Compliance Monitoring Section

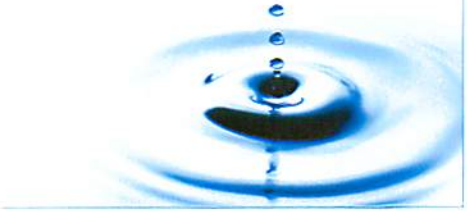
NEW YORK CITY

SHORELINE SURVEY REPORT

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP

Save Water



EMILY LLOYD, COMMISSIONER

The City of New York

DEPARTMENT OF ENVIRONMENTAL PROTECTION
59-17 Junction Boulevard
Flushing, New York 11373

Emily Lloyd
Commissioner

Vincent Sapienza, P.E.
Assistant Commissioner

Bureau of Wastewater Treatment

Tel. (718) 595-4906
Fax (718) 595-6950
vsapienza@dep.nyc.gov

March 31, 2008

Mr. Robert Elburn, P.E.,
Regional Water Engineer
New York State Department of
Environmental Conservation
Division of Water – Region II
47 – 40 21st Street – 1st Floor
Long Island City, NY 11101 – 5407

Re: Shoreline Survey Report

Dear Mr. Elburn:

Pursuant to the Stormwater Management Requirement XI and in accordance with paragraph D.1, attached is the Department's Shoreline Survey Report. NYC-DEP in consultation with DEC has conducted a shoreline survey from 2003 to 2008, of the outfalls tributary to the following six drainage basin areas: 26th Ward, Hunts Point, Oakwood Beach, Owls Head, Port Richmond and Rockaway, which represent fifty percent of the shoreline of the City of New York.

The report also includes the other eight drainage areas surveyed in the previous five-year cycle from 1998 to 2003. These include drainage basin areas Bowery Bay, Coney Island, Jamaica, Newtown Creek, North River, Red Hook, Tallman Island, and Wards Island.

Sincerely,

Vincent Sapienza, P.E,
Assistant Commissioner

XC: Greeley/Sapienza/Spangel/Hammerman/Lipton/Norris/Villacis/Shukla/ Ferguson/File

BWSO: Roberts/Farag/Safari/Akhnoukh/Camaiore/Penner

JV/

NEW YORK CITY
DEPARTMENT OF ENVIRONMENTAL PROTECTION

SHORELINE SURVEY PROGRAM

March 31, 2008

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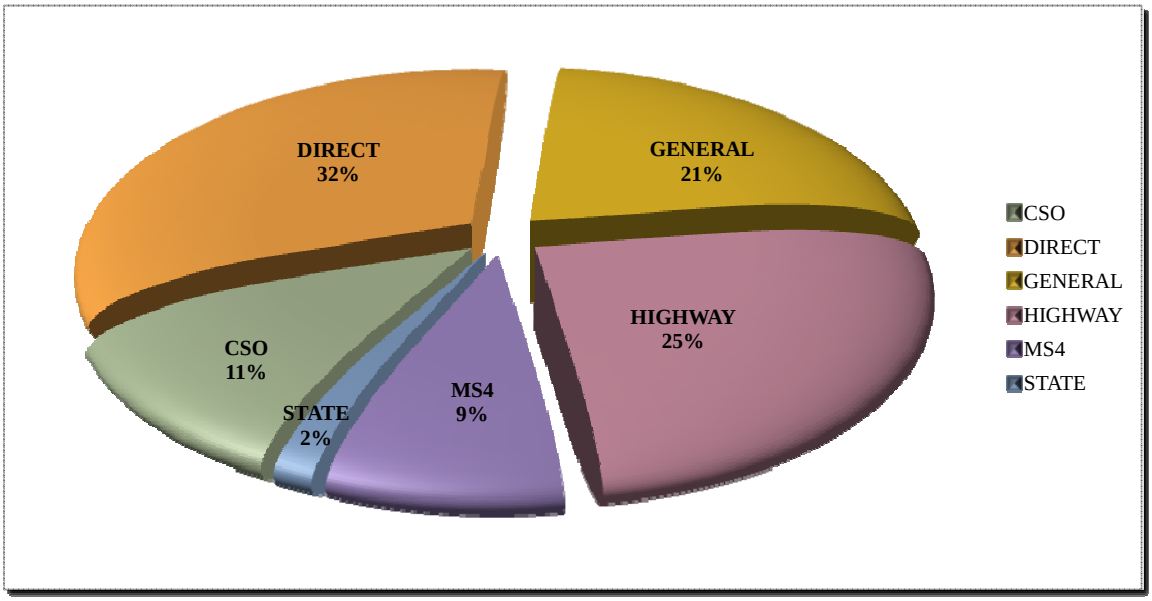
8. Wards Island

EXECUTIVE SUMMARY

The State Pollution Discharge Elimination System (SPDES) permits for all fourteen New York City Water Pollution Control Plants require a survey of the entire shoreline of the City of New York. Under the Storm-water Management Requirement XI and in accordance with paragraph D.1 of the permits, NYC-DEP is required to complete such a survey by March 31, 2008. Accordingly, NYC-DEP has conducted a shoreline survey of the outfalls tributary to the following drainage basin areas: 26th Ward, Bowery Bay, Coney Island, Hunts Point, Jamaica, Newtown Creek, North River, Oakwood Beach, Owls Head, Port Richmond, Red Hook, Rockaway, Tallman Island and Wards Island.

The survey of 588 miles of NYC shoreline resulted in the identification 3776 outfalls. The outfalls consist of 433 combined sewer overflow outfalls, 1195 direct discharge outfalls, 803 general outfalls, 934 highway outfalls, 349 storm outfalls and 62 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

Percentile representation of outfalls



SHORELINE SURVEY OPERATIONAL PLAN

The Shoreline Survey Unit in the Drainage Basin Monitoring Section (DBMS) has gathered the pertinent information for submittal of the SPDES-mandated Shoreline Survey report since 1991.

DBMS conducts field surveys and regular outfall surveillance by land, boat, and rigid inflatable rubber raft with an emphasis on boat surveillance of the entire NYC shoreline. Each outfall is identified as to whether it is a City-owned sewer, highway drain, storm sewer, combine sewer outfall or SPDES-permitted discharge line, etc.

If a dry weather discharge is observed from a city-owned outfall, the nature of the discharge is determined based on laboratory analysis of samples collected. Hence, the discharge is identified as either an untreated flow (raw sewage) or an uncontaminated discharge such as ground water.

Discharge from collection system, due to failures such as blockage or mechanical failure of regulator and pump is usually identifiable. Such discharges are reported immediately upon discovery to the Process Control Section and Collection Facilities Operations that are responsible for undertaking immediate corrective actions. Discharge from suspected illegal connections is immediately reported to NYS - DEC upon the determination that an untreated discharge exists.

The DBMS normally prepares abatement schedules and conducts investigations. However, appropriate Bureaus/Sections within the DEP are contacted if jurisdiction requires their approval or cooperation.

When identifying the source of an illegal discharge requires lengthy investigation, a two-phase abatement schedule is submitted within 30 days. The first phase indicates a timetable for the completion of the investigation of determining the source(s) of the discharge. The second phase is submitted upon the identification of the source(s) and reflects a schedule for the ultimate abatement.

OUTFALL CLASSIFICATION

DRAINAGE AREA	DESIGNATOR
26th Ward…….	26W
Bowery Bay ……..	BB
Coney Island ……...	CI
Hunts Point……..	HP
Jamaica …….	JAM
Newtown Creek – Brooklyn ……	NCB
Newtown Creek – Manhattan …….	NCM
Newtown Creek – Queens ……...	NCQ
North River …….	NR
Oakwood Beach ……	OB
Owls Head ……..	OH
Port Richmond ……..	PR
Red Hook …….	RH
Rockaway …….	ROC
Tallman Island …….	TI
Wards Island – Bronx …….	WIB
Wards Island – Manhattan ……..	WIM

DAMU numbers are grouped into six categories as follows:

DAMU NUMBERS	GROUP
000 – 099 ……	SPDES
101 – 499 ……	General
501 – 599 ……	Direct Discharge
601 – 799 ……	Storm Drain
801 – 999 ……	Highway Drain
0000000 ……	SPDES Permitted

26th WARD DRAINAGE AREA

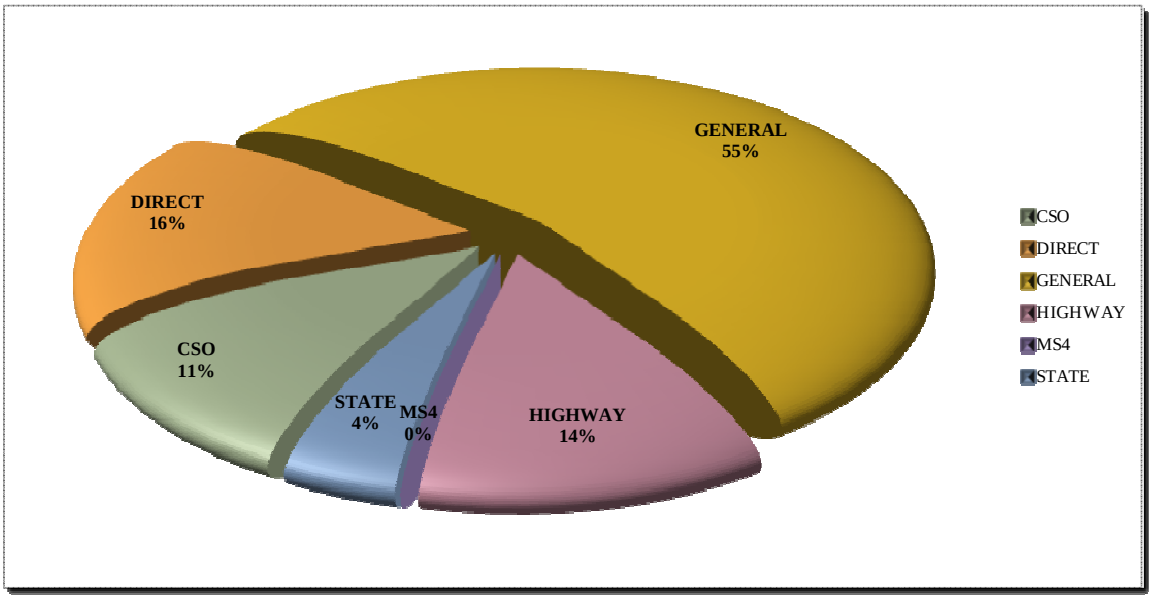
26th WARD SURVEY REPORT

The survey of the entire drainage area of 26th Ward, 9.33 miles of shoreline, resulted in the identification of 44 outfalls. The outfalls consist of 5 combined sewer overflow outfalls, 6 highway outfalls, 24 general outfalls, 7 direct discharge outfalls, 0 storm outfalls and 2 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The 26th Ward Water Pollution Control Plant receives flow from the eastern section of south Brooklyn (East New York). Storm flow in excess of plant capability is collected by the Spring Creek Auxiliary Plant and is pumped to 26th Ward when flow subsides.

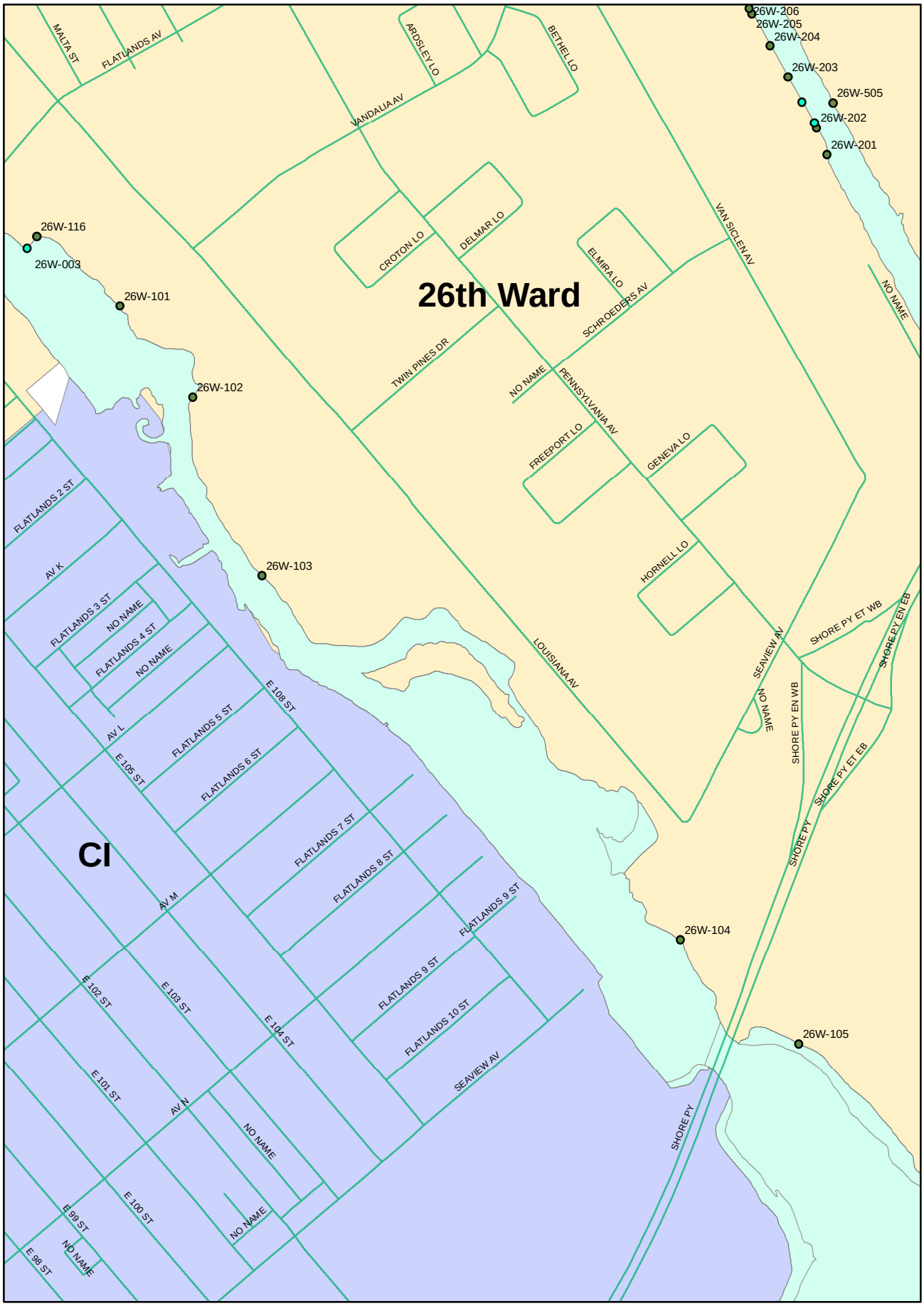
The entire drainage area was inspected by boat and inflatable raft. The survey began in Fresh Creek Basin, proceeded along the shoreline bordering Jamaica Bay, into Hendrix Creek, back out to the Jamaica Bay shoreline and finally into Spring Creek Basin.

Percentile representation of 26th Ward outfalls



26th WARD

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	26W-003	WILLIAMS AVENUE (REG #2)	40	38	57	73	53	26	4BL 15'3" X 9'	FRESH CREEK BASIN (N)
2	26W-116	30' S/O WILLIAMS AVENUE	40	38	58	73	53	25	12" DIA	FRESH CREEK BASIN (E)
3	26W-101	VANDALIA AVENUE	40	38	54	73	53	20	12" DIA	FRESH CREEK BASIN (E)
4	26W-102	CROTON LOOP (NORTH)	40	38	50	73	53	16	60" DIA	FRESH CREEK BASIN (E)
5	26W-103	SCHROEDERS AVENUE	40	38	42	73	53	11	8' X 4'	FRESH CREEK BASIN (E)
6	26W-104	BORDER AVE	40	38	24	73	52	45	8' X 4'	FRESH CREEK BASIN (E)
7	26W-105	300' S/O BELT PARKWAY BRIDGE	40	38	19	73	52	38	30" DIA	FRESH CREEK BASIN (E)
8	26W-801	1520' S/O BELT PARKWAY	40	38	31	73	52	18	12" DIA	HENDRIX CREEK (W)
9	26W-802	1500' S/O BELT PARKWAY	40	38	32	73	52	18	18" DIA	HENDRIX CREEK (W)
10	26W-106	400' S/O BELT PARKWAY	40	38	43	73	52	24	30" DIA	HENDRIX STREET (W)
11	26W-107	370' S/O BELT PARKWAY	40	38	44	73	52	24	14" DIA	HENDRIX STREET (W)
12	26W-506	140' S/O BELT PARKWAY	40	38	45	73	52	25	8" DIA	HENDRIX CREEK (W)
13	26W-201	75' S/O 26TH WARD W.P.C.P.	40	39	1	73	52	36	15" DIA	HENDRIX CREEK (W)
14	26W-202	3' S/O 26TH WARD W.P.C.P.	40	39	3	73	52	37	18" DIA	HENDRIX CREEK (W)
15	26W-002	26TH WARD PLANT OUTFALL	40	39	3	73	52	37	4BL 11' X 7' 6"	HENDRIX CREEK (N)
16	26W-001	26TH WARD W.P.C.P.OUTFALL	40	39	4	73	52	38	10' X 6'	HENDRIX CANAL
17	26W-203	230' N/O 26TH WARD W.P.C.P.	40	39	5	73	52	39	6" DIA	HENDRIX CREEK (W)
18	26W-204	400' N/O 26TH WARD W.P.C.P.	40	39	7	73	52	40	12" DIA	HENDRIX CREEK (W)
19	26W-205	600' N/O 26TH WARD W.P.C.P.	40	39	8	73	52	41	4' X 4'	HENDRIX CREEK (W)
20	26W-206	615' N/O 26TH WARD W.P.C.P.	40	39	8	73	52	41	6" DIA	HENDRIX CREEK (W)
21	26W-207	800' N/O 26TH WARD W.P.C.P.	40	39	10	73	52	42	12" DIA	HENDRIX CREEK (W)
22	26W-208	215' S/O HEAD OF HENDRIX CREEK	40	39	14	73	52	46	18" DIA	HENDRIX CREEK (W)
23	26W-209	200' S/O HEAD OF HENDRIX CREEK	40	39	14	73	52	46	8' X 4'	HENDRIX CREEK (W)
24	26W-210	180' S/O HEAD OF HENDRIX CREEK	40	39	15	73	52	46	8" DIA	HENDRIX CREEK (W)
25	26W-211	65' S/O HEAD OF HENDRIX CREEK	40	39	15	73	52	47	8" DIA	HENDRIX CREEK (W)
26	26W-212	10' S/O HEAD OF HENDRIX CREEK	40	39	16	73	52	47	8" DIA	HENDRIX CREEK (W)
27	26W-004	HEAD OF HENDRIX CREEK (REG #1)	40	39	16	73	52	47	4BL 11 X 7'6"	HENDRIX CREEK
28	26W-510	96' E/O HEAD OF HENDRIX CREEK	40	39	16	73	52	45	8" DIA	HENDRIX CREEK (N)
29	26W-0267643-001	500' S/O HEAD OF HENDRIX CREEK	40	39	12	73	52	42	60" DIA	HENDRIX CREEK (E)
30	26W-112	100' N/O BELT PARKWAY	40	38	50	73	52	25	36" DIA	HENDRIX CREEK (E)
31	26W-113	600' S/O BELT PARKWAY	40	38	43	73	52	20	18" DIA	HENDRIX CREEK (E)
32	26W-114	1000' S/O BELT PARKWAY (LANDFILL)	40	39	8	73	51	31	30" DIA	SPRING CREEK BASIN (W)
33	26W-115	75' S/O BELT PARKWAY (LANDFILL)	40	39	17	73	51	36	12" DIA	SPRING CREEK BASIN (W)
34	26W-811	SEAVIEW AVE	40	39	21	73	51	46	60" DIA	SPRING CREEK (W)
35	26W-0267643-002	HEAD OF SPRING CREEK	40	39	27	73	51	47	60" DIA	SPRING CREEK (W)
36	26W-808	SPRING CREEK AUXILIARY W.P.C.P	40	39	27	73	51	46	10" DIA	SPRING CREEK (NW)
37	26W-809	SPRING CREEK AUXILIARY W.P.C.P	40	39	28	73	51	45	10" DIA	SPRING CREEK (N)
38	26W-005	SPRING CREEK AUXILIARY W.P.C.P	40	39	28	73	51	44	72BL 7'6" X 2'5"	SPRING CREEK (N)
39	26W-810	SPRING CREEK AUXILIARY W.P.C.P	40	39	29	73	51	43	10" DIA	SPRING CREEK (NE)
40	26W-501	E/O SITE DRIVE (GATEWAY MALL)	40	39	3	73	52	8	36" DIA	HENDRIX CREEK
41	26W-502	W/O SITE DRIVE (GATEWAY MALL)	40	39	0	73	52	12	30" DIA	HENDRIX CREEK
42	26W-503	800' E/O SITE DRIVE (GATEWAY MALL)	40	38	58	73	52	16	42" DIA	HENDRIX CREEK
43	26W-504	S/O GATEWAY DRIVE DRIVE (GATEWAY MALL)	40	38	56	73	52	30	42" DIA	HENDRIX CREEK
44	26W-505	N/O GATEWAY DRIVE DRIVE (GATEWAY MALL)	40	39	4	73	52	36	60" DIA	HENDRIX CREEK


26th Ward
CI
26W-206
26W-205
26W-204
26W-203
26W-505
26W-202
26W-201
26W-116
26W-003
26W-101
26W-102
26W-103
26W-104
26W-105
MALTA ST
FLATLANDS AV
ARDSLEY LO
BETHEL LO
VANDALIA AV
CROTON LO
DELMAR LO
ELMIRA LO
VAN SICLEN AV
NO NAME
SCHROEDERS AV
TWIN PINES DR
NO NAME
PENNSYLVANIA AV
FREEPORT LO
GENEVA LO
HORNELL LO
LOUISIANA AV
SEAVIEW AV
SHORE PY ET WB
SHORE PY EN EB
SHORE PY EN WB
SHORE PY ET EB
SHORE PY
FLATLANDS 2 ST
AV K
FLATLANDS 3 ST
NO NAME
FLATLANDS 4 ST
NO NAME
AV L
E 105 ST
FLATLANDS 5 ST
FLATLANDS 6 ST
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FLATLANDS 7 ST
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FLATLANDS 9 ST
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FLATLANDS 10 ST
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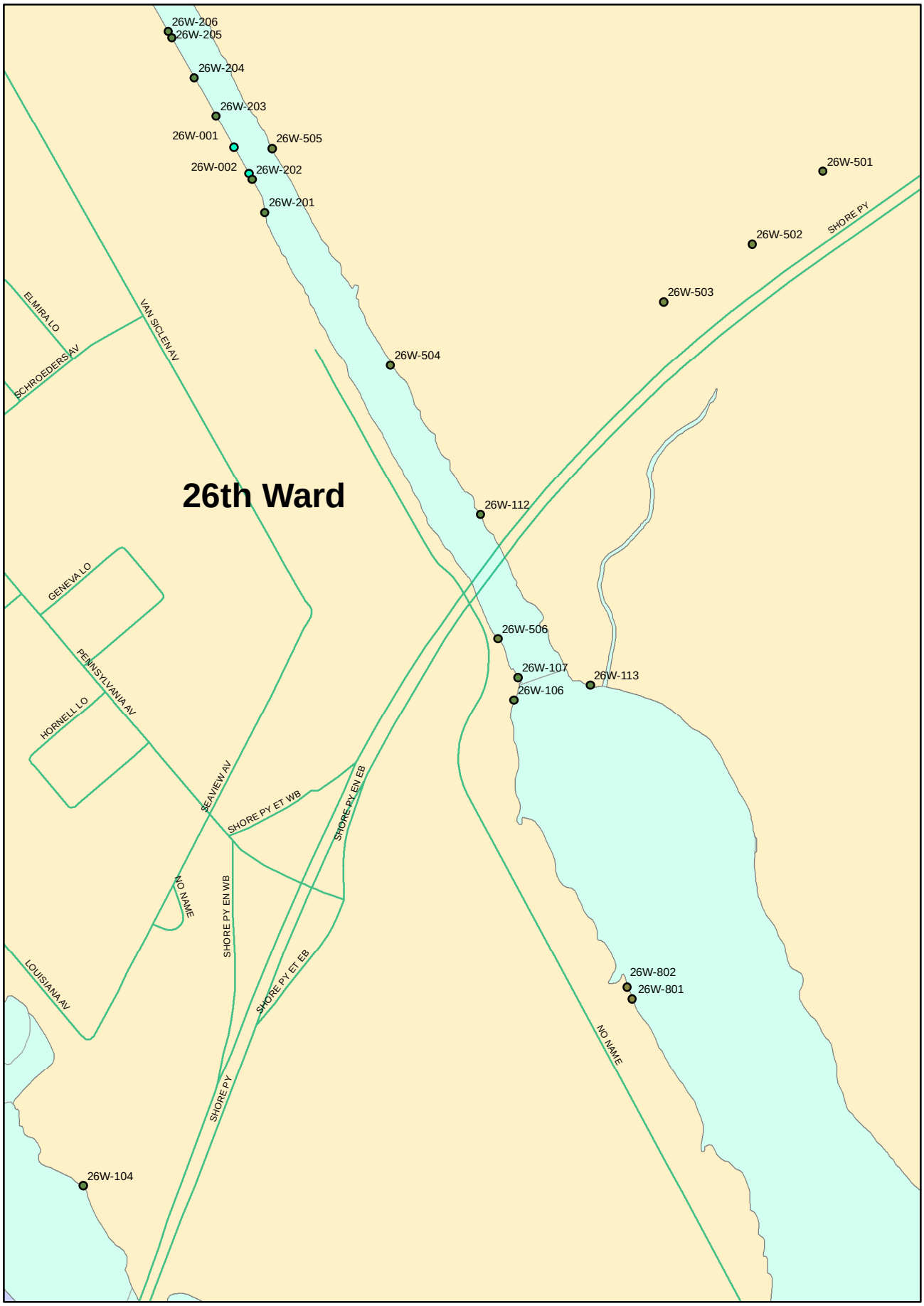
26th Ward
26W-206
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26W-502
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26W-504
26W-112
26W-506
26W-107
26W-106
26W-113
26W-802
26W-801
26W-104
SHORE PY
ELMIRA LO
SCHROEDERS AV
VAN SICLEN AV
GENEVA LO
PENNSYLVANIA AV
HORNELL LO
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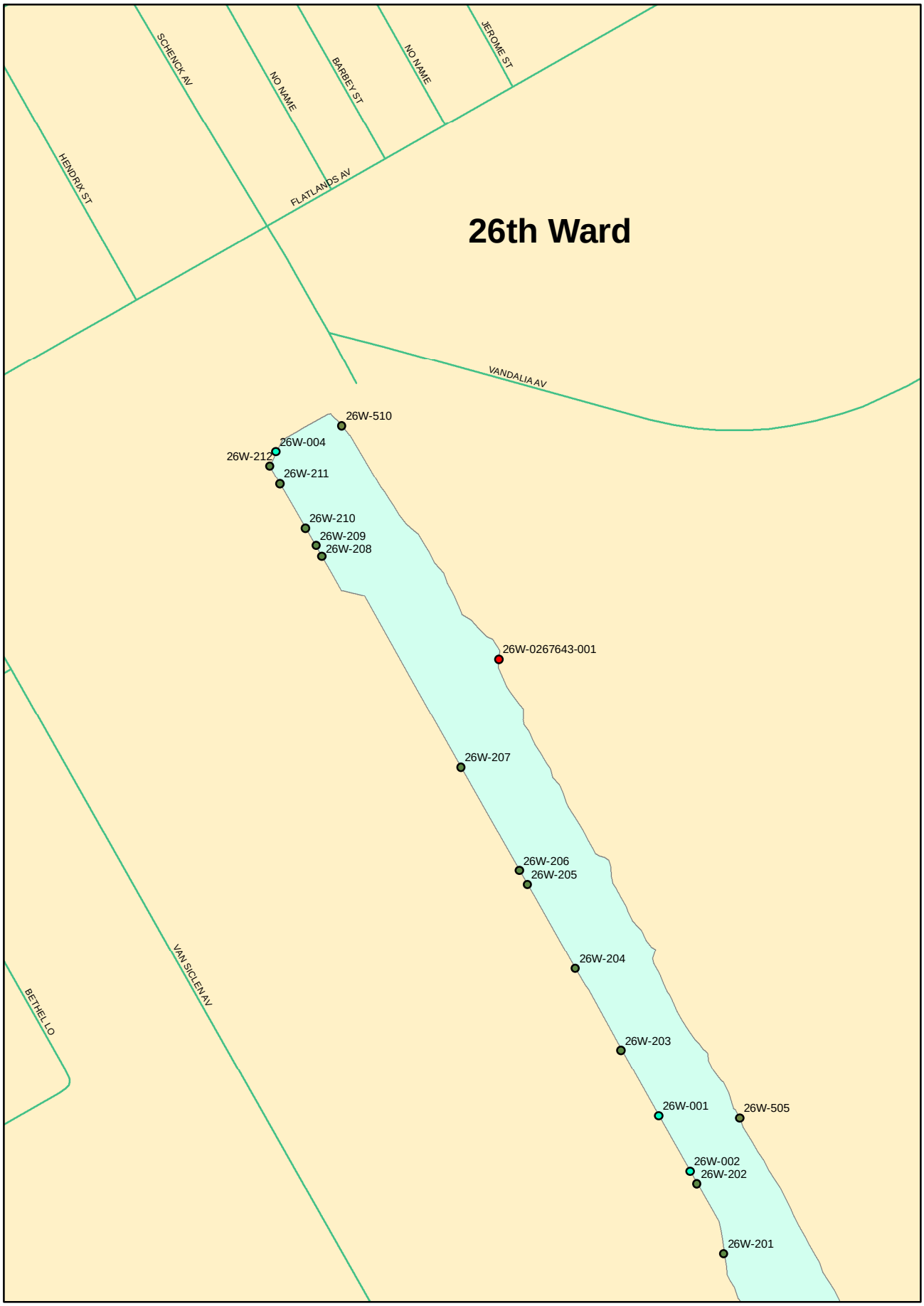
26th Ward
SCHENCK AV
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BARBEY ST
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JEROME ST
HENDRIX ST
FLATLANDS AV
VANDALIA AV
VAN SICLEN AV
BETHEL LO
26W-510
26W-004
26W-212
26W-211
26W-210
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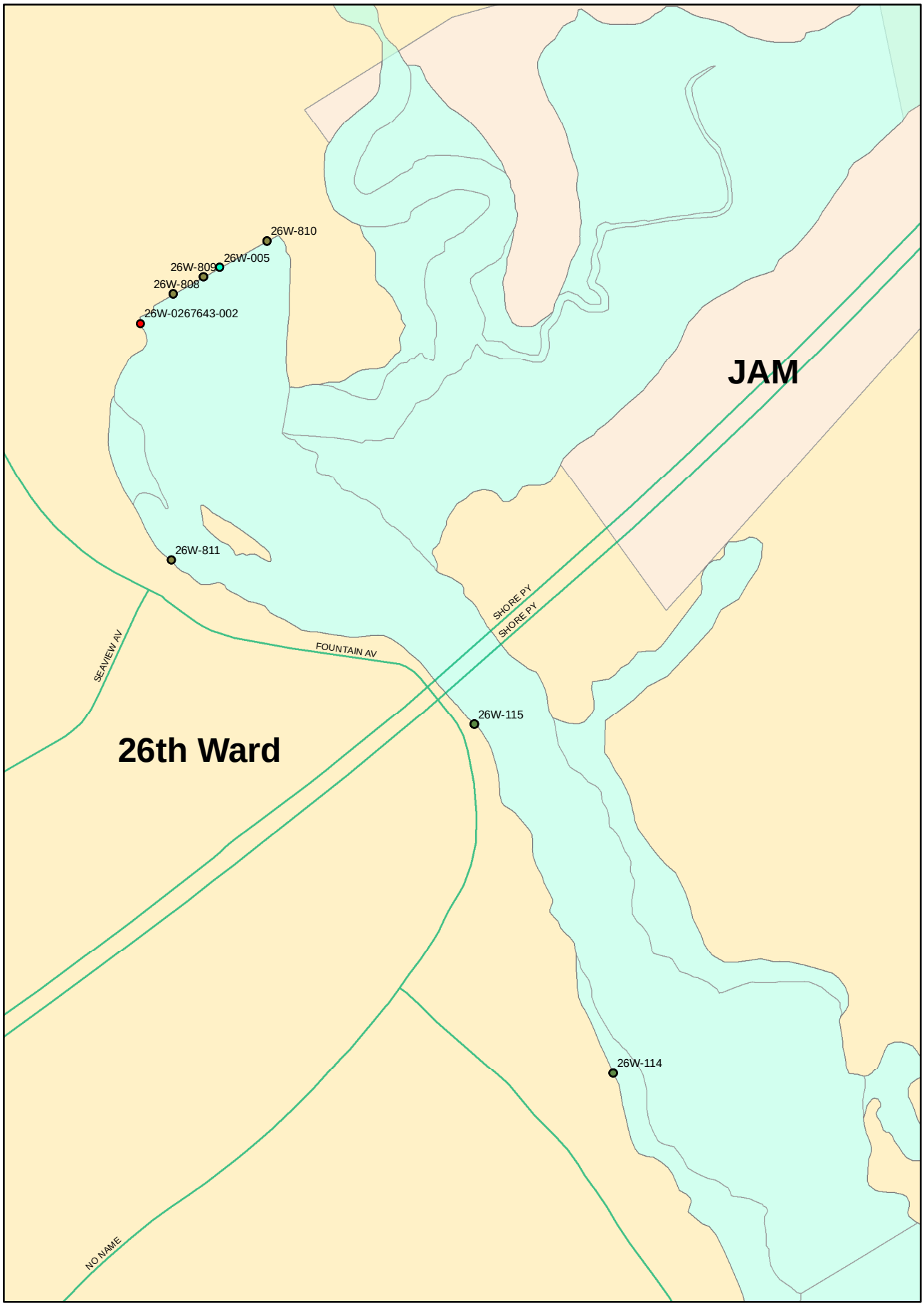
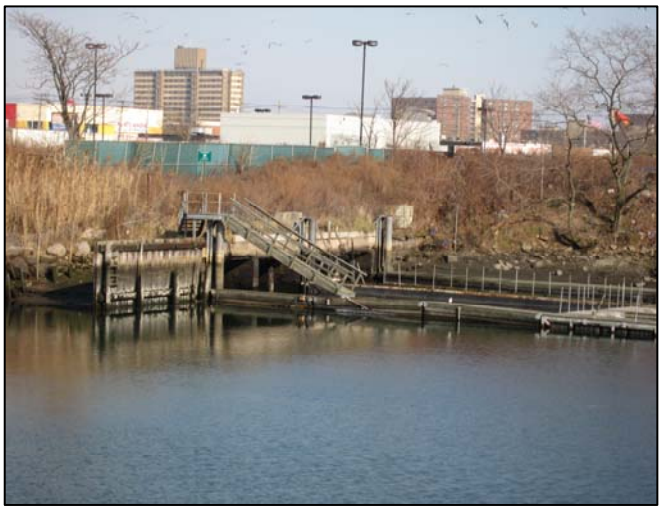

26W-810
26W-005
26W-809
26W-808
26W-0267643-002
JAM
26W-811
SHORE PY
SHORE PY
SEAVIEW AV
FOUNTAIN AV
26W-115
26th Ward
26W-114
NO NAME

Outfall ID: 26W-002
Location: 26TH WARD PLANT OUTFALL
Latitude: 40° 39' 3"
Longitude: 73° 52' 37"
Outfall Size: 10' X 6'
Receiving water: HENDRIX CREEK (N)

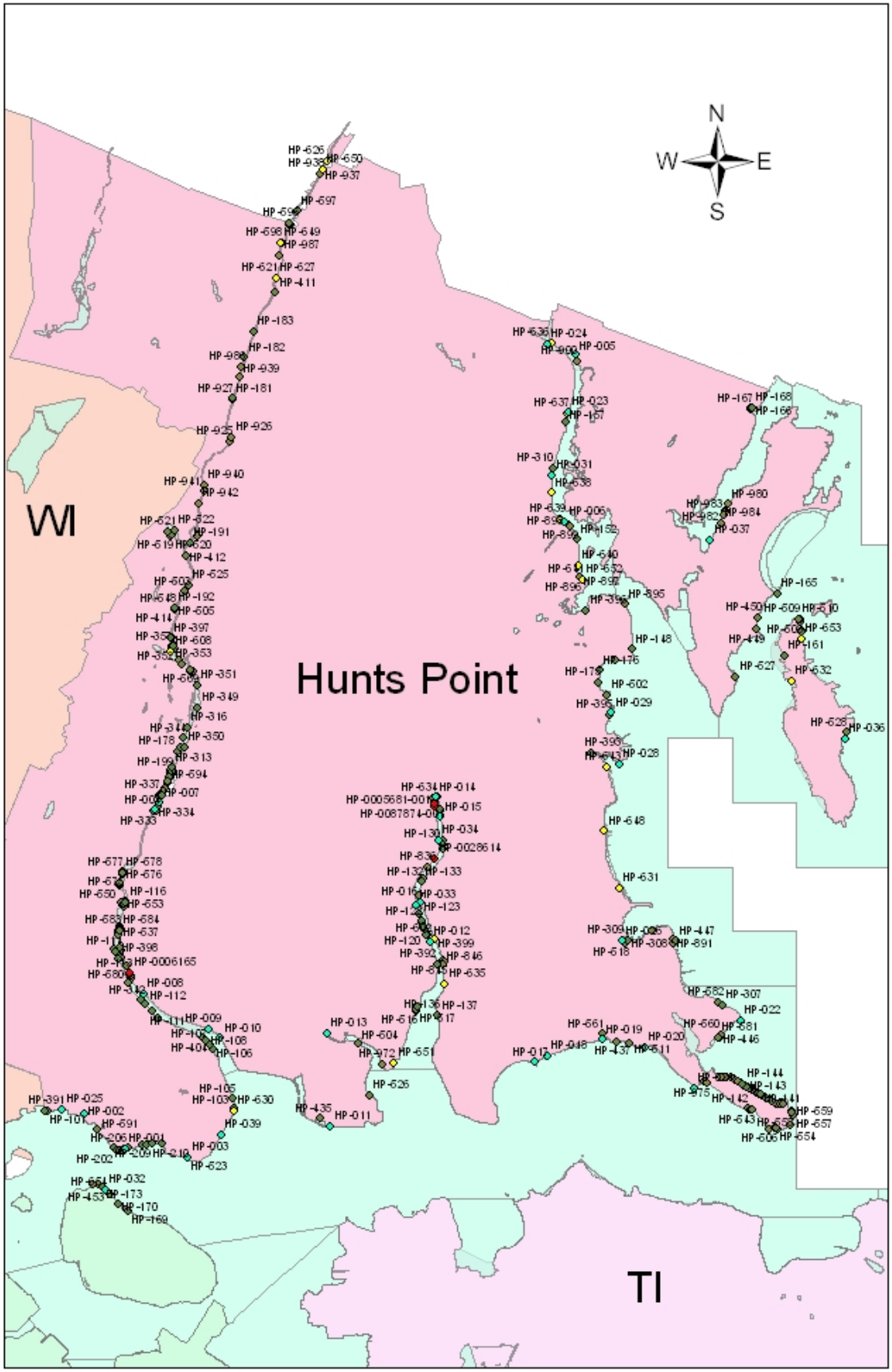


Outfall ID: 26W-003
Location: WILLIAMS AVENUE (REG #2)
Latitude: 40° 38' 57"
Longitude: 73° 53' 26"
Outfall Size: 4BL 15'3" X 9'
Receiving water: FRESH CREEK BASIN (N)

Outfall ID: 26W-004
Location: HEAD OF HENDRIX CREEK (REG #1)
Latitude: 40° 39' 16"
Longitude: 73° 52' 46"
Outfall Size: 4BL 11 X 7'6"
Receiving water: HENDRIX CREEK

Outfall ID: 26W-005
Location: SPRING CREEK AUXILIARY W.P.C.P
Latitude: 40° 39' 28"
Longitude: 73° 51' 44"
Outfall Size: 72BL 7'6" X 2'5"
Receiving water: SPRING CREEK (N)

HUNTS POINT DRAINAGE AREA



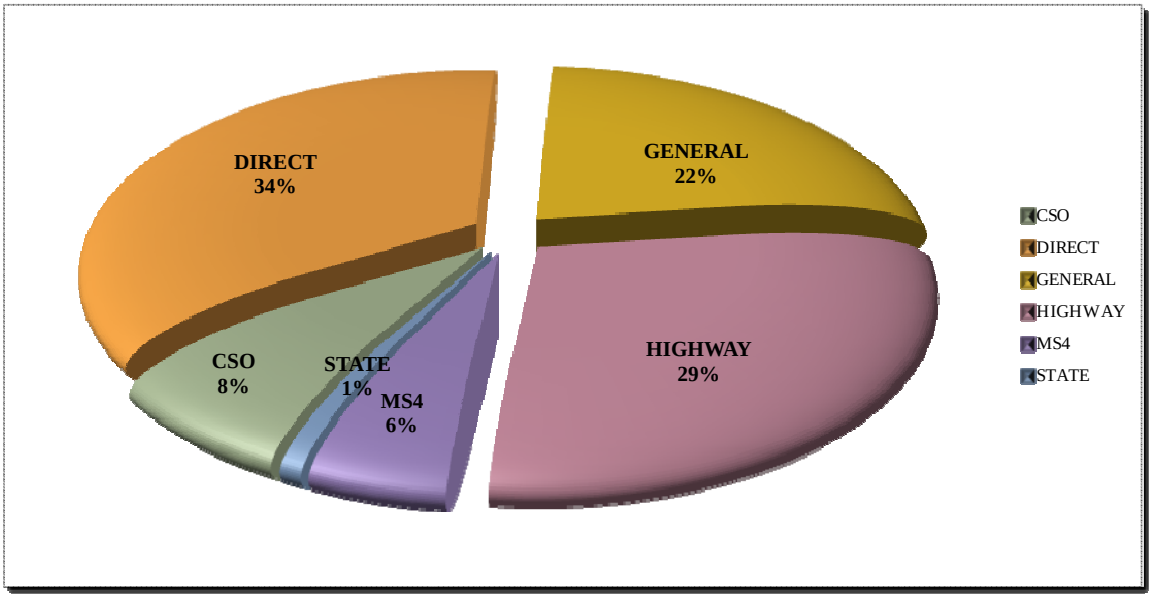
HUNTS POINT SURVEY REPORT

The survey of the entire drainage area of Hunts Point, 70.14 miles of shoreline, resulted in the identification of 438 outfalls. The outfalls consist of 35 combined sewer overflow outfalls, 127 highway outfalls, 97 general outfalls, 151 direct discharge outfalls, 24 storm outfalls and 4 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Hunts Point Water Pollution Control Plant receives flow from the eastern portion of the Bronx including City Island and the northern portion of Rikers Island. The entire drainage area was inspected by boat and inflatable raft except the part of the Bronx River in the vicinity of Botanical Gardens was inspected by land due to shallow waters.

The survey began at the railroad yard north of East 149th Street in the southeast Bronx, and proceeded up north along the East River, into the Bronx River passing the Botanical Gardens and Bronx Zoo to the Yonkers border. Survey progressed to encompass the shoreline of Pugsley's Creek, Westchester Creek, Throgs Neck vicinity, Eastchester Bay, Pelham Bay Park and Landfill, Hutchinson River, City Island, Hart Island, Hunters Island and the northern portion of Rikers Island.

Percentile representation of HP outfalls



HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	HP-391	50' W/O BARRY STREET (RAILROAD YARD)	40	48	22	73	53	41	48" DIA	EAST RIVER (N)
2	HP-101	W/O BARRY STREET (RAILROAD YARD)	40	48	23	73	53	40	10" DIA	EAST RIVER (N)
3	HP-025	TRUXTON STREET (REG # 8)	40	48	23	73	53	32	11' 6" X 7' 3"	EAST RIVER (N)
4	HP-002	TIFFANY STREET (REG # 9, 9A)	40	48	21	73	53	21	12' X 8' 2"	EAST RIVER (W)
5	HP-591	50' S/O RYAWA STREET	40	48	15	73	53	15	6" DIA	EAST RIVER (W)
6	HP-201	100' S/O RYAWA STREET (STORM OUTFALL INSIDE WPCP)	40	48	8	73	53	7	24" DIA	EAST RIVER (W)
7	HP-202	150' W/O HUNTS POINT WPCP	40	48	7	73	53	5	6" DIA	EAST RIVER (W)
8	HP-203	SW CORNER OF HUNTS POINT WPCP	40	48	7	73	53	3	6" DIA	EAST RIVER (W)
9	HP-204	HUNTS POINT WPCP	40	48	7	73	53	2	10" DIA	EAST RIVER (W)
10	HP-205	50' NE/O HUNTS POINT WPCP	40	48	8	73	53	1	4" DIA	EAST RIVER (W)
11	HP-206	100' NE/O HUNTS POINT WPCP	40	48	8	73	52	59	4" DIA	EAST RIVER (W)
12	HP-001	HUNTS POINT W.P.C.P. OUTFALL	40	48	8	73	52	57	84" DIA	EAST RIVER (W)
13	HP-207	400' NE/O HUNTS POINT WPCP	40	48	9	73	52	52	10" DIA	EAST RIVER (W)
14	HP-208	650' NE/O HUNTS POINT WPCP	40	48	9	73	52	50	10" DIA	EAST RIVER (W)
15	HP-209	950' NE/O HUNTS POINT P WPCP	40	48	10	73	52	47	10" DIA	EAST RIVER (W)
16	HP-210	1550' NE/O HUNTS POINT WPCP	40	48	10	73	52	42	10" DIA	EAST RIVER (W)
17	HP-523	100' SW/O FARRAGUT STREET	40	48	5	73	52	29	36" DIA	EAST RIVER (W)
18	HP-003	FARRAGUT STREET (REG # 10)	40	48	5	73	52	29	DBL 12' X 9' 5-3/4"	EAST RIVER (W)
19	HP-039	N/O HUNTS POINT	40	48	13	73	52	13	72" DIA	EAST RIVER
20	HP-630	S/O RYWA AVE	40	48	22	73	52	6	18" DIA	EAST RIVER (W)
21	HP-103	60' N/O RYWA AVE	40	48	23	73	52	6	10" DIA	EAST RIVER (W)
22	HP-593	75' N/O RYWA AVE	40	48	23	73	52	6	8" DIA	EAST RIVER (W)
23	HP-105	500' N/O RYWA AVE	40	48	27	73	52	6	24" DIA	EAST RIVER (W)
24	HP-333	40' S/O WEST FARM ROAD	40	50	17	73	52	46	18' DIA	BRONX RIVER (W)
25	HP-334	60' S/O WEST FARM ROAD	40	50	17	73	52	46	18' DIA	BRONX RIVER (W)
26	HP-004	WEST FARM ROAD	40	50	18	73	52	46	12' X 8'	BRONX RIVER (W)
27	HP-947	150' S/O EXIT RAMP TO E TREMONT AVE	40	50	23	73	52	43	12" DIA	BRONX RIVER (W)
28	HP-198	150' S/O E TREMONT AVE	40	50	23	73	52	43	12" DIA	BRONX RIVER (W)
29	HP-948	110' S/O E TREMONT AVE	40	50	23	73	52	43	4" DIA	BRONX RIVER (W)
30	HP-949	100' S/O E TREMONT AVE	40	50	23	73	52	43	4" DIA	BRONX RIVER (W)
31	HP-562	90' S/O E TREMONT AVE	40	50	23	73	52	43	4" DIA	BRONX RIVER (W)
32	HP-563	75' S/O E TREMONT AVE	40	50	23	73	52	43	4" DIA	BRONX RIVER (W)
33	HP-335	47' S/O E TREMONT AVE	40	50	24	73	52	43	1' X 1'	BRONX RIVER (W)
34	HP-564	50' S/O E TREMONT AVE	40	50	24	73	52	43	4" DIA	BRONX RIVER (W)
35	HP-303	E TREMONT AVE (SOUTH SIDE)	40	50	24	73	52	43	12" DIA	BRONX RIVER (W)
36	HP-985	E TREMONT AVE	40	50	24	73	52	42	18" DIA	BRONX RIVER (W)
37	HP-950	50' S/O 179TH STREET	40	50	28	73	52	39	4" DIA	BRONX RIVER (W)
38	HP-951	5' N/O 179TH STREET	40	50	28	73	52	39	4" DIA	BRONX RIVER (W)
39	HP-594	30' N/O 179TH STREET	40	50	29	73	52	39	6" DIA	BRONX RIVER (W)
40	HP-565	70' N/O 179TH STREET	40	50	29	73	52	39	4" DIA	BRONX RIVER (W)
41	HP-566	90' N/O 179TH STREET	40	50	29	73	52	39	4" DIA	BRONX RIVER (W)
42	HP-567	200' S/O 180TH STREET	40	50	30	73	52	38	4" DIA	BRONX RIVER (W)
43	HP-544	100' S/O 180TH STREET	40	50	31	73	52	37	3" DIA	BRONX RIVER (W)
44	HP-199	2' S/O 180TH STREET	40	50	32	73	52	37	12" DIA	BRONX RIVER (W)
45	HP-529	10' N/O S/SIDE OF 180TH STREET	40	50	33	73	52	37	2" DIA	BRONX RIVER (W)
46	HP-530	40' N/O S/SIDE OF 180TH STREET	40	50	33	73	52	37	2" DIA	BRONX RIVER (W)
47	HP-531	60' N/O S/SIDE OF 180TH STREET	40	50	33	73	52	37	2" DIA	BRONX RIVER (W)
48	HP-916	75' N/O 180TH STREET	40	50	33	73	52	37	12 DIA	BRONX RIVER (W)
49	HP-313	150' N/O 180TH STREET	40	50	34	73	52	37	10" DIA	BRONX RIVER (W)
50	HP-987	30' N/O 234TH STREET	40	53	50	73	51	42	10" DIA	BRONX RIVER (W)
51	HP-649	S/O 236TH STREET	40	53	55	73	51	42	6' X 4'	BRONX RIVER (W)

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	HP-595	NEREID AVE (SOUTH SIDE)	40	54	2	73	51	37	6" DIA	BRONX RIVER (W)
53	HP-596	NEREID AVE (NORTH SIDE)	40	54	3	73	51	37	6" DIA	BRONX RIVER (W)
54	HP-650	ABBOTT STREET (BRADELEY STREET)	40	54	23	73	51	21	30" DIA	BRONX RIVER (E)
55	HP-626	242ND STREET	40	54	27	73	51	18	36" DIA	BRONX RIVER (E)
56	HP-937	UNDERNEATH 241ST STREET BRIDGE	40	54	22	73	51	22	10" DIA	BRONX RIVER (E)
57	HP-938	UNDERNEATH 241ST STREET BRIDGE	40	54	22	73	51	22	10" DIA	BRONX RIVER (E)
58	HP-597	80' N/O 239TH STREET (PEDESTRIAN BR)	40	54	7	73	51	33	8" DIA	BRONX RIVER (E)
59	HP-570	NERIED AVE	40	54	2	73	51	37	4" DIA	BRONX RIVER (E)
60	HP-571	NERIED AVE	40	54	2	73	51	37	4" DIA	BRONX RIVER (E)
61	HP-598	BRONX RIVER PKWY (S/O 237TH STREET)	40	53	55	73	51	41	6" DIA	BRONX RIVER (E)
62	HP-532	50' S/O 180TH STREET	40	50	32	73	52	36	2" DIA	BRONX RIVER (E)
63	HP-533	70' S/O 180TH STREET	40	50	32	73	52	37	2" DIA	BRONX RIVER (E)
64	HP-534	10' N/O 180TH STREET	40	50	32	73	52	36	2" DIA	BRONX RIVER (E)
65	HP-952	30' S/O 180TH STREET	40	50	32	73	52	36	6" DIA	BRONX RIVER (E)
66	HP-953	50' S/O 180TH STREET	40	50	32	73	52	36	8" DIA	BRONX RIVER (E)
67	HP-954	100' S/O 180TH STREET	40	50	31	73	52	37	6" DIA	BRONX RIVER (E)
68	HP-960	190' S/O 180TH STREET	40	50	30	73	52	38	8" DIA	BRONX RIVER (E)
69	HP-961	90' N/O 179TH STREET	40	50	28	73	52	39	8" DIA	BRONX RIVER (E)
70	HP-962	180' S/O 179TH STREET	40	50	26	73	52	40	8" DIA	BRONX RIVER (E)
71	HP-963	152' N/O EAST TREMONT AVE	40	50	25	73	52	41	6" DIA	BRONX RIVER (E)
72	HP-964	151' N/O EAST TREMONT AVE	40	50	25	73	52	41	8" DIA	BRONX RIVER (E)
73	HP-965	150' N/O EAST TREMONT AVE	40	50	25	73	52	41	8" DIA	BRONX RIVER (E)
74	HP-337	60' S/O E TREMONT AVE	40	50	23	73	52	42	3'X2'	BRONX RIVER (E)
75	HP-599	70' S/O E TREMONT AVE	40	50	23	73	52	42	6" DIA	BRONX RIVER (E)
76	HP-401	30' N/O E 177TH STREET (CSO-27,27A)	40	50	21	73	52	43	8" DIA	BRONX RIVER (E)
77	HP-007	E 177TH STREET (CSO-27,27A)	40	50	20	73	52	43	DBL 11' X 6' 6"	BRONX RIVER (E)
78	HP-332	50' S/O EXIT RAMP TO E TREMONT AVE	40	50	19	73	52	44	18" DIA	BRONX RIVER (E)
79	HP-968	100' N/O SHERIDAN EXIT RAMP-CROSS BRONX	40	50	18	73	52	45	18" DIA	BRONX RIVER (E)
80	HP-545	90' N/O SHERIDAN EXIT RAMP-CROSS BRONX	40	50	18	73	52	45	3" DIA	BRONX RIVER (E)
81	HP-398	25' S/O BRUCKNER BLVD	40	49	21	73	53	4	18" DIA	BRONX RIVER (W)
82	HP-402	1200' S/O BRUCKNER EXP. BRIDGE	40	49	11	73	52	59	8" DIA	BRONX RIVER (W)
83	HP-113	UNDER EASTERN PKWY BRIDGE	40	49	23	73	53	5	18" DIA	BRONX RIVER (W)
84	HP-971	EASTERN PKWY BRIDGE N SIDE	40	49	23	73	53	5	12" DIA	BRONX RIVER (W)
85	HP-549	5' N/O EASTERN PKWY BRIDGE	40	49	23	73	53	5	4" DIA	BRONX RIVER (W)
86	HP-114	40' N/O BRUCKNER EXPWY	40	49	23	73	53	5	12" DIA	BRONX RIVER (W)
87	HP-106	OAKPOINT AVE	40	48	46	73	52	17	18" DIA	BRONX RIVER (W)
88	HP-107	500' N/O OAKPOINT AVE	40	48	48	73	52	18	18" DIA	BRONX RIVER (W)
89	HP-108	150' S/O RANDALL AVE	40	48	49	73	52	20	24" DIA	BRONX RIVER (W)
90	HP-403	50' S/O RANDALL AVE	40	48	50	73	52	21	8" DIA	BRONX RIVER (W)
91	HP-110	SPOFFORD AVE	40	48	58	73	52	44	54" DIA	BRONX RIVER (W)
92	HP-111	800' N/O SPOFFORD AVE	40	49	1	73	52	47	54" DIA	BRONX RIVER (W)
93	HP-112	1300' N/O SPOFFORD AVE	40	49	3	73	52	51	10" DIA	BRONX RIVER (W)
94	HP-342	LAFAYETTE AVENUE	40	49	5	73	52	53	36" DIA	BRONX RIVER (W)
95	HP-404	RANDALL AVE (ACROSS FROM HP-009)	40	48	50	73	52	21	6" DIA	BRONX RIVER (W)
96	HP-813	UNDER WESTCHESTER AVE BRIDGE (S)	40	49	41	73	53	2	4" DIA	BRONX RIVER (W)
97	HP-405	WESTCHESTER AVE BRIDGE (S-SIDE)	40	49	42	73	53	2	8" DIA	BRONX RIVER (W)
98	HP-814	WESTCHESTER AVE BRIDGE	40	49	42	73	53	2	12" DIA	BRONX RIVER (W)
99	HP-815	WESTCHESTER AVE BRIDGE	40	49	42	73	53	2	6" DIA	BRONX RIVER (W)
100	HP-816	WESTCHESTER AVE BRIDGE	40	49	42	73	53	2	6" DIA	BRONX RIVER (W)
101	HP-817	WESTCHESTER AVE BRIDGE	40	49	42	73	53	2	6" DIA	BRONX RIVER (W)
102	HP-406	WESTCHESTER AVE BRIDGE	40	49	42	73	53	2	6" DIA	BRONX RIVER (W)

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	HP-818	WESTCHESTER AVE BRIDGE (N-SIDE)	40	49	42	73	53	2	12" DIA	BRONX RIVER (W)
104	HP-550	20' N/O WESTCHESTER AVE BRIDGE	40	49	42	73	53	2	4" DIA	BRONX RIVER (W)
105	HP-819	JENNINGS STREET	40	49	49	73	53	4	6" DIA	BRONX RIVER (W)
106	HP-551	50' N/O JENNINGS STREET	40	49	49	73	53	4	4" DIA	BRONX RIVER (W)
107	HP-552	75' N/O JENNINGS STREET	40	49	50	73	53	3	4" DIA	BRONX RIVER (W)
108	HP-344	800' N/O SOUTH WATER FALL (BX ZOO, MEADOW N)	40	50	45	73	52	31	12" DIA	BRONX RIVER (E)
109	HP-407	800' N/O SOUTH WATER FALL (BRONX ZOO)	40	50	45	73	52	31	6" DIA	BRONX RIVER (E)
110	HP-408	800' N/O SOUTH WATER FALL (BRONX ZOO)	40	50	45	73	52	31	6" DIA	BRONX RIVER (E)
111	HP-409	300" S/O S/MONORAIL BRIDGE (BRONX ZOO)	40	50	40	73	52	34	6" DIA	BRONX RIVER (W)
112	HP-410	315' S/O S/MONORAIL BRIDGE (BRONX ZOO)	40	50	40	73	52	34	6" DIA	BRONX RIVER (W)
113	HP-349	1000' N/O N/MONORAIL BRIDGE (BRONX ZOO)	40	50	57	73	52	24	30" DIA	BRONX RIVER (E)
114	HP-350	360' N/O SOUTH WATERFALL (MEADOW S / BX ZOO)	40	50	42	73	52	31	12" DIA	BRONX RIVER (E)
115	HP-351	600' S/O BOSTON RD (BX DALE PARKING LOT / BX ZOO)	40	51	5	73	52	24	12" DIA	BRONX RIVER (E)
116	HP-177	75' S/O S MONORAIL BRIDGE (BRONX ZOO)	40	50	42	73	52	32	10" DIA	BRONX RIVER (W)
117	HP-178	74' S/O S MONORAIL BRIDGE (BRONX ZOO)	40	50	42	73	52	32	10" DIA	BRONX RIVER (W)
118	HP-316	100' N/O N MONORAIL BRIDGE (BRONZ ZOO)	40	50	49	73	52	29	36" DIA	BRONX RIVER (W)
119	HP-917	BOSTON ROAD BRIDGE (S) (BRONX ZOO)	40	51	10	73	52	27	8" DIA	BRONX RIVER (W)
120	HP-568	75' N/O BOSTON RD BRIDGE(S)(BRONX ZOO)	40	51	11	73	52	27	4" DIA	BRONX RIVER (W)
121	HP-918	100' N/O BOSTON RD BRIDGE (BRONX ZOO)	40	51	11	73	52	28	12" DIA	BRONX RIVER (W)
122	HP-569	125' N/O BOSTON RD BRIDGE (BRONX ZOO)	40	51	11	73	52	28	4" DIA	BRONX RIVER (W)
123	HP-524	1500' S/O FORDHAM ROAD (BRONX ZOO)	40	51	14	73	52	32	10" DIA	BRONX RIVER (W)
124	HP-352	25' N/O FORDHAM RD	40	51	20	73	52	37	16" DIA	BRONX RIVER (W)
125	HP-353	40' N/O FORDHAM RD	40	51	21	73	52	37	12" DIA	BRONX RIVER (W)
126	HP-923	S/O FORDHAM ROAD	40	51	19	73	52	37	6" DIA	BRONX RIVER (W)
127	HP-924	S/O FORDHAM ROAD	40	51	19	73	52	37	6" DIA	BRONX RIVER (W)
128	HP-608	S/O E. FORDHAM RD (BOTANICAL GDNS)	40	51	19	73	52	37	2' X 3'	BRONX RIVER (W)
129	HP-397	400' N/O FORDHAM RD (BOTANICAL GDNS)	40	51	24	73	52	38	2' X 3'	BRONX RIVER (W)
130	HP-519	W/O MAGNOLIA BRIDGE (BOTANICAL GDNS)	40	52	3	73	52	38	2" DIA	TWIN LAKE (N)
131	HP-520	250' W/O MAGNOLIA BR (BOTANICAL GDNS)	40	52	3	73	52	37	18" DIA	TWIN LAKE (N)
132	HP-521	900' N/O MAGNOLIA BR (BOTANICAL GDNS)	40	52	4	73	52	39	4" DIA	TWIN LAKE (W)
133	HP-522	910' N/O MAGNOLIA BR (BOTANICAL GDNS)	40	52	5	73	52	35	4" DIA	TWIN LAKE (E)
134	HP-925	200' S/O GUN HILL ROAD	40	52	39	73	52	8	12" DIA	BRONX RIVER (W)
135	HP-926	GUN HILL ROAD	40	52	41	73	52	7	48" DIA	BRONX RIVER (W)
136	HP-927	200' S/O 216TH STREET	40	52	55	73	52	6	10" DIA	BRONX RIVER (W)
137	HP-181	190' S/O 216TH STREET	40	52	55	73	52	6	DBL 42" DIA	BRONX RIVER (W)
138	HP-986	220TH STREET	40	53	8	73	52	2	18" DIA	BRONX RIVER (W)
139	HP-182	300' S/O 222ND STREET	40	53	11	73	52	0	36" DIA	BRONX RIVER (W)
140	HP-183	225TH STREET	40	53	21	73	51	55	36" DIA	BRONX RIVER (W)
141	HP-627	S/O 233RD STREET	40	53	42	73	51	44	48" DIA	BRONX RIVER (W)
142	HP-621	233RD STREET	40	53	42	73	51	44	24" DIA	BRONX RIVER (E)
143	HP-411	231ST STREET	40	53	36	73	51	44	8" DIA	BRONX RIVER (E)
144	HP-939	150' S/O 219TH STREET	40	53	4	73	52	2	18" DIA	BRONX RIVER (E)
145	HP-940	450' N/O BURKE AVE	40	52	22	73	52	21	18" DIA	BRONX RIVER (E)
146	HP-941	200' N/O BURKE AVE	40	52	20	73	52	20	18" DIA	BRONX RIVER (E)
147	HP-942	350' S/O BURKE AVE	40	52	15	73	52	23	18" DIA	BRONX RIVER (E)
148	HP-943	350' N/O MOSHOLU PKWY	40	52	3	73	52	24	18" DIA	BRONX RIVER (E)
149	HP-191	60' S/O MOSHOLU PKWY (BOTANICAL GDNS)	40	52	0	73	52	28	18" DIA	BRONX RIVER (E)
150	HP-412	40' S/O MAGNOLIA BR	40	51	55	73	52	30	6" DIA	BRONX RIVER (E)
151	HP-525	1200' N/O BOTANICAL GDNS WATERFALL	40	51	44	73	52	28	12" DIA	BRONX RIVER (E)
152	HP-413	175' N/O BOTANICAL GDNS BRIDGE	40	51	42	73	52	30	8" DIA	BRONX RIVER (E)
153	HP-503	150' N/O BOTANICAL GDNS BRIDGE	40	51	41	73	52	30	2" DIA	BRONX RIVER (E)

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	HP-192	1550' N/O SNUFF MILL RD (BOTANICAL GDNS)	40	51	35	73	52	35	10" DIA	BRONX RIVER (E)
155	HP-414	1530' N/O SNUFF MILL RD (BOTANICAL GDNS)	40	51	35	73	52	35	6" DIA	BRONX RIVER (E)
156	HP-505	1520' N/O SNUFF MILL RD (BOTANICAL GDNS)	40	51	35	73	52	35	6" DIA	BRONX RIVER (E)
157	HP-548	1510' N/O SNUFF MILL RD (BOTANICAL GDNS)	40	51	35	73	52	35	4" DIA	BRONX RIVER (E)
158	HP-944	400' N/O SNUFF MILL RD (BOTANICAL GDNS)	40	51	24	73	52	37	8" DIA	BRONX RIVER (E)
159	HP-357	2' S/O SNUFF MILL ROAD	40	51	20	73	52	36	12" DIA	BRONX RIVER (E)
160	HP-415	100' N/O SNUFF MILL ROAD (BOTANICAL GDNS)	40	51	21	73	52	36	8" DIA	BRONX RIVER (E)
161	HP-196	20' N/O SNUFF MILL RD (BOTANICAL GDNS)	40	51	21	73	52	36	10" DIA	BRONX RIVER (E)
162	HP-197	10' S/O FORDHAM ROAD (BRONX ZOO)	40	51	19	73	52	36	10" DIA	BRONX RIVER (E)
163	HP-920	500' S/O FORDHAM ROAD (BRONX ZOO)	40	51	15	73	52	33	36" DIA	BRONX RIVER (E)
164	HP-921	BOSTON ROAD BRIDGE (N)	40	51	11	73	52	27	8" DIA	BRONX RIVER (E)
165	HP-501	50' WESTCHESTER AVE	40	49	43	73	53	0	8" DIA	BRONX RIVER (E)
166	HP-512	40' N/O WESTCHESTER AVE	40	49	43	73	53	1	4" DIA	BRONX RIVER (E)
167	HP-513	30' N/O WESTCHESTER AVE	40	49	43	73	53	1	3" DIA	BRONX RIVER (E)
168	HP-514	29' N/O WESTCHESTER AVE	40	49	43	73	53	1	3" DIA	BRONX RIVER (E)
169	HP-116	5' N/O WESTCHESTER AVE	40	49	42	73	53	1	15" DIA	BRONX RIVER (E)
170	HP-553	WESTCHESTER AVE BRIDGE	40	49	42	73	53	1	4" DIA	BRONX RIVER (E)
171	HP-820	UNDER WESTCHESTER AVE BRIDGE	40	49	42	73	53	1	6" DIA	BRONX RIVER (E)
172	HP-821	UNDER WESTCHESTER AVE BRIDGE	40	49	42	73	53	1	6" DIA	BRONX RIVER (E)
173	HP-822	20' S/O UNDER WESTCHESTER AVE BRIDGE	40	49	41	73	53	1	6" DIA	BRONX RIVER (E)
174	HP-416	200' N/O WATSON AVE	40	49	33	73	53	4	6" DIA	BRONX RIVER (E)
175	HP-417	180' N/O WATSON AVE	40	49	33	73	53	4	6" DIA	BRONX RIVER (E)
176	HP-418	160' N/O WATSON AVE	40	49	33	73	53	4	6" DIA	BRONX RIVER (E)
177	HP-419	140' N/O WATSON AVE	40	49	32	73	53	4	6" DIA	BRONX RIVER (E)
178	HP-420	120' N/O WATSON AVE	40	49	32	73	53	4	6" DIA	BRONX RIVER (E)
179	HP-421	100' N/O WATSON AVE	40	49	32	73	53	4	6" DIA	BRONX RIVER (E)
180	HP-823	75' N/O WATSON AVE	40	49	32	73	53	4	24" DIA	BRONX RIVER (E)
181	HP-422	60' N/O WATSON AVE	40	49	32	73	53	4	6" DIA	BRONX RIVER (E)
182	HP-423	WATSON AVE	40	49	31	73	53	4	6" DIA	BRONX RIVER (E)
183	HP-824	S/O WATSON AVE	40	49	31	73	53	4	8" DIA	BRONX RIVER (E)
184	HP-825	50' S/O WATSON AVE	40	49	30	73	53	4	8" DIA	BRONX RIVER (E)
185	HP-424	75' S/O WATSON AVE	40	49	30	73	53	4	8" DIA	BRONX RIVER (E)
186	HP-988	5' N/O BRUKNER EXPRESSWAY BR (HIGH WAY DRAIN)	40	49	23	73	53	3	2'X1'	BRONX RIVER (E)
187	HP-425	125' N/O BRUKNER EXPRESSWAY BR	40	49	24	73	53	3	6" DIA	BRONX RIVER (E)
188	HP-426	200' N/O BRUKNER EXPRESSWAY BR	40	49	25	73	53	3	6" DIA	BRONX RIVER (E)
189	HP-826	UNDER BRUCKNER EXPWY BRIDGE	40	49	22	73	53	3	4" DIA	BRONX RIVER (E)
190	HP-827	BRUCKNER EXPWY BRIDGE (SOUTH SIDE)	40	49	21	73	53	3	12" DIA	BRONX RIVER (E)
191	HP-427	500' S/O BRUKNER EXPRESSWAY BR	40	49	18	73	53	0	8" DIA	BRONX RIVER (E)
192	HP-572	480' S/O BRUKNER EXPRESSWAY BR	40	49	18	73	53	0	4" DIA	BRONX RIVER (E)
193	HP-428	1000' S/O BRUKNER EXPRESSWAY BR	40	49	14	73	52	58	8" DIA	BRONX RIVER (E)
194	HP-536	1000' N/O JENNINGS STREET	40	49	54	73	53	2	2" DIA	BRONX RIVER (W)
195	HP-573	995' N/O JENNINGS STREET	40	49	54	73	53	2	4" DIA	BRONX RIVER (W)
196	HP-574	990' N/O JENNINGS STREET	40	49	53	73	53	2	4" DIA	BRONX RIVER (W)
197	HP-575	985' N/O JENNINGS STREET	40	49	54	73	53	2	4" DIA	BRONX RIVER (W)
198	HP-576	980' N/O JENNINGS STREET	40	49	54	73	53	2	4" DIA	BRONX RIVER (W)
199	HP-577	975' N/O JENNINGS STREET	40	49	54	73	53	2	4" DIA	BRONX RIVER (W)
200	HP-578	945' N/O JENNINGS STREET	40	49	54	73	53	2	4" DIA	BRONX RIVER (W)
201	HP-429	935' N/O JENNINGS STREET	40	49	54	73	53	2	6" DIA	BRONX RIVER (W)
202	HP-430	30' N/O JENNINGS STREET	40	49	49	73	53	4	6" DIA	BRONX RIVER (W)
203	HP-546	30' N/O JENNINGS STREET	40	49	49	73	53	4	3" DIA	BRONX RIVER (W)
204	HP-547	15' N/O JENNINGS STREET	40	49	49	73	53	4	3" DIA	BRONX RIVER (W)

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	HP-431	10' N/O JENNINGS STREET	40	49	49	73	53	4	6" DIA	BRONX RIVER (W)
206	HP-432	JENNINGS STREET	40	49	49	73	53	4	6" DIA	BRONX RIVER (W)
207	HP-537	95' N/O WATSON AVANUE	40	49	32	73	53	4	2" DIA	BRONX RIVER (E)
208	HP-583	85' N/O WATSON AVANUE	40	49	32	73	53	4	4" DIA	BRONX RIVER (E)
209	HP-584	80' N/O WATSON AVANUE	40	49	32	73	53	4	4" DIA	BRONX RIVER (E)
210	HP-585	300' N/O BRUKNER EXPRESSWAY BR	40	49	24	73	53	6	4" DIA	BRONX RIVER (W)
211	HP-586	305' N/O BRUKNER EXPRESSWAY BR	40	49	24	73	53	6	4" DIA	BRONX RIVER (W)
212	HP-587	310' N/O BRUKNER EXPRESSWAY BR	40	49	24	73	53	6	4" DIA	BRONX RIVER (W)
213	HP-433	315' N/O BRUKNER EXPRESSWAY BR	40	49	24	73	53	6	6" DIA	BRONX RIVER (W)
214	HP-588	320' N/O BRUKNER EXPRESSWAY BR	40	49	24	73	53	6	4" DIA	BRONX RIVER (W)
215	HP-434	325' N/O BRUKNER EXPRESSWAY BR	40	49	25	73	53	6	6" DIA	BRONX RIVER (W)
216	HP-589	330' N/O BRUKNER EXPRESSWAY BR	40	49	25	73	53	6	4" DIA	BRONX RIVER (W)
217	HP-590	335' N/O BRUKNER EXPRESSWAY BR	40	49	25	73	53	6	4" DIA	BRONX RIVER (W)
218	HP-008	LAFAYETTE AVE & COLGATE AVENUE	40	49	7	73	52	51	54" DIA	BRONX RIVER (E)
219	HP-0006165	LORAL CORPORATION (STORY AVENUE)	40	49	15	73	52	58	4" DIA	BRONX RIVER (E)
220	HP-828	25' S/O LORAL CORPORATION (NORTH SIDE)	40	49	15	73	52	58	6" DIA	BRONX RIVER (E)
221	HP-579	25' S/O LORAL CORPORATION (NORTH SIDE)	40	49	15	73	52	58	4" DIA	BRONX RIVER (E)
222	HP-535	25' S/O LORAL CORPORATION (NORTH SIDE)	40	49	15	73	52	58	2" DIA	BRONX RIVER (E)
223	HP-580	30' S/O LORAL CORPORATION (NORTH SIDE)	40	49	15	73	52	58	4" DIA	BRONX RIVER (E)
224	HP-829	40' S/O LORAL CORPORATION (NORTH SIDE)	40	49	15	73	52	58	6" DIA	BRONX RIVER (E)
225	HP-830	125' S/O LORAL CORPORATION (NORTH SIDE)	40	49	14	73	52	58	6" DIA	BRONX RIVER (E)
226	HP-831	175' S/O LORAL CORPORATION (NORTH SIDE)	40	49	14	73	52	58	6" DIA	BRONX RIVER (E)
227	HP-832	225' S/O LORAL CORPORATION (NORTH SIDE)	40	49	13	73	52	57	6" DIA	BRONX RIVER (E)
228	HP-009	RANDALL AVENUE & METCALF AVENUE (REG #13)	40	48	54	73	52	18	14' X 8'	BRONX RIVER (E)
229	HP-010	LACOMBE AVENUE	40	48	50	73	52	13	9' X 6'	BRONX RIVER (E)
230	HP-435	UNDERHILL AVENUE	40	48	19	73	51	23	8" DIA	EAST RIVER (W)
231	HP-011	WHITE PLANES ROAD (REG #5)	40	48	16	73	51	18	DBL 13' X 9'	EAST RIVER (W)
232	HP-526	150' S/O SOUNDVIEW AVENUE	40	48	28	73	50	57	12" DIA	PUGSLEY CREEK (W)
233	HP-504	BETTS AVENUE	40	48	48	73	51	3	4" DIA PVC	PUGSLEY CREEK (W)
234	HP-013	NEWMAN AVENUE (CSO-24)	40	48	52	73	51	19	10' 6" X 8'	PUGSLEY CREEK (N)
235	HP-972	HART STREET	40	48	40	73	50	51	8" DIA	PUGSLEY CREEK (E)
236	HP-651	50' E/O CASTLE HILL AVENUE	40	48	41	73	50	45	15" DIA	WESTCHESTER CREEK (W)
237	HP-515	190' S/O LACOMBE AVENUE	40	49	0	73	50	34	10" DIA	WESTCHESTER CREEK (W)
238	HP-516	150' S/O LACOMBE AVENUE	40	49	1	73	50	34	8" DIA	WESTCHESTER CREEK (W)
239	HP-517	100' S/O LACOMBE AVENUE	40	49	1	73	50	34	10" DIA	WESTCHESTER CREEK (W)
240	HP-118	LACOMBE AVENUE	40	49	2	73	50	33	2' X 4'	WESTCHESTER CREEK (W)
241	HP-392	S/O SEWARD AVENUE	40	49	18	73	50	23	16" DIA	WESTCHESTER CREEK (W)
242	HP-012	LAFAYETTE AVENUE (CSO-23A)	40	49	27	73	50	27	12' X 8'	WESTCHESTER CREEK (W)
243	HP-119	TURNBULL AVENUE	40	49	30	73	50	28	10" DIA	WESTCHESTER CREEK (W)
244	HP-120	25' N/O TURNBULL AVENUE	40	49	30	73	50	29	10" DIA	WESTCHESTER CREEK (W)
245	HP-121	HERMANY STREET	40	49	32	73	50	30	10" DIA	WESTCHESTER CREEK (W)
246	HP-305	25' N/O HERMANY STREET	40	49	32	73	50	30	10" DIA	WESTCHESTER CREEK (W)
247	HP-306	75' N/O HERMANY STREET	40	49	33	73	50	30	12" DIA	WESTCHESTER CREEK (W)
248	HP-436	50' S/O STORY AVENUE	40	49	34	73	50	31	8" DIA	WESTCHESTER CREEK (W)
249	HP-122	STORY AVENUE	40	49	35	73	50	31	12" DIA	WESTCHESTER CREEK (W)
250	HP-123	QUIMBY AVENUE	40	49	38	73	50	32	10" DIA	WESTCHESTER CREEK (W)
251	HP-033	S/O BRUCKNER BLVD & E/O ZEREGA AVE (CSO-23)	40	49	41	73	50	34	DBL 10' 6" X 9'	WESTCHESTER CREEK (W)
252	HP-835	POWELL AVENUE	40	49	56	73	50	29	8" DIA	WESTCHESTER CREEK (W)
253	HP-836	3' N/O POWELL AVENUE	40	49	56	73	50	28	8" DIA	WESTCHESTER CREEK (W)
254	HP-0028614	GLEASON AVENUE (CIBRO)	40	49	59	73	50	25	8" DIA	WESTCHESTER CREEK (W)
255	HP-034	NEWBOLD AVENUE (COMMERCE STREET PS)	40	50	6	73	50	23	60" DIA	WESTCHESTER CREEK (W)

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
256	HP-0005681-001	BUTLER PLACE	40	50	19	73	50	24	6" DIA	WESTCHESTER CREEK (W)
257	HP-838	FERRIS PLACE (SCHILDWATCHER OIL CO)	40	50	20	73	50	24	24" DIA	WESTCHESTER CREEK (W)
258	HP-0087874-001	10' N/O FERRIS PLACE	40	50	20	73	50	24	15" DIA	WESTCHESTER CREEK (W)
259	HP-127	50' N/O FERRIS PLACE	40	50	20	73	50	24	10" DIA	WESTCHESTER CREEK (W)
260	HP-839	DOCK STREET	40	50	22	73	50	25	8" DIA	WESTCHESTER CREEK (W)
261	HP-014	E.TREMONT AVENUE (CSO-29, 29A)	40	50	22	73	50	24	14' X 8' 6"	WESTCHESTER CREEK (N)
262	HP-634	E. TREMONT AVENUE	40	50	22	73	50	23	84" DIA	WESTCHESTER CREEK (N)
263	HP-128	DUDLEY AVENUE (LEHMAN HIGH SCHOOL)	40	50	18	73	50	22	10" DIA	WESTCHESTER CREEK (E)
264	HP-840	100' S/O DUDLEY AVENUE	40	50	17	73	50	22	10" DIA	WESTCHESTER CREEK (E)
265	HP-989	100' N/O LATTING STREET (CSO-22)	40	50	16	73	50	22	24" DIA	WESTCHESTER CREEK (E)
266	HP-015	LATTING STREET (CSO-22)	40	50	15	73	50	22	4'9"X4'	WESTCHESTER CREEK (E)
267	HP-129	S/O WATERBURY AVENUE	40	50	6	73	50	21	48" DIA	WESTCHESTER CREEK (E)
268	HP-130	200' S/O WATERBURY AVENUE	40	50	4	73	50	20	48" DIA	WESTCHESTER CREEK (E)
269	HP-131	300' S/O WATERBURY AVENUE	40	50	3	73	50	20	18" DIA	WESTCHESTER CREEK (E)
270	HP-973	100' N/O WATSON AVENUE	40	49	51	73	50	30	24" DIA	WESTCHESTER CREEK (E)
271	HP-842	WATSON AVENUE	40	49	51	73	50	31	10" DIA	WESTCHESTER CREEK (E)
272	HP-132	50' S/O WATSON AVENUE	40	49	50	73	50	31	30" DIA	WESTCHESTER CREEK (E)
273	HP-133	60' S/O WATSON AVENUE	40	49	50	73	50	31	24" DIA	WESTCHESTER CREEK (E)
274	HP-990	CROSS BRONX EXPRESSWAY	40	49	45	73	50	32	36" DIA	WESTCHESTER CREEK (E)
275	HP-016	BRUCKNER EXPRESSWAY (REG #4)	40	49	42	73	50	32	10' X 8'6"	WESTCHESTER CREEK (E)
276	HP-602	LAFAYETTE AVENUE	40	49	28	73	50	25	36" DIA	WESTCHESTER CREEK (E)
277	HP-399	LAFAYETTE AVENUE (SOUTH)	40	49	28	73	50	25	18" DIA	WESTCHESTER CREEK (E)
278	HP-844	50' S/O WENNER PLACE	40	49	20	73	50	21	6" DIA	WESTCHESTER CREEK (E)
279	HP-845	100' S/O WENNER PLACE	40	49	20	73	50	20	4" DIA	WESTCHESTER CREEK (E)
280	HP-846	250' S/O WENNER PLACE	40	49	18	73	50	20	4" DIA	WESTCHESTER CREEK (E)
281	HP-635	RANDALL AVENUE	40	49	11	73	50	19	24" DIA	WESTCHESTER CREEK (E)
282	HP-136	10' S/O SCHLEY AVENUE	40	48	59	73	50	23	36" DIA	WESTCHESTER CREEK (E)
283	HP-137	20' S/O SCHLEY AVENUE	40	48	59	73	50	23	60" DIA	WESTCHESTER CREEK (E)
284	HP-017	EMERSON AVENUE (REG #11)	40	48	41	73	49	34	14' X 8'	EAST RIVER (N)
285	HP-018	ROBINSON AVENUE (REG #12)	40	48	43	73	49	28	6' 4" X 4'	EAST RIVER (N)
286	HP-019	CALHOUN AVENUE (REG #3)	40	48	49	73	49	0	7' X 5'6"	EAST RIVER (N)
287	HP-437	50' S/O E. TREMONT AVENUE	40	48	49	73	48	53	6" DIA	EAST RIVER (N)
288	HP-511	#97 HOLLYWOOD AVENUE	40	48	48	73	48	47	4" DIA	EAST RIVER (N)
289	HP-020	THROGS NECK BOULEVARD (REG #2A)	40	48	46	73	48	39	8' X 6'6"	EAST RIVER (N)
290	HP-021	PENNYFIELD AVENUE (REG #2)	40	48	31	73	48	14	6'3" X 6'6"	EAST RIVER (N)
291	HP-849	2000' SE/O PENNYFIELD AVENUE	40	48	33	73	48	9	6" DIA	EAST RIVER (N)
292	HP-975	100' W/O MARITIME ACADEMY GATE	40	48	33	73	48	8	8" DIA	EAST RIVER (N)
293	HP-438	5' E/O MARITIME ACADEMY BOAT HOUSE	40	48	23	73	47	47	6" DIA	EAST RIVER (N)
294	HP-439	5' E/O MARITIME ACADEMY BOAT HOUSE	40	48	23	73	47	47	8" DIA	EAST RIVER (N)
295	HP-538	10' E/O MARITIME ACADEMY BOAT HOUSE	40	48	23	73	47	47	3" DIA	EAST RIVER (N)
296	HP-440	50' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	46	8" DIA	EAST RIVER (N)
297	HP-539	60' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	46	3" DIA	EAST RIVER (N)
298	HP-540	75' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	46	3" DIA	EAST RIVER (N)
299	HP-441	80' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	46	6" DIA	EAST RIVER (N)
300	HP-541	90' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	45	3" DIA	EAST RIVER (N)
301	HP-542	100' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	45	3" DIA	EAST RIVER (N)
302	HP-543	110' E/O MARITIME ACADEMY BOAT HOUSE	40	48	22	73	47	45	3" DIA	EAST RIVER (N)
303	HP-976	THROGS NECK BRIDGE (EAST SIDE)	40	48	15	73	47	36	10" DIA	EAST RIVER (N)
304	HP-442	350' E/O THROGS NECK BRIDGE	40	48	15	73	47	34	6" DIA	EAST RIVER (N)
305	HP-443	400' E/O THROGS NECK BRIDGE (EAST SIDE)	40	48	15	73	47	33	6" DIA	EAST RIVER (N)
306	HP-554	450' E/O THROGS NECK BRIDGE (EAST SIDE)	40	48	15	73	47	33	4" DIA	EAST RIVER (N)

HUNTS POINT

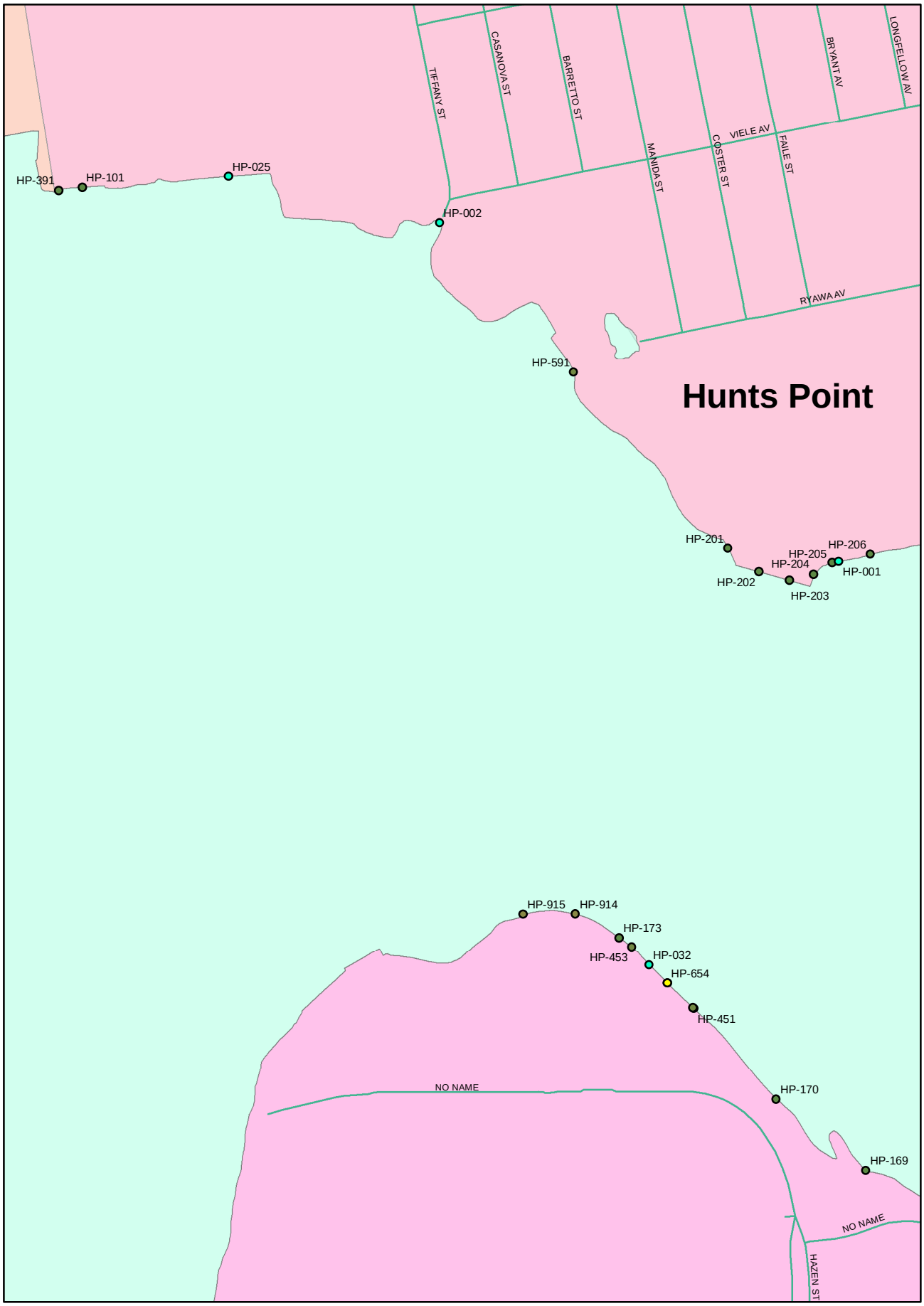
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
307	HP-506	550' E/O THROGS NECK BRIDGE (EAST SIDE)	40	48	15	73	47	32	10" DIA	EAST RIVER (N)
308	HP-858	2000' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	17	73	47	26	10" DIA	EAST RIVER (W)
309	HP-859	400' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	20	73	47	24	4" DIA	EAST RIVER (W)
310	HP-555	375' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	20	73	47	25	4" DIA	EAST RIVER (W)
311	HP-556	370' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	20	73	47	25	4" DIA	EAST RIVER (W)
312	HP-557	369' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	20	73	47	25	4" DIA	EAST RIVER (W)
313	HP-558	300' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	21	73	47	25	4" DIA	EAST RIVER (W)
314	HP-559	299' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	21	73	47	25	4" DIA	EAST RIVER (W)
315	HP-860	200' S/O MARITIME ACADEMY NORTHEAST JETTY	40	48	22	73	47	25	10" DIA	EAST RIVER (W)
316	HP-444	650' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	25	73	47	29	8" DIA	EAST RIVER (S)
317	HP-977	575' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	25	73	47	31	10" DIA	EAST RIVER (S)
318	HP-861	500' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	25	73	47	32	10" DIA	EAST RIVER (S)
319	HP-862	400' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	25	73	47	33	10" DIA	EAST RIVER (S)
320	HP-863	300' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	25	73	47	34	8" DIA	EAST RIVER (S)
321	HP-138	245' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	26	73	47	35	18" DIA	EAST RIVER (S)
322	HP-864	225' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	26	73	47	35	8" DIA	EAST RIVER (S)
323	HP-865	150' E/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	26	73	47	36	8" DIA	EAST RIVER (S)
324	HP-866	THROGS NECK BRIDGE (WEST) (MARITIME ACADEMY)	40	48	27	73	47	38	8" DIA	EAST RIVER (S)
325	HP-139	10' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	27	73	47	38	12" DIA	EAST RIVER (S)
326	HP-867	25' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	27	73	47	38	8" DIA	EAST RIVER (S)
327	HP-868	75' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	27	73	47	39	8" DIA	EAST RIVER (S)
328	HP-445	175' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	28	73	47	40	8" DIA	EAST RIVER (S)
329	HP-141	275' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	28	73	47	41	18" DIA	EAST RIVER (S)
330	HP-869	280' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	28	73	47	41	8" DIA	EAST RIVER (S)
331	HP-870	330' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	29	73	47	42	8" DIA	EAST RIVER (S)
332	HP-871	430' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	29	73	47	43	8" DIA	EAST RIVER (S)
333	HP-872	480' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	29	73	47	43	8" DIA	EAST RIVER (S)
334	HP-873	580' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	30	73	47	44	8" DIA	EAST RIVER (S)
335	HP-874	630' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	30	73	47	45	8" DIA	EAST RIVER (S)
336	HP-875	680' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	30	73	47	46	8" DIA	EAST RIVER (S)
337	HP-142	730' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	31	73	47	46	10" DIA	EAST RIVER (S)
338	HP-876	780' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	31	73	47	47	8" DIA	EAST RIVER (S)
339	HP-877	830' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	31	73	47	47	8" DIA	EAST RIVER (S)
340	HP-143	880' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	31	73	47	48	10" DIA	EAST RIVER (S)
341	HP-878	930' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	32	73	47	48	8" DIA	EAST RIVER (S)
342	HP-879	980' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	32	73	47	49	8" DIA	EAST RIVER (S)
343	HP-144	1055' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	32	73	47	50	15" DIA	EAST RIVER (S)
344	HP-880	1105' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	32	73	47	50	8" DIA	EAST RIVER (S)
345	HP-881	1155' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	33	73	47	51	8" DIA	EAST RIVER (S)
346	HP-882	1255' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	33	73	47	52	10" DIA	EAST RIVER (S)
347	HP-978	1285' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	33	73	47	52	8" DIA	EAST RIVER (S)
348	HP-883	1355' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	34	73	47	53	8" DIA	EAST RIVER (S)
349	HP-884	1430' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	34	73	47	54	10" DIA	EAST RIVER (S)
350	HP-885	1530' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	35	73	47	55	10" DIA	EAST RIVER (S)
351	HP-886	1630' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	35	73	47	59	10" DIA	EAST RIVER (S)
352	HP-887	1730' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	35	73	47	57	10" DIA	EAST RIVER (S)
353	HP-888	1830' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	35	73	47	59	8" DIA	EAST RIVER (S)
354	HP-889	2030' W/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	35	73	48	0	10" DIA	EAST RIVER (S)
355	HP-581	1000' S/O THROGS NECK BRIDGE	40	48	50	73	48	2	4" DIA PVC	EAST RIVER (W)
356	HP-446	950' S/O THROGS NECK BRIDGE	40	48	50	73	48	1	6" DIA	EAST RIVER (W)
357	HP-560	850' S/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	51	73	48	0	4" DIA	EAST RIVER (W)

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
358	HP-561	820' S/O THROGS NECK BRIDGE (MARITIME ACADEMY)	40	48	52	73	48	60	4" DIA	EAST RIVER (W)
359	HP-022	E 177TH STREET (REG #1)	40	48	56	73	47	51	8" X 8"	EASTCHESTER BAY (W)
360	HP-307	500' NW/O THROGS NECK BRIDGE TOLL PLAZA	40	49	3	73	47	60	10" DIA	EASTCHESTER BAY (W)
361	HP-582	650' NW/O THROGS NECK BRIDGE TOLL PLAZA	40	49	3	73	48	2	4" DIA PVC	EASTCHESTER BAY (W)
362	HP-890	50' S/O SAMPSON AVENUE	40	49	26	73	48	24	6" DIA	EASTCHESTER BAY (W)
363	HP-447	SAMPSON AVENUE	40	49	27	73	48	23	8" DIA	EASTCHESTER BAY (W)
364	HP-891	100' N/O SAMPSON AVENUE	40	49	28	73	48	24	8" DIA	EASTCHESTER BAY (W)
365	HP-892	CENTRE STREET	40	49	31	73	48	35	6" DIA	WEIR CREEK (S)
366	HP-308	102' E/O PENNYFIELD AVENUE	40	49	27	73	48	47	10" DIA	WEIR CREEK (S)
367	HP-309	100' E/O PENNYFIELD AVENUE	40	49	27	73	48	47	10" DIA	WEIR CREEK (S)
368	HP-518	100' S/O DEWEY AVENUE (REG #14)	40	49	26	73	48	49	16" DIA	WEIR CREEK (S)
369	HP-026	ELLESWORTH AVENUE (REG #14)	40	49	27	73	48	50	9' X 8'	WEIR CREEK (W)
370	HP-631	RANDALL AVENUE	40	49	47	73	48	51	48" DIA	EASTCHESTER BAY (W)
371	HP-648	LAYTON AVE	40	50	9	73	48	59	14' X 7'	EASTCHESTER BAY (E)
372	HP-643	LUCERNE STREET	40	50	34	73	48	58	36" DIA	EASTCHESTER BAY (W)
373	HP-393	GRISWOLD AVE (RADIO DRIVE)	40	50	39	73	49	5	14" DIA	EASTCHESTER BAY (W)
374	HP-028	OUTLOOK AVENUE (CSO #20)	40	50	35	73	48	52	12" DIA	EASTCHESTER BAY (W)
375	HP-395	100' S/O WATT AVENUE (CSO #21)	40	50	54	73	48	56	16" DIA	EASTCHESTER BAY (W)
376	HP-029	WATT AVENUE (CSO #21)	40	50	55	73	48	55	15" DIA	EASTCHESTER BAY (W)
377	HP-502	1000' N/O WATT AVENUE	40	51	1	73	48	57	36" DIA	EASTCHESTER BAY (W)
378	HP-175	1500' N/O WATT AVENUE	40	51	6	73	49	2	72" DIA	EASTCHESTER BAY (W)
379	HP-176	2000' N/O WATT AVENUE	40	51	11	73	49	1	72" DIA FLAP	EASTCHESTER BAY (W)
380	HP-448	PELHAM LANDFILL (SOUTH SIDE)	40	51	15	73	48	53	8" DIA	EASTCHESTER BAY
381	HP-148	250 N/O PELHAM LANDFILL (SOUTHEAST SIDE)	40	51	19	73	48	45	36" DIA	EASTCHESTER BAY
382	HP-895	1000' S/O SHORE DRIVE	40	51	36	73	48	49	4" DIA	EASTCHESTER BAY
383	HP-396	500' S/O ERSKINE PL (W/O SHORE ROAD)	40	51	34	73	49	8	30" DIA	HUTCCHINSON RIVER (W)
384	HP-652	ERSKINE PLACE	40	51	46	73	49	10	30" DIA	HUTCCHINSON RIVER (W)
385	HP-641	ERSKINE PLACE	40	51	46	73	49	10	42" DIA	HUTCCHINSON RIVER (W)
386	HP-896	STILLWELL AVENUE	40	51	47	73	49	11	15" DIA	HUTCCHINSON RIVER (W)
387	HP-897	STILLWELL AVENUE	40	51	47	73	49	11	15" DIA	HUTCCHINSON RIVER (W)
388	HP-640	EINSTEIN LOOP NORTH	40	51	51	73	49	12	48" DIA	HUTCCHINSON RIVER (W)
389	HP-152	HUTCH RIVER PARKWAY (E)	40	52	1	73	49	12	36" DIA	HUTCCHINSON RIVER (W)
390	HP-898	10' S/O HUTCH DRAWBRIDGE	40	52	7	73	49	17	10" DIA	HUTCCHINSON RIVER (W)
391	HP-899	25' S/O HUTCH DRAWBRIDGE	40	52	7	73	49	16	10" DIA	HUTCCHINSON RIVER (W)
392	HP-006	BARTOW AVENUE (CO-OP CITY SOUTH PS)	40	52	8	73	49	19	15' 0" X 8' 6"	HUTCCHINSON RIVER (W)
393	HP-639	N/O BARTOW AVENUE	40	52	9	73	49	21	66" DIA	HUTCCHINSON RIVER (W)
394	HP-638	BELLAMY LOOP (SOUTH)	40	52	19	73	49	25	30" DIA	HUTCCHINSON RIVER (W)
395	HP-031	BELLAMY LOOP (NORTH)	40	52	26	73	49	25	72" DIA	HUTCCHINSON RIVER (W)
396	HP-310	200' N/O BELLAMY LOOP (NORTH)	40	52	29	73	49	25	12" DIA	HUTCCHINSON RIVER (W)
397	HP-157	CO-OP CITY BOULEVARD PARK	40	52	46	73	49	18	36" DIA	HUTCCHINSON RIVER (W)
398	HP-637	PEARTREE AVENUE	40	52	50	73	49	17	72" DIA	HUTCCHINSON RIVER (W)
399	HP-023	CONNOR STREET (REG #15)	40	52	50	73	49	17	12'0" X 6'6"	HUTCCHINSON RIVER (W)
400	HP-024	E. 233RD STREET (REG #15A)	40	53	16	73	49	27	12'6" X 10'	HUTCCHINSON RIVER (W)
401	HP-636	UNDER BOSTON ROAD BRIDGE	40	53	16	73	49	25	48" DIA	HUTCCHINSON RIVER (W)
402	HP-005	HOLLARS AVENUE (PUMP STATION)	40	53	12	73	49	13	12" DIA	HUTCCHINSON RIVER (E)
403	HP-900	15' N/O NEW ENGLAND THRUWAY BRIDGE	40	53	9	73	49	12	10" DIA	HUTCCHINSON RIVER (E)
404	HP-632	BEACH STREET (CITY ISLAND)	40	51	7	73	47	25	18" DIA	EASTCHESTER BAY (E)
405	HP-527	100' S/O NYC - PD SHOOTIN RANGE FENCE	40	51	9	73	47	53	36" DIA	EASTCHESTER BAY (E)
406	HP-449	175' N/O CITY ISLAND DRAWBRIDGE	40	51	27	73	47	42	6" DIA	LONG ISLAND SOUND
407	HP-450	275' N/O CITY ISLAND DRAWBRIDGE	40	51	31	73	47	42	6" DIA	LONG ISLAND SOUND
408	HP-165	75' S/O ORCHARD BEACH	40	51	40	73	47	32	36" DIA	LONG ISLAND SOUND

HUNTS POINT

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
409	HP-979	105' N/O ORCHARD BEACH LOT ENTRANCE	40	52	15	73	47	56	24" DIA	SHORE ROAD LAGOON (E)
410	HP-980	100' N/O ORCHARD BEACH LOT ENTRANCE	40	52	15	73	47	56	48" DIA	SHORE ROAD LAGOON (E)
411	HP-981	150' S/O ORCHARD BEACH LOT ENTRANCE	40	52	12	73	47	58	24" DIA	SHORE ROAD LAGOON (E)
412	HP-982	200' S/O ORCHARD BEACH LOT ENTRANCE	40	52	11	73	47	58	48" DIA	SHORE ROAD LAGOON (E)
413	HP-983	300' S/O ORCHARD BEACH LOT ENTRANCE	40	52	11	73	47	59	24" DIA	SHORE ROAD LAGOON (E)
414	HP-984	75' N/O ORCHARD BEACH TRAFFIC CIRCLE	40	52	7	73	48	0	24" DIA	SHORE ROAD LAGOON (E)
415	HP-037	ORCHARD BEACH PUMPING STATION	40	52	1	73	48	5	15" DIA	SHORE ROAD LAGOON (E)
416	HP-166	550' S/O PARK DRIVE	40	52	51	73	47	45	12" DIA	SHORE ROAD LAGOON (W)
417	HP-167	525' S/O PARK DRIVE	40	52	51	73	47	44	18" DIA	SHORE ROAD LAGOON (W)
418	HP-168	500' S/O PARK DRIVE	40	52	51	73	47	44	10" DIA	SHORE ROAD LAGOON (W)
419	HP-653	SUTHERLAND STREET (CITY ISLAND)	40	51	23	73	47	20	36" DIA	LONG ISLAND SOUND
420	HP-161	KILROE STREET (CITY ISLAND)	40	51	16	73	47	28	10" DIA	EASTCHESTER BAY (E)
421	HP-036	SCHOFIELD STREET (CITY ISLAND PS)	40	50	44	73	46	58	18" DIA	LONG ISLAND SOUND
422	HP-528	75' N/O SCHOFIELD STREET (CITY ISLAND)	40	50	47	73	46	57	36" DIA	LONG ISLAND SOUND
423	HP-912	400' S/O TERRACE STREET (CITY ISLAND)	40	51	26	73	47	19	4" DIA	LONG ISLAND SOUND
424	HP-913	300' N/O TERRACE STREET (CITY ISLAND)	40	51	29	73	47	20	6" DIA	LONG ISLAND SOUND
425	HP-507	450' S/O TERRACE STREET (CITY ISLAND)	40	51	25	73	47	19	4" DIA	LONG ISLAND SOUND
426	HP-508	450' N/O TERRACE STREET (CITY ISLAND)	40	51	30	73	47	20	4" DIA	LONG ISLAND SOUND
427	HP-509	475' N/O TERRACE STREET (CITY ISLAND)	40	51	31	73	47	20	4" DIA	LONG ISLAND SOUND
428	HP-510	500' N/O TERRACE STREET (CITY ISLAND)	40	51	31	73	47	21	4" DIA	LONG ISLAND SOUND
429	HP-169	NORTH END OF RUNWAY 22 (RIKERS ISLAND - E)	40	47	44	73	52	60	60" DIA	EAST RIVER (S)
430	HP-170	200' W/O NORTH END OF RUNWAY 22 (RIKERS ISLAND - E)	40	47	47	73	53	4	36" DIA	EAST RIVER (S)
431	HP-451	203' E/O RIKERS ISLAND NORTH PUMPING STATION	40	47	50	73	53	8	8" DIA	EAST RIVER (S)
432	HP-452	200' E/O RIKERS ISLAND NORTH PUMPING STATION	40	47	50	73	53	8	6" DIA	EAST RIVER (S)
433	HP-654	100' E/O RIKERS ISLAND NORTH PUMPING STATION	40	47	51	73	53	10	3' X 3'	EAST RIVER (S)
434	HP-032	RIKERS ISLAND NORTH PUMPING STATION	40	47	52	73	53	11	14" DIA	EAST RIVER (S)
435	HP-453	100' W/O RIKERS ISLAND NORTH PUMPING STATION	40	47	53	73	53	12	8" DIA	EAST RIVER (S)
436	HP-173	140' W/O RIKERS ISLAND NORTH PUMPING STATION	40	47	53	73	53	12	15" DIA	EAST RIVER (S)
437	HP-914	350' W/O RIKERS ISLAND NORTH PUMPING STATION	40	47	54	73	53	14	8" DIA	EAST RIVER (S)
438	HP-915	450' W/O RIKERS ISLAND NORTH PUMPING STATION	40	47	54	73	53	17	10" DIA	EAST RIVER (S)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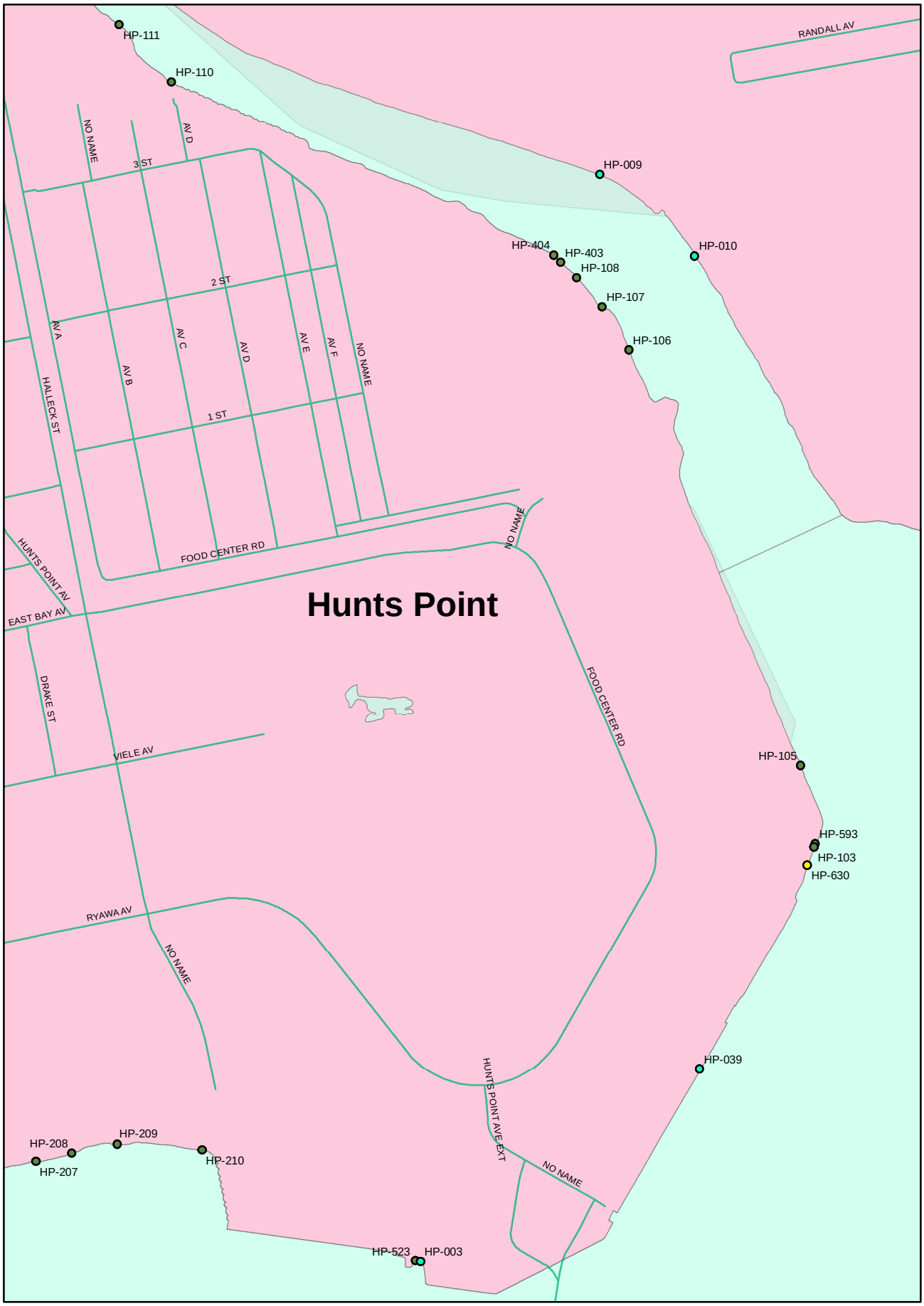
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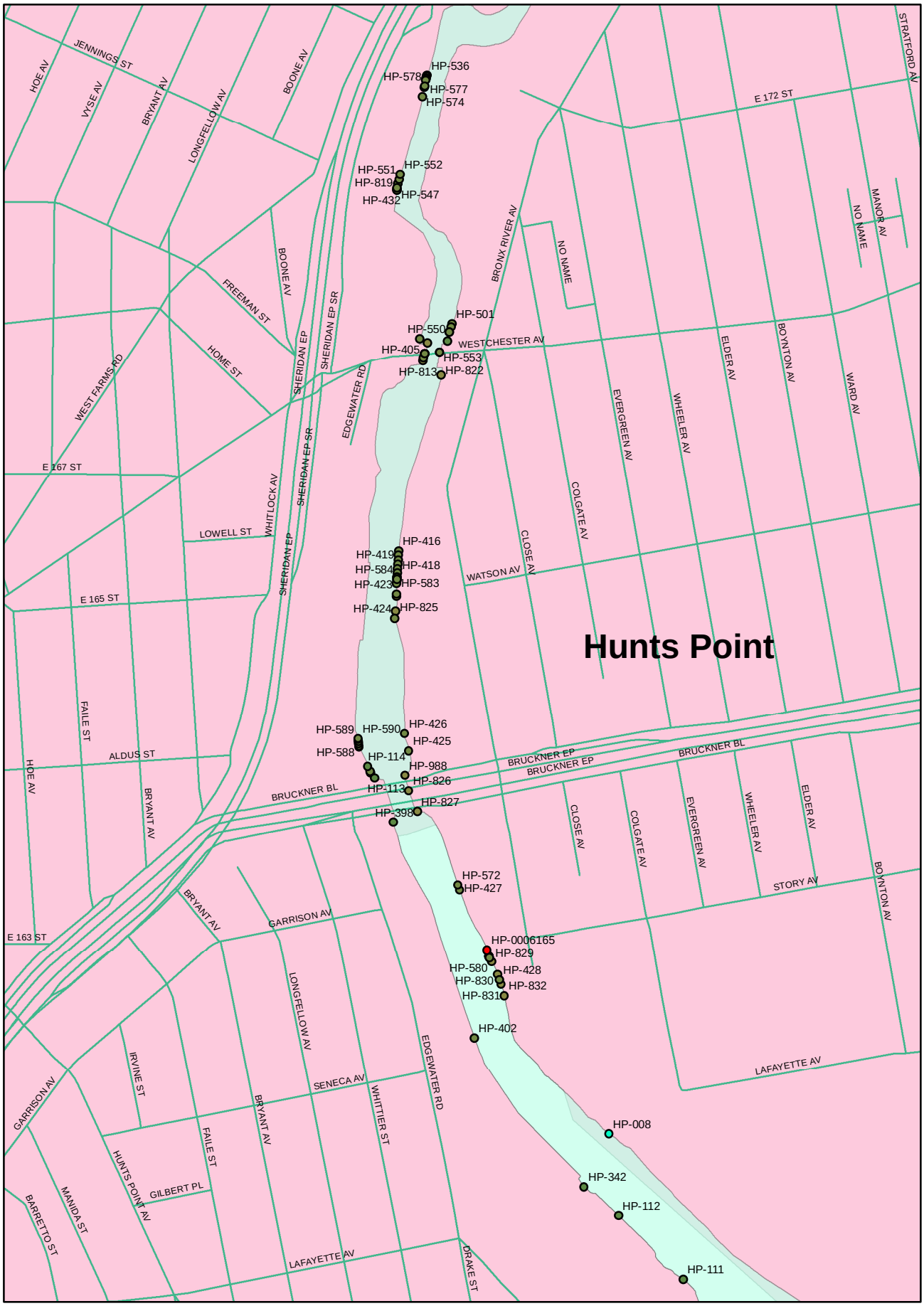
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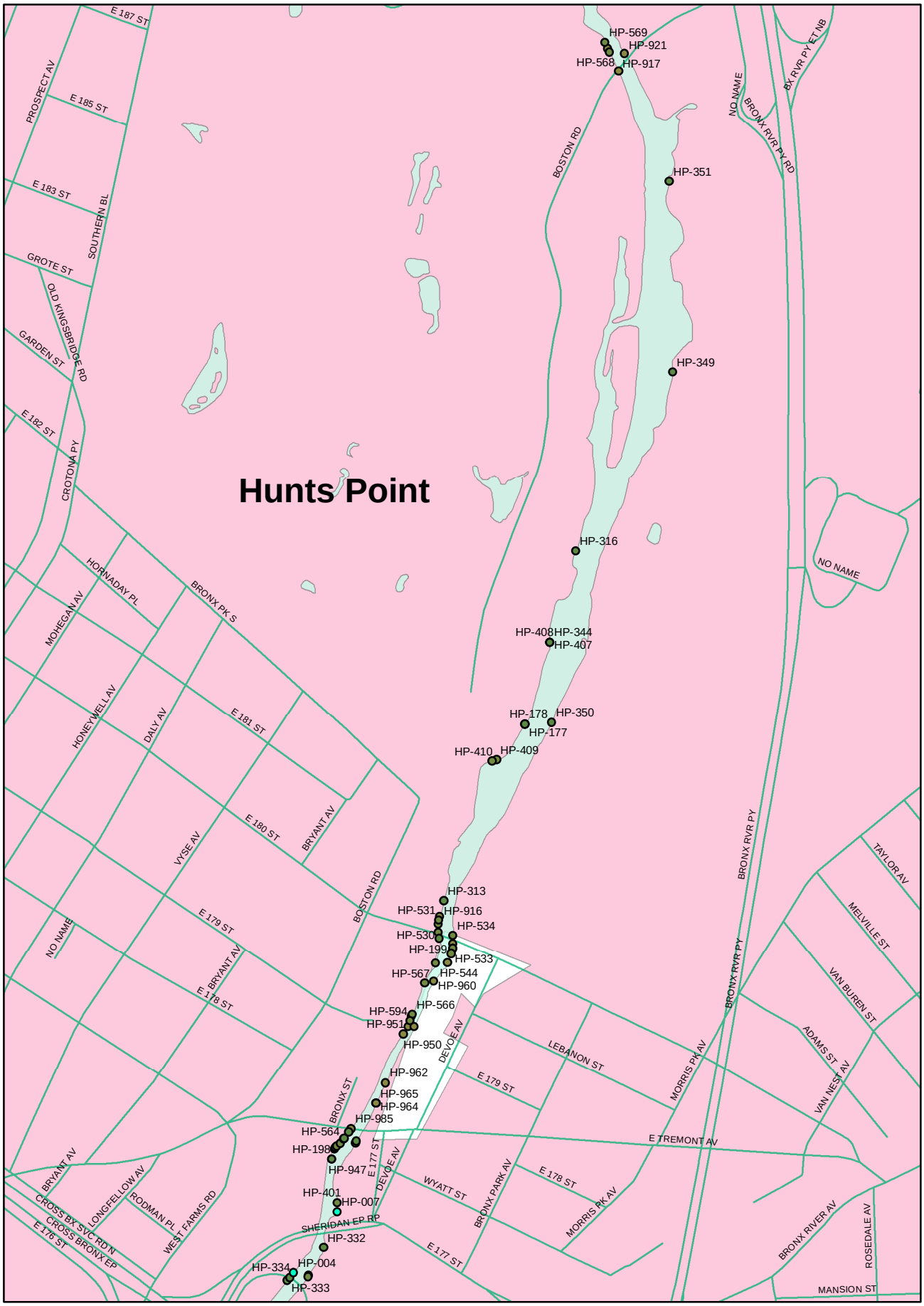
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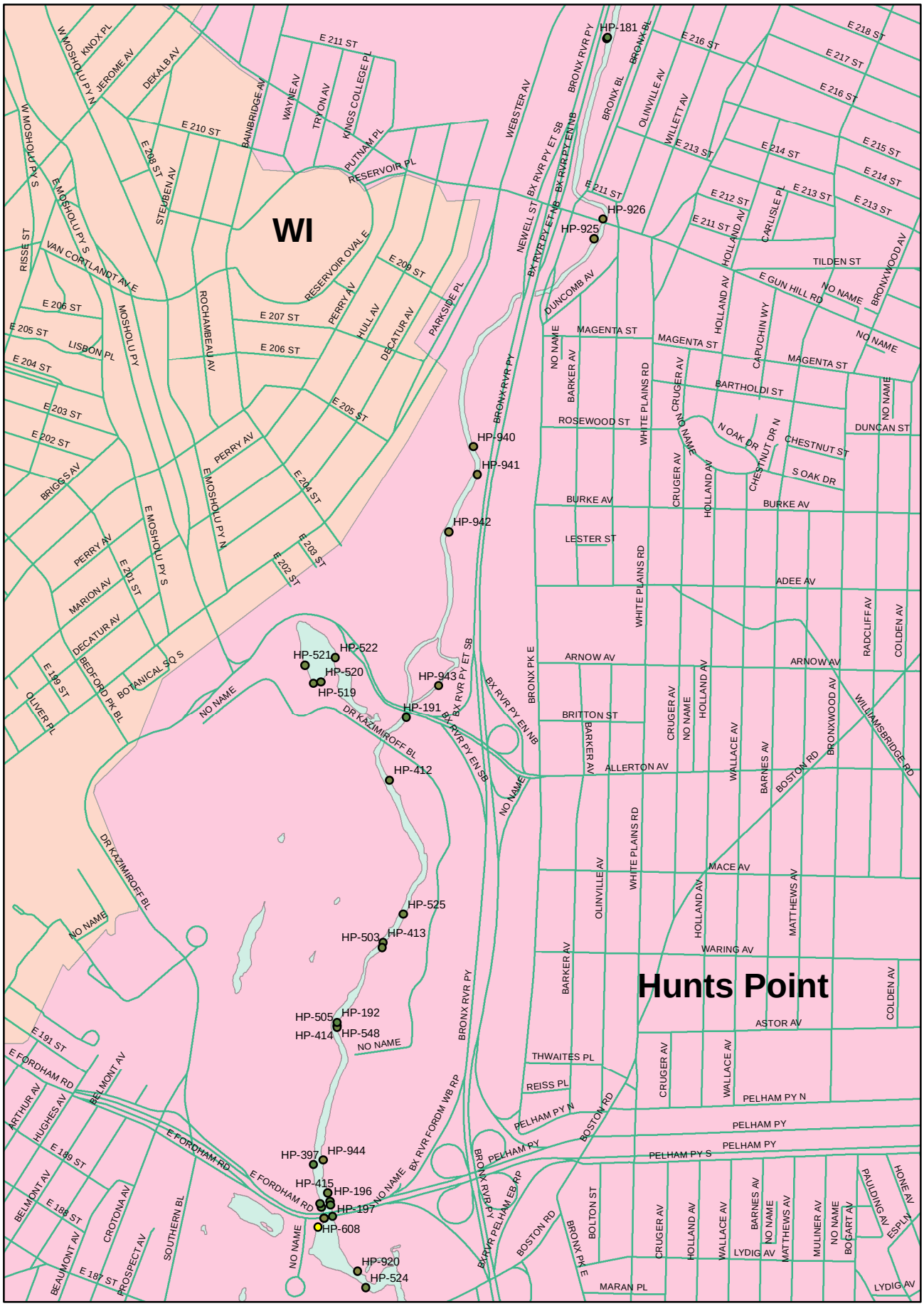
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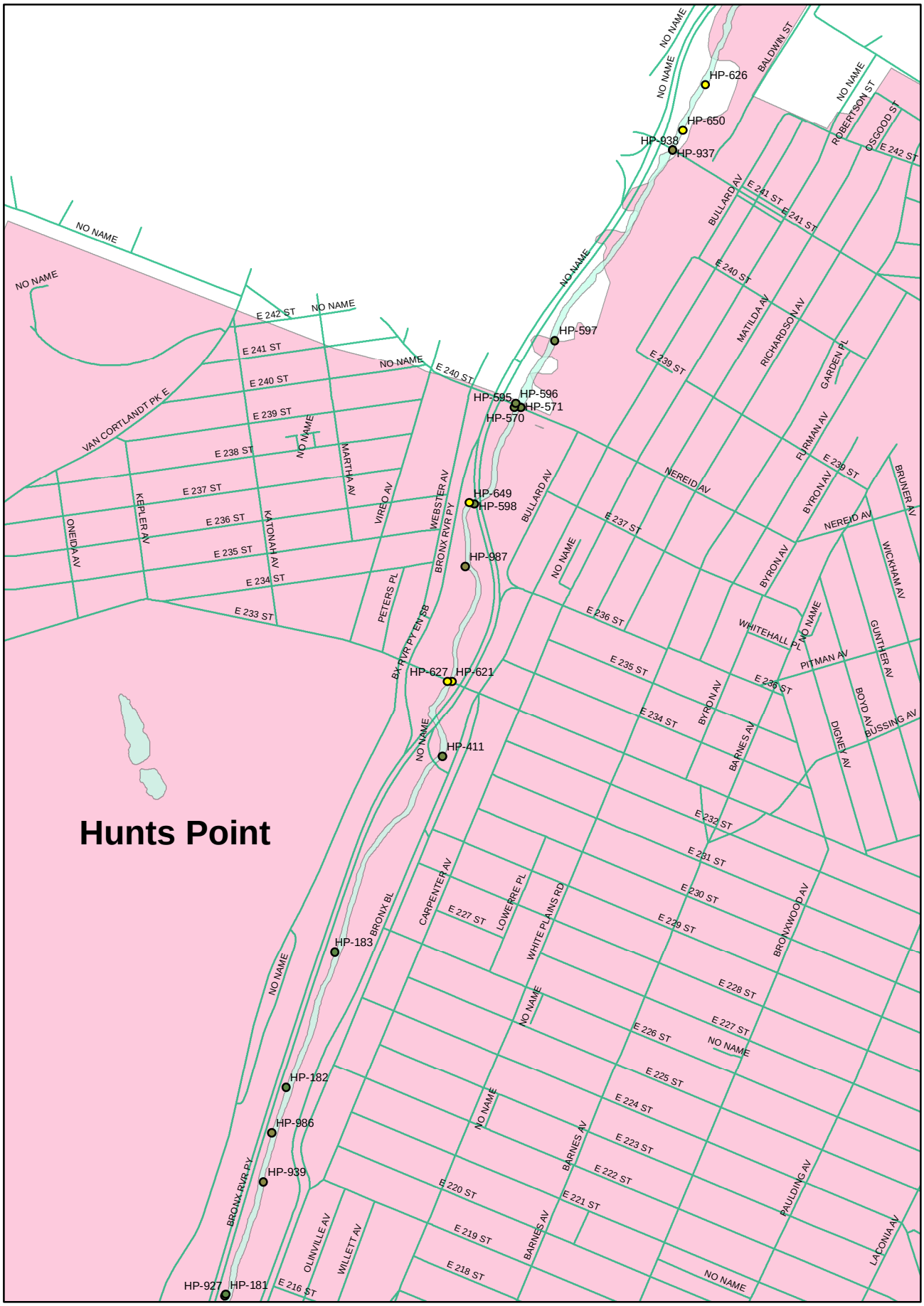
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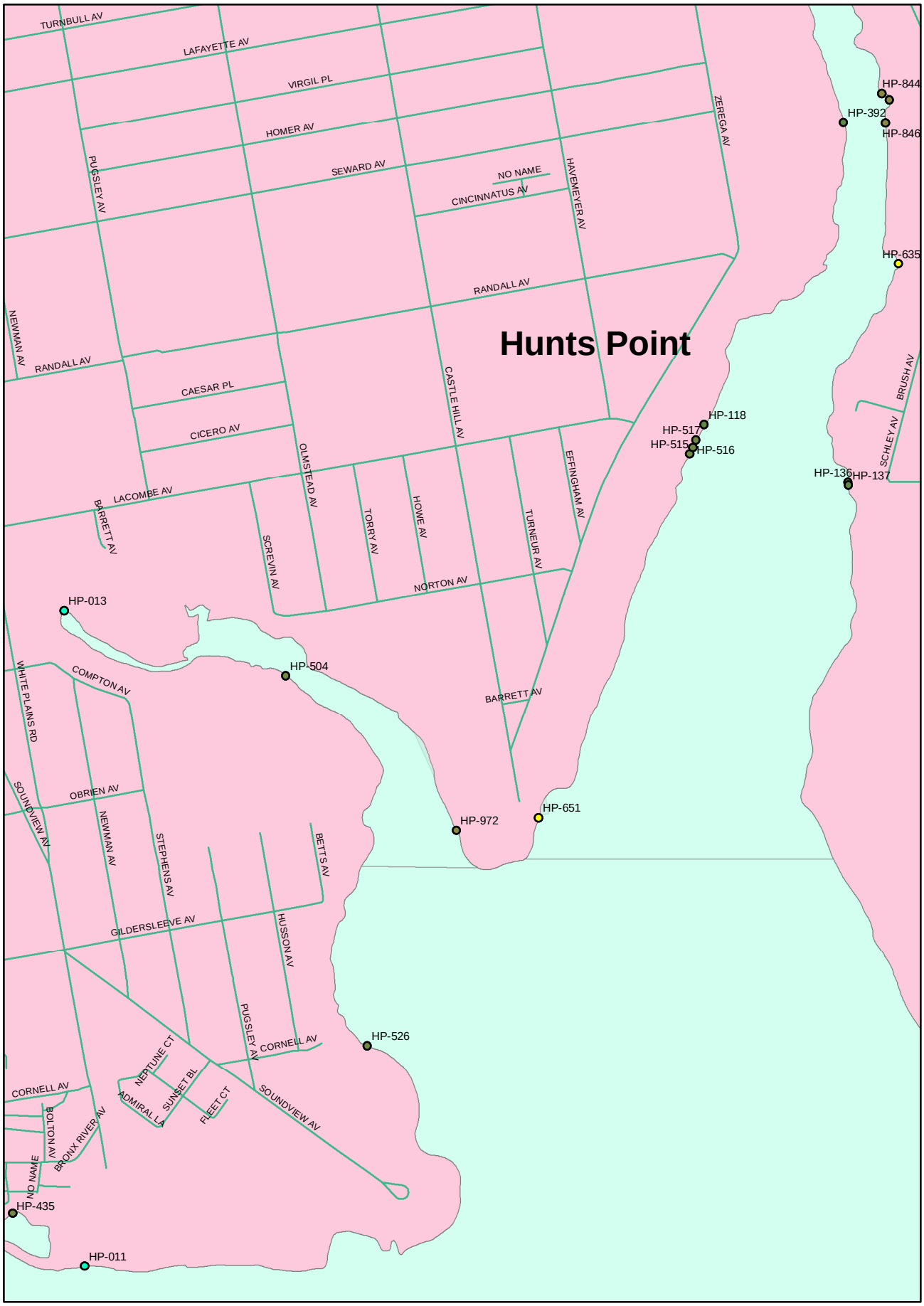
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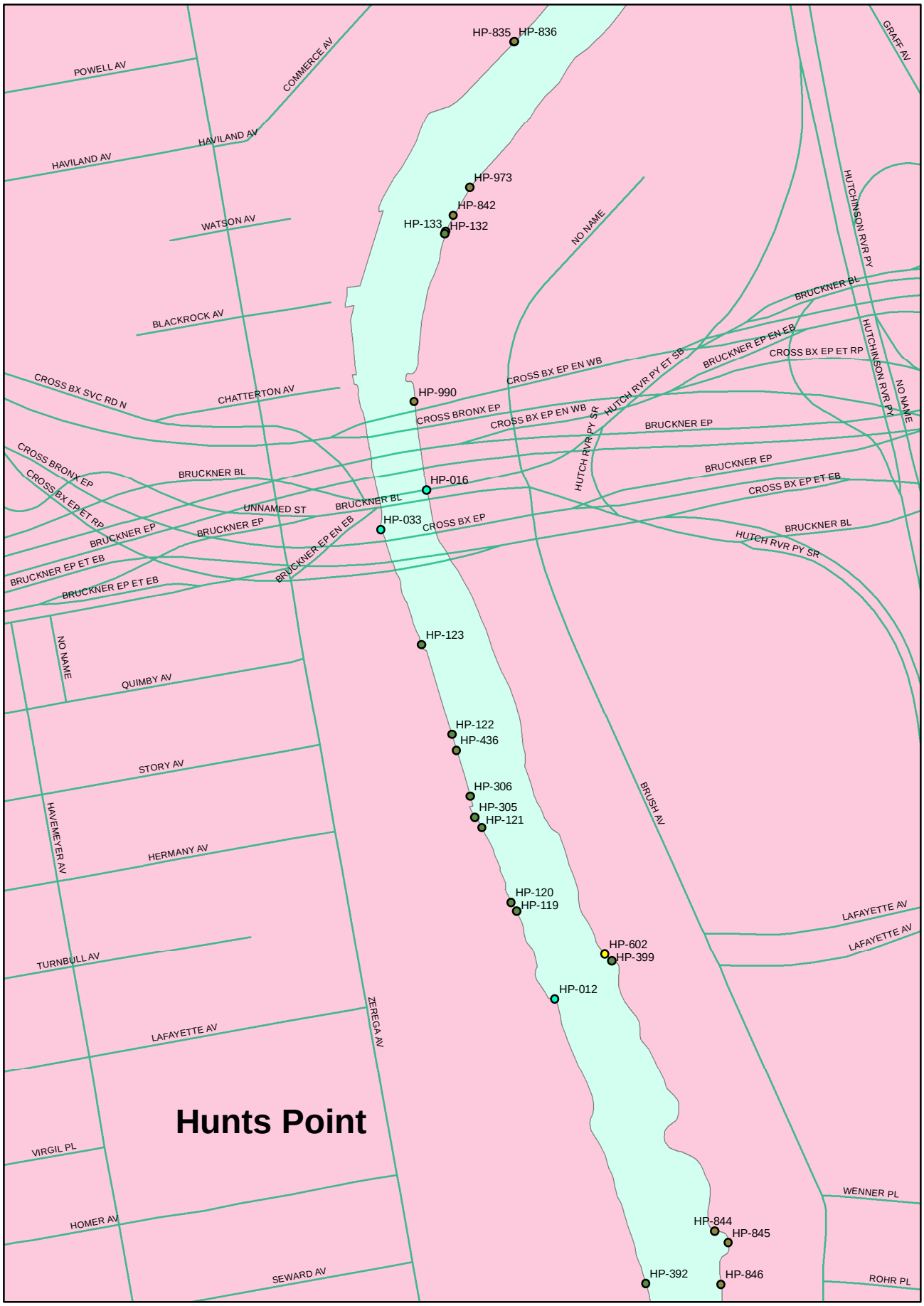
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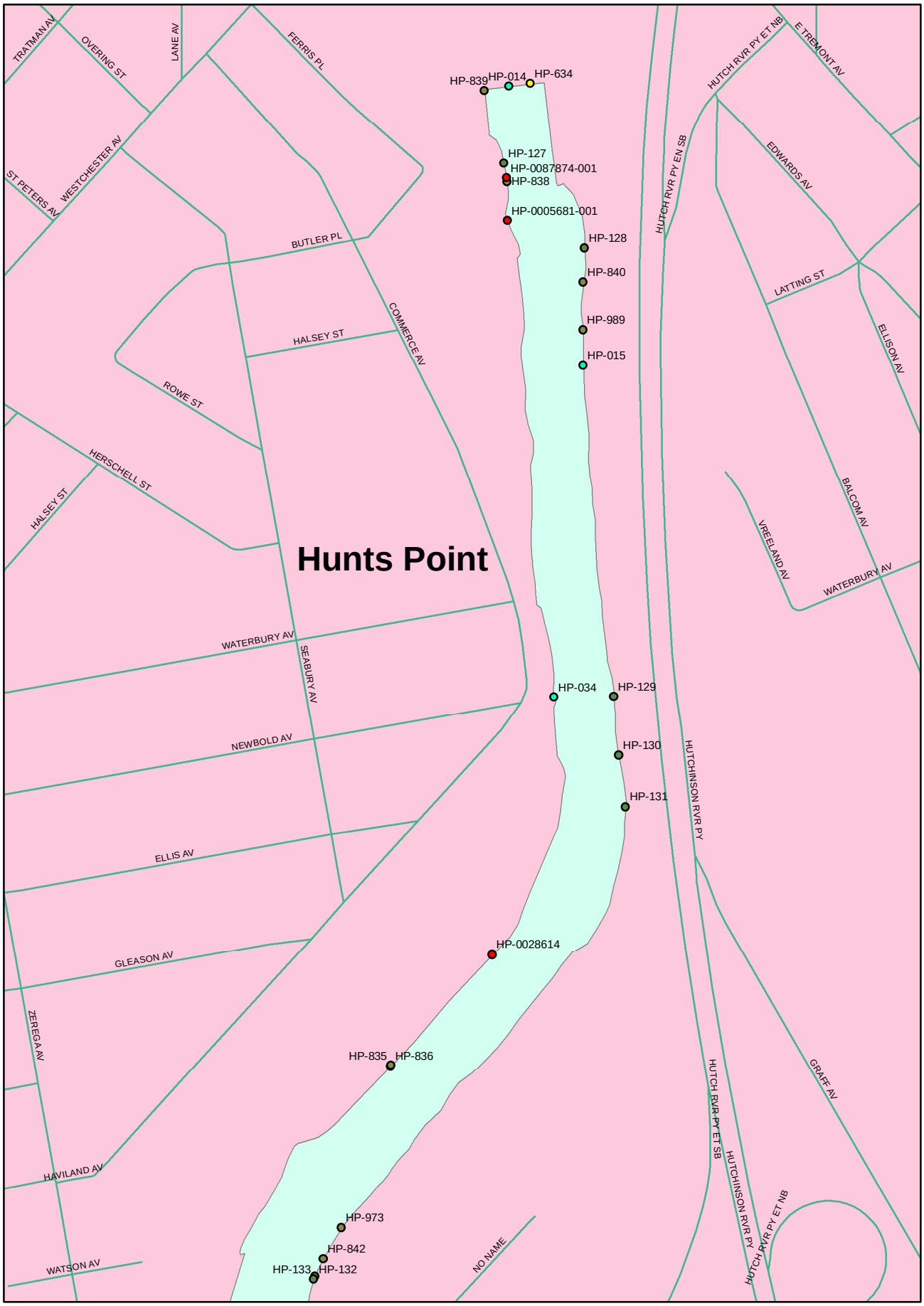
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HARDING AV
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EMERSON AV
COLLIS PL
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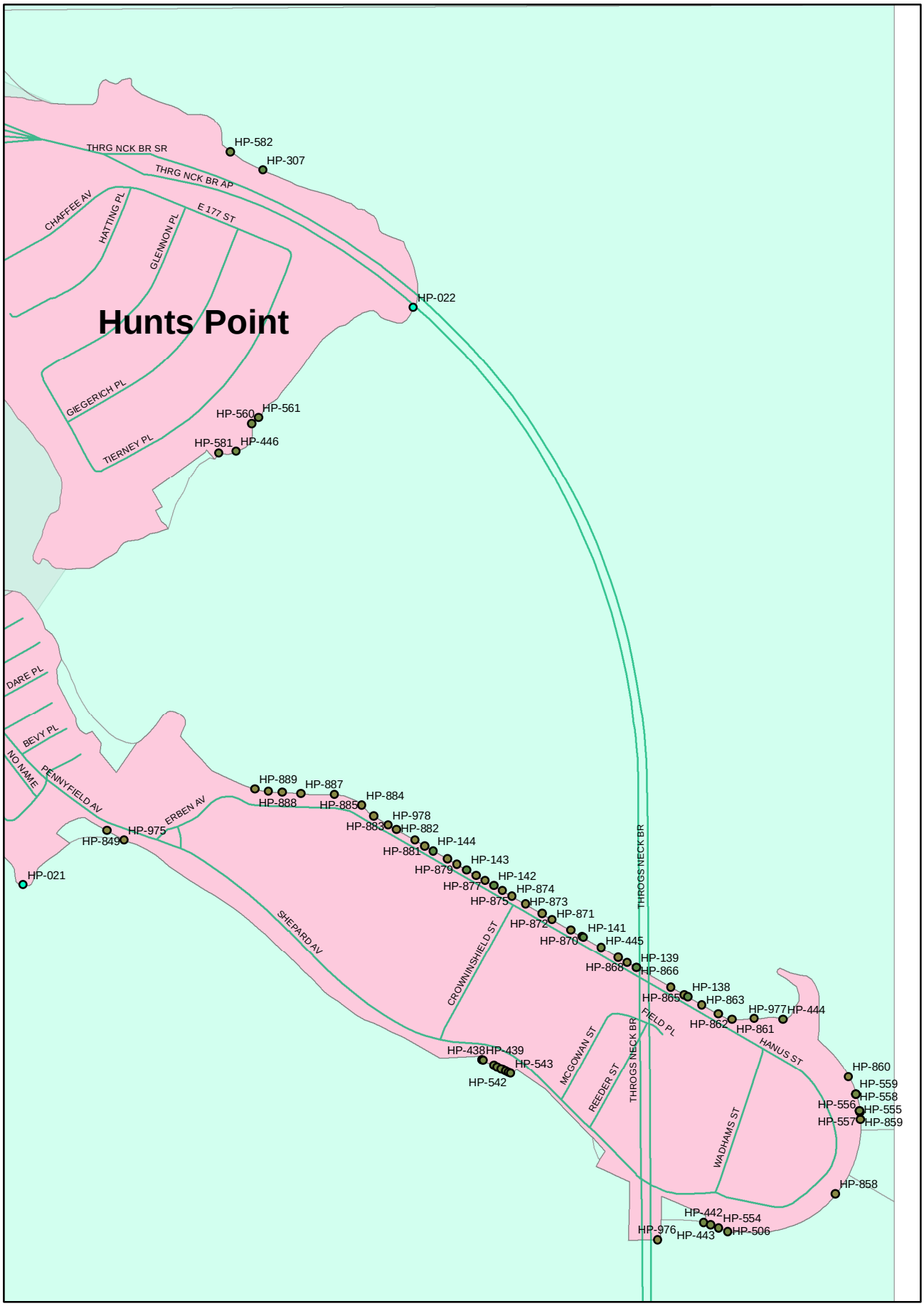
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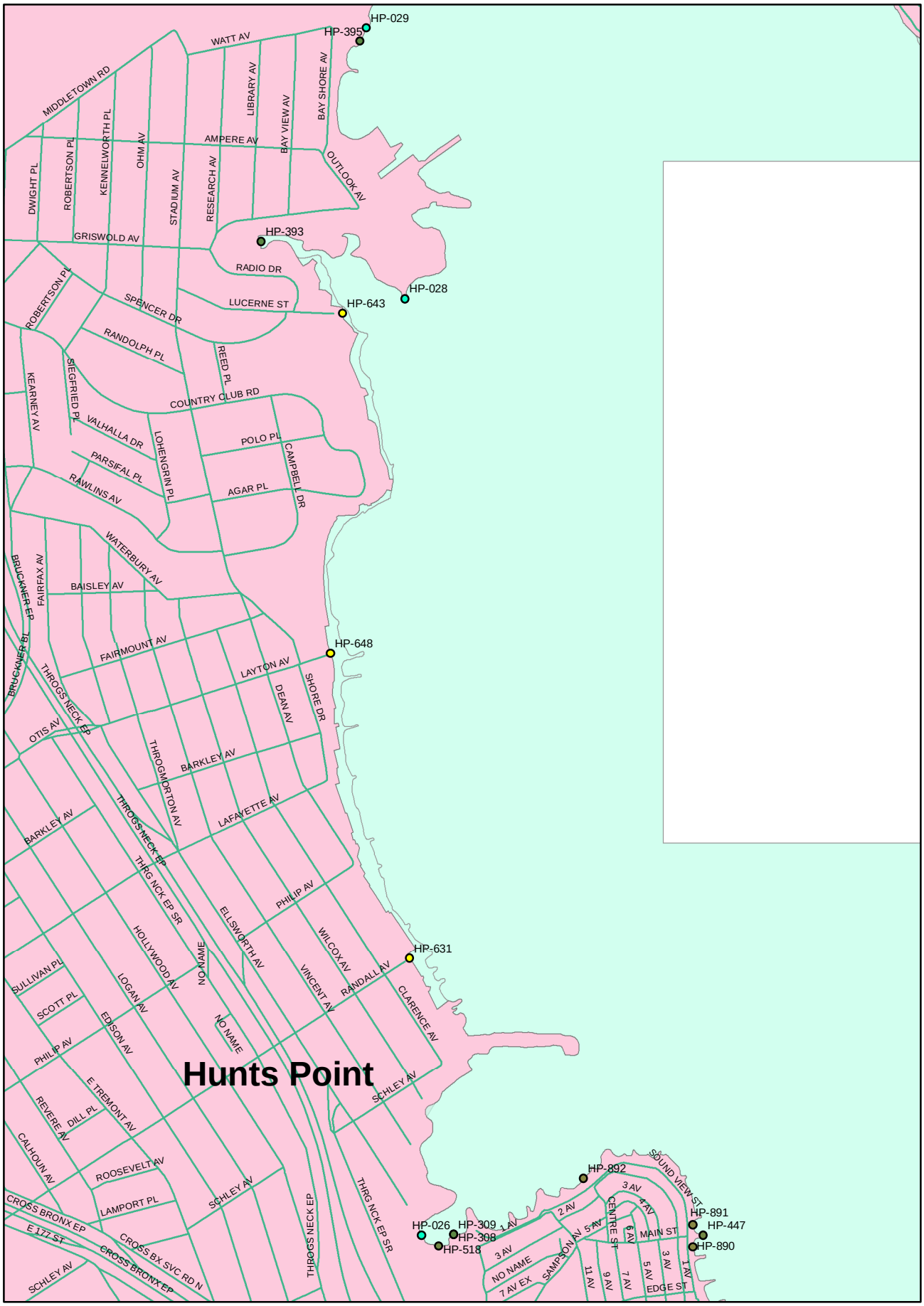
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OUTLOOK AV
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KENNELWORTH PL
OHM AV
STADIUM AV
RESEARCH AV
GRISWOLD AV
RADIO DR
LUCERNE ST
SPENCER DR
RANDOLPH PL
REED PL
KEARNEY AV
SIEGFRIED PL
COUNTRY CLUB RD
VALHALLA DR
LOHENGRIN PL
POLO PL
CAMPBELL DR
PARSIFAL PL
RAWLINS AV
AGAR PL
WATERBURY AV
BRUCKNER EP
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BAISLEY AV
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FAIRMOUNT AV
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SHORE DR
DEAN AV
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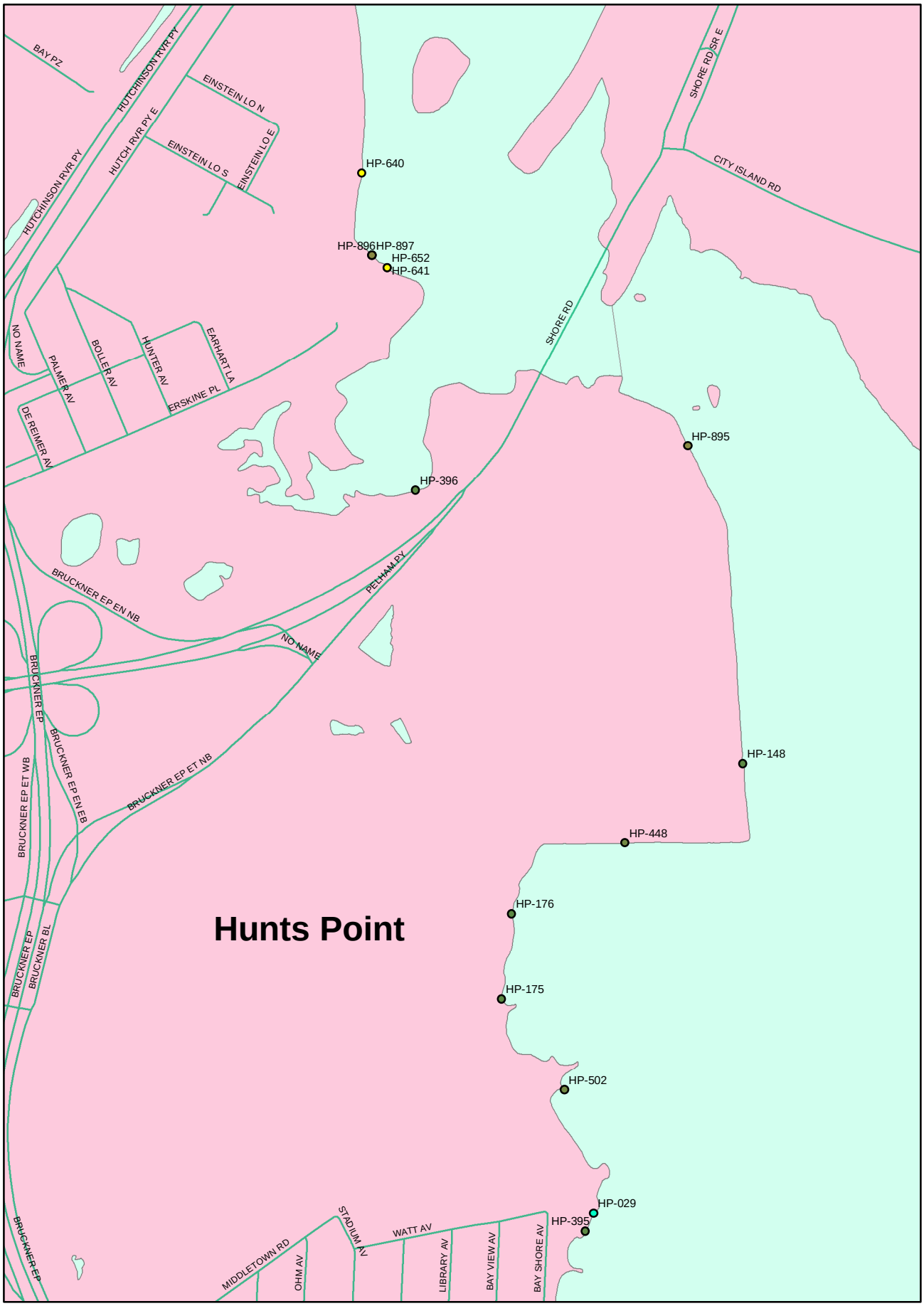
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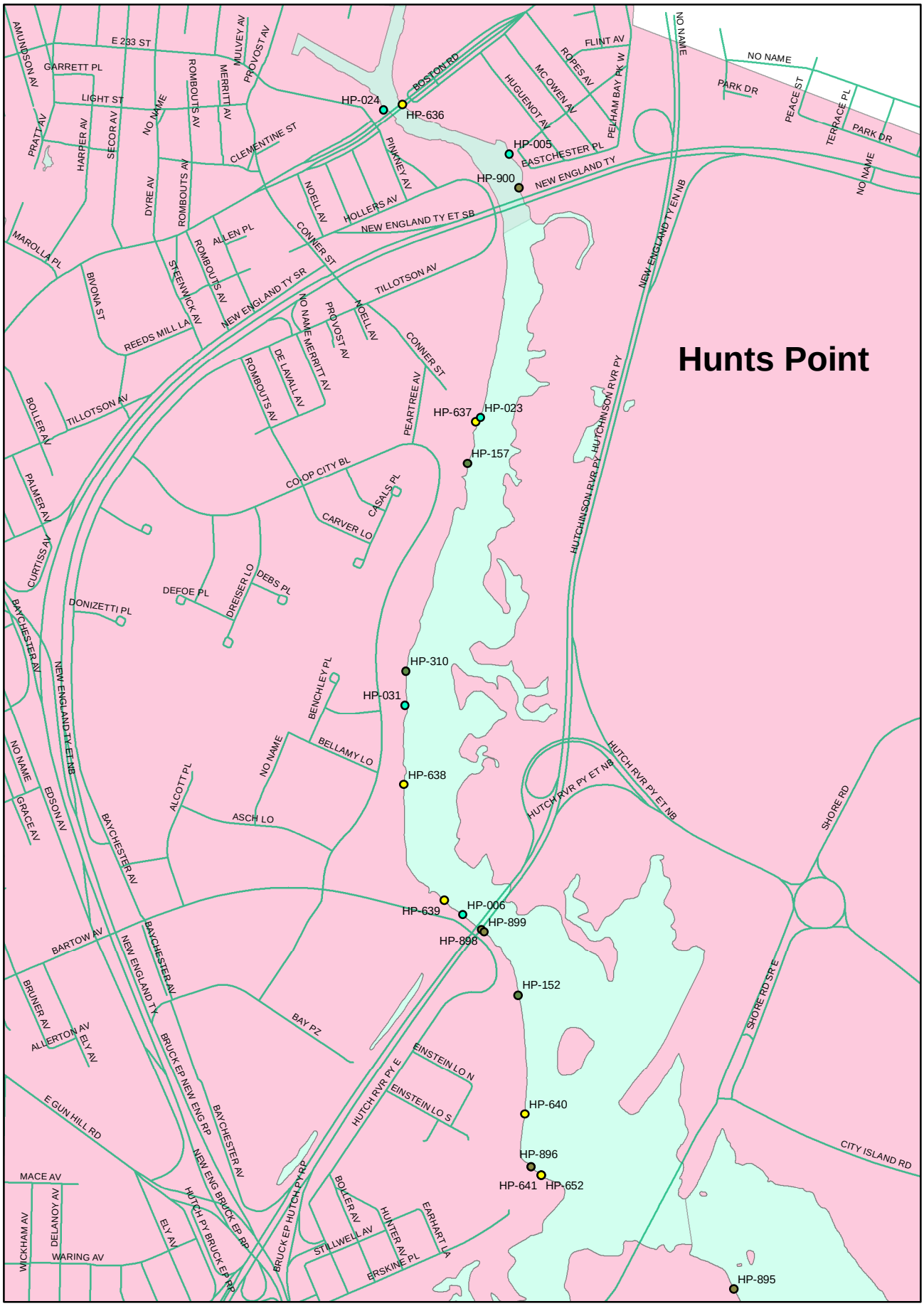
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HUTCH RVR PY ET NB
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BAYCHESTER AV
BRUCK EP NEW ENG RP
NEW ENG BRUCK EP RP
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BRUCK EP HUTCH PY RP
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SHORE RD SR E
CITY ISLAND RD
E GUN HILL RD
BAY PZ
EINSTEIN LO N
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TILLOTSON AV
CONNER ST
HOLLERS AV
PINKNEY AV
NOEL AV
PEARTREE AV
CO-OP CITY BL
CARVER LO
CASALS PL
BENCHLEY PL
BELLAMY LO
ASCH LO
ALCOTT PL
BARTOW AV
MACE AV
WARING AV
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BRUNER AV
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MC OWEN AV
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AMUNDSON AV
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PRATT AV
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STEENWICK AV
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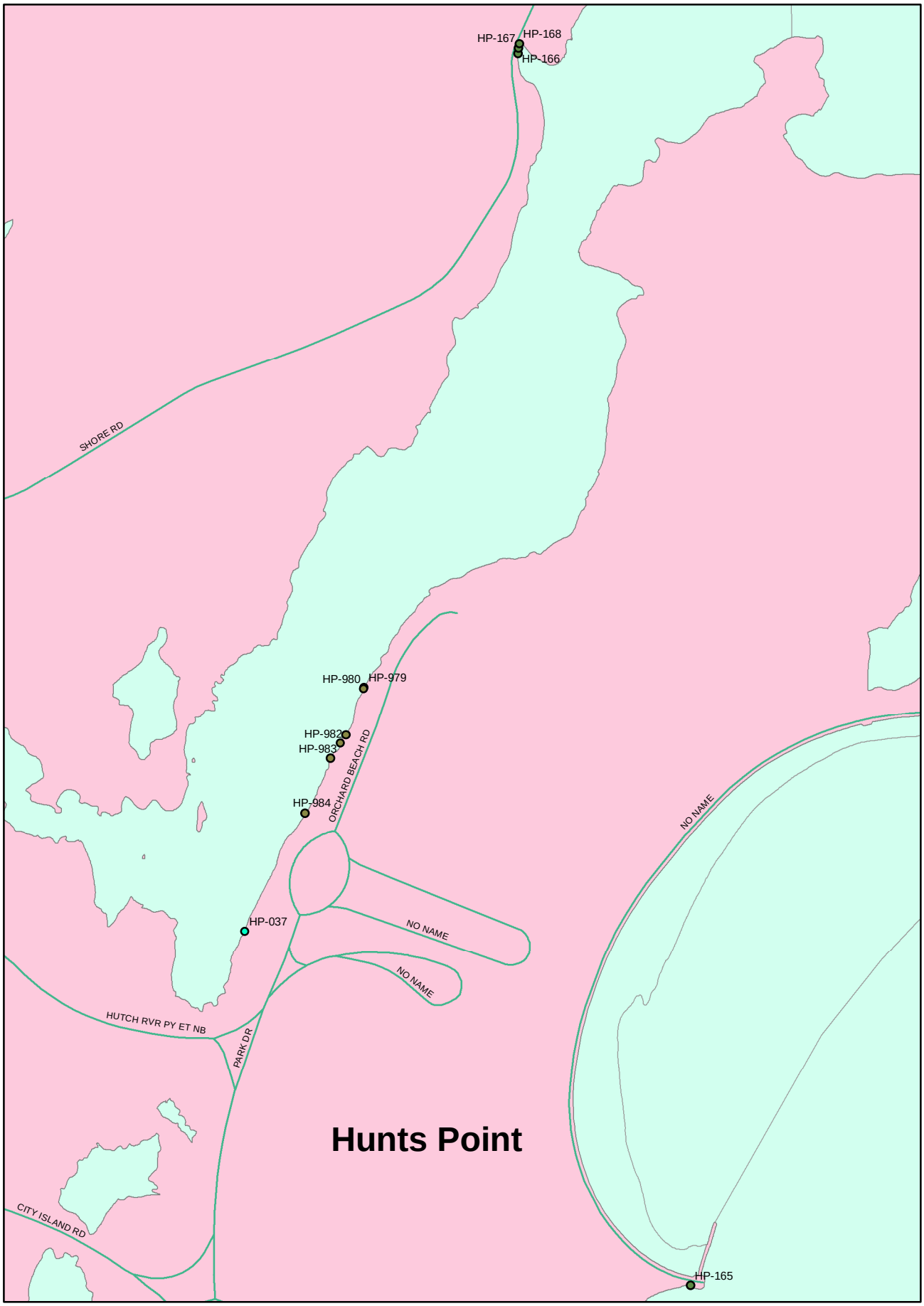
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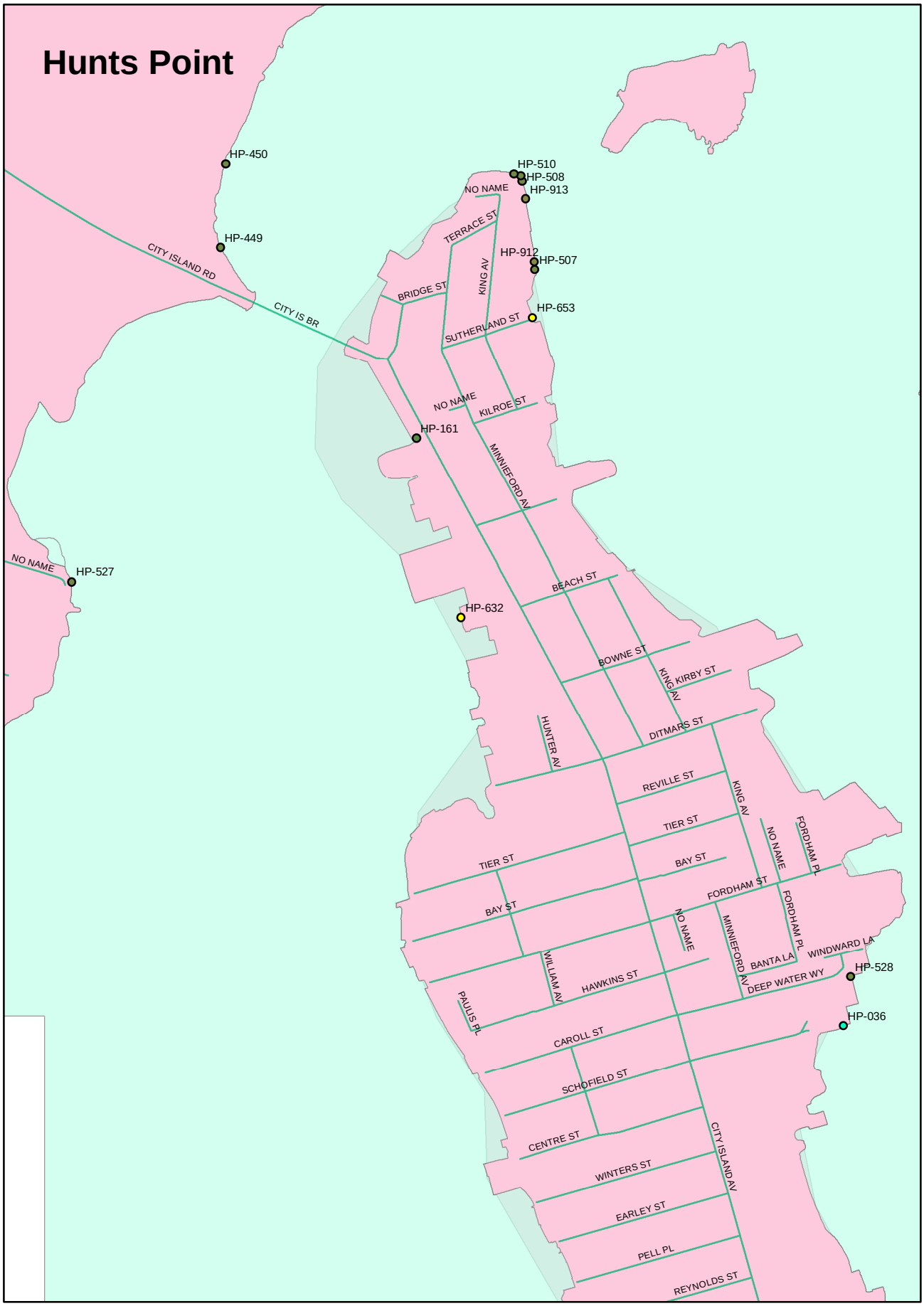
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BRIDGE ST
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CITY ISLAND RD
CITY IS BR
KILROE ST
MINNIEFORD AV
BEACH ST
BOWNE ST
KIRBY ST
DITMARS ST
HUNTER AV
REVILLE ST
TIER ST
BAY ST
FORDHAM ST
FORDHAM PL
WINDWARD LA
BANTA LA
DEEP WATER WY
WILLIAM AV
HAWKINS ST
PAULIS PL
CAROLL ST
SCHOFIELD ST
CENTRE ST
WINTERS ST
EARLEY ST
PELL PL
REYNOLDS ST
CITY ISLAND AV

Outfall ID: HP-001
Location: HUNTS POINT WPCP (OVERFLOW)
Latitude: 40° 48' 8"
Longitude: 73° 53' 1"
Outfall Size: 84" DIA
Receiving Water: EAST RIVER (W)

Outfall ID: HP-002
Location: TIFFANY STREET (REG # 9, 9A)
Latitude: 40° 48' 21"
Longitude: 73° 53' 21"
Outfall Size: 12' X 8' 2"
Receiving Water: EAST RIVER (W)

Outfall ID: HP-003
Location: FARRAGUT STREET (REG # 10)
Latitude: 40° 48' 5"
Longitude: 73° 52' 29"
Outfall Size: 12' X 9' 6"
Receiving Water: EAST RIVER (W)

Outfall ID: HP-004
Location: WEST FARM ROAD
Latitude: 40° 50' 18"
Longitude: 73° 52' 46"
Outfall Size: 12' X 8'
Receiving Water: BRONX RIVER (W)

Outfall ID: HP-005
Location: HOLLARS AVENUE (PUMP STATION)
Latitude: 40° 53' 12"
Longitude: 73° 49' 13"
Outfall Size: 12" DIA
Receiving Water: HUTCCHINSON RIVER (E)

Outfall ID: HP-006
Location: BARTOW AVENUE (CO-OP CITY SOUTH)
Latitude: 40° 52' 8"
Longitude: 73° 49' 19"
Outfall Size: 15' 0" X 8' 6"
Receiving Water: HUTCCHINSON RIVER (W)

Outfall ID: HP-007
Location: E 177TH STREET (CSO-27,27A)
Latitude: 40° 50' 20"
Longitude: 73° 52' 43"
Outfall Size: DBL 11' X 6' 6"
Receiving Water: BRONX RIVER (E)

Outfall ID: HP-008
Location: LAFAYETTE AVE & COLGATE AVENUE
Latitude: 40° 49' 7"
Longitude: 73° 52' 51"
Outfall Size: 54" DIA
Receiving Water: BRONX RIVER (E)

Outfall ID: HP-009
Location: RANDALL AV & METCALF AV (REG #13)
Latitude: 40° 48' 54"
Longitude: 73° 52' 18"
Outfall Size: 14' X 8'
Receiving Water: BRONX RIVER (E)

Outfall ID: HP-010
Location: LACOMBE AVENUE
Latitude: 40° 48' 50"
Longitude: 73° 52' 13"
Outfall Size: 9' X 6'
Receiving Water: BRONX RIVER (E)

Outfall ID: HP-011
Location: WHITE PLANES ROAD (REG #5)
Latitude: 40° 48' 16"
Longitude: 73° 51' 18"
Outfall Size: DBL 13' X 9'
Receiving Water: EAST RIVER (W)

Outfall ID: HP-012
Location: LAFAYETTE AVENUE (CSO-23A)
Latitude: 40° 49' 27"
Longitude: 73° 50' 27"
Outfall Size: 10' 6" X 9'
Receiving Water: WESTCHESTER CREEK (W)

Outfall ID: HP-013
Location: NEWMAN AVENUE (CSO-24)
Latitude: 40° 48' 52"
Longitude: 73° 51' 19"
Outfall Size: 10' 6" X 8'
Receiving Water: PUGSLEY CREEK (N)

Outfall ID: HP-014
Location: E.TREMONT AVENUE (CSO-29, 29A)
Latitude: 40° 50' 22"
Longitude: 73° 50' 24"
Outfall Size: 14' X 8' 6"
Receiving Water: WESTCHESTER CREEK (N)

Outfall ID: HP-015
Location: LATTING STREET (CSO-22)
Latitude: 40° 50' 15"
Longitude: 73° 50' 22"
Outfall Size: 4'9"X4'
Receiving Water: WESTCHESTER CREEK (E)

Outfall ID: HP-016
Location: BRUCKNER EXPRESSWAY (REG #4)
Latitude: 40° 49' 42"
Longitude: 73° 50' 32"
Outfall Size: 10' X 8'6"
Receiving Water: WESTCHESTER CREEK (E)

Outfall ID: HP-017
Location: EMERSON AVENUE (REG #11)
Latitude: 40° 48' 41"
Longitude: 73° 49' 34"
Outfall Size: 14' X 8'
Receiving Water: EAST RIVER (N)

Outfall ID: HP-018
Location: ROBINSON AVENUE (REG #12)
Latitude: 40° 48' 43"
Longitude: 73° 49' 28"
Outfall Size: 6' 4" X 4'
Receiving Water: EAST RIVER (N)

Outfall ID: HP-019
Location: CALHOUN AVENUE (REG #3)
Latitude: 40° 48' 49"
Longitude: 73° 49' 0"
Outfall Size: 7' X 5'6"
Receiving Water: EAST RIVER (N)

Outfall ID: HP-020
Location: THROGS NECK BOULEVARD (REG #2A)
Latitude: 40° 48' 46"
Longitude: 73° 48' 39"
Outfall Size: 8' X 6'6"
Receiving Water: EAST RIVER (N)

Outfall ID: HP-021
Location: PENNYFIELD AVENUE (REG #2)
Latitude: 40° 48' 31"
Longitude: 73° 48' 14"
Outfall Size: 6'3" X 6'6"
Receiving Water: EAST RIVER (N)

Outfall ID: HP-022
Location: E 177TH STREET (REG #1)
Latitude: 40° 48' 56"
Longitude: 73° 47' 51"
Outfall Size: 8" X 8"
Receiving Water: EASTCHESTER BAY (W)

Outfall ID: HP-023
Location: CONNOR STREET (REG #15)
Latitude: 40° 52' 50"
Longitude: 73° 49' 17"
Outfall Size: 12'0" X 6'6"
Receiving Water: HUTCCHINSON RIVER (W)

Outfall ID: HP-024
Location: E. 233RD STREET (REG #15A)
Latitude: 40° 53' 16"
Longitude: 73° 49' 27"
Outfall Size: 12'0" X 10'
Receiving Water: HUTCCHINSON RIVER (W)

Outfall ID: HP-025
Location: TRUXTON STREET (REG # 8)
Latitude: 40° 48' 23"
Longitude: 73° 53' 32"
Outfall Size: 11' 6" X 7' 3"
Receiving Water: EAST RIVER (N)

Outfall ID: HP-026
Location: ELLESWORTH AVENUE (REG #14)
Latitude: 40° 49' 27"
Longitude: 73° 48' 50"
Outfall Size: 9' X 8'
Receiving Water: WEIR CREEK (W)

Outfall ID: HP-028
Location: OUTLOOK AVENUE (CSO #20)
Latitude: 40° 50' 35"
Longitude: 73° 48' 52"
Outfall Size: 12" DIA
Receiving Water: EASTCHESTER BAY (W)

Outfall ID: HP-029
Location: WATT AVENUE (CSO #21)
Latitude: 40° 50' 55"
Longitude: 73° 48' 55"
Outfall Size: 15" DIA
Receiving Water: EASTCHESTER BAY (W)

Outfall ID: HP-031
Location: BELLAMY LOOP (NORTH)
Latitude: 40° 52' 26"
Longitude: 73° 49' 25"
Outfall Size: 72" DIA
Receiving Water: HUTCCHINSON RIVER (W)

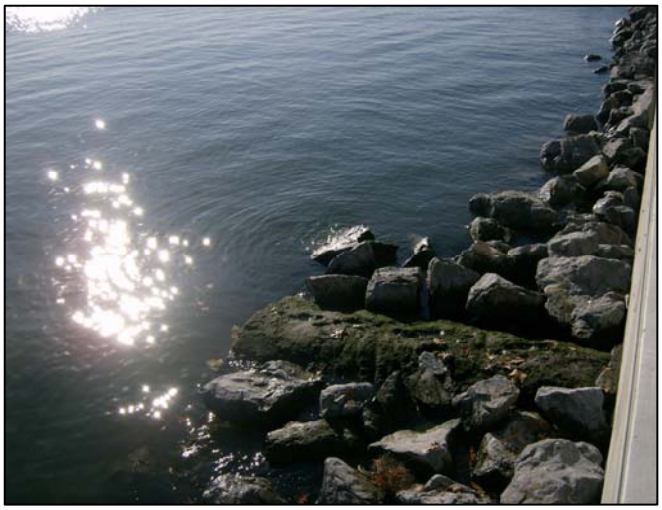
Outfall ID: HP-032
Location: RIKERS ISLAND N. PUMPING STATION
Latitude: 40° 47' 52"
Longitude: 73° 53' 11"
Outfall Size: 14" DIA
Receiving Water: EAST RIVER (S)

Outfall ID: HP-033
Location: S/O BRUCKNER BLVD & E/O ZEREGA AVE (CSO-23)
Latitude: 40° 49' 41"
Longitude: 73° 50' 34"
Outfall Size: DBL 10' 6" X 9'
Receiving Water: WESTCHESTER CREEK (W)

Outfall ID: HP-034
Location: NEWBOLD AVENUE (COMMERCE STREET PS)
Latitude: 40° 50' 6"
Longitude: 73° 50' 23"
Outfall Size: 60" DIA
Receiving Water: WESTCHESTER CREEK (W)

Outfall ID: HP-036
Location: SCHOFIELD STREET (CITY ISLAND PS)
Latitude: 40° 50' 44"
Longitude: 73° 46' 58"
Outfall Size: 18" DIA
Receiving Water: LONG ISLAND SOUND

Outfall ID: HP-037
Location: ORCHARD BEACH PUMPING STATION
Latitude: 40° 52' 1"
Longitude: 73° 48' 5"
Outfall Size: 15" DIA
Receiving Water: SHORE ROAD LAGOON (E)



Outfall ID: HP-039
Location: N/O HUNTS POINT
Latitude: 40° 48' 13"
Longitude: 73° 52' 13"
Outfall Size: 72" DIA
Receiving Water: EAST RIVER

OAKWOOD BEACH DRAINAGE AREA

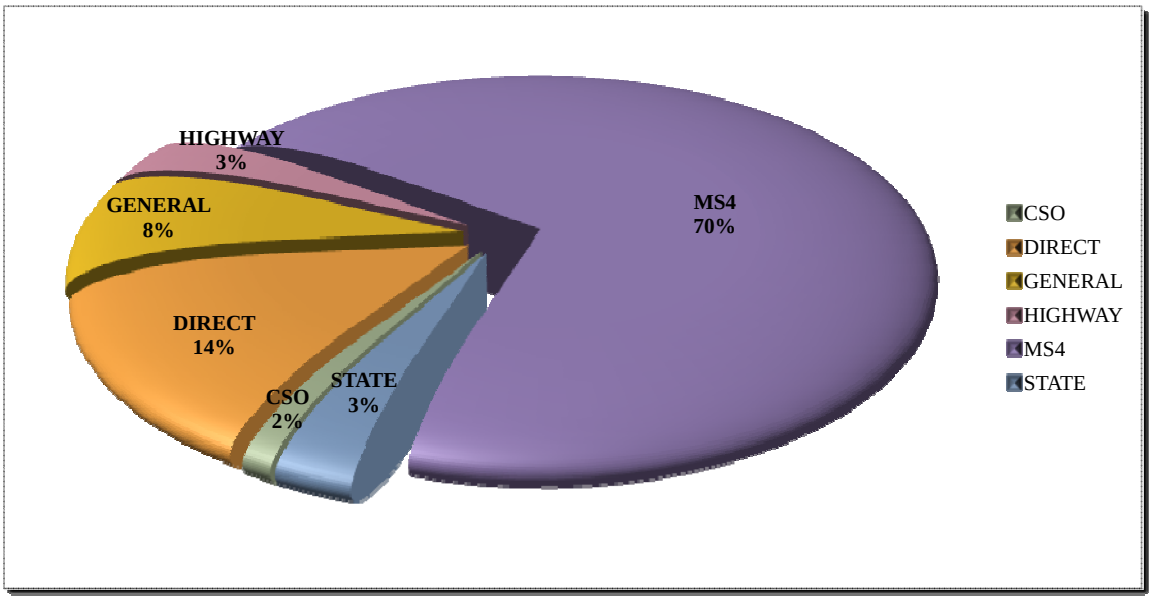
OAKWOOD BEACH SURVEY REPORT

The survey of the entire drainage area of Oakwood Beach, 26 miles of shoreline, resulted in the identification of 158 outfalls. The outfalls consist of 2 combined sewer overflow outfalls, 5 highway outfalls, 13 general outfalls, 22 direct discharge outfalls, 111 storm outfalls and 5 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Oakwood Beach Water Pollution Control Plant receives sewer flows from the south half of Staten Island including the Island of Meadow in Arthur Kill. The entire drainage area was inspected by boat and inflatable raft with the exception of Mill Creek, Main Creek, Richmond Creek and Arbutus Lake, which were surveyed by land.

The survey began in Lower New York Bay at Fort Wadsworth beneath the Verrazano Narrows Bridge, and proceeded south – southwest in the Bay, encompassing South Beach, Midland Beach, New Drop Beach, Oakwood Beach, Crookes Point and Great Kills Harbor. Eventually, survey progressed along the Atlantic Ocean including Huguenot Beach, Lemon Creek, Prince's Bay, Raritan Bay, Wards Point and Conference House Park in Tottenville, Arthur Kill, and Mill Creek. The crew then moved along the Outerbridge Crossing and Port Mobil around the Island of Meadow, surveying the Fresh Kills (Great Kills Landfill), Richmond Creek and Main Creek.

Percentile representation of Oakwood Beach outfalls



OAKWOOD BEACH

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	OB-607	SEAVIEW AVENUE	40	34	41	74	4	31	DBL 15' X 6'	LOWER NEW YORK BAY
2	OB-609	EBBITTS STREET	40	33	33	74	6	1	10' X 5'6"	LOWER NEW YORK BAY
3	OB-610	TYSENS LANE	40	33	20	74	6	5	11' X 7'6"	LOWER NEW YORK BAY
4	OB-618	S/O ELMTREE AVENUE	40	33	59	74	5	28	3' X 2'7"	LOWER NEW YORK BAY
5	OB-619	N/O NEW DORP LANE	40	33	46	74	5	38	5' X 3'	LOWER NEW YORK BAY
6	OB-678	SAND LANE	40	35	18	74	3	52	10' X 6'	LOWER NEW YORK BAY
7	OB-679	ATLANTIC AVENUE	40	34	54	74	4	15	DBL 15' X 6'	LOWER NEW YORK BAY
8	OB-680	GREELEY AVENUE	40	34	1	74	5	21	DBL 15' X 6'	LOWER NEW YORK BAY
9	OB-681	S/O EMMET AVENUE	40	33	17	74	7	32	15' X 10'	LOWER NEW YORK BAY
10	OB-687	QUINTARD STREET	40	35	18	74	4	30	10' X 6'	LOWER NEW YORK BAY
11	OB-688	NAUGHTON AVENUE	40	34	30	74	4	43	DBL 10' X 6'	LOWER NEW YORK BAY
12	OB-689	MIDLAND AVENUE	40	34	7	74	5	11	8' X 5'	LOWER NEW YORK BAY
13	OB-001	OAKWOOD BEACH W.P.C.P OUTFALL	40	32	53	74	6	48	96" DIA	LOWER NEW YORK BAY
14	OB-001A	OAKWOOD BEACH PLANT OUTFALL	40	32	57	74	6	52	60" DIA	LOWER NEW YORK BAY
15	OB-612	200' S/O FAIRLAWN AVENUE	40	32	45	74	8	14	48" DIA	GREAT KILLS HARBOR
16	OB-613	S/O WIMAN AVENUE	40	32	14	74	8	34	60" DIA	GREAT KILLS HARBOR
17	OB-545	N/O WHITMAN AVENUE	40	32	35	74	8	28	6" DIA PVC	GREAT KILLS HARBOR (W)
18	OB-656	CLEVELAND AVENUE	40	32	32	74	8	31	36" DIA	GREAT KILLS HARBOR
19	OB-501	WHITMAN AVENUE (NORTH SIDE)	40	32	35	74	8	29	8" DIA PVC	GREAT KILLS HARBOR (W)
20	OB-502	WHITMAN AVENUE (SOUTH SIDE)	40	32	35	74	8	29	8" DIA PVC	GREAT KILLS HARBOR (W)
21	OB-546	S/O GLOVER STREET	40	32	11	74	8	40	6" DIA	GREAT KILLS HARBOR (W)
22	OB-668	CINDRA AVENUE	40	32	21	74	8	32	48" DIA	GREAT KILLS HARBOR
23	OB-614	ARMSTRONG AVENUE	40	32	7	74	8	46	8' X 4'	RARITAN BAY
24	OB-615	WOODS OF ARDEN ROAD	40	31	45	74	9	25	42" DIA	RARITAN BAY
25	OB-621	PRESTON AVENUE	40	31	53	74	9	12	5' X 4'	RARITAN BAY
26	OB-622	HOLDRIDGE PLACE	40	31	36	74	9	50	48" DIA	RARITAN BAY
27	OB-623	150' N/O ARBUTUS AVENUE	40	31	12	74	10	42	4' X 5'	RARITAN BAY
28	OB-624	STECHER STREET (BEHIND ST. JOSEPH BY THE SEA)	40	31	29	74	10	57	36" DIA	RARITAN BAY
29	OB-625	HUGUENOT AVENUE	40	31	12	74	10	60	42" DIA	RARITAN BAY
30	OB-627	BEDELL AVENUE	40	30	7	74	13	53	36" DIA	RARITAN BAY
31	OB-657	POILLON AVENUE	40	31	24	74	10	20	24" DIA	RARITAN BAY
32	OB-669	RICHMOND AVENUE	40	31	58	74	9	5	4' X 5'	RARITAN BAY
33	OB-670	ARDEN AVENUE	40	31	39	74	9	36	48" DIA	RARITAN BAY
34	OB-671	ARBUTUS AVENUE	40	31	11	74	10	41	48" DIA	RARITAN BAY
35	OB-672	W/O SHARROTT AVENUE	40	30	39	74	12	42	48" DIA	RARITAN BAY
36	OB-673	JOLINE AVENUE	40	30	4	74	13	59	5' X 3'	RARITAN BAY
37	OB-674	SPRAGUE AVENUE	40	30	1	74	14	11	36" DIA	RARITAN BAY
38	OB-675	LORETTO AVENUE	40	29	58	74	14	16	12' X 6'	RARITAN BAY
39	OB-682	SEGUINE AVENUE	40	30	47	74	11	49	24" DIA	RARITAN BAY
40	OB-683	SEGUINE AVENUE	40	30	47	74	11	49	16" DIA	RARITAN BAY
41	OB-722	CLERMONT AVENUE / FINLAY STREET	40	30	3	74	14	52	DBL 7'3" X 3'6"	RARITAN BAY
42	OB-541	#13 BAYVIEW TERRACE	40	31	36	74	9	49	8" DIA	RARITAN BAY (W)
43	OB-543	#15 BAYVIEW TERRACE	40	31	36	74	9	48	8" DIA	RARITAN BAY (W)
44	OB-157	300' E/O PURDY PLACE	40	31	6	74	11	58	12" DIA	RARITAN BAY (W)
45	OB-628	S. GOFF & STATEN ISLAND RAILROAD	40	31	25	74	12	44	18" DIA	LEMON CREEK
46	OB-629	STATEN ISLAND RAILROAD & W/O SHARROTT AVENUE	40	31	21	74	12	49	48" DIA	LEMON CREEK
47	OB-630	STATEN ISLAND RAILROAD & W/O WOODVALE AVENUE	40	31	27	74	12	36	18" DIA	LEMON CREEK
48	OB-631	STATEN ISLAND RAILROAD & E/O MANEE AVENUE	40	31	26	74	12	24	48" DIA	LEMON CREEK
49	OB-632	EAST DRUMGOOLE ROAD & ADDISON AVENUE	40	31	56	74	11	54	15" DIA	LEMON CREEK
50	OB-633	EAST DRUMGOOLE ROAD & ADDISON AVENUE	40	31	58	74	11	56	66" DIA	LEMON CREEK
51	OB-634	WEST TERRACE & E/O PAWLING AVENUE	40	31	59	74	11	43	24" DIA	LEMON CREEK

OAKWOOD BEACH

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	OB-635	MAGUIRE AVENUE & FONDA PLACE	40	31	42	74	12	44	48" DIA	LEMON CREEK
53	OB-663	SHARON LANE & W/O HELENE COURT	40	32	9	74	12	55	36" DIA	LEMON CREEK
54	OB-665	EYLANDT STREET & CHISHOLM STREET	40	31	32	74	11	34	84" DIA	LEMON CREEK
55	OB-666	LUTEN AVENUE & EYLANDT STREET & JANSEN STREET	40	31	33	74	11	25	48" DIA	LEMON CREEK
56	OB-667	EYLANDT STREET & HUGUENOT AVENUE	40	31	40	74	11	21	12" DIA	LEMON CREEK
57	OB-698	BOOTH AVENUE	40	32	11	74	10	34	5' X 3'2"	BLUE HERON
58	OB-699	EYLANDT STREET	40	31	58	74	10	23	5'8" X 3'7"	BLUE HERON
59	OB-700	KOCH POND	40	32	2	74	10	3	3'9" X 2'5"	BLUE HERON
60	OB-701	SHIRLEY AVENUE	40	31	48	74	10	16	4'5" X 2'10"	BLUE HERON
61	OB-702	NEWTON STREET	40	31	41	74	10	20	3'9" X 2'5"	BLUE HERON
62	OB-703	DOLE STREET	40	31	39	74	10	19	18" DIA	BLUE HERON
63	OB-704	POILLON AVENUE	40	31	45	74	10	34	30" DIA	BLUE HERON
64	OB-705	BENNETT POND	40	32	7	74	11	14	3'9" X 2'6"	ARBUTUS CREEK
65	OB-706	PHILIP AVENUE	40	32	1	74	10	50	3'9" X 2'5"	ARBUTUS CREEK
66	OB-707	HUGUENOT POND	40	31	50	74	11	25	3'9" X 2'5"	ARBUTUS CREEK
67	OB-708	ANDROVETTE POND	40	31	34	74	11	23	4' X 2'8"	ARBUTUS CREEK
68	OB-709	LUTEN POND	40	31	29	74	11	20	6'4" X 4"	ARBUTUS CREEK
69	OB-710	SALA COURT	40	31	56	74	11	10	3'2" X 2'	ARBUTUS CREEK
70	OB-711	RUGGLES STREET	40	31	60	74	10	58	18" DIA	ARBUTUS CREEK
71	OB-712	CONVENT AVENUE	40	32	25	74	12	47	6'11" X 4'5"	LEMON CREEK
72	OB-713	EDGEGROVE AVENUE	40	32	1	74	12	27	4' X 2'	LEMON CREEK
73	OB-714	DARLINGTON AVENUE	40	31	58	74	12	26	3'2" X 2'	LEMON CREEK
74	OB-715	MAGUIRE AVENUE	40	31	51	74	12	39	4' X 2'	LEMON CREEK
75	OB-716	FOSTER ROAD	40	31	40	74	12	6	5' X 3' 2"	LEMON CREEK
76	OB-717	AMBOY ROAD	40	31	30	74	12	32	4'5" X 2'10"	LEMON CREEK
77	OB-718	BAYVIEW AVENUE	40	31	11	74	12	16	5' X 2'6"	LEMON CREEK
78	OB-719	BAYVIEW AVENUE	40	31	20	74	12	17	4' X 4'	LEMON CREEK
79	OB-720	KOREAN WAR VETERANS MEMORIAL PARKWAY	40	32	3	74	11	55	60" DIA	WOLFE'S POND
80	OB-721	CHISHOLM AVENUE	40	31	32	74	11	34	8'10" X 5'8"	WOLFE'S POND
81	OB-158	25' W/O BAYVIEW AVENUE	40	30	47	74	12	1	12" DIA	LEMON CREEK (W)
82	OB-0200255-001	5' S/O SEGUINE AVE (RICHMOND MEMORIAL HOSP)	40	31	0	74	11	48	8" DIA	LEMON CREEK (W)
83	OB-0200387-001	200' S/O BAYVIEW AVENUE	40	30	47	74	12	4	36" DIA	PRINCES BAY (W)
84	OB-0140732-001	MOUNT LORETTO HOME FOR CHILDREN	40	30	50	74	12	42	12" DIA	PRINCES BAY (W)
85	OB-0140732-002	MOUNT LORETTO HOME FOR CHILDREN	40	30	49	74	12	43	6" DIA	PRINCES BAY (W)
86	OB-0140732-003	MOUNT LORETTO HOME FOR CHILDREN	40	30	50	74	12	43	8" DIA	PRINCES BAY (W)
87	OB-163	50' SW/O BUTLER AVENUE	40	30	7	74	13	31	24" DIA	RARITAN BAY (W)
88	OB-164	75' SW/O BUTLER AVENUE	40	30	7	74	13	32	24" DIA	RARITAN BAY (W)
89	OB-803	150' SW/O PAGE AVENUE	40	30	8	74	13	45	6" DIA	RARITAN BAY (W)
90	OB-547	300' NE/O JOLINE AVENUE	40	30	6	74	13	57	8" DIA	RARITAN BAY (W)
91	OB-548	250' NE/O JOLINE AVENUE	40	30	5	74	13	58	6" DIA	RARITAN BAY (W)
92	OB-539	75' SW/O JOLINE AVENUE	40	30	4	74	14	0	6" DIA	RARITAN BAY (W)
93	OB-119	MCDONALD COURT	40	29	57	74	15	4	2' X 2'	ARTHUR KILL (N)
94	OB-549	105' S/O AMBOY ROAD	40	30	25	74	15	19	6" DIA	ARTHUR KILL (E)
95	OB-550	100' S/O AMBOY ROAD	40	30	26	74	15	19	6" DIA	ARTHUR KILL (E)
96	OB-660	ROSSVILLE AVENUE	40	33	22	74	12	49	4'8" X 2'11"	ARTHUR KILL
97	OB-661	ARTHUR KILL ROAD & HERVEY STREET	40	33	12	74	13	5	6' X 9'4"	ARTHUR KILL
98	OB-662	HUGUENOT AVENUE	40	33	23	74	12	11	DBL 8'10" X 6'	ARTHUR KILL
99	OB-658	SOUTH BRIDGE STREET	40	31	29	74	14	22	36" DIA	ARTHUR KILL
100	OB-659	TURNER STREET & WEST SHORE EXPRESSWAY	40	32	31	74	13	19	66" DIA	ARTHUR KILL
101	OB-686	MAIN STREET	40	30	51	74	15	6	36" DIA	ARTHUR KILL
102	OB-676	TRACY AVENUE	40	30	58	74	14	46	3' X 3'	ARTHUR KILL

OAKWOOD BEACH

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	OB-677	NASSAU PLACE	40	31	9	74	14	26	36" DIA	ARTHUR KILL
104	OB-636	PAGE AVENUE & STATEN ISLAND RAILROAD	40	31	10	74	14	4	42" DIA	MILL CREEK
105	OB-637	PAGE AVENUE & RICHMOND VALLEY ROAD	40	31	14	74	14	4	42" DIA	MILL CREEK
106	OB-638	BOSCOMBE AVENUE & E/O WEST SHORE EXPRESSWAY	40	31	29	74	13	37	42" DIA	MILL CREEK
107	OB-639	BOSCOMBE AVENUE & E/O WEST SHORE EXPRESSWAY	40	31	29	74	13	37	18" DIA	MILL CREEK
108	OB-640	STATION AVENUE & W/O PARK SOUTH SERVICE ROAD	40	31	23	74	13	23	36" DIA	MILL CREEK
109	OB-684	345' E/O ARTHUR KILL ROAD	40	31	12	74	14	19	36" DIA	MILL CREEK
110	OB-685	850' E/O ARTHUR KILL ROAD & PAGE AVENUE	40	31	50	74	13	49	52" DIA	MILL CREEK
111	OB-690	ARTHUR KILL & PAGE AVENUE	40	31	38	74	13	51	36" DIA	ARTHUR KILL
112	OB-551	250' N/O NYS-DOS LANDFILL SUPER ROOM	40	34	28	74	11	56	6" DIA	GREAT FRESH KILL (E)
113	OB-806	300' N/O NYS-DOS LANDFILL SUPER ROOM	40	34	29	74	11	56	36" DIA	GREAT FRESH KILL (E)
114	OB-190	50' W/O WEST SHORE EXPRESSWAY OVERPASS	40	34	34	74	11	27	12" DIA	GREAT FRESH KILL (E)
115	OB-807	WEST SHORE EXPRESSWAY OVERPASS	40	34	35	74	11	25	18" DIA	GREAT FRESH KILL (E)
116	OB-605	450' N/O RICHMOND ROAD BRIDGE	40	34	3	74	10	4	6' X 3'	RICHMOND CREEK
117	OB-641	ARTHUR KILL ROAD & PARK DRIVE SOUTH	40	33	54	74	10	33	48" DIA	RICHMOND CREEK
118	OB-642	RICHMOND AVENUE & N/O ARTHUR KILL ROAD	40	33	43	74	10	10	72" DIA	RICHMOND CREEK
119	OB-643	RICHMOND AVENUE & N/O ARTHUR KILL ROAD	40	33	43	74	10	10	8' X 7'	RICHMOND CREEK
120	OB-644	ARTHUR KILL ROAD & E/O RIDGEWOOD AVENUE	40	33	38	74	9	57	3'9" X 2'5"	RICHMOND CREEK
121	OB-645	ABINGDON AVENUE & N/O ARTHUR KILL ROAD	40	33	50	74	9	39	16' X 6'6"	RICHMOND CREEK
122	OB-646	ARTHUR KILL ROAD & S/O TANGLEWOOD DRIVE	40	34	4	74	9	8	6'8" X 3'	RICHMOND CREEK
123	OB-664	INDEPENDENCE AVENUE & N/O FOREST HILL ROAD	40	34	15	74	10	6	78" DIA	RICHMOND CREEK
124	OB-691	MILL POND	40	34	21	74	8	33	3' X 2'6"	RICHMOND CREEK
125	OB-692	ST. ANDREWS ROAD	40	34	23	74	8	35	4' X 2'	RICHMOND CREEK
126	OB-693	LIGHTHOUSE AVENUE	40	34	25	74	8	29	18" DIA	RICHMOND CREEK
127	OB-694	MACE STREET & LIGHTHOUSE AVENUE	40	34	24	74	8	25	24" DIA	RICHMOND CREEK
128	OB-695	ST. GEORGES ROAD	40	34	33	74	8	1	4' X 2'	RICHMOND CREEK
129	OB-696	BOYLE PLACE / NUGENT STREET	40	34	38	74	7	55	5' X 3'	RICHMOND CREEK
130	OB-697	MEISNER AVENUE & LIGHTHOUSE AVENUE	40	34	57	74	7	51	36" DIA	RICHMOND CREEK
131	OB-647	RICHMOND AVENUE & RICHMOND HILL ROAD	40	35	24	74	10	6	16' X 6'	SPRINGVILLE CREEK
132	OB-648	RICHMOND AVENUE & RICHMOND HILL ROAD	40	35	21	74	10	4	42" DIA	SPRINGVILLE CREEK
133	OB-649	RICHMOND AVENUE & RICHMOND HILL ROAD	40	35	21	74	10	4	5' X 3'2"	SPRINGVILLE CREEK
134	OB-650	RICHMOND AVENUE & W/O RICHMOND HILL ROAD	40	35	23	74	10	6	18" DIA	SPRINGVILLE CREEK
135	OB-651	RICHMOND AVENUE & E/O NOME AVENUE	40	35	27	74	9	58	24" DIA	SPRINGVILLE CREEK
136	OB-652	RICHMOND AVENUE & NOME AVENUE	40	35	27	74	9	58	6'11" X 4'5"	SPRINGVILLE CREEK
137	OB-653	TRAVIS AVENUE & DRAPER AVENUE	40	35	36	74	9	51	8'10" X 5'8"	SPRINGVILLE CREEK
138	OB-654	TRAVIS AVENUE & FREEDOM AVENUE	40	35	35	74	9	51	36" DIA	SPRINGVILLE CREEK
139	OB-655	TRAVIS AVENUE & W/O MULBERRY AVENUE	40	35	39	74	10	9	42" DIA	SPRINGVILLE CREEK
140	OB-134	90' E/O RICHMOND RESTORATION	40	34	20	74	8	47	10" DIA	RICHMOND CREEK (S)
141	OB-135	N/O SAINT PATRICK PLACE BRIDGE	40	34	22	74	8	38	5' X 3'	RICHMOND CREEK (S)
142	OB-136	W/O BOYLE PLACE	40	34	37	74	7	58	18" DIA	RICHMOND CREEK (S)
143	OB-523	#1466 MANOR ROAD	40	35	23	74	7	26	12" DIA	RICHMOND CREEK (S)
144	OB-524	500' N/O #1466 MANOR ROAD	40	35	27	74	7	24	24" DIA	RICHMOND CREEK (S)
145	OB-525	NADINE ST	40	34	30	74	7	41	18" DIA	RICHMOND CREEK (NW)
146	OB-552	150' W/O MEISHNER AVENUE	40	35	0	74	7	55	8" DIA	RICHMOND CREEK (N)
147	OB-139	140' W/O MEISHNER AVENUE	40	35	0	74	7	55	24" DIA	RICHMOND CREEK (N)
148	OB-526	106' E/O ELENOR STREET BRIDGE	40	34	43	74	7	45	10" DIA	RICHMOND CREEK (N)
149	OB-527	250' N/O 56 ELEANOR STREET	40	34	43	74	7	45	10" DIA	RICHMOND CREEK (W)
150	OB-528	102' E/O ELEANOR STREET BRIDGE	40	34	43	74	7	45	10" DIA	RICHMOND CREEK (W)
151	OB-529	100' E/O ELEANOR STREET BRIDGE	40	34	43	74	7	45	10" DIA	RICHMOND CREEK (W)
152	OB-553	END OF ST ANDREWS PLACE (W/O SPRUCE ST)	40	34	28	74	8	22	6" DIA	RICHMOND CREEK (N)
153	OB-140	15' E/O ARTHUR KILL ROAD	40	34	20	74	8	49	18" DIA	RICHMOND CREEK (N)

OAKWOOD BEACH

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	OB-808	100' N/O LANDFILL OVERPASS	40	34	28	74	10	59	36" DIA	RICHMOND CREEK (N)
155	OB-809	200' W/O LANDFILL OVERPASS	40	34	41	74	11	6	24" DIA	MAIN CREEK (N)
156	OB-124	1500' W/O WEST SHORE EXPRESSWAY	40	34	48	74	11	55	32" DIA	FRESH KILLS (N)
157	OB-125	1550' W/O WEST SHORE EXPRESSWAY	40	34	48	74	11	57	16" DIA	FRESH KILLS (N)
158	OB-544	HYLAN BLVD	40	30	8	74	15	15	12" DIA	ARTHUR KILL


Oakwood Beach
PR
OB-524
OB-523
OB-139
OB-529
OB-526
OB-525
OB-687
OB-678
OB-679
OB-607
OB-688
OB-689
OB-680
OB-618
OB-619
OB-609
OB-610
OB-681
OB-001A
OB-001
NO NAME
PORTAGE AV
MONROE PL
BRIELLE AV
PERU ST
BOGERT AV
MANOR RD
TODT HILL RD
HELENA RD
BUTTONWOOD RD
BENEDICT RD
CIRCLE RD
ESMAC CT W
RIDGE LO
RIDGE AV
DUNCAN ST
MASON ST
HOLLY ST
VISTA AV
COLUMBUS AV
SCRANTON ST
TACOMA ST
LESLIE AV
FAYETTE AV
PARKINSON AV
STEUBEN ST
RADCLIFF RD
MAJOR AV
MC FARLAND AV
MC CLEAN AV
OCEAN AV
WINDOM AV
CEDAR AV
PRATT AV
SAND LA
ROBIN RD
KRAMER ST
HICKORY AV
KENSINGTON AV
JEROME AV
BIONIA AV
LAMPORT BL
MALLORY AV
NORWAY AV
VULCAN ST
MC LAUGHLIN ST
ANDREWS ST
PEARSALL ST
QUINTARD ST
LACONIA AV
HURLBERT ST
WILSON ST
OLD TOWN RD
DUMONT AV
REID AV
BATH AV
COOPER AV
MARK ST
NEWBERRY AV
ATLANTIC AV
RARITAN AV
BURGHER AV
ROCHELLE ST
DELAWARE ST
NORDEN ST
FOREST RD
ALTER AV
DELAWARE AV
CROMWELL AV
GARRETSON AV
SEAVIEW AV
FAIRVIEW PL
ROMER RD
COVENTRY RD
RICHMOND RD
JEFFERSON ST
ZOE ST
BUEL AV
DONGAN HILLS AV
LIBERTY AV
MASON AV
IRON MINE DR
FLAGG PL
HULL AV
ADAMS AV
JEFFERSON AV
STOBE AV
VERA ST
JOYCE ST
HYLAN BL
NAUGHTON AV
SLATER BL
SEAVER AV
ROWAN AV
STOBE AV
HAVEN AV
HUNTER AV
HAMDEN AV
BEDFORD AV
DUERSE PL
BOWDEN ST
JUNIPER PL
COLFAX AV
FREMONT AV
GREELEY AV
PRESCOTT AV
BANCROFT AV
BRYANT AV
LOCUST AV
BURBANK AV
STEELE AV
LOISTER PL
ED SON ST
CLAWSON ST
GRANT PL
OTIS AV
BACHE AV
JACQUES AV
NEW DORP LA
GODDINGTON AV
ROSE AV
BOUNDARY AV
SANILAC ST
RUDYARD ST
POULTNEY ST
OLDFIELD ST
MASON AV
NUGENT AV
FREEBORN ST
OLYMPIA BL
MIDLAND AV
LINCOLN AV
GREELEY AV
COLONY AV
BADEN PL
PATTERSON AV
GRAHAM BL
JEFFERSON AV
IONA ST
SIOUX ST
QUINCY AV
FR CAPODANNO BL
NEVADA AV
BEACON AV
KENT ST
ROCKLAND AV
ST GEORGE RD
MILBURN ST
SUMMIT AV
GELDNER AV
MACE ST
DALTON AV
EBONY ST
BEACH AV
DALE AV
BISHOP ST
1 ST
2 ST
3 ST
4 ST
5 ST
6 ST
7 ST
8 ST
9 ST
10 ST
ALLISON AV
PARK ST
AMBER ST
AMBOY RD
RIEDEL AV
COMBS AV
THOMAS ST
S RAILROAD AV
N RAILROAD AV
CANNON BL
RENO AV
PENN AV
PETER AV
TYSENS LA
CLAWSON ST
HYLAN
MILL RD
TITUS AV
CUBA AV
WEED AV
WINHAM AV
NEPTUNE ST
MAPLE ST
FINLEY AV
HETT AV
EBBITTS ST
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MILTON AV
EVA AV
PETER AV
OAK AV
ISABELLA AV
GUYON AV
ADELAIDE AV
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MALONE AV
MONTREAL AV
FAIRBANKS AV
CHESTERTON AV
CURRIE AV
BUFFALO ST
EMMET AV
HOPKINS AV
SPRATT AV
OVIS PL
TARRING ST
LEEDS ST
BROOK AV
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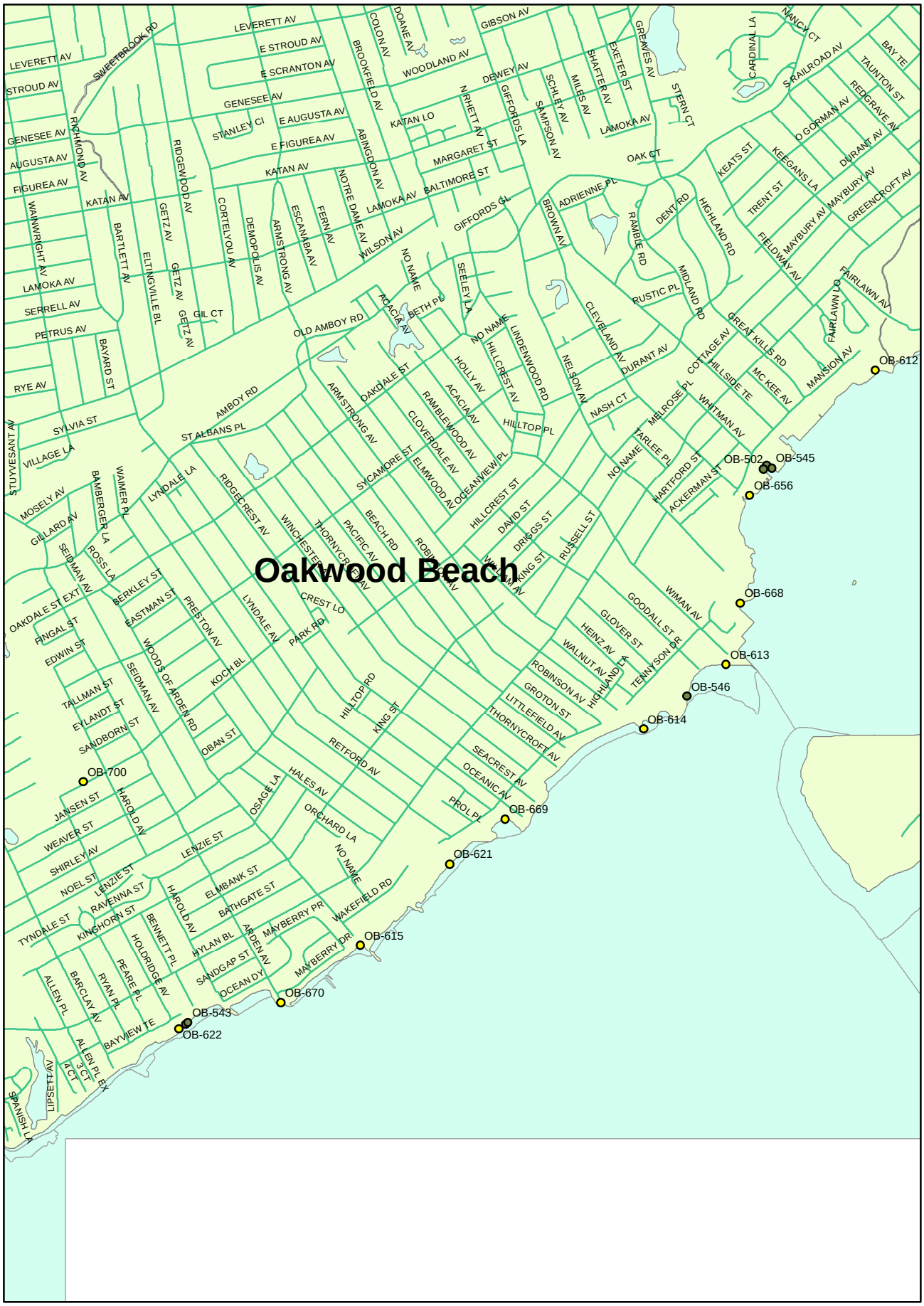
SMITHS LA
BROWN BL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STROUD AV
GENESEE AV
AUGUSTA AV
FIGUREA AV
KATAN AV
LAMOKA AV
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GILLARD AV
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EDWIN ST
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EYLANDT ST
SANDBORN ST
JANSEN ST
WEAVER ST
SHIRLEY AV
NOEL ST
TYNDALE ST
ALLEN PL
BARCLAY AV
BAYVIEW TE
LIPSETT AV
SPANISH LA
SWEETBROOK RD
RICHMOND AV
WAINWRIGHT AV
BARTLETT AV
BAYARD ST
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RIDGEWOOD AV
GETZ AV
GIL CT
CORTELYOU AV
DEMOPOLIS AV
ARMSTRONG AV
ESCANABA AV
FERN AV
NOTRE DAME AV
WILSON AV
ABINGDON AV
BROOKFIELD AV
COLON AV
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LEVERETT AV
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STANLEY CI
E AUGUSTA AV
E FIGUREA AV
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KATAN LO
WOODLAND AV
GIBSON AV
DEWEY AV
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SAMPSON AV
MILES AV
SHAFTER AV
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DURANT AV
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GREENCROFT AV
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TRENT ST
MAYBURY AV
FIELDWAY AV
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DENT RD
RAMBLE RD
MIDLAND RD
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MC KEE AV
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AMBOY RD
ST ALBANS PL
BETH PL
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SEELEY LA
LINDENWOOD RD
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HOLLY AV
ACACIA AV
RAMBLEWOOD AV
CLOVERDALE AV
ELMWOOD AV
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HILLTOP PL
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WINCHESTER AV
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LYNDALE LA
BAMBERGER LA
WAIMER PL
ROSS LA
SEIDMAN AV
BERKLEY ST
EASTMAN ST
PRESTON AV
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KOCH BL
OBAN ST
LYNDALE AV
CREST LO
PARK RD
HILLTOP RD
KING ST
RETFORD AV
HALES AV
ORCHARD LA
OSAGE LA
HAROLD AV
LENZIE ST
ELMBANK ST
BATHGATE ST
RAVENNA ST
KINGHORN ST
BENNETT PL
HOLDRIDGE AV
PEARE PL
RYAN PL
HYLAN BL
ARDEN AV
SANDGAP ST
OCEAN DY
MAYBERRY PR
MAYBERRY DR
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THORNYCROFT AV
LITTLEFIELD AV
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ROBINSON AV
HIGHLAND CT
WALNUT AV
HEINZ AV
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GOODALL ST
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WIMAN AV
RUSSELL ST
DRIGGS ST
DAVID ST
HILLCREST ST
KING ST
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OCEANVIEW PL
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HOLLY AV
HILLCREST AV
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SEELEY LA
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MOSELY AV
GILLARD AV
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SANDBORN ST
JANSEN ST
WEAVER ST
SHIRLEY AV
NOEL ST
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LIPSETT AV
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COLON AV
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E FIGUREA AV
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KATAN LO
WOODLAND AV
GIBSON AV
DEWEY AV
N RHETT AV
GIFFORDS LA
GIFFORDS CL
SCHLEY AV
SAMPSON AV
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RAMBLE RD
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RUSTIC PL
GREAT KILLS RD
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MELROSE PL
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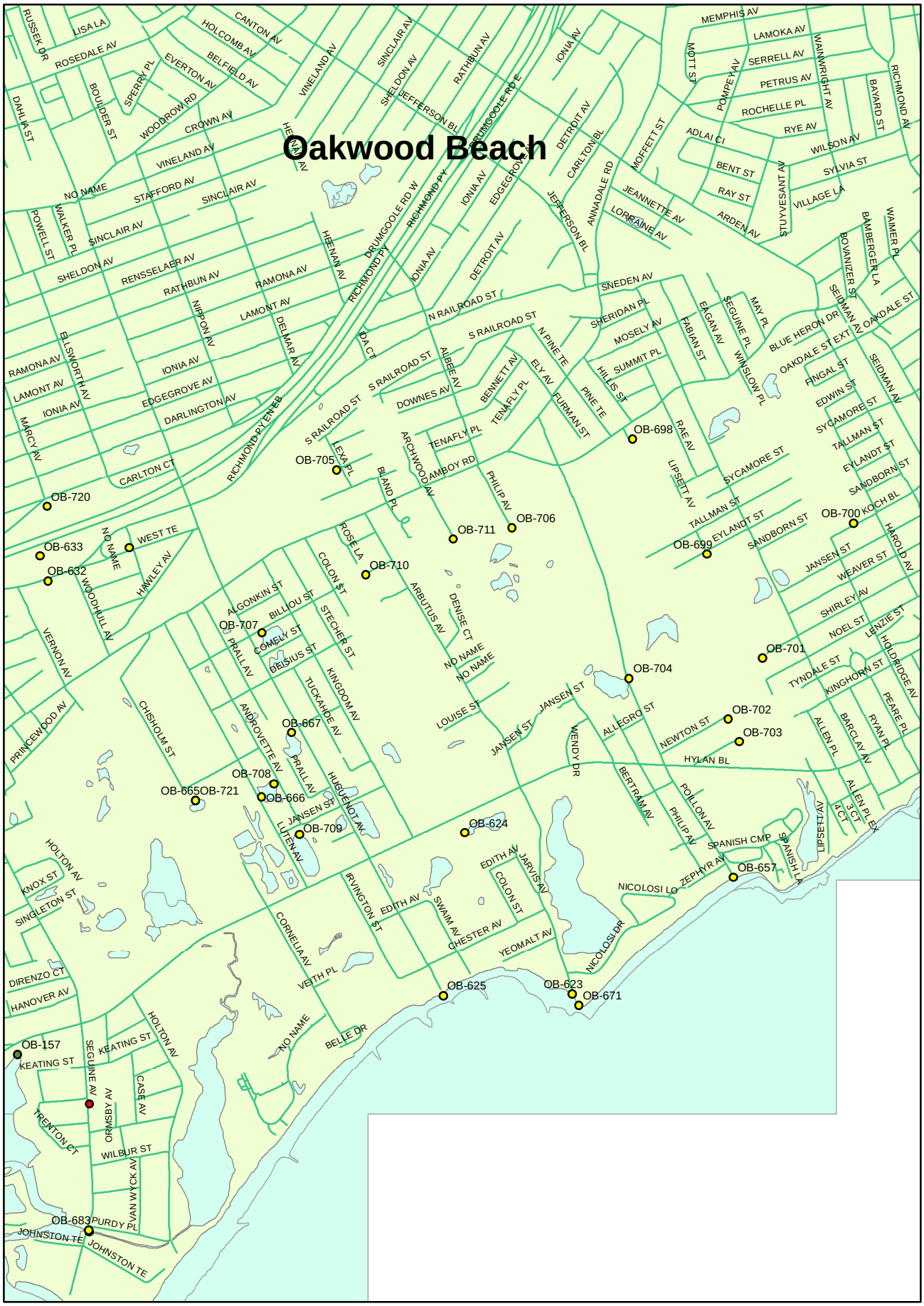
OAK CT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OB-665
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RUSSEK DR
LISA LA
ROSEDALE AV
CANTON AV
HOLCOMB AV
BELFIELD AV
EVERTON AV
SPERRY PL
BOULDER ST
WOODROW RD
CROWN AV
VINELAND AV
SINCLAIR AV
SHELDON AV
JEFFERSON BL
RATHBUN AV
DRUMGOOLE RD E
IONIA AV
DETROIT AV
CARLTON BL
MEMPHIS AV
LAMOKA AV
SERRELL AV
PETRUS AV
ROCHELLE PL
RYE AV
WILSON AV
SYLVIA ST
VILLAGE LA
WAINWRIGHT AV
BAYARD ST
RICHMOND AV
MOTT ST
POMPEY AV
MOFFETT ST
ADLAI CT
BENT ST
RAY ST
ARDEN AV
STUYVESANT AV
JEANNETTE AV
LORRAINE AV
ANNADALE RD
EDGEGROVE AV
HEENAN AV
DARLINGTON AV
NO NAME
STAFFORD AV
POWELL ST
WALKER PL
RENSSELAER AV
RAMONA AV
LAMONT AV
NIPPON AV
DELMAR AV
ELLSWORTH AV
MARCY AV
CARLTON CT
RICHMOND PY
RICHMOND PY EN EB
DRUMGOOLE RD W
DA CT
N RAILROAD ST
S RAILROAD ST
SNEDEN AV
SHERIDAN PL
MOSELY AV
SUMMIT PL
HILLIS ST
PINE TE
N PINE TE
ELY AV
FURMAN ST
BENNETT AV
TENAFLY PL
DOWNES AV
ALBEE AV
ARCHWOOD AV
AMBOY RD
PHILIP AV
LEXA PL
BLAND PL
ROSE LA
COLON ST
ARBUTUS AV
DENISE CT
EAGAN AV
FABIAN ST
SEGUINE PL
WINSLOW PL
MAY PL
RAE AV
LIPSETT AV
SYCAMORE ST
TALLMAN ST
EYLANDT ST
SANDBORN ST
KOCH BL
BLUE HERON DR
OAKDALE ST EXT
OAKDALE ST
FINGAL ST
EDWIN ST
SEIDMAN AV
BOVANIZER ST
BAMBERGER LA
WAIMER PL
HAROLD AV
JANSEN ST
WEAVER ST
SHIRLEY AV
NOEL ST
LENZIE ST
HOLDRIDGE AV
TYNDALE ST
KINGHORN ST
PEARE PL
RYAN PL
BARCLAY AV
ALLEN PL
ALLEN PL EX
3 CT
4 CT
WEST TE
HAWLEY AV
WOODHULL AV
VERNON AV
PRINCEWOOD AV
ALGONKIN ST
BILLIOU ST
COMELY ST
STECHER ST
PRALL AV
DELSIUS ST
KINGDOM AV
TUCKAHOE AV
ANDROVETTE AV
CHISHOLM ST
HUGUENOT AV
JANSEN ST
LUTEN AV
LOUISE ST
WENDY DR
ALLEGRO ST
NEWTON ST
HYLAN BL
BERTRAM AV
POILLON AV
PHILIP AV
SPANISH CMP
SPANISH LA
ZEPHYR AV
NICOLOSI LO
NICOLOSI DR
EDITH AV
JARVIS AV
COLON ST
SWAIM AV
CHESTER AV
YEOMALT AV
IRVINGTON ST
CORNELIA AV
VEITH PL
BELLE DR
HOLTON AV
KNOX ST
SINGLETON ST
DIRENZO CT
HANOVER AV
KEATING ST
SEGUINE AV
ORMSBY AV
CASE AV
TRENTON CT
WILBUR ST
VAN WYCK AV
PURDY PL
JOHNSTON TE


Oakwood Beach
OB-663
MARVIN RD
RAMONA AV
RATHBUN AV
RAMONA AV
LAMONT AV
IONIA AV
LENEVAR AV
EDGEGROVE AV
FOSTER RD
VERNON AV
OB-713
OB-714
DARLINGTON AV
CARLTON AV
DRUMGOOLE RD W
RICHMOND PY
VETERANS RD E
WEST SHORE EP
WEST SHORE EP
BLOOMINGDALE RD
OB-685
PITNEY AV
W SHORE EP EN RP
OB-715
RICHMOND PY
DRUMGOOLE RD E
BRADFORD AV
PARKWOOD AV
ASHLAND AV
ALBOURNE AV
MAGUIRE AV
MINTURN AV
LENEVAR AV
RICHMOND PY EN WB
NO NAME
RICHMOND PY ET EB
OB-635
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UNCAS AV
VALDEMAR AV
WHEELING AV
VETERANS RD W
OB-690
SAGONA CT
OB-716
S DRUM ST
GOFF AV
CLEARMONT AV
PARKWOOD AV
MADERA ST
TYRELLAN AV
RICHMOND PY EN EB
OUTERBRIDGE CG
W SHORE EP EN RP
SOUTH SR
HALLISTER ST
DUNHAM ST
IDAHO AV
GOFF AV
PETERSONS LA
TERRACE AV
SCUDDER AV
OBELL PL
SEGUINE AV
BOSCOMBE AV
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OB-639
GAYNOR ST
OB-717
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OB-630
OB-631
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FLORENCE PL
OSWALD PL
PLEASANT PLAINS AV
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MEADE LO
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STATION AV
PENTON ST
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OB-719
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BUTLER ST
COLE ST
LATOURETTE ST
LATOURETTE ST
BEDELL ST
CORDELIA AV
S GOFF AV
EXCELSIOR AV
RICHMOND VALLEY RD
AMBOY RD
MT LORETTO SR
FINLAY AV
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KENNETH PL
ELDER AV
WOODVALE AV
BURTON AV
EVERETT AV
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JOHNSTON TE
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NO NAME
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ESTELLE PL
ACADEMY AV
OB-672
HYLAN BL
CAMDEN AV
BUTLER BL
RICHARD AV
MT LORETTO SR
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TRICIA WY
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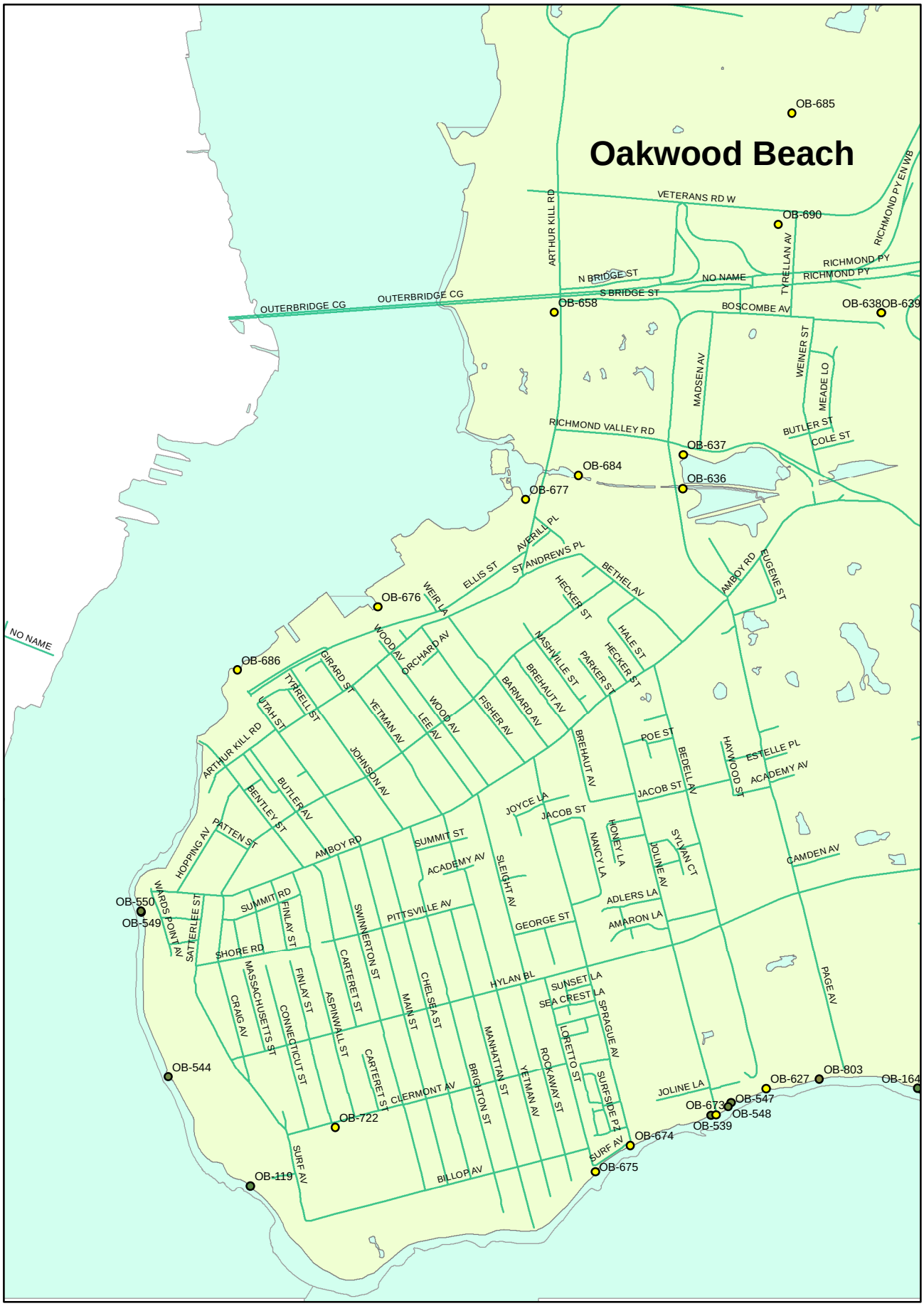
OB-803
OB-164
OB-163
OB-547
OB-673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OB-685
OB-690
VETERANS RD W
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ARTHUR KILL RD
TYRELLAN AV
RICHMOND PY
RICHMOND PY
N BRIDGE ST
NO NAME
S BRIDGE ST
OUTERBRIDGE CG
OUTERBRIDGE CG
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BOSCOMBE AV
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OB-639
WEINER ST
MADSEN AV
MEADE LO
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COLE ST
OB-637
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OB-636
OB-677
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ST ANDREWS PL
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BETHEL AV
AMBOY RD
EUGENE ST
OB-676
WEIR LA
HECKER ST
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WOOD AV
ORCHARD AV
NASHVILLE ST
HALE ST
GIRARD ST
BREHAUT AV
PARKER ST
HECKER ST
TYRRELL ST
BARNARD AV
UTAH ST
YETMAN AV
WOOD AV
FISHER AV
LEE AV
ARTHUR KILL RD
JOHNSON AV
BREHAUT AV
POE ST
BEDELL AV
HAYWOOD ST
ESTELLE PL
ACADEMY AV
BUTLER AV
BENTLEY ST
JACOB ST
JOYCE LA
JACOB ST
HOPPING AV
PATTEN ST
AMBOY RD
SUMMIT ST
HONEY LA
NANCY LA
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SYLVAN CT
CAMDEN AV
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SUMMIT RD
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PITTSVILLE AV
ADLERS LA
AMARON LA
GEORGE ST
SHORE RD
CARTERET ST
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MASSACHUSETTS ST
FINLAY ST
CRAIG AV
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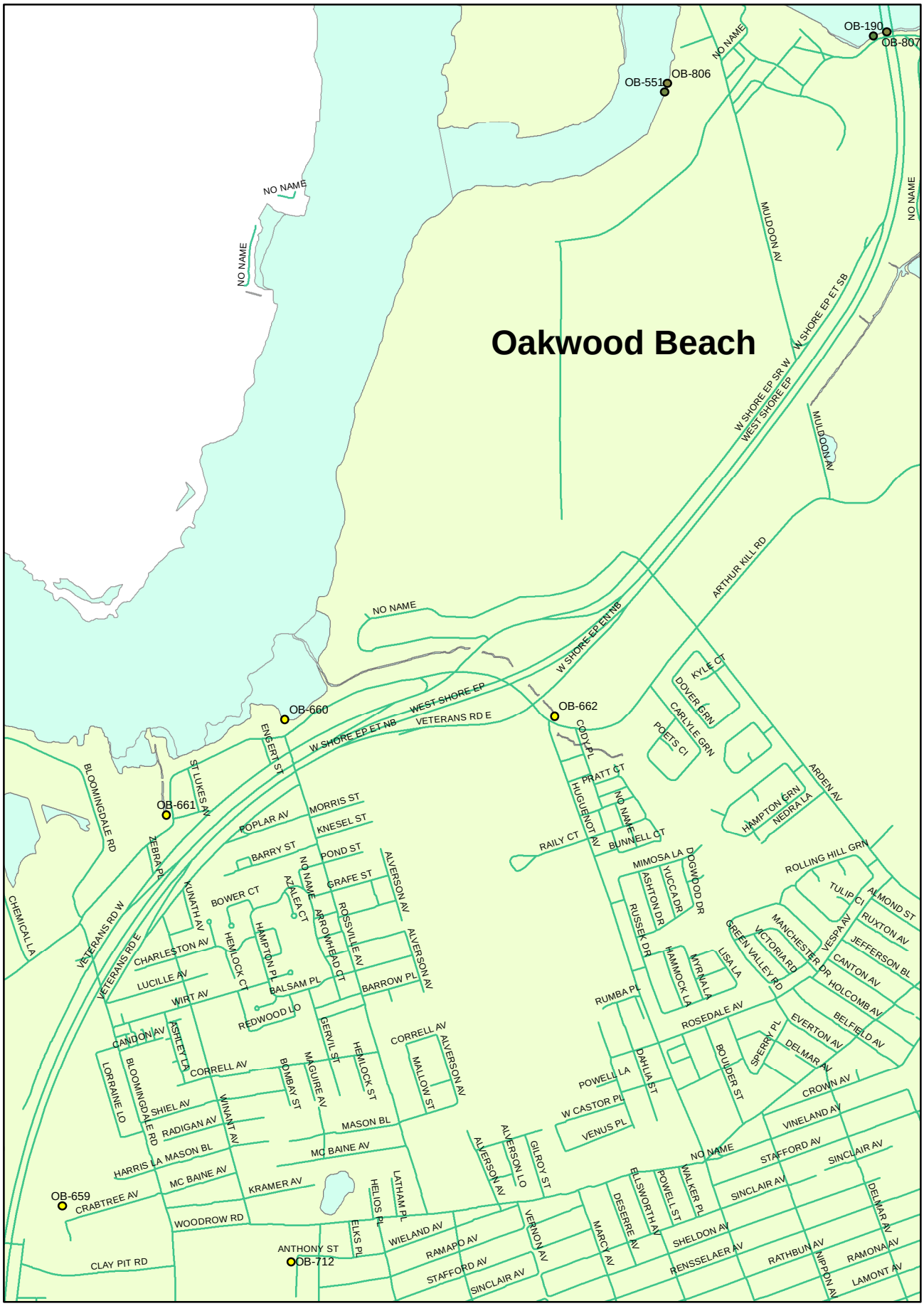
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WEST SHORE EP
ARTHUR KILL RD
W SHORE EP ET NB
VETERANS RD E
VETERANS RD W
BLOOMINGDALE RD
CHEMICAL LA
ST LUKES AV
ZEBRA PL
ENGERT ST
POPLAR AV
MORRIS ST
KNESEL ST
BARRY ST
POND ST
GRAFE ST
ALVERSON AV
KUNATH AV
BOWER CT
AZALEA CT
ARROWHEAD CT
ROSSVILLE AV
CHARLESTON AV
HEMLOCK CT
HAMPTON PL
LUCILLE AV
BALSAM PL
BARROW PL
WIRT AV
REDWOOD LO
CANDON AV
ASHLEY LA
GERVIL ST
CORRELL AV
MALLOW ST
LORRAINE LO
BLOOMINGDALE RD
BOMBAY ST
MAGUIRE AV
HEMLOCK ST
SHIEL AV
WINANT AV
RADIGAN AV
MASON BL
HARRIS LA
MC BAINE AV
KRAMER AV
CRABTREE AV
WOODROW RD
CLAY PIT RD
ANTHONY ST
HELIOS PL
LATHAM PL
ELKS PL
WIELAND AV
RAMAPO AV
STAFFORD AV
SINCLAIR AV
ALVERSON LO
GILROY ST
VERNON AV
MARCY AV
DESERRE AV
ELLSWORTH AV
POWELL ST
WALKER PL
SHELDON AV
RENSSELAER AV
RATHBUN AV
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RAMONA AV
LAMONT AV
DELMAR AV
CODY PL
PRATT CT
HUGUENOT AV
RAILY CT
BUNNELL CT
KYLE CT
DOVER GRN
CARLYLE GRN
POETS CI
HAMPTON GRN
NEDRA LA
ARDEN AV
MIMOSA LA
DOGWOOD DR
YUCCA DR
ASHTON DR
RUSSEK DR
HAMMOCK LA
MYRNA LA
LISA LA
ROLLING HILL GRN
TULIP CI
ALMOND ST
RUXTON AV
JEFFERSON BL
CANTON AV
HOLCOMB AV
BELFIELD AV
EVERTON AV
DELMAR AV
CROWN AV
VINELAND AV
STAFFORD AV
SINCLAIR AV
VESPA AV
MANCHESTER DR
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DAHLIA ST
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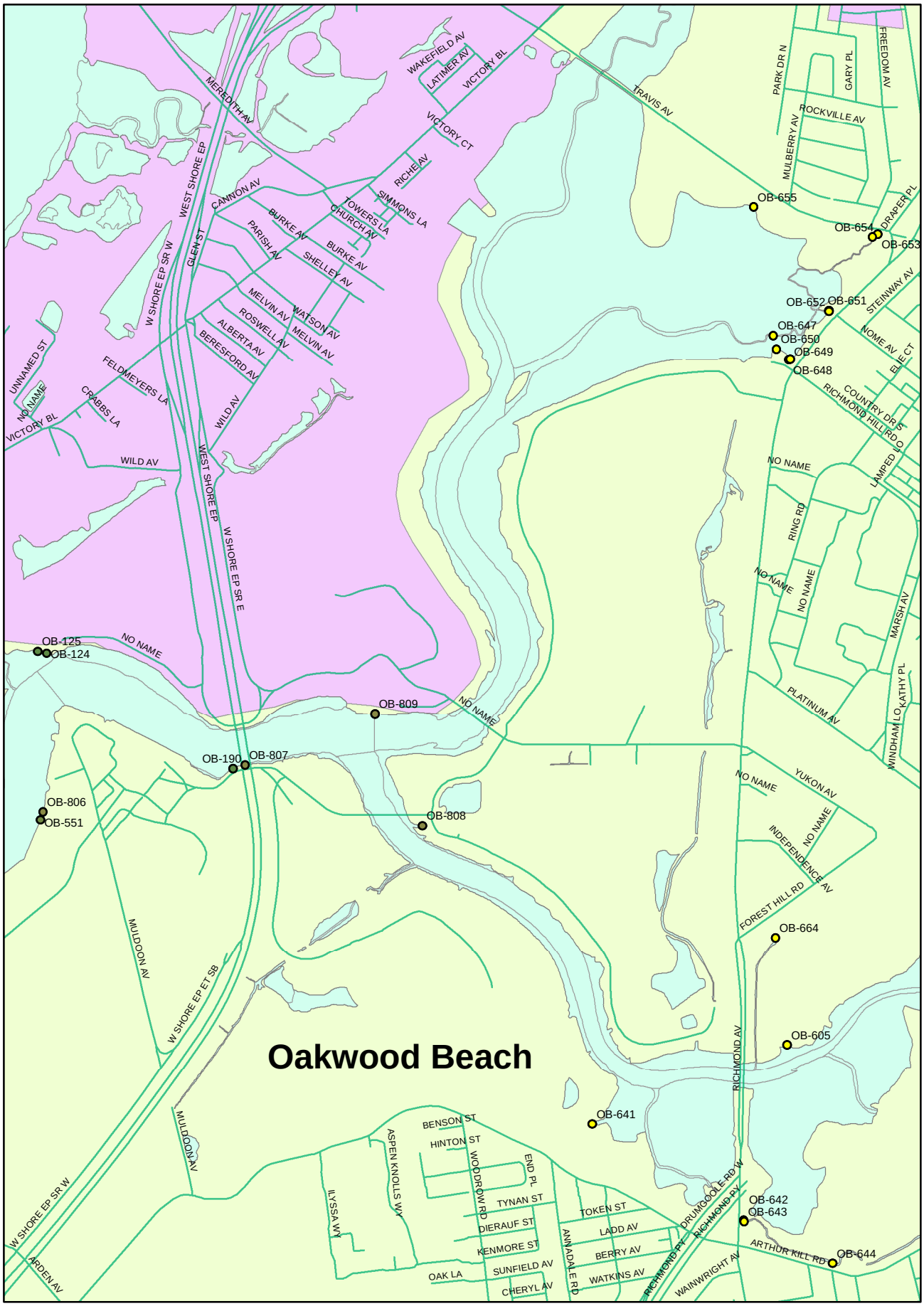
VENUS PL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TRAVIS AV
PARK DR N
GARY PL
FREEDOM AV
ROCKVILLE AV
MULBERRY AV
DRAPER PL
RICHE AV
SIMMONS LA
TOWERS LA
CHURCH AV
CANNON AV
BURKE AV
PARISH AV
SHELLEY AV
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GLEN ST
MELVIN AV
WATSON AV
ROSWELL AV
ALBERTA AV
BERESFORD AV
FELDMEYERS LA
CRABBS LA
UNNAMED ST
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WILD AV
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NOME AV
ELIE CT
COUNTRY DR S
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LAMPED LO
RING RD
MARSH AV
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KATHY PL
YUKON AV
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RICHMOND PY
ARTHUR KILL RD
WAINWRIGHT AV
BENSON ST
HINTON ST
ASPEN KNOLLS WY
ILYSSA WY
WOODROW RD
END PL
TYNAN ST
DIERAUF ST
KENMORE ST
SUNFIELD AV
OAK LA
CHERYL AV
TOKEN ST
LADD AV
BERRY AV
WATKINS AV
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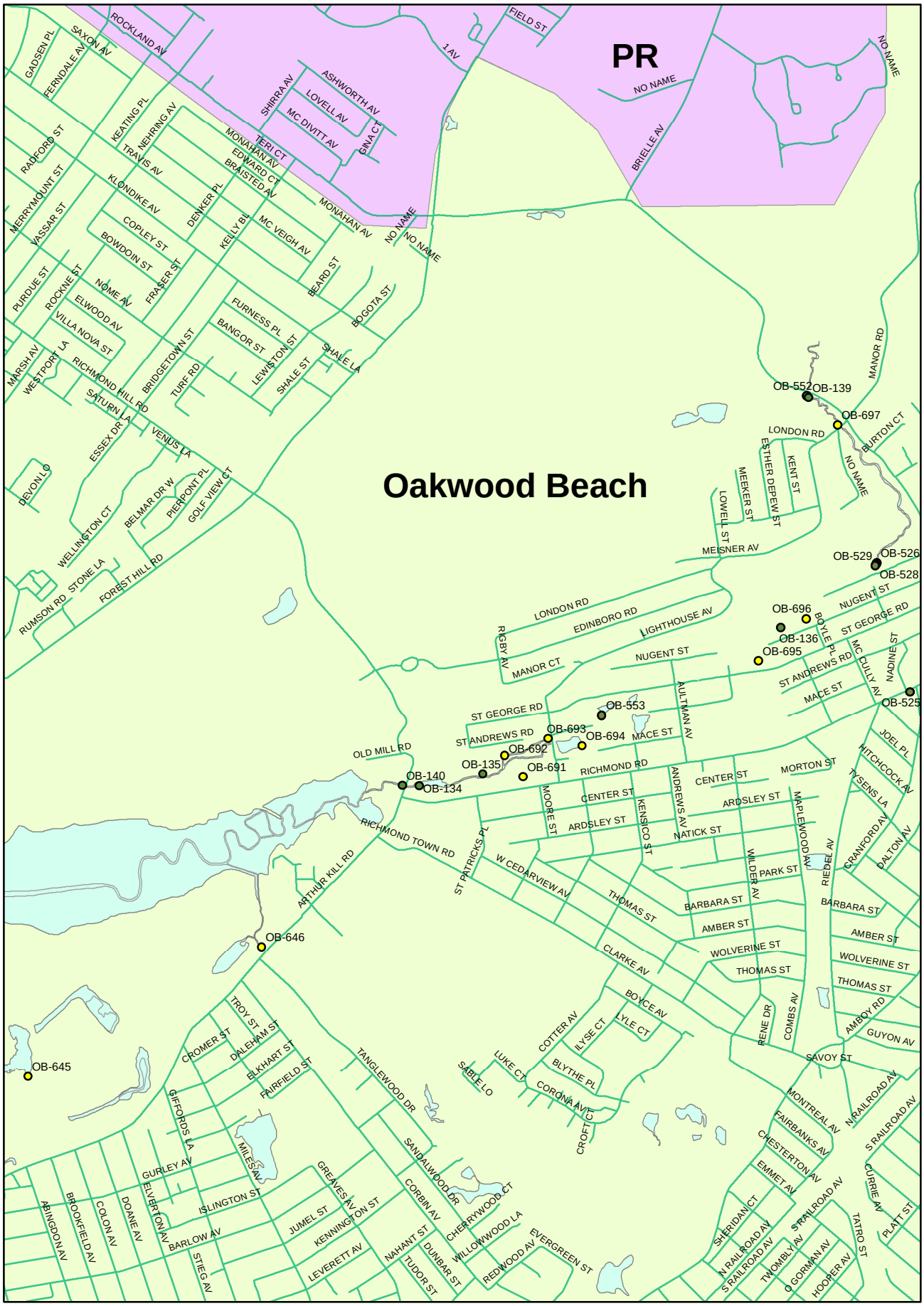
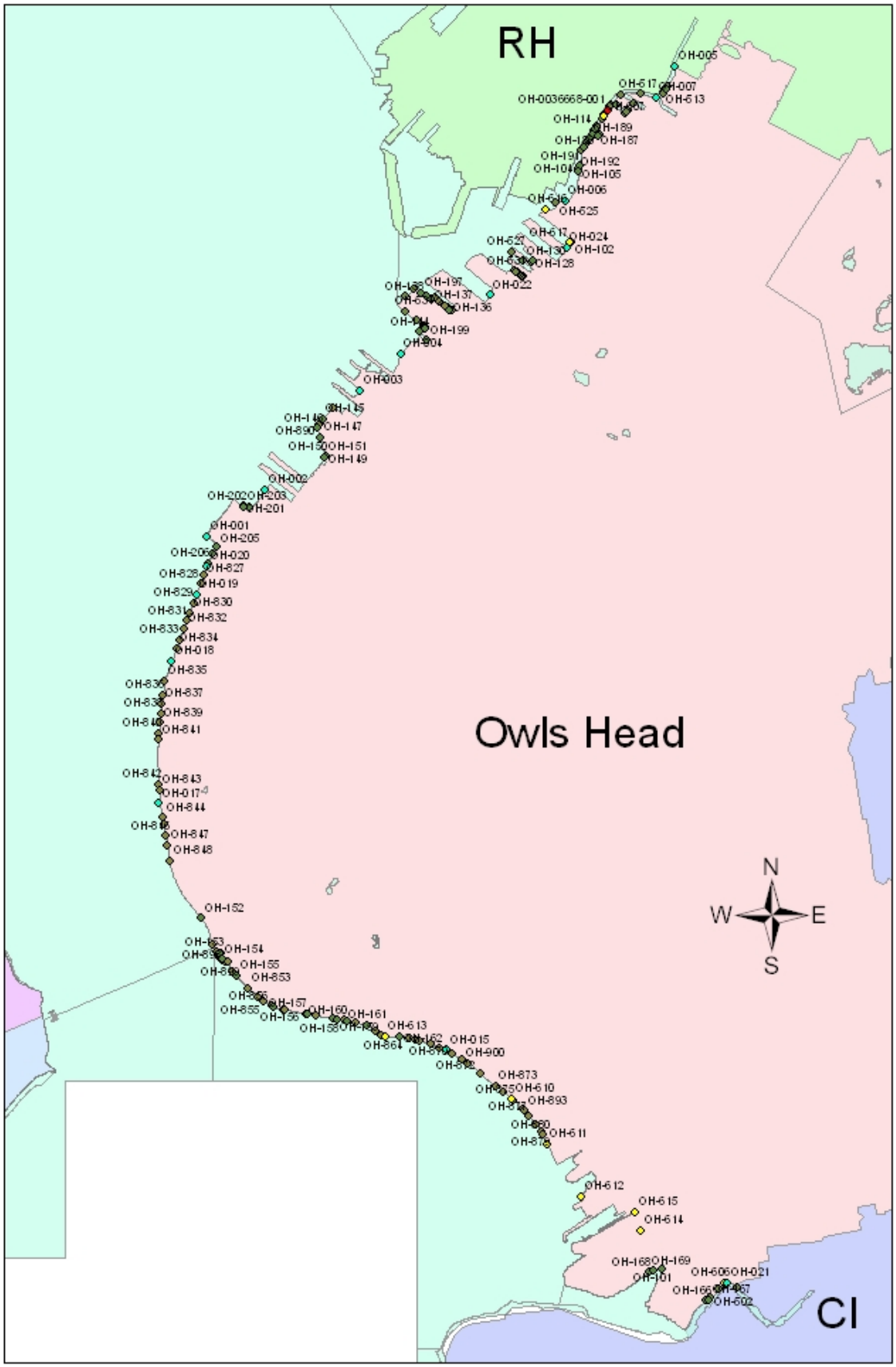
OB-644


PR
Oakwood Beach
ROCKLAND AV
GADSEN PL
SAXON AV
FERNDALE AV
FIELD ST
1 AV
NO NAME
BRIELLE AV
ASHWORTH AV
LOVELL AV
MC DIVITT AV
GINA CT
SHIRRA AV
TERI CT
MONAHAN AV
EDWARD CT
BRAISTED AV
KEATING PL
NEHRING AV
TRAVIS AV
RADFORD ST
MERRYMOUNT ST
VASSAR ST
KLONDIKE AV
DENKER PL
KEILLY BL
MC VEIGH AV
COPLEY ST
BOWDOIN ST
FRASER ST
BEARD ST
BOGOTA ST
PURDUE ST
ROCKNE ST
NOME AV
ELWOOD AV
VILLA NOVA ST
FURNESS PL
BANGOR ST
LEWISTON ST
SHALE ST
SHALE LA
MARSH AV
WESTPORT LA
RICHMOND HILL RD
BRIDGETOWN ST
TURF RD
SATURN LA
ESSEX DR
VENUS LA
DEVON LO
BELMAR DR W
PIERPONT PL
GOLF VIEW CT
WELLINGTON CT
STONE LA
FOREST HILL RD
RUMSON RD
MANOR RD
OB-552
OB-139
OB-697
LONDON RD
BURTON CT
ESTHER DEPEW ST
KENT ST
MEEKER ST
LOWELL ST
MEISNER AV
OB-529
OB-526
OB-528
NUGENT ST
OB-696
BOYLE PL
ST GEORGE RD
OB-136
OB-695
MC CULLY AV
NADINE ST
ST ANDREWS RD
MACE ST
OB-525
LONDON RD
EDINBORO RD
LIGHTHOUSE AV
RIGBY AV
MANOR CT
NUGENT ST
AULTMAN AV
OB-553
ST GEORGE RD
ST ANDREWS RD
OB-693
OB-694
MACE ST
OB-692
OB-691
OB-135
OLD MILL RD
OB-140
OB-134
RICHMOND RD
CENTER ST
MORTON ST
JOEL PL
HITCHCOCK AV
TYSENS LA
MOORE ST
CENTER ST
ANDREWS AV
ARDSLEY ST
MAPLEWOOD AV
ARDSLEY ST
KENSICO ST
NATICK ST
RICHMOND TOWN RD
ST PATRICKS PL
W CEDARVIEW AV
WILDER AV
PARK ST
RIEDEL AV
CRANFORD AV
DALTON AV
ARTHUR KILL RD
THOMAS ST
BARBARA ST
BARBARA ST
AMBER ST
AMBER ST
OB-646
CLARKE AV
WOLVERINE ST
WOLVERINE ST
THOMAS ST
THOMAS ST
BOYCE AV
AMBOY RD
GUYON AV
RENE DR
COMBS AV
COTTER AV
ILYSE CT
LYLE CT
TROY ST
CROMER ST
DALEHAM ST
ELKHART ST
FAIRFIELD ST
OB-645
TANGLEWOOD DR
SABLE LO
LUKE CT
BLYTHE PL
CORONA AV
CROFT CT
SAVOY ST
MONTREAL AV
N RAILROAD AV
S RAILROAD AV
FAIRBANKS AV
CHESTERTON AV
EMMET AV
CURRIE AV
GIFFORDS LA
MILES AV
GURLEY AV
ELVERTON AV
ISLINGTON ST
GREAVES AV
SANDALWOOD DR
CORBIN AV
CHERRYWOOD CT
WILLOWWOOD LA
ABINGDON AV
BROOKFIELD AV
COLON AV
DOANE AV
BARLOW AV
JUMEL ST
KENNINGTON ST
LEVERETT AV
STIEG AV
NAHANT ST
DUNBAR ST
TUDOR ST
REDWOOD AV
EVERGREEN ST
SHERIDAN CT
N RAILROAD AV
S RAILROAD AV
TWOMBLY AV
O GORMAN AV
HOOPER AV
TATRO ST
PLATT ST

Outfall ID: OB-001A
Location: OAKWOOD BEACH PLANT OUTFALL
Latitude: 40° 32' 57"
Longitude: 74° 6' 52"
Outfall Size: 60" DIA
Receiving Water: LOWER NEW YORK BAY

OWLS HEAD DRAINAGE AREA

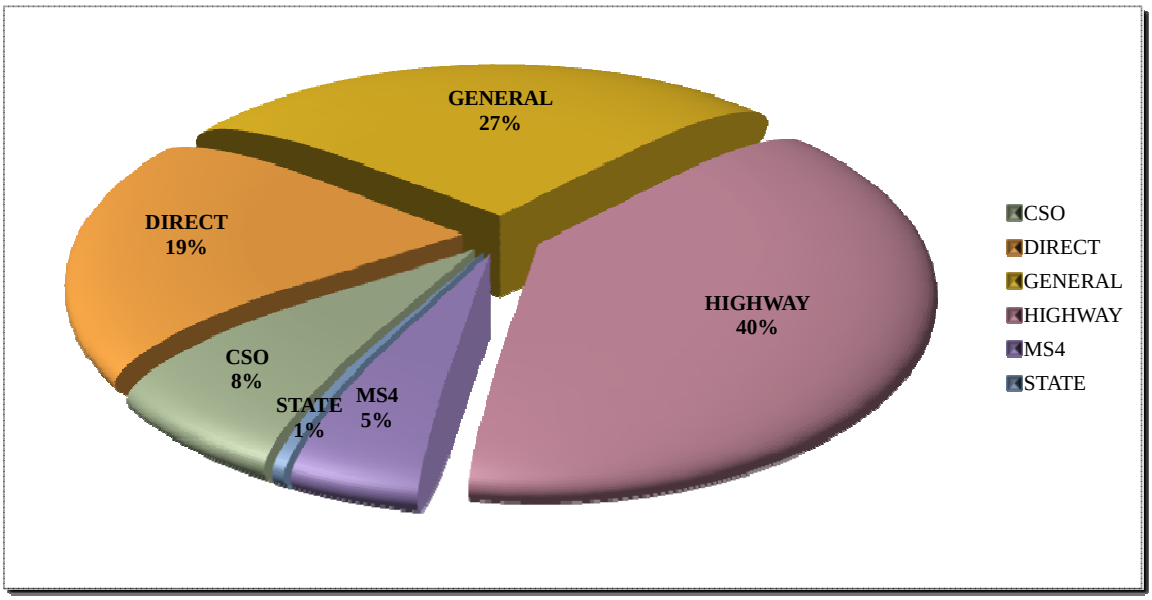


OWLS HEAD SURVEY REPORT

The survey of the entire drainage area of Owls Head, 15.67 miles of shoreline, resulted in the identification of 196 outfalls. The outfalls consist of 15 combined sewer overflow outfalls, 79 highway outfalls, 53 general outfalls, 38 direct discharge outfalls, 10 storm outfalls and 1 SPDES permitted outfall. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Owls Head Water Pollution control Plant receives flow from the southwest section of Brooklyn. The entire drainage area was inspected by boat and inflatable raft. The survey began at Stillwell Avenue in Coney Island Creek (north side) passing the Coney Island Boat Basin into Gravesend Bay. Afterwards, survey proceeded north-northwest under the Verrazano Narrows Bridge into Upper New York Bay including Bush Terminal Docks, Gowanus Bay and Gowanus Canal, as well as street basins along 1st Street, 4th Street, 5th Street, 6th Street, 7th Street and 11th Street.

Percentile representation of Owls Head outfalls



OWLS HEAD

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	OH-005	CARROLL STREET BRIDGE	40	40	41	73	59	20	42" DIA	GOWANUS CANAL (E)
2	OH-509	50' N/O THIRD STREET BRIDGE	40	40	35	73	59	23	6" DIA	GOWANUS CANAL (E)
3	OH-126	25' N/O THIRD STREET BRIDGE	40	40	34	73	59	24	24" DIA	GOWANUS CANAL (E)
4	OH-510	15' N/O THIRD STREET BRIDGE	40	40	34	73	59	24	6" DIA	GOWANUS CANAL (E)
5	OH-511	5' N/O THIRD STREET BRIDGE	40	40	34	73	59	24	6" DIA	GOWANUS CANAL (E)
6	OH-512	3' N/O THIRD STREET BRIDGE	40	40	34	73	59	24	6" DIA	GOWANUS CANAL (E)
7	OH-501	5' S/O THIRD STREET BRIDGE	40	40	34	73	59	25	8" DIA	GOWANUS CANAL (E)
8	OH-513	10' S/O THIRD STREET BRIDGE	40	40	33	73	59	25	4" DIA	GOWANUS CANAL (E)
9	OH-007	2ND AVENUE	40	40	32	73	59	27	78" DIA	GOWANUS CANAL (S)
10	OH-514	100' E/O 5TH STREET	40	40	33	73	59	33	6" DIA	GOWANUS CANAL (S)
11	OH-515	200' E/O GOWANUS CANAL	40	40	30	73	59	36	6" DIA	6TH STREET BASIN (N)
12	OH-516	200' E/O GOWANUS CANAL	40	40	30	73	59	36	8" DIA	6TH STREET BASIN (S)
13	OH-517	75' N/O 6TH STREET BASIN	40	40	33	73	59	41	8" DIA	GOWANUS CANAL (E)
14	OH-172	500' W/O 7TH STREET	40	40	30	73	59	42	12" DIA	7TH STREET BASIN (N)
15	OH-518	NORTHEAST CORNER OF BASIN	40	40	28	73	59	38	8" DIA	7TH STREET BASIN (E)
16	OH-519	END OF BASIN	40	40	28	73	59	38	8" DIA	7TH STREET BASIN (E)
17	OH-506	SOUTHEAST CORNER OF BASIN	40	40	27	73	59	39	8" DIA	7TH STREET BASIN (S)
18	OH-520	210' N/O 9TH STREET BRIDGE	40	40	30	73	59	44	6" DIA	GOWANUS CANAL (E)
19	OH-521	200' N/O 9TH STREET BRIDGE	40	40	29	73	59	44	6" DIA	GOWANUS CANAL (E)
20	OH-0036668-001	150' N/O 9TH STREET BRIDGE	40	40	28	73	59	45	10" DIA	GOWANUS CANAL (E)
21	OH-607	E/O 9TH STREET	40	40	27	73	59	47	12" DIA	GOWANUS CANAL
22	OH-522	20' S/O 9TH STREET BRIDGE	40	40	26	73	59	47	8" DIA	GOWANUS CANAL (E)
23	OH-523	20' N/O 10 STREET	40	40	27	73	59	46	8" DIA	GOWANUS CANAL (E)
24	OH-524	10STREET	40	40	24	73	59	49	8" DIA	GOWANUS CANAL (E)
25	OH-114	50' N/O 11TH STREET BASIN	40	40	23	73	59	50	10" DIA	GOWANUS CANAL (E)
26	OH-508	75' E/O GOWANUS CANAL	40	40	19	73	59	53	10" DIA	11TH STREET BASIN (N)
27	OH-186	TOP OF NORTHEAT CORNER OF BASIN	40	40	21	73	59	48	10" DIA	11TH STREET BASIN (E)
28	OH-887	BOTTOM OF NORTHEAST CORNER OF BASIN	40	40	21	73	59	49	10" DIA	11TH STREET BASIN (E)
29	OH-187	1' S/O NORTHEAST CORNER OF BASIN	40	40	21	73	59	49	10" DIA	11TH STREET BASIN (E)
30	OH-888	20' N/O 11TH STREET	40	40	23	73	59	50	6" DIA	11TH STREET BASIN (E)
31	OH-889	SOUTHEAST CORNER OF BASIN	40	40	21	73	59	49	4" DIA	11TH STREET BASIN (E)
32	OH-111	75' S/O 11TH STREET BASIN	40	40	22	73	59	51	18" DIA	GOWANUS CANAL (E)
33	OH-110	76' S/O 11TH STREET BASIN	40	40	22	73	59	51	18" DIA	GOWANUS CANAL (E)
34	OH-109	100' S/O 11TH STREET BASIN	40	40	21	73	59	52	36" DIA	GOWANUS CANAL (E)
35	OH-189	125' S/O 11TH STREET BASIN	40	40	20	73	59	52	18" DIA	GOWANUS CANAL (E)
36	OH-108	N/O 12TH STREET	40	40	20	73	59	52	18" DIA	GOWANUS CANAL (E)
37	OH-106	10' N/O GOWANUS EXPRESSWAY	40	40	18	73	59	54	18" DIA	GOWANUS CANAL (E)
38	OH-538	S/O ALEXANDER HAMILTON BRIDGE	40	40	17	73	59	55	12" DIA	GOWANUS CANAL (E)
39	OH-191	10' N/O 15TH STREET	40	40	13	73	59	56	10" DIA	GOWANUS CREEK (E)
40	OH-105	15TH STREET	40	40	12	73	59	56	10" DIA	GOWANUS CREEK (E)
41	OH-104	15' S/O 15TH STREET	40	40	12	73	59	56	10" DIA	GOWANUS CREEK (E)
42	OH-192	40' S/O 15TH STREET	40	40	11	73	59	56	10" DIA	GOWANUS CREEK (E)
43	OH-006	19TH STREET (NORTH SIDE)	40	40	3	74	0	1	36" DIA	GOWANUS CREEK (E)
44	OH-616	21ST STREET	40	40	0	74	0	8	24" DIA	GOWANUS CANAL (E)
45	OH-617	22ND STREET	40	39	51	73	59	59	36" DIA	GOWANUS CANAL (E)
46	OH-525	20TH N/O 21ST STREET	40	40	2	74	0	4	6" DIA	GOWANUS CREEK (E)
47	OH-102	20' S/O 22ND STREET	40	39	52	73	59	59	12" DIA	GOWANUS CREEK (E)
48	OH-128	26TH STREET	40	39	46	74	0	13	10" DIA	GOWANUS CREEK (E)
49	OH-507	25' S/O 26TH STREET	40	39	46	74	0	13	8" DIA	GOWANUS CREEK (E)
50	OH-130	250' W/O 26TH STREET	40	39	46	74	0	16	12" DIA	GOWANUS CREEK (E)
51	OH-526	550' W/O 26TH STREET	40	39	49	74	0	21	6" DIA	GOWANUS CREEK (E)

OWLS HEAD

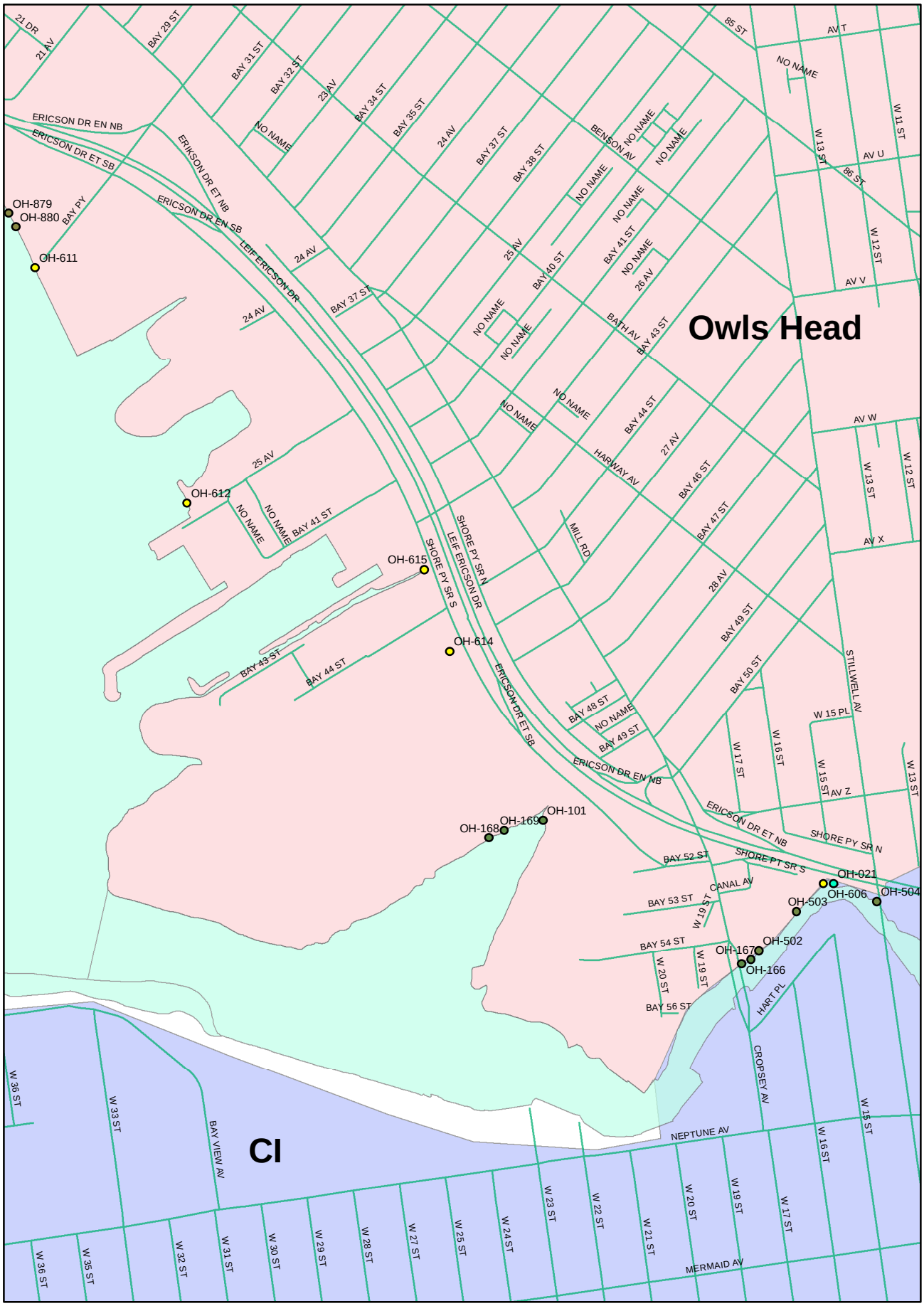
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	OH-527	550' W/O 26TH STREET	40	39	49	74	0	21	8" DIA	GOWANUS CREEK (E)
53	OH-801	20' S/O 28TH STREET	40	39	42	74	0	16	6" DIA	GOWANUS BAY (E)
54	OH-802	20' S/O 28TH STREET	40	39	42	74	0	16	6" DIA	GOWANUS BAY (E)
55	OH-803	50' S/O 28TH STREET	40	39	42	74	0	17	6" DIA	GOWANUS BAY (E)
56	OH-528	80' S/O 28TH STREET	40	39	42	74	0	17	6" DIA	GOWANUS BAY (E)
57	OH-529	110' S/O 28TH STREET	40	39	43	74	0	18	6" DIA	GOWANUS BAY (E)
58	OH-530	140' S/O 28TH STREET	40	39	43	74	0	18	6" DIA	GOWANUS BAY (E)
59	OH-531	170' S/O 28TH STREET	40	39	43	74	0	19	6" DIA	GOWANUS BAY (E)
60	OH-804	200' S/O 28TH STREET	40	39	43	74	0	19	6" DIA	GOWANUS BAY (E)
61	OH-022	32ND STREET (BUSH TERMINAL COMPLEX)	40	39	37	74	0	29	6' X 4'	GOWANUS BAY (E)
62	OH-136	20' N/O 36TH STREET	40	39	32	74	0	43	24" DIA	GOWANUS BAY (E)
63	OH-805	20' W/O 36TH STREET	40	39	33	74	0	43	10" DIA	GOWANUS BAY (E)
64	OH-806	35' W/O 36TH STREET	40	39	33	74	0	44	6" DIA	GOWANUS BAY (E)
65	OH-807	60' W/O 36TH STREET	40	39	33	74	0	44	6" DIA	GOWANUS BAY (E)
66	OH-808	110' W/O 36TH STREET	40	39	33	74	0	45	6" DIA	GOWANUS BAY (E)
67	OH-812	250' W/O 36TH STREET	40	39	35	74	0	47	6" DIA	GOWANUS BAY (E)
68	OH-814	310' W/O 36TH STREET	40	39	35	74	0	48	6" DIA	GOWANUS BAY (E)
69	OH-815	360' W/O 36TH STREET	40	39	36	74	0	49	6" DIA	GOWANUS BAY (E)
70	OH-137	S/O 36TH STREET	40	39	36	74	0	50	2' X 3'	GOWANUS BAY (E)
71	OH-138	100' SW/O 36TH STREET	40	39	36	74	0	52	12" DIA	GOWANUS BAY (E)
72	OH-197	150' SW/O 36TH STREET	40	39	37	74	0	54	12" DIA	GOWANUS BAY (E)
73	OH-532	100' N/O 37TH STREET	40	39	38	74	0	57	8" DIA	GOWANUS BAY (E)
74	OH-533	37TH STREET	40	39	36	74	0	59	6" DIA	GOWANUS BAY (E)
75	OH-534	400' W/O 39TH STREET	40	39	32	74	0	60	6" DIA	GOWANUS BAY (N)
76	OH-535	200' W/O 39TH STREET	40	39	29	74	0	55	6" DIA	GOWANUS BAY (N)
77	OH-536	75' W/O 39TH STREET	40	39	28	74	0	53	6" DIA	GOWANUS BAY (N)
78	OH-537	10' W/O 39TH STREET	40	39	28	74	0	52	6" DIA	GOWANUS BAY (N)
79	OH-539	39TH STREET	40	39	27	74	0	52	24" DIA	GOWANUS BAY (E)
80	OH-143	20' S/O 39TH STREET	40	39	27	74	0	52	12" DIA	GOWANUS BAY (E)
81	OH-144	N/O 40TH STREET	40	39	26	74	0	54	24" DIA	GOWANUS BAY (E)
82	OH-199	40TH STREET	40	39	24	74	0	52	2' X 2'	UPPER NEW YORK BAY (E)
83	OH-004	43RD STREET (REG #7D)	40	39	20	74	1	1	6' X 4'	UPPER NEW YORK BAY (E)
84	OH-003	49TH STREET (REG #7A,B,C)	40	39	10	74	1	16	11' X 8'	UPPER NEW YORK BAY (E)
85	OH-818	20' S/O 52ND STREET	40	39	5	74	1	26	10" DIA	UPPER NEW YORK BAY (E)
86	OH-145	50' S/O 53RD STREET	40	39	2	74	1	30	18" DIA	UPPER NEW YORK BAY (E)
87	OH-820	150' N/O 55TH STREET	40	39	1	74	1	31	10" DIA	UPPER NEW YORK BAY (E)
88	OH-890	100' N/O 55TH STREET	40	39	0	74	1	31	24" DIA	UPPER NEW YORK BAY (E)
89	OH-146	55TH STREET	40	38	59	74	1	32	24" DIA	UPPER NEW YORK BAY (E)
90	OH-147	100' S/O 55TH STREET	40	38	57	74	1	31	18" DIA	UPPER NEW YORK BAY (E)
91	OH-149	10' N/O 57TH STREET	40	38	51	74	1	29	12" DIA	UPPER NEW YORK BAY (E)
92	OH-150	57TH STREET	40	38	51	74	1	29	24" DIA	UPPER NEW YORK BAY (E)
93	OH-151	57TH STREET	40	38	51	74	1	29	24" DIA	UPPER NEW YORK BAY (E)
94	OH-002	64TH STREET (REG #6A,B,C)	40	38	42	74	1	51	3BL 15' X 7' 6"	UPPER NEW YORK BAY (E)
95	OH-201	125' N/O OWLS HEAD WPCP	40	38	37	74	1	59	10" DIA	UPPER NEW YORK BAY (E)
96	OH-202	50' S/O OWLS HEAD WPCP FLOATING DOCK	40	38	37	74	1	57	12" DIA	UPPER NEW YORK BAY (E)
97	OH-203	100' N/O OWLS HEAD WPCP	40	38	37	74	1	59	10" DIA	UPPER NEW YORK BAY (E)
98	OH-001	OWLS HEAD W.P.C.P OUTFALL	40	38	29	74	2	12	96" DIA	UPPER NEW YORK BAY (E)
99	OH-205	25' N/O SOUTH END OF OWLS HEAD WPCP	40	38	26	74	2	9	48" DIA	UPPER NEW YORK BAY
100	OH-204	150' N/O SOUTH END OF OWLS HEAD WPCP	40	38	24	74	2	11	10" DIA	UPPER NEW YORK BAY
101	OH-206	N/O BAY RIDGE AVENUE (WPCP)	40	38	21	74	2	12	10" DIA	UPPER NEW YORK BAY (E)
102	OH-020	BAY RIDGE AVENUE (REG #5)	40	38	21	74	2	12	3' X 3'	UPPER NEW YORK BAY (E)

OWLS HEAD

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	OH-827	70TH STREET	40	38	18	74	2	14	10" DIA	UPPER NEW YORK BAY (E)
104	OH-828	MACKAY PLACE	40	38	16	74	2	15	10" DIA	UPPER NEW YORK BAY (E)
105	OH-019	71ST STREET (REG #4)	40	38	13	74	2	16	48" DIA	UPPER NEW YORK BAY (E)
106	OH-829	72ND STREET	40	38	10	74	2	17	10" DIA	UPPER NEW YORK BAY (E)
107	OH-830	73RD STREET	40	38	7	74	2	19	10" DIA	UPPER NEW YORK BAY (E)
108	OH-831	74TH STREET	40	38	5	74	2	20	10" DIA	UPPER NEW YORK BAY (E)
109	OH-832	BAY RIDGE PARKWAY	40	38	3	74	2	21	10" DIA	UPPER NEW YORK BAY (E)
110	OH-833	76TH STREET	40	37	60	74	2	23	10" DIA	UPPER NEW YORK BAY (E)
111	OH-834	S/O 77TH STREET	40	37	57	74	2	24	10" DIA	UPPER NEW YORK BAY (E)
112	OH-018	79TH STREET (REG #3)	40	37	54	74	2	25	90" DIA	UPPER NEW YORK BAY (E)
113	OH-835	COLONIAL COURT	40	37	48	74	2	28	10" DIA	UPPER NEW YORK BAY (E)
114	OH-836	82ND STREET	40	37	44	74	2	29	10" DIA	UPPER NEW YORK BAY (E)
115	OH-837	83RD STREET	40	37	42	74	2	29	10" DIA	UPPER NEW YORK BAY (E)
116	OH-838	84TH STREET	40	37	39	74	2	29	10" DIA	UPPER NEW YORK BAY (E)
117	OH-839	85TH STREET	40	37	37	74	2	30	10" DIA	UPPER NEW YORK BAY (E)
118	OH-840	N/O 86TH STREET	40	37	34	74	2	30	10" DIA	UPPER NEW YORK BAY (E)
119	OH-841	S/O 86TH STREET	40	37	32	74	2	30	10" DIA	UPPER NEW YORK BAY (E)
120	OH-842	150' N/O 91ST STREET	40	37	19	74	2	30	10" DIA	UPPER NEW YORK BAY (E)
121	OH-843	91ST STREET	40	37	18	74	2	30	10" DIA	UPPER NEW YORK BAY (E)
122	OH-017	92ND STREET (REG #1)	40	37	14	74	2	30	3BL 7' 4" X 7' 4"	UPPER NEW YORK BAY (E)
123	OH-844	100' N/O OLIVER STREET	40	37	10	74	2	29	10" DIA	UPPER NEW YORK BAY (E)
124	OH-845	OLIVER STREET	40	37	8	74	2	28	10" DIA	UPPER NEW YORK BAY (E)
125	OH-846	S/O 93RD STREET	40	37	5	74	2	27	10" DIA	UPPER NEW YORK BAY (E)
126	OH-847	S/O 94TH STREET	40	37	2	74	2	27	10" DIA	UPPER NEW YORK BAY (E)
127	OH-848	N/O 95TH STREET (S/O)	40	36	58	74	2	26	10" DIA	UPPER NEW YORK BAY (E)
128	OH-152	3RD AVENUE	40	36	42	74	2	15	18" DIA	UPPER NEW YORK BAY (E)
129	OH-849	N/O VERRAZANO NARROWS BRIDGE	40	36	34	74	2	11	12" DIA	UPPER NEW YORK BAY (E)
130	OH-850	75' S/O VERRAZANO NARROWS BRIDGE	40	36	32	74	2	9	12" DIA	GRAVESEND BAY (E)
131	OH-153	100' S/O VERRAZANO NARROWS BRIDGE	40	36	32	74	2	8	4' X 3'	GRAVESEND BAY (E)
132	OH-851	150' S/O VERRAZANO NARROWS BRIDGE	40	36	32	74	2	7	10" DIA	GRAVESEND BAY (E)
133	OH-894	20' N/O HAMILTON PIER	40	36	31	74	2	8	18" DIA	GRAVENSEND BAY
134	OH-895	10' N/O HAMILTON PIER	40	36	31	74	2	7	10" DIA	GRAVENSEND BAY
135	OH-896	20' S/O HAMILTON PIER	40	36	30	74	2	7	10" DIA	GRAVENSEND BAY
136	OH-897	40' S/O HAMILTON PIER	40	36	30	74	2	6	10" DIA	GRAVENSEND BAY
137	OH-898	60' S/O HAMILTON PIER	40	36	30	74	2	5	10" DIA	GRAVENSEND BAY
138	OH-899	80' S/O HAMILTON PIER	40	36	30	74	2	5	10" DIA	GRAVENSEND BAY
139	OH-154	S/O FORT HAMILTON PIER	40	36	30	74	2	7	24" DIA	GRAVESEND BAY (E)
140	OH-852	900' N/O BATTERY AVENUE	40	36	27	74	2	3	10" DIA	GRAVESEND BAY (E)
141	OH-155	850' N/O BATTERY AVENUE	40	36	26	74	2	2	18" DIA	GRAVESEND BAY (E)
142	OH-853	650' N/O BATTERY AVENUE	40	36	22	74	1	57	10" DIA	GRAVESEND BAY (E)
143	OH-854	500' N/O BATTERY AVENUE	40	36	20	74	1	53	10" DIA	GRAVESEND BAY (E)
144	OH-855	420' N/O BATTERY AVENUE	40	36	19	74	1	52	8" DIA	GRAVESEND BAY (E)
145	OH-156	220' N/O BATTERY AVENUE	40	36	17	74	1	48	18" DIA	GRAVESEND BAY (E)
146	OH-856	200' N/O BATTERY AVENUE	40	36	17	74	1	49	8" DIA	GRAVESEND BAY (E)
147	OH-857	N/O BATTERY AVENUE	40	36	16	74	1	44	10" DIA	GRAVESEND BAY (E)
148	OH-858	BATTERY AVENUE	40	36	16	74	1	44	10" DIA	GRAVESEND BAY (E)
149	OH-859	N/O 7TH AVENUE	40	36	15	74	1	36	10" DIA	GRAVESEND BAY (E)
150	OH-157	7TH AVENUE	40	36	15	74	1	35	18" DIA	GRAVESEND BAY (E)
151	OH-860	800' N/O 14TH AVENUE	40	36	15	74	1	33	10" DIA	GRAVESEND BAY (E)
152	OH-158	575' N/O 14TH AVENUE	40	36	14	74	1	26	24" DIA	GRAVESEND BAY (E)
153	OH-159	500' N/O 14TH AVENUE	40	36	14	74	1	25	24" DIA	GRAVESEND BAY (E)

OWLS HEAD

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	OH-861	275' N/O 14TH AVENUE	40	36	13	74	1	22	10" DIA	GRAVESEND BAY (E)
155	OH-160	200' N/O 14TH AVENUE	40	36	13	74	1	21	18" DIA	GRAVESEND BAY (E)
156	OH-862	14TH AVENUE	40	36	13	74	1	18	10" DIA	GRAVESEND BAY (E)
157	OH-161	BAY 7TH STREET	40	36	12	74	1	14	18" DIA	GRAVESEND BAY (E)
158	OH-863	BAY 8TH STREET	40	36	10	74	1	10	10" DIA	GRAVESEND BAY (E)
159	OH-864	15TH AVENUE	40	36	9	74	1	8	10" DIA	GRAVESEND BAY (E)
160	OH-613	15TH AVENUE	40	36	9	74	1	7	24" DIA	GRAVESEND BAY (E)
161	OH-162	BAY 10TH STREET	40	36	9	74	1	2	18" DIA	GRAVESEND BAY (E)
162	OH-865	N/O BAY 11TH STREET	40	36	8	74	0	58	10" DIA	GRAVESEND BAY (E)
163	OH-866	100' N/O 16TH AVENUE	40	36	8	74	0	56	10" DIA	GRAVESEND BAY (E)
164	OH-867	16TH AVENUE	40	36	8	74	0	54	10" DIA	GRAVESEND BAY (E)
165	OH-868	S/O BAY 13TH STREET	40	36	7	74	0	50	10" DIA	GRAVESEND BAY (E)
166	OH-869	S/O BAY 14TH STREET	40	36	6	74	0	47	10" DIA	GRAVESEND BAY (E)
167	OH-015	17TH AVENUE (REG #9A, B, C)	40	36	5	74	0	44	4BL 14' 6" X 10'	GRAVESEND BAY (E)
168	OH-870	BAY 16TH STREET	40	36	4	74	0	42	10" DIA	GRAVESEND BAY (E)
169	OH-900	BAY 17TH STREET	40	36	2	74	0	39	10" DIA	GRAVENSEND BAY (E)
170	OH-871	N/O 18TH AVENUE	40	36	1	74	0	37	10" DIA	GRAVESEND BAY (E)
171	OH-872	100'T S/O BAY 19TH STREET	40	35	59	74	0	32	10" DIA	GRAVESEND BAY (E)
172	OH-873	BAY 22ND STREET	40	35	55	74	0	26	10" DIA	GRAVESEND BAY (E)
173	OH-874	BAY 23RD STREET	40	35	53	74	0	24	10" DIA	GRAVESEND BAY (E)
174	OH-610	20TH AVENUE	40	35	51	74	0	20	36" DIA	GRAVESEND BAY (E)
175	OH-875	S/O 20TH STREET	40	35	51	74	0	20	8" DIA	GRAVESEND BAY (E)
176	OH-876	N/O 26TH STREET	40	35	48	74	0	16	10" DIA	GRAVESEND BAY (E)
177	OH-893	26TH STREET	40	35	48	74	0	16	10" DIA	GRAVESEND BAY (E)
178	OH-877	N/O 21ST AVENUE	40	35	46	74	0	14	10" DIA	GRAVESEND BAY (E)
179	OH-878	BAY 28TH STREET	40	35	44	74	0	11	10" DIA	GRAVESEND BAY (E)
180	OH-879	N/O BAY 29TH STREET	40	35	42	74	0	10	10" DIA	GRAVESEND BAY (E)
181	OH-880	BAY 29TH STREET	40	35	41	74	0	9	10" DIA	GRAVESEND BAY (E)
182	OH-611	BAY PARKWAY	40	35	39	74	0	7	60" DIA	GRAVESEND BAY (E)
183	OH-612	25TH AVENUE	40	35	24	73	59	55	5' X 4'	GRAVESEND BAY (E)
184	OH-615	BAY 43RD STREET (S/O BELT PARKWAY)	40	35	20	73	59	35	66" DIA	GRAVESEND BAY (E)
185	OH-614	27TH AVENUE (S/O BELT PARKWAY)	40	35	14	73	59	33	54" DIA	GRAVESEND BAY (E)
186	OH-168	160' W/O BAY 50TH STREET	40	35	3	73	59	30	24" DIA	CONEY ISLAND BOAT BASIN (N)
187	OH-169	120' W/O BAY 50TH STREET	40	35	3	73	59	29	24" DIA	CONEY ISLAND BOAT BASIN (N)
188	OH-101	BAY 50TH STREET	40	35	4	73	59	25	36" DIA	CONEY ISLAND BOAT BASIN (E)
189	OH-166	CROPSEY AVENUE DRAWBRIDGE (NORTH)	40	34	55	73	59	9	30" DIA	CONEY ISLAND CREEK (N)
190	OH-167	100' NE/O CROPSEY AVENUE DRAWBRIDGE	40	34	55	73	59	8	12" DIA	CONEY ISLAND CREEK (NW)
191	OH-502	200' NE/O CROPSEY AVENUE DRAWBRIDGE	40	34	55	73	59	7	10" DIA	CONEY ISLAND CREEK (NW)
192	OH-503	500' NE/O CROPSEY AVENUE	40	34	58	73	59	4	10" DIA	CONEY ISLAND CREEK (NW)
193	OH-606	W 15TH STREET	40	34	60	73	59	2	60" DIA	CONEY ISLAND CREEK (NE)
194	OH-021	W 15TH STREET	40	34	60	73	59	1	3BL 15' 10" X 10'	CONEY ISLAND CREEK (N)
195	OH-504	10' W/O STILLWELL AVENUE	40	34	59	73	58	58	10" DIA	CONEY ISLAND CREEK (N)
196	OH-024	23RD STREET	40	39	50	74	0	0	2' X 3' 6" EGG	GOWANUS CANAL


Owls Head
CI
OH-879
OH-880
OH-611
OH-612
OH-615
OH-614
OH-101
OH-168
OH-169
OH-021
OH-606
OH-504
OH-503
OH-502
OH-167
OH-166
ERICSON DR EN NB
ERICSON DR ET SB
ERIKSON DR ET NB
ERICSON DR EN SB
LEIF ERICSON DR
SHORE PY SR N
SHORE PY SR S
ERICSON DR ET SB
ERICSON DR EN NB
ERICSON DR ET NB
SHORE PY SR N
SHORE PT SR S
21 DR
21 AV
BAY 29 ST
BAY 31 ST
BAY 32 ST
23 AV
BAY 34 ST
BAY 35 ST
24 AV
BAY 37 ST
BAY 38 ST
BENSON AV
NO NAME
BAY PY
BAY 40 ST
BAY 41 ST
25 AV
26 AV
BATH AV
BAY 43 ST
BAY 44 ST
27 AV
HARWAY AV
BAY 46 ST
BAY 47 ST
MILL RD
28 AV
BAY 49 ST
BAY 50 ST
BAY 48 ST
BAY 52 ST
BAY 53 ST
BAY 54 ST
BAY 56 ST
CANAL AV
W 19 ST
W 20 ST
W 17 ST
W 16 ST
W 15 ST
W 15 PL
W 13 ST
W 12 ST
W 11 ST
85 ST
86 ST
AV T
AV U
AV V
AV W
AV X
AV Z
STILLWELL AV
HART PL
CROPSEY AV
NEPTUNE AV
MERMAID AV
BAY VIEW AV
W 36 ST
W 35 ST
W 33 ST
W 32 ST
W 31 ST
W 30 ST
W 29 ST
W 28 ST
W 27 ST
W 25 ST
W 24 ST
W 23 ST
W 22 ST
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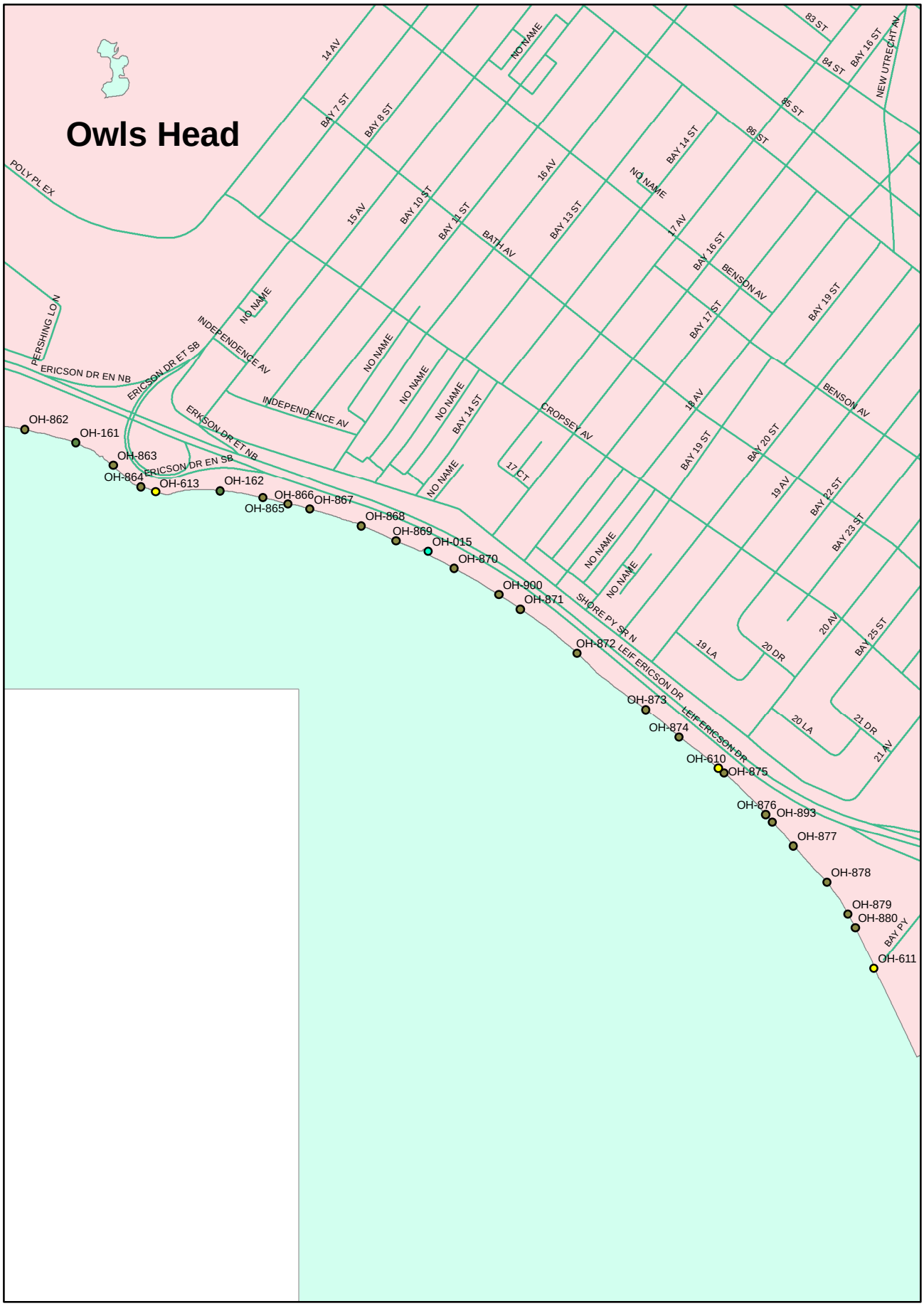
W 19 ST
W 17 ST
W 16 ST
W 15 ST


Owls Head
POLY PL EX
14 AV
BAY 7 ST
BAY 8 ST
NO NAME
15 AV
BAY 10 ST
BAY 11 ST
16 AV
BAY 13 ST
BATH AV
BAY 14 ST
NO NAME
17 AV
BAY 16 ST
BENSON AV
BAY 17 ST
BAY 19 ST
83 ST
84 ST
85 ST
86 ST
BAY 16 ST
NEW UTRECHT AV
PERSHING LO N
ERICSON DR EN NB
ERICSON DR ET SB
INDEPENDENCE AV
NO NAME
INDEPENDENCE AV
NO NAME
NO NAME
NO NAME
BAY 14 ST
NO NAME
CROPSEY AV
17 CT
18 AV
BAY 19 ST
BAY 20 ST
BENSON AV
19 AV
BAY 22 ST
BAY 23 ST
NO NAME
NO NAME
SHORE PY SB N
19 LA
20 DR
20 AV
BAY 25 ST
20 LA
21 DR
21 AV
LEIF ERICSON DR
LEIF ERICSON DR
BAY PY
OH-862
OH-161
OH-863
OH-864
OH-613
OH-162
OH-866
OH-865
OH-867
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OH-870
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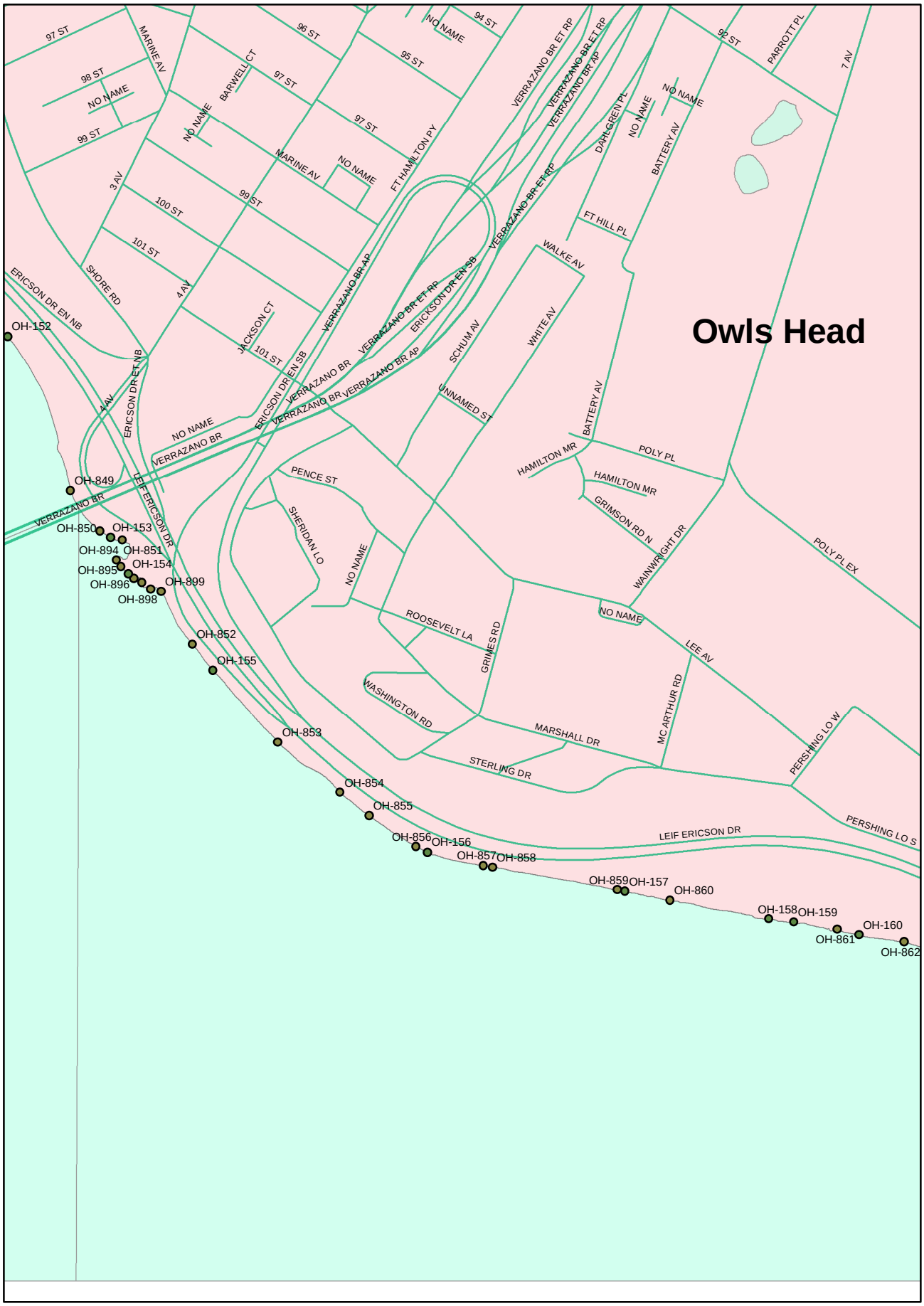
OH-611


Owls Head
97 ST
98 ST
99 ST
100 ST
101 ST
96 ST
95 ST
94 ST
92 ST
MARINE AV
NO NAME
BARWELL CT
3 AV
4 AV
7 AV
SHORE RD
JACKSON CT
FT HAMILTON PY
VERRAZANO BR ET RP
VERRAZANO BR AP
VERRAZANO BR
ERICSON DR EN NB
ERICSON DR ET NB
ERICSON DR EN SB
ERICSON DR ET SB
LEIF ERICSON DR
DAHLGREN PL
BATTERY AV
PARROTT PL
FT HILL PL
WALKE AV
WHITE AV
SCHUM AV
UNNAMED ST
HAMILTON MR
POLY PL
GRIMSON RD N
WAINWRIGHT DR
POLY PL EX
PENCE ST
SHERIDAN LO
ROOSEVELT LA
GRIMES RD
WASHINGTON RD
MARSHALL DR
STERLING DR
MC ARTHUR RD
LEE AV
PERSHING LO W
PERSHING LO S
OH-152
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OH-895
OH-154
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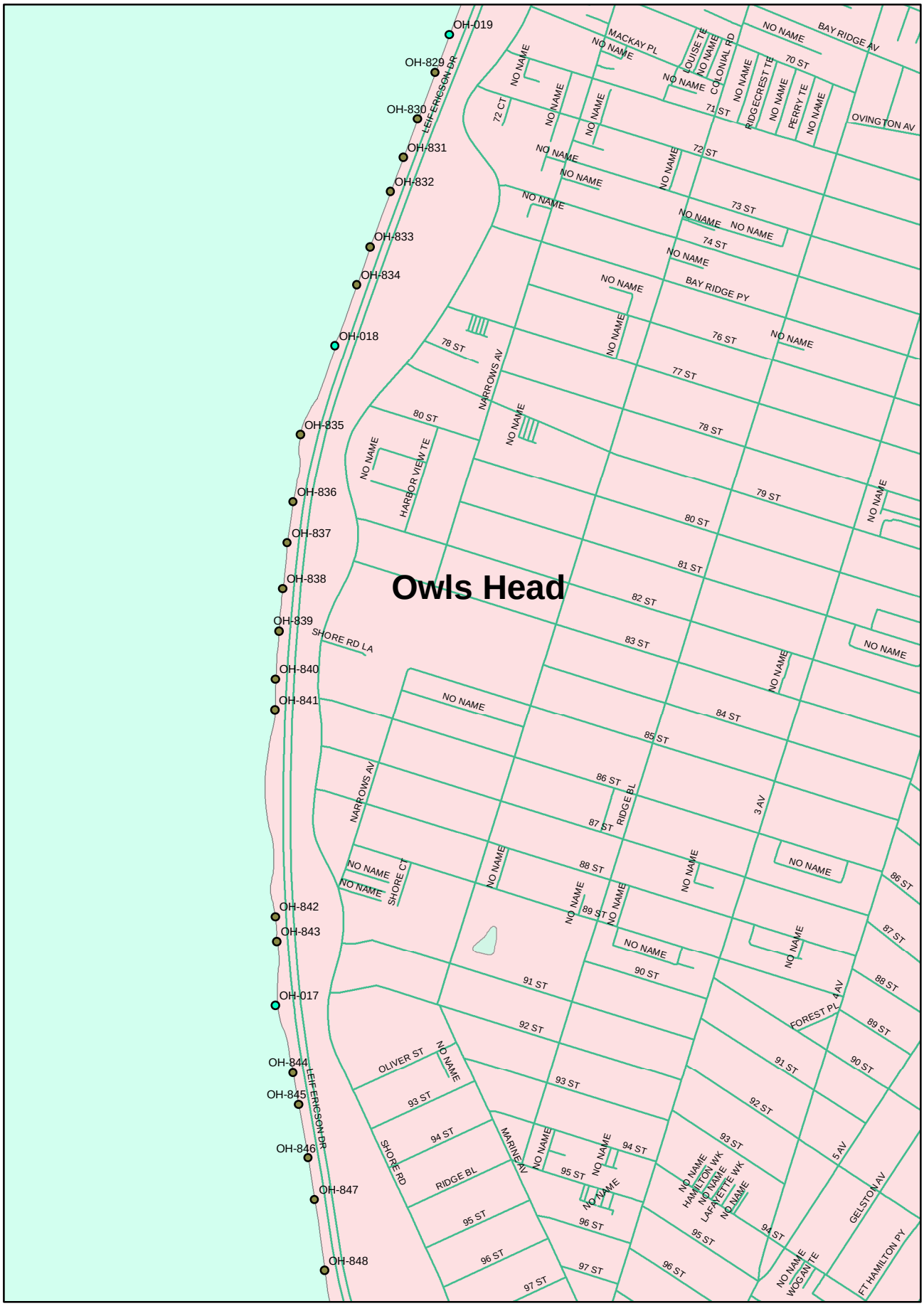
OH-862


Owls Head
OH-019
OH-829
OH-830
OH-831
OH-832
OH-833
OH-834
OH-018
OH-835
OH-836
OH-837
OH-838
OH-839
OH-840
OH-841
OH-842
OH-843
OH-017
OH-844
OH-845
OH-846
OH-847
OH-848
LEIF ERICSON DR
MACKAY PL
LOUISE TE
COLONIAL RD
RIDGECREST TE
PERRY TE
BAY RIDGE AV
OVINGTON AV
70 ST
71 ST
72 ST
72 CT
73 ST
74 ST
BAY RIDGE PY
76 ST
77 ST
78 ST
79 ST
80 ST
81 ST
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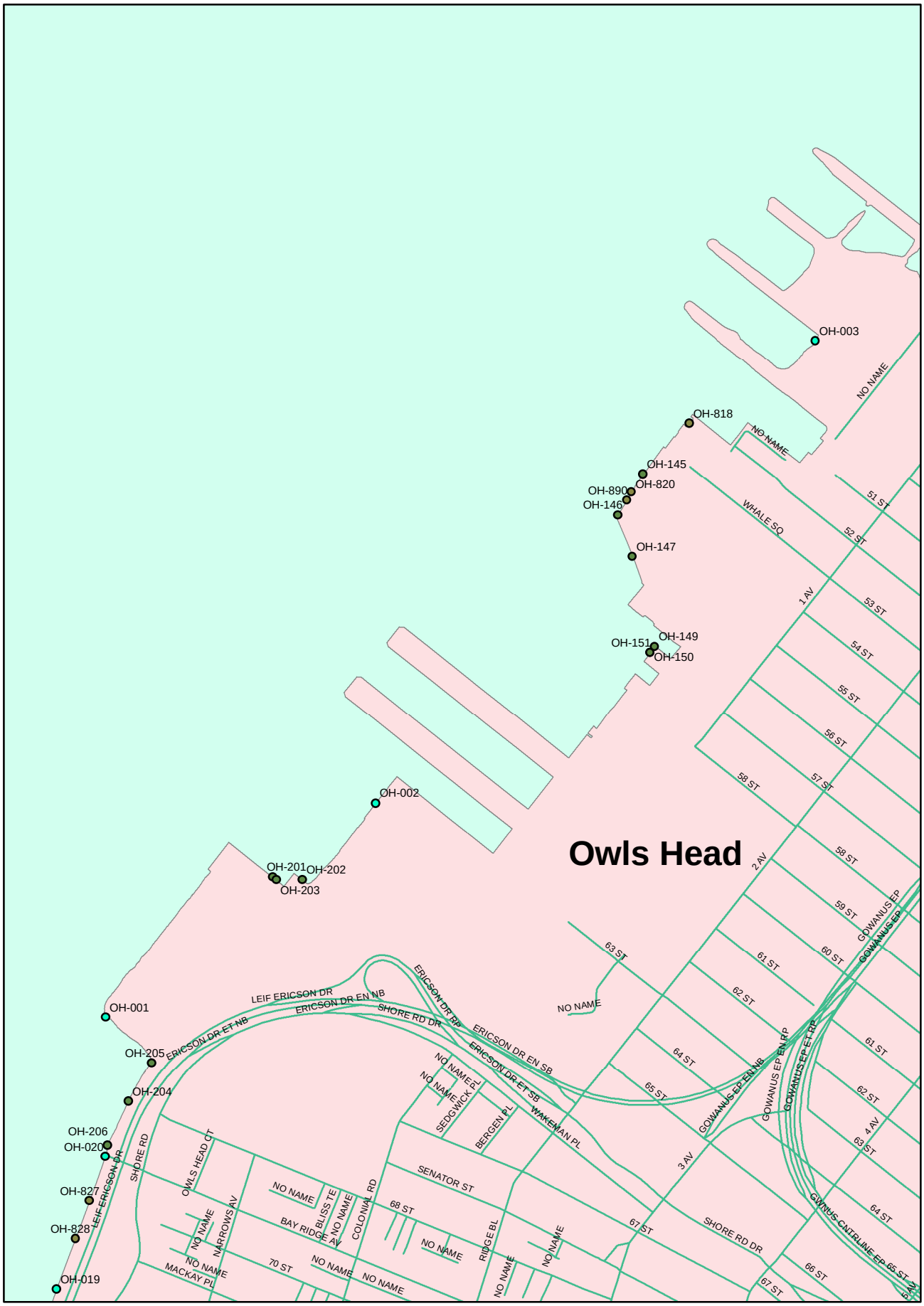
93 ST
94 ST
95 ST
96 ST
97 ST
NARROWS AV
HARBOR VIEW TE
SHORE RD LA
SHORE CT
RIDGE BL
3 AV
4 AV
5 AV
FOREST PL
OLIVER ST
SHORE RD
MARINE AV
HAMILTON WK
LAFAYETTE WK
GELSTON AV
FT HAMILTON PY
WOGANTE
NO NAME


Owls Head
OH-003
OH-818
OH-145
OH-820
OH-890
OH-146
OH-147
OH-149
OH-151
OH-150
OH-002
OH-201
OH-202
OH-203
OH-001
OH-205
OH-204
OH-206
OH-020
OH-827
OH-828
OH-019
NO NAME
WHALE SQ
1 AV
2 AV
3 AV
4 AV
51 ST
52 ST
53 ST
54 ST
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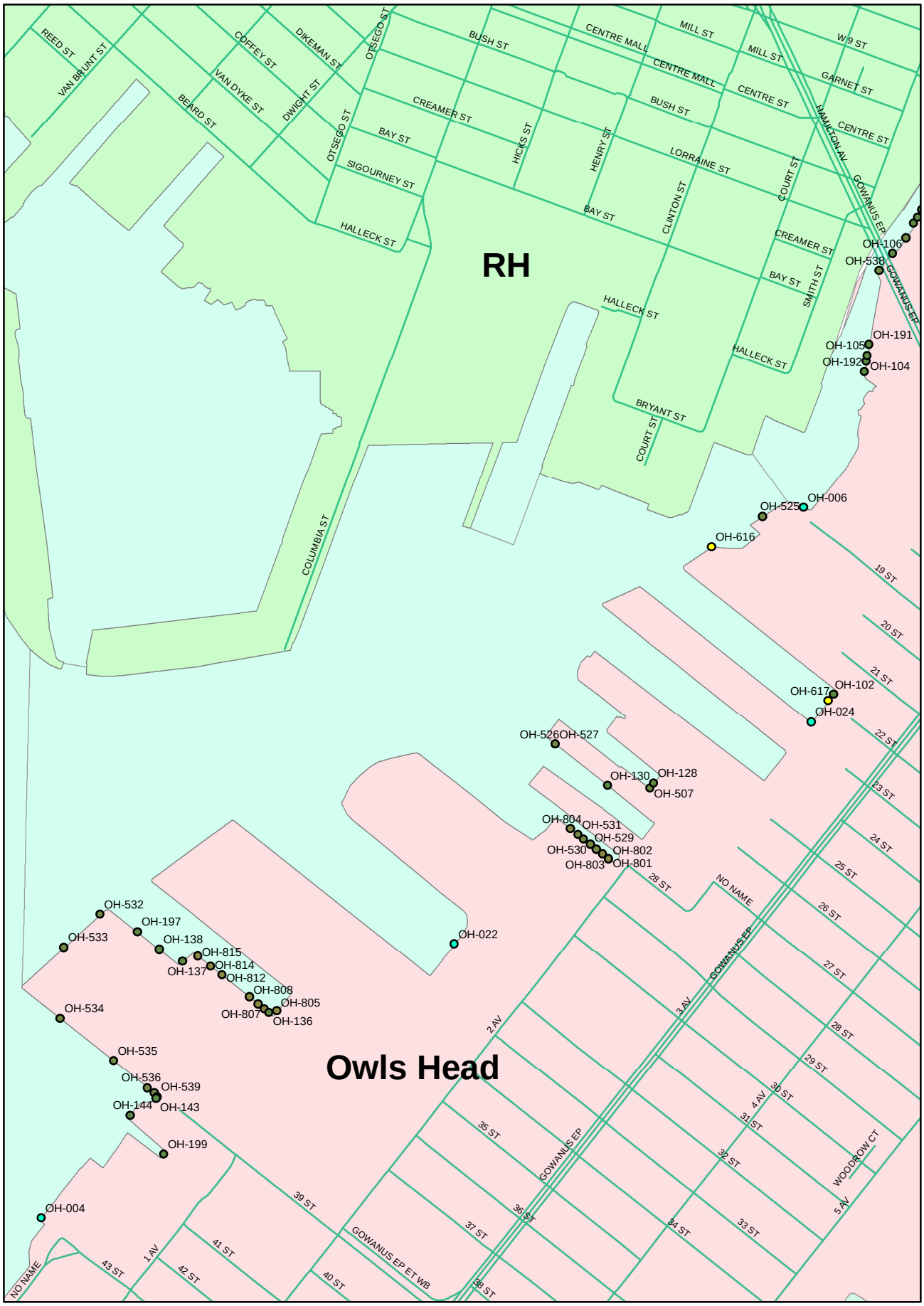
65 ST
66 ST
67 ST
68 ST
70 ST
LEIF ERICSON DR
ERICSON DR EN NB
ERICSON DR ET NB
ERICSON DR RP
ERICSON DR EN SB
ERICSON DR ET SB
SHORE RD DR
SHORE RD
LEIF ERICSON DR
OWLS HEAD CT
NARROWS AV
BLISS TE
COLONIAL RD
BAY RIDGE AV
MACKAY PL
SEDGWICK PL
BERGEN PL
WAKEMAN PL
SENATOR ST
RIDGE BL
GOWANUS EP
GOWANUS EP EN NB
GOWANUS EP EN RP
GOWANUS EP ET RP
GOWANUS CNTRLINE EP 65 ST


RH
Owls Head
REED ST
VAN BRUNT ST
COFFEY ST
DIKEMAN ST
OTSEGO ST
BUSH ST
CENTRE MALL
MILL ST
W 9 ST
GARNET ST
CENTRE ST
VAN DYKE ST
DWIGHT ST
BEARD ST
CREAMER ST
BAY ST
HICKS ST
HENRY ST
LORRAINE ST
HAMILTON AV
GOWANUS EP
SIGOURNEY ST
HALLECK ST
CLINTON ST
COURT ST
SMITH ST
BRYANT ST
COLUMBIA ST
OH-106
OH-538
OH-191
OH-105
OH-192
OH-104
OH-525
OH-006
OH-616
19 ST
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43 ST
OH-617
OH-102
OH-024
OH-526
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OH-130
OH-128
OH-507
OH-804
OH-531
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OH-530
OH-802
OH-803
OH-801
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OH-532
OH-197
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OH-138
OH-815
OH-137
OH-814
OH-812
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OH-805
OH-807
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OH-534
OH-535
OH-536
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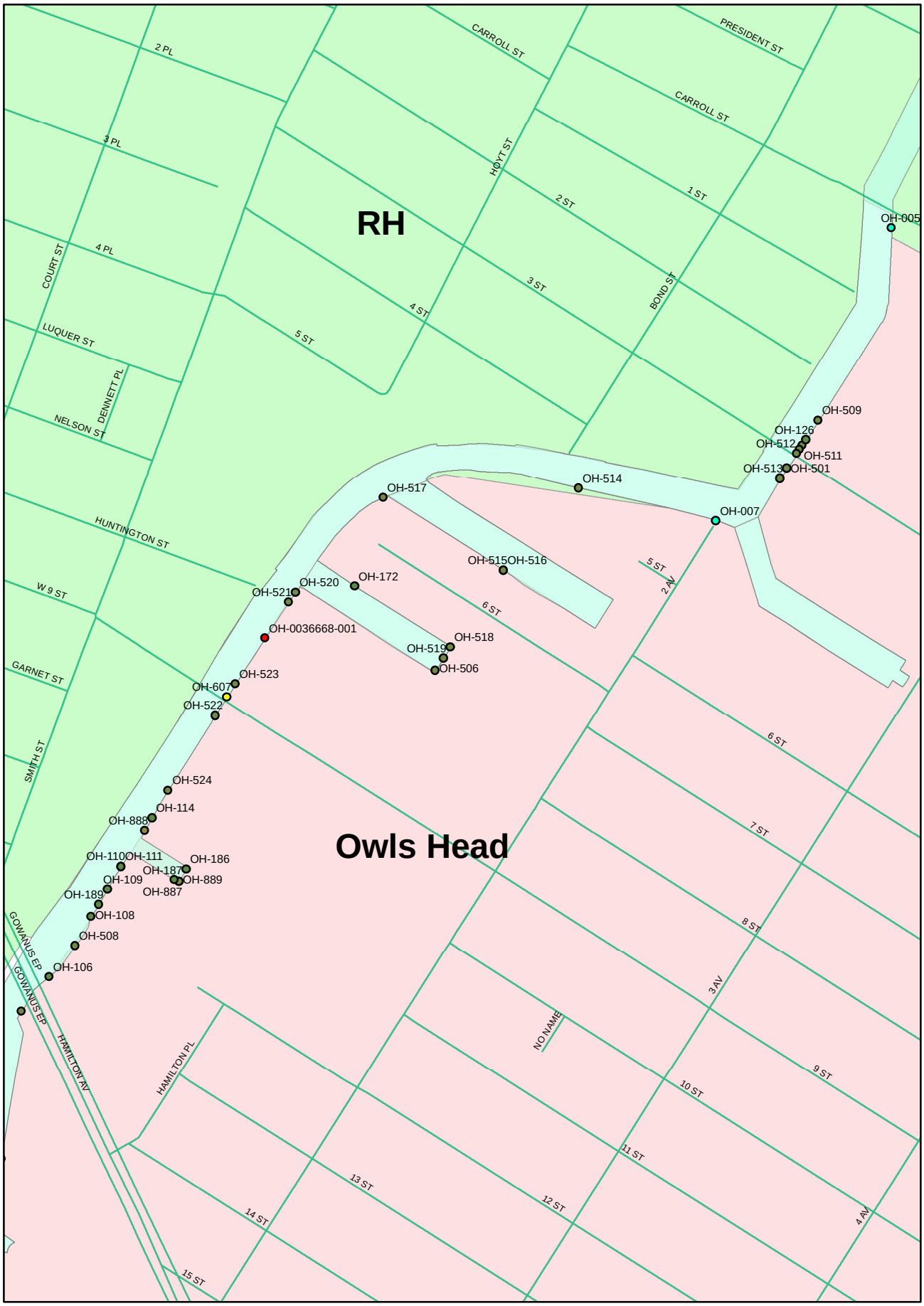
OH-144
OH-143
OH-199
OH-004
2 AV
3 AV
4 AV
5 AV
1 AV
WOODROW CT
GOWANUS EP ET WB


RH
Owls Head
CARROLL ST
PRESIDENT ST
CARROLL ST
2 PL
3 PL
4 PL
5 ST
4 ST
3 ST
2 ST
1 ST
HOYT ST
BOND ST
COURT ST
LUQUER ST
DENNETT PL
NELSON ST
HUNTINGTON ST
W 9 ST
GARNET ST
SMITH ST
HAMILTON PL
HAMILTON AV
GOWANUS EP
GOWANUS EP
NO NAME
5 ST
2 AV
6 ST
6 ST
7 ST
8 ST
3 AV
9 ST
10 ST
11 ST
12 ST
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4 AV
OH-005
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OH-126
OH-512
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OH-114
OH-888
OH-110
OH-111
OH-186
OH-187
OH-889
OH-109
OH-887
OH-189
OH-108
OH-508
OH-106

Outfall ID: OH-002
Location: 64TH STREET (REG #6A,B,C)
Latitude: 40° 38' 42"
Longitude: 74° 1' 51"
Outfall Size: 3BL 15' X 7' 6"
Receiving Water: UPPER NEW YORK BAY (E)

Outfall ID: OH-003
Location: 49TH STREET (REG #7A,B,C)
Latitude: 40° 39' 10"
Longitude: 74° 1' 16"
Outfall Size: 11' X 8'
Receiving Water: UPPER NEW YORK BAY (E)

Outfall ID: OH-004
Location: 43RD STREET (REG #7D)
Latitude: 40° 39' 20"
Longitude: 74° 1' 1"
Outfall Size: 6' X 4'
Receiving Water: UPPER NEW YORK BAY (E)

Outfall ID: OH-005
Location: CARROLL STREET BRIDGE
Latitude: 40° 40' 41"
Longitude: 73° 59' 20"
Outfall Size: 42" DIA
Receiving Water: GOWANUS CANAL (E)

Outfall ID: OH-006
Location: 19TH STREET (NORTH SIDE)
Latitude: 40° 40' 3"
Longitude: 74° 0' 1"
Outfall Size: 36" DIA
Receiving Water: GOWANUS CREEK (E)

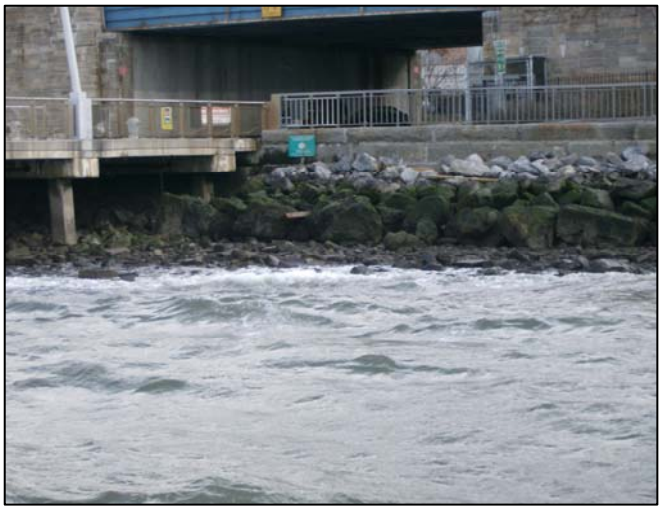
Outfall ID: OH-007
Location: 2ND AVENUE
Latitude: 40° 40' 32"
Longitude: 73° 59' 27"
Outfall Size: 78" DIA
Receiving Water: GOWANUS CANAL (S)

Outfall ID: OH-015
Location: 17TH AVENUE (REG #9A, B, C)
Latitude: 40° 36' 5"
Longitude: 74° 0' 44"
Outfall Size: 4BL 14' 6" X 10'
Receiving Water: GRAVESEND BAY (E)

Outfall ID: OH-017
Location: 92ND STREET (REG #1)
Latitude: 40° 37' 14"
Longitude: 74° 2' 30"
Outfall Size: 3BL 7' 4" X 7' 4"
Receiving Water: UPPER NEW YORK BAY (E)

Outfall ID: OH-018
Location: 79TH STREET (REG #3)
Latitude: 40° 37' 54"
Longitude: 74° 2' 25"
Outfall Size: 90" DIA
Receiving Water: UPPER NEW YORK BAY (E)

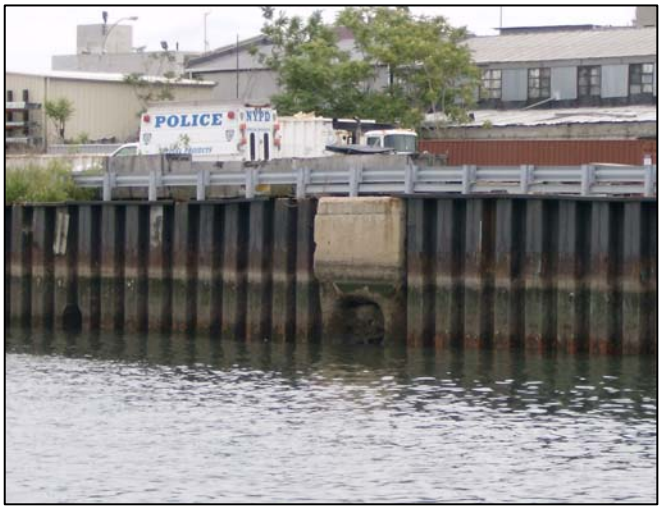
Outfall ID: OH-019
Location: 71ST STREET (REG #4)
Latitude: 40° 38' 13"
Longitude: 74° 2' 16"
Outfall Size: 48" DIA
Receiving Water: UPPER NEW YORK BAY (E)



Outfall ID: OH-020
Location: BAY RIDGE AVENUE (REG #5)
Latitude: 40° 38' 21"
Longitude: 74° 2' 12"
Outfall Size: 3' X 3'
Receiving Water: UPPER NEW YORK BAY (E)

Outfall ID: OH-021
Location: W 15TH STREET
Latitude: 40° 34' 60"
Longitude: 73° 59' 1"
Outfall Size: 3BL 15' 10" X 10'
Receiving Water: CONEY ISLAND CREEK (N)

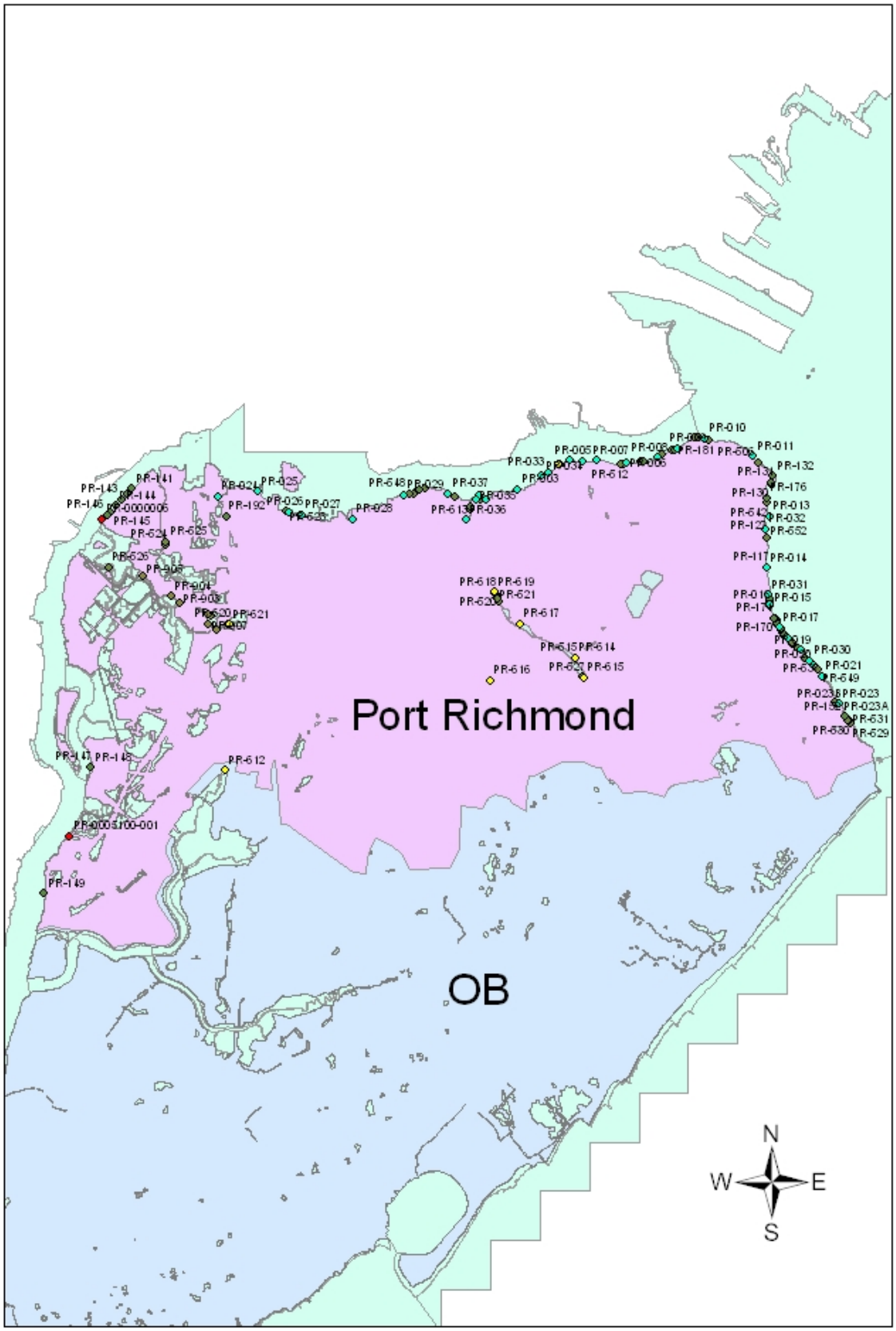
Outfall ID: OH-022
Location: 32ND ST (BUSH TERMINAL COMPLEX)
Latitude: 40° 39' 37"
Longitude: 74° 0' 29"
Outfall Size: 6' X 4'
Receiving Water: GOWANUS BAY (E)



Outfall ID: OH-024
Location: 23RD STREET
Latitude: 40° 39' 50"
Longitude: 74° 0' 0"
Outfall Size: 2' X 3' 6" EGG
Receiving Water: GOWANUS CANAL

Outfall ID: OH-001
Location: OWLS HEAD W.P.C.P OUTFALL
Latitude: 40° 38' 29"
Longitude: 74° 2' 12"
Outfall Size: 96" DIA
Receiving Water: UPPER NEW YORK BAY (E)

PORT RICHMOND DRAINAGE AREA



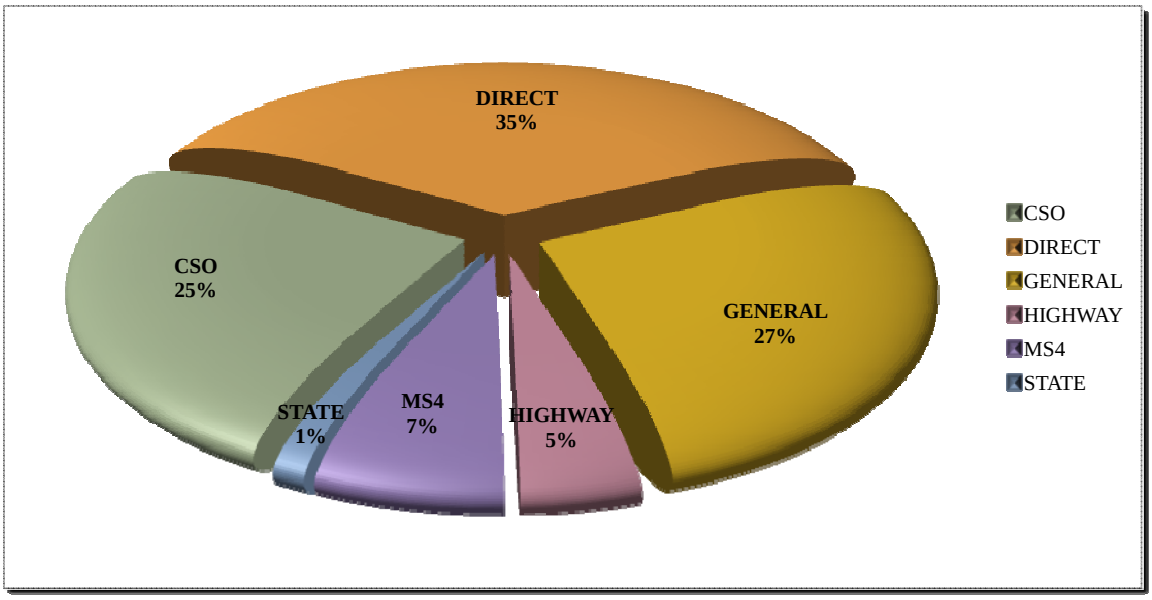
PORT RICHMOND SURVEY REPORT

The survey of the entire drainage area of Port Richmond, 16.5 miles of shoreline, resulted in the identification of 149 outfalls. The outfalls consist of 37 combined sewer overflow outfalls, 7 highway outfalls, 40 general outfalls, 52 direct discharge outfalls, 11 storm outfalls and 2 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Port Richmond Water Pollution Control Plant receives sewer flow from the northern half of Staten Island including Shooter's Island in the Kill Van Kull and Prall's Island in Arthur Kill. The entire drainage area was inspected by boat and inflatable raft with the exception of a portion of Saw Mill Creek, which was inspected by land.

The survey began in Upper New York Bay at Fort Wadsworth and proceeded north passing St. George's Station, and then moving to west in the Kill Van Kull under the Bayonne Bridge and Shooters Island. As the survey progressed further west to Arthur Kill, going under the Goethals Bridge, then proceeded south into Prall's River and to Arthur Kill passing Victory Boulevard.

Percentile representation of Port Richmond outfalls



PORT RICHMOND

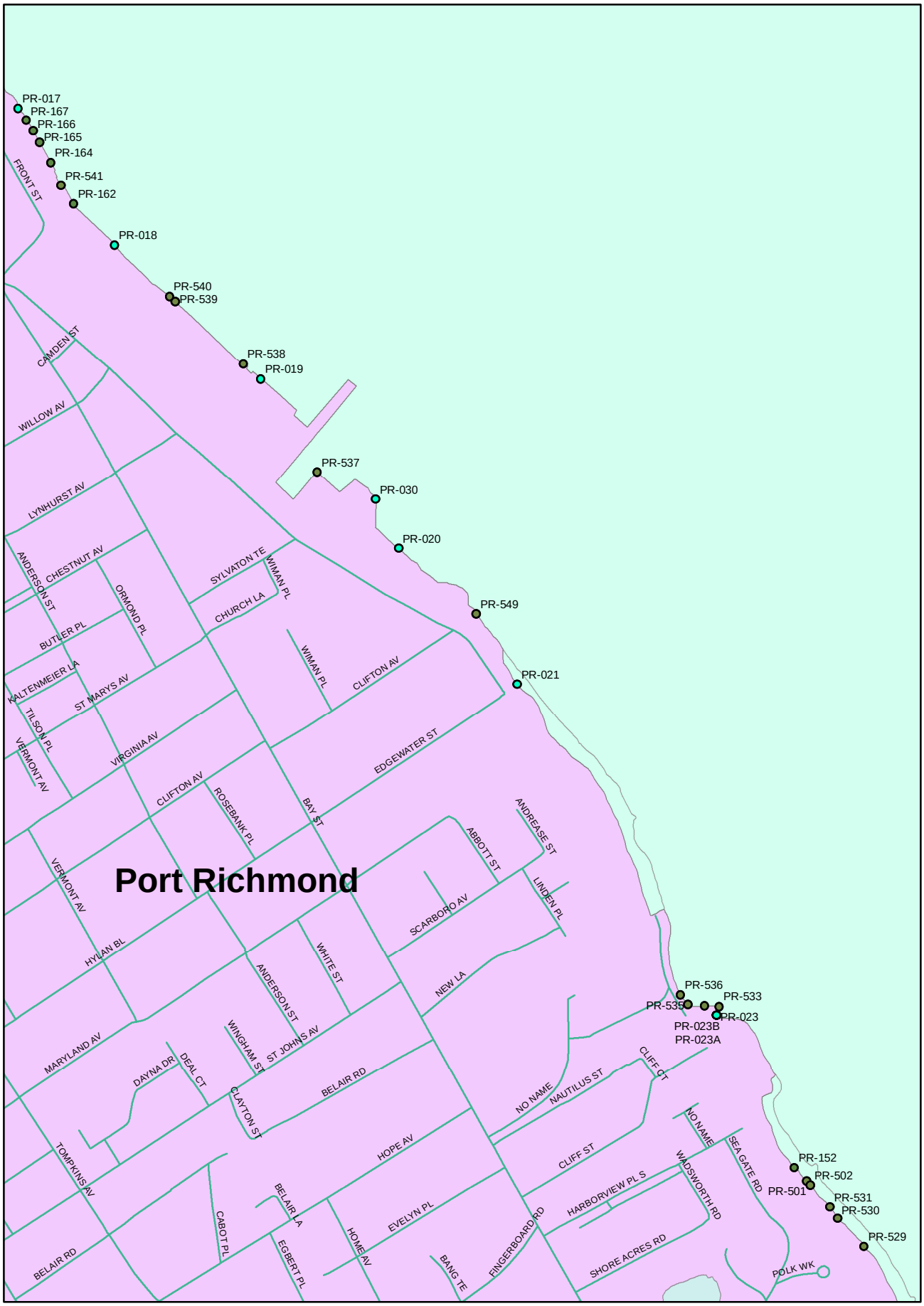
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	PR-529	2100' N/O VERRAZANO NARROWS BRIDGE	40	36	33	74	3	27	6" DIA	UPPER NEW YORK BAY
2	PR-530	2250' N/O VERRAZANO NARROWS BRIDGE	40	36	34	74	3	29	8" DIA	UPPER NEW YORK BAY
3	PR-531	2300' N/O VERRAZANO NARROWS BRIDGE	40	36	34	74	3	29	8" DIA	UPPER NEW YORK BAY
4	PR-501	2400' N/O VERRAZANO NARROWS BRIDGE	40	36	36	74	3	31	6" DIA	UPPER NEW YORK BAY
5	PR-502	2420' N/O VERRAZANO NARROWS BRIDGE	40	36	35	74	3	30	6" DIA	UPPER NEW YORK BAY
6	PR-152	2500' N/O VERRAZANO NARROWS BRIDGE	40	36	36	74	3	31	10" DIA	UPPER NEW YORK BAY
7	PR-023A	NAUTILUS STREET	40	36	43	74	3	36	20" DIA	UPPER NEW YORK BAY
8	PR-023	NAUTILUS STREET	40	36	43	74	3	36	6'6" X 5'11"	UPPER NEW YORK BAY
9	PR-023B	NAUTILUS STREET	40	36	43	74	3	36	20" DIA	UPPER NEW YORK BAY
10	PR-505	NAUTILUS STREET (INSIDE MARINE)	40	36	43	74	3	36	30" DIA	UPPER NEW YORK BAY
11	PR-532	NAUTILUS STREET (INSIDE MARINE)	40	36	43	74	3	36	4" DIA	UPPER NEW YORK BAY
12	PR-533	50' N/O NAUTILUS STREET (INSIDE MARINE)	40	36	43	74	3	35	4" DIA	UPPER NEW YORK BAY
13	PR-534	100' N/O NAUTILUS STREET (INSIDE MARINE)	40	36	43	74	3	36	4" DIA	UPPER NEW YORK BAY
14	PR-535	150' N/O NAUTILUS STREET (INSIDE MARINE)	40	36	43	74	3	37	4" DIA	UPPER NEW YORK BAY
15	PR-536	200' N/O NAUTILUS STREET (INSIDE MARINE)	40	36	43	74	3	38	4" DIA	UPPER NEW YORK BAY
16	PR-021	HYLAN BOULEVARD	40	36	57	74	3	47	10" DIA	UPPER NEW YORK BAY
17	PR-020	N/O SYLVA LANE	40	37	2	74	3	53	15" DIA	UPPER NEW YORK BAY
18	PR-030	SYLVATON TERRANCE	40	37	4	74	3	54	16" DIA	UPPER NEW YORK BAY
19	PR-537	100' N/O SYLVATON STREET	40	37	5	74	3	58	6" DIA	UPPER NEW YORK BAY
20	PR-019	LYNHURST AVENUE	40	37	9	74	4	1	DBL 6'4" X 3'6"	UPPER NEW YORK BAY
21	PR-538	50' N/O LYNHURST AVENUE	40	37	10	74	4	2	4" DIA	UPPER NEW YORK BAY
22	PR-539	350' N/O LYNHURST AVENUE	40	37	13	74	4	6	4" DIA	UPPER NEW YORK BAY
23	PR-540	WILLOW AVENUE	40	37	13	74	4	6	6" DIA	UPPER NEW YORK BAY
24	PR-018	N/O CAMDEN STREET	40	37	15	74	4	9	36" DIA	UPPER NEW YORK BAY
25	PR-541	50' N/O GREENFIELD AVENUE	40	37	18	74	4	12	8" DIA	UPPER NEW YORK BAY
26	PR-164	100' N/O GREENFIELD AVENUE	40	37	19	74	4	13	10" DIA	UPPER NEW YORK BAY
27	PR-165	150' N/O GREENFIELD AVENUE	40	37	19	74	4	13	10" DIA	UPPER NEW YORK BAY
28	PR-166	TOWNSEND AVENUE	40	37	20	74	4	13	10" DIA	UPPER NEW YORK BAY
29	PR-167	20' S/O NORWOOD AVENUE	40	37	20	74	4	14	12" DIA	UPPER NEW YORK BAY
30	PR-017	NORWOOD AVENUE	40	37	21	74	4	14	48" DIA	UPPER NEW YORK BAY
31	PR-015	S/O DOCK STREET	40	37	32	74	4	20	32" DIA	UPPER NEW YORK BAY
32	PR-016	MARINE HOSPITAL	40	37	32	74	4	21	20" DIA	UPPER NEW YORK BAY
33	PR-031	CANAL STREET	40	37	37	74	4	22	DBL 3'1" X 3'6"	UPPER NEW YORK BAY
34	PR-172	20' N/O CANAL STREET	40	37	37	74	4	22	8' SQUARE	UPPER NEW YORK BAY
35	PR-014	BALTIC STREET	40	37	51	74	4	23	DBL 6'2" X 3'6"	UPPER NEW YORK BAY
36	PR-117	10' N/O BALTIC STREET	40	37	51	74	4	23	18" DIA	UPPER NEW YORK BAY
37	PR-032	VICTORY BOULEVARD	40	38	10	74	4	24	24" DIA	UPPER NEW YORK BAY
38	PR-013	VICTORY BOULEVARD	40	38	17	74	4	21	72" DIA	UPPER NEW YORK BAY
39	PR-542	SLOSSON TERRACE (UNDER PIER)	40	38	23	74	4	23	8" DIA	UPPER NEW YORK BAY
40	PR-176	200' N/O SLOSSON TERRACE (UNDER PIER)	40	38	26	74	4	23	12" DIA	UPPER NEW YORK BAY
41	PR-130	BOROUGH PLACE	40	38	33	74	4	20	18" DIA	UPPER NEW YORK BAY
42	PR-131	75' N/O BOROUGH PLACE	40	38	34	74	4	20	18" DIA	UPPER NEW YORK BAY
43	PR-132	FERRY TERMINAL # 4 (SOUTH SIDE)	40	38	37	74	4	19	18" DIA	UPPER NEW YORK BAY
44	PR-506	WALL STREET	40	38	43	74	4	29	24" DIA	UPPER NEW YORK BAY
45	PR-011	HAMILTON AVENUE	40	38	46	74	4	32	5' X 2'11"	UPPER NEW YORK BAY
46	PR-507	150' E/O ST. PETERS PLACE	40	38	55	74	5	1	24" DIA	UPPER NEW YORK BAY
47	PR-010	ST. PETERS PLACE	40	38	56	74	5	4	30" DIA	KILL VAN KULL
48	PR-508	150' W/O ST. PETERS PLACE	40	38	56	74	5	8	16" DIA	KILL VAN KULL
49	PR-509	300' W/O ST. PETERS PLACE	40	38	56	74	5	11	16" DIA	KILL VAN KULL
50	PR-009	JERSEY STREET	40	38	50	74	5	22	6' X 4'6"	KILL VAN KULL
51	PR-504	W/O YORK TER	40	38	50	74	5	25	20" DIA (STEEL)	KILL VAN KULL

PORT RICHMOND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	PR-008	FRANKLIN AVENUE	40	38	46	74	5	35	3' X 3'6"	KILL VAN KULL
53	PR-528	LAFAYETTE AVENUE	40	38	44	74	5	46	72" DIA	KILL VAN KULL
54	PR-006	CLINTON AVENUE	40	38	43	74	5	55	36" DIA	KILL VAN KULL
55	PR-511	150' W/O CLINTON AVENUE	40	38	42	74	5	57	20" DIA	KILL VAN KULL
56	PR-512	300' W/O CLINTON AVENUE	40	38	43	74	5	59	18" DIA	KILL VAN KULL
57	PR-007	SAILOR SNUG HARBOR (BRENTWOOD AVENUE)	40	38	44	74	6	14	15" DIA	KILL VAN KULL
58	PR-005	30' N/O KISSEL AVENUE	40	38	44	74	6	24	20" DIA	KILL VAN KULL
59	PR-004	BARD AVENUE	40	38	44	74	6	32	18" DIA	KILL VAN KULL
60	PR-543	50' E/O DAVIS AVENUE	40	38	43	74	6	39	8" DIA	KILL VAN KULL
61	PR-603	DAVIS AVENUE	40	38	42	74	6	39	60" DIA	KILL VAN KULL
62	PR-513	10' W/O DAVIS AVENUE	40	38	42	74	6	40	24" DIA	KILL VAN KULL
63	PR-514	10' W/O DAVIS AVENUE	40	38	42	74	6	40	24" DIA	KILL VAN KULL
64	PR-033	ELIZABETH AVENUE	40	38	38	74	6	47	3' X 3' 6"	KILL VAN KULL
65	PR-034	BEMENT AVENUE	40	38	36	74	6	50	12" DIA	KILL VAN KULL
66	PR-003	BROADWAY	40	38	30	74	7	6	18" DIA	KILL VAN KULL
67	PR-002	E/O TAYLOR STREET	40	38	25	74	7	27	16" DIA	KILL VAN KULL
68	PR-001	PORT RICHMOND WPCP OUTFALL	40	38	27	74	7	32	96" DIA	KILL VAN KULL
69	PR-035	BODINE STREET	40	38	25	74	7	34	18" DIA	KILL VAN KULL
70	PR-036	RECTOR STREET	40	38	15	74	7	40	9' X 4'	BODINE CREEK
71	PR-612	SIGNS ROAD (100' W/O DINSMORE STREET)	40	36	9	74	10	18	11' X 6'	MAIN CREEK
72	PR-613	RECTOR STREET	40	38	15	74	7	40	DBL 12' X 7'2"	BODINE CREEK
73	PR-614	CLOVE ROAD	40	37	5	74	6	29	7' X 4' 8"	CLOVE LAKE (E)
74	PR-515	10 ' S/O CLOVE ROAD	40	37	5	74	6	28	24" DIA	CLOVE LAKE (E)
75	PR-516	300' S/O FOREST AVENUE	40	37	34	74	7	19	36" DIA	BROOKS POND (W)
76	PR-517	200' N/O MARTLING AVENUE BRIDGE	40	37	37	74	7	21	10" DIA	BROOKS POND (W)
77	PR-518	50' N/O MARTLING AVENUE BRIDGE	40	37	35	74	7	20	52" DIA	BROOKS POND (W)
78	PR-519	10' S/O FOREST AVENUE	40	37	38	74	7	21	10" DIA	BROOKS LAKE (W)
79	PR-520	10' S/O FOREST AVENUE	40	37	38	74	7	21	10" DIA	BROOKS LAKE (E)
80	PR-521	30' S/O FOREST AVENUE	40	37	38	74	7	21	18" DIA	BROOKS LAKE (W)
81	PR-615	LOGAN AVENUE	40	36	56	74	6	23	8'10" X 5'8"	CLOVE LAKE (S)
82	PR-616	MANOR ROAD	40	36	54	74	7	24	48" DIA	CLOVE LAKE
83	PR-617	CLOVE ROAD	40	37	22	74	7	5	42" DIA	RICHMOND LAKE
84	PR-618	FOREST AVENUE	40	37	38	74	7	21	36" DIA	BROOKS LAKE
85	PR-619	FOREST AVENUE	40	37	38	74	7	21	12' X 5'6"	BROOKS LAKE
86	PR-621	GARRICK STREET	40	37	22	74	10	16	DBL 20' X 6'6"	OLD PLACE CREEK
87	PR-544	PARK AVENUE	40	38	26	74	7	48	6" DIA	KILL VAN KULL
88	PR-545	50' W/O FABER STREET	40	38	30	74	8	8	6" DIA	KILL VAN KULL
89	PR-546	150' W/O FABER STREET	40	38	29	74	8	12	6" DIA	KILL VAN KULL
90	PR-547	250' W/O FABER STREET	40	38	28	74	8	15	6" DIA	KILL VAN KULL
91	PR-548	300' W/O FABER STREET	40	38	28	74	8	17	6" DIA	KILL VAN KULL
92	PR-029	NICHOLAS STREET	40	38	27	74	8	21	DBL 8'6" X 6'	KILL VAN KULL
93	PR-028	HOUSEMAN AVENUE	40	38	15	74	8	55	DBL 5' 11-1/2" X 2'9"	NEWARK BAY
94	PR-027	UNION AVENUE	40	38	17	74	9	28	12" DIA	NEWARK BAY
95	PR-522	40' W/O UNION AVENUE	40	38	17	74	9	29	12' DIA	NEWARK BAY
96	PR-026	HARBOR ROAD	40	38	18	74	9	37	52" DIA	NEWARK BAY
97	PR-523	70' W/O HARBOR ROAD	40	38	19	74	9	39	12" DIA	NEWARK BAY
98	PR-025	SOUTH AVENUE	40	38	29	74	9	57	10" DIA	NEWARK BAY
99	PR-024	W/O HOLLAND AVENUE	40	38	26	74	10	23	16" DIA	NEWARK BAY
100	PR-141	1750' N/O STATEN ISLAND RAILROAD BRIDGE	40	38	30	74	11	19	24" DIA	ARTHUR KILL
101	PR-142	1450' N/O STATEN ISLAND RAILROAD BRIDGE	40	38	27	74	11	23	24" DIA	ARTHUR KILL
102	PR-143	1150' N/O STATEN ISLAND RAILROAD BRIDGE	40	38	25	74	11	26	24" DIA	ARTHUR KILL

PORT RICHMOND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	PR-144	850' N/O STATEN ISLAND RAILROAD BRIDGE	40	38	21	74	11	30	24" DIA	ARTHUR KILL
104	PR-145	550' N/O STATEN ISLAND RAILROAD BRIDGE	40	38	18	74	11	34	24" DIA	ARTHUR KILL
105	PR-0000006	100 N/O STATEN ISLAND RAILROAD BRIDGE	40	38	15	74	11	39	36" DIA	ARTHUR KILL
106	PR-149	VICTORY BOULEVARD	40	35	7	74	12	16	15" DIA	ARTHUR KILL
107	PR-524	WESTERN AVENUE (100' N/O S.I.R.)	40	38	2	74	10	57	36" DIA	OLD PLACE CREEK
108	PR-525	WESTERN AVENUE	40	38	3	74	10	57	12" DIA	OLD PLACE CREEK
109	PR-526	S/O GEOTHALS BR (TREATMENT POUND)	40	37	51	74	11	35	24" DIA	OLD PLACE CREEK
110	PR-0005100-001	FELDMEYERS LANE (CON EDISON)	40	35	35	74	12	0	30' CANAL	ARTHUR KILL
111	PR-620	FOREST HILL ROAD	40	37	22	74	10	16	22" DIA	MAIN CREEK
112	PR-527	50' W/O LOGAN AVE	40	36	56	74	6	23	36" DIA	CLOVE LAKE
113	PR-549	CLIFTON AVENUE	40	36	60	74	3	49	8" DIA	UPPER NEW YORK BAY
114	PR-162	GREENFIELD AVENUE	40	37	17	74	4	11	12" DIA	UPPER NEW YORK BAY
115	PR-168	150' N/O NORWOOD AVENUE	40	37	23	74	4	16	12" DIA	UPPER NEW YORK BAY
116	PR-169	175' N/O NORWOOD AVENUE	40	37	23	74	4	16	12" DIA	UPPER NEW YORK BAY
117	PR-107	VANDERBUILT AVENUE	40	37	23	74	4	16	10" DIA	UPPER NEW YORK BAY
118	PR-108	50' N/O VANDERBUILT AVENUE	40	37	24	74	4	16	10" DIA	UPPER NEW YORK BAY
119	PR-109	100' N/O VANDERBUILT AVENUE	40	37	24	74	4	17	10" DIA	UPPER NEW YORK BAY
120	PR-110	150' N/O VANDERBUILT AVENUE	40	37	25	74	4	17	10" DIA	UPPER NEW YORK BAY
121	PR-170	200' N/O VANDERBUILT AVENUE	40	37	25	74	4	18	10" DIA	UPPER NEW YORK BAY
122	PR-171	230' N/O VANDERBUILT AVENUE	40	37	26	74	4	18	10" DIA	UPPER NEW YORK BAY
123	PR-550	70' N/O DOCK STREET	40	37	34	74	4	21	8" DIA	UPPER NEW YORK BAY
124	PR-551	100' N/O DOCK STREET	40	37	34	74	4	21	8" DIA	UPPER NEW YORK BAY
125	PR-113	THOMPSON STREET	40	37	34	74	4	21	10" DIA	UPPER NEW YORK BAY
126	PR-114	50' N/OTHOMPSON STREET	40	37	35	74	4	21	8" SQUARE	UPPER NEW YORK BAY
127	PR-115	100' N/O THOMPSON STREET	40	37	35	74	4	21	8" SQUARE	UPPER NEW YORK BAY
128	PR-552	400' S/O HANNAH STREET	40	38	6	74	4	23	8" DIA	UPPER NEW YORK BAY
129	PR-127	VICTORY BOULEVARD	40	38	17	74	4	21	18" DIA PVC	UPPER NEW YORK BAY
130	PR-181	50' N/O BANK STREET	40	38	50	74	5	24	10" DIA	KILL VAN KULL
131	PR-553	250' E/O FRANKLIN STREET	40	38	47	74	5	31	8" DIA	KILL VAN KULL
132	PR-554	100' E/O LAFAYETTE AVENUE	40	38	44	74	5	44	8" DIA	KILL VAN KULL
133	PR-189	100' E/O LAFAYETTE AVENUE	40	38	44	74	5	44	18" DIA	KILL VAN KULL
134	PR-191	200' W/O FABER STREET	40	38	29	74	8	10	18" DIA	KILL VAN KULL
135	PR-146	400' N/O STATEN ISLAND RAILROAD BRIDGE	40	38	17	74	11	36	15" DIA	ARTHUR KILL
136	PR-147	50' N/O SPENCER STREET	40	36	10	74	11	46	18" DIA	PRALLS RIVER
137	PR-148	40' N/O SPENCER STREET	40	36	10	74	11	46	12" DIA	PRALLS RIVER
138	PR-037	RICHMOND AVENUE	40	38	28	74	7	52	5' X 3'	KILL VAN KULL
139	PR-901	GOETHALS RD NORTH & S/O ELIZABETH GROVE RD	40	37	26	74	10	27	15" DIA	OLD PLACE CREEK
140	PR-902	GOETHALS RD NORTH & ELIZABETH GROVE RD	40	37	27	74	10	29	15" DIA	OLD PLACE CREEK
141	PR-903	GULF AVE & OPPOSITE OF 12TH AVE	40	37	33	74	10	48	24" DIA	OLD PLACE CREEK
142	PR-904	GULF AVE & OPPOSITE OF 10TH AVE	40	37	36	74	10	54	24" DIA	OLD PLACE CREEK
143	PR-905	GULF AVE & 6TH AVE	40	37	46	74	11	13	18" DIA	OLD PLACE CREEK
144	PR-906	CLOVE LAKES EXPY & EXIT RAMP TO PEARL HARBOR	40	37	19	74	10	23	15" DIA	OLD PLACE CREEK
145	PR-907	CLOVE LAKES EXPY & ENTRANCE RAMP FROM PEARL HARBOR	40	37	22	74	10	30	15"DIA	OLD PLACE CREEK
146	PR-192	BENJAMIN PL	40	38	16	74	10	18	20" DIA	ARTHUR KILL (MARSH)
147	PR-201	SOUTHWEST END OF THE PORT RICHMOND WPCP	40	38	19	74	7	37	15" DIA	BODINE CREEK
148	PR-202	WEST END OF THE PORT RICHMOND WPCP	40	38	21	74	7	37	6" DIA	BODINE CREEK
149	PR-203	NORTH END OF THE PORT RICHMOND WPCP	40	38	25	74	7	31	12" DIA	ARTHUR KILL


Port Richmond
PR-017
PR-167
PR-166
PR-165
PR-164
PR-541
PR-162
PR-018
PR-540
PR-539
PR-538
PR-019
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PR-020
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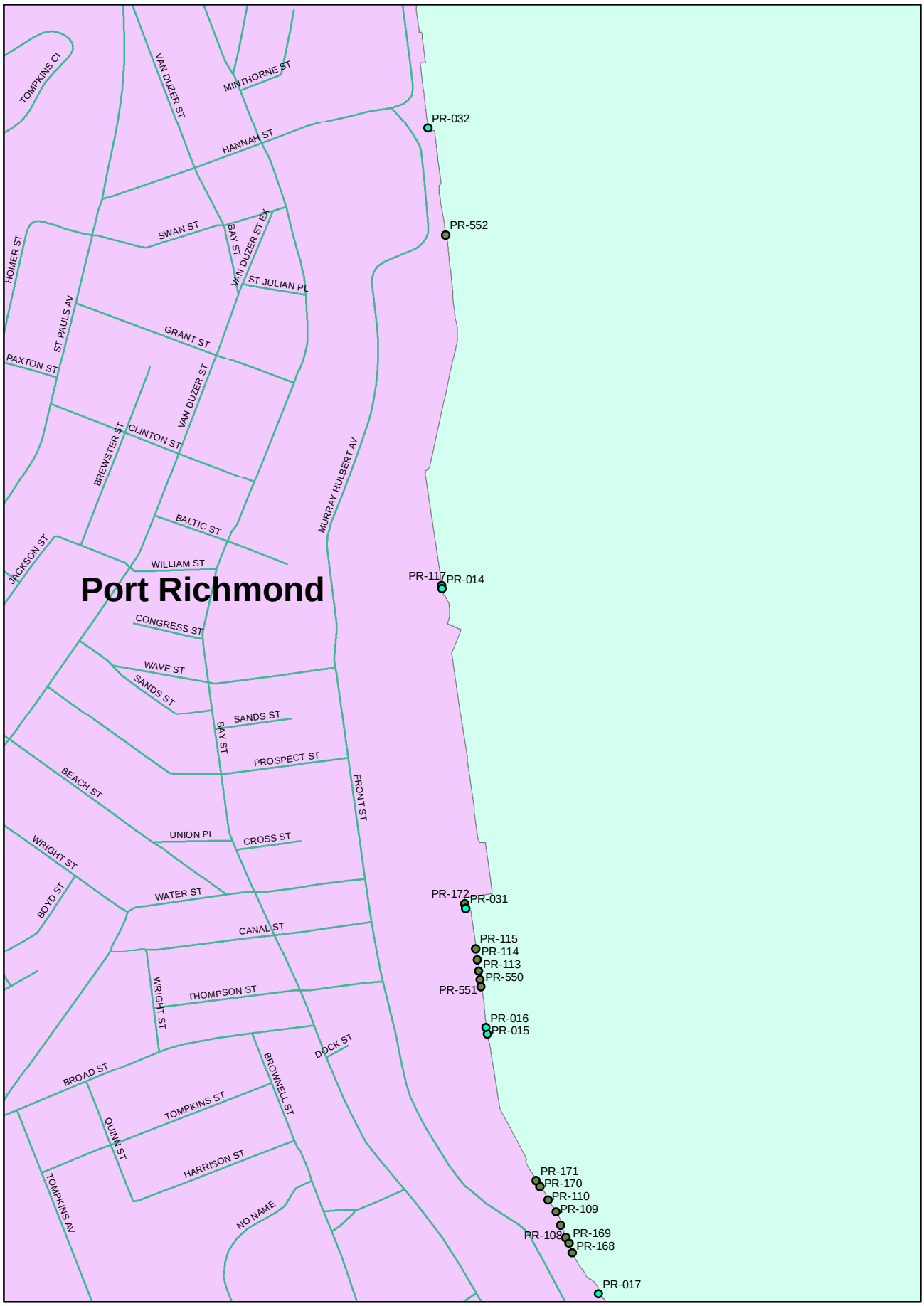
PR-023
PR-023B
PR-023A
PR-152
PR-502
PR-501
PR-531
PR-530
PR-529
FRONT ST
CAMDEN ST
WILLOW AV
LYNHURST AV
CHESTNUT AV
ANDERSON ST
ORMOND PL
BUTLER PL
KALTENMEIER LA
ST MARYS AV
TILSON PL
VERMONT AV
VIRGINIA AV
CLIFTON AV
ROSEBANK PL
SYLVATON TE
WIMAN PL
CHURCH LA
WIMAN PL
CLIFTON AV
EDGEWATER ST
BAY ST
ANDREASE ST
ABBOTT ST
LINDEN PL
SCARBORO AV
NEW LA
WHITE ST
ANDERSON ST
HYLAN BL
MARYLAND AV
WINGHAM ST
ST JOHNS AV
DAYNA DR
DEAL CT
CLAYTON ST
BELAIR RD
TOMPKINS AV
HOPE AV
CABOT PL
BELAIR LA
EGBERT PL
HOME AV
EVELYN PL
BANG TE
FINGERBOARD RD
NO NAME
NAUTILUS ST
CLIFF CT
CLIFF ST
NO NAME
SEA GATE RD
WADSWORTH RD
HARBORVIEW PL S
SHORE ACRES RD
POLK WK
BELAIR RD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ST PAULS AV
GRANT ST
PAXTON ST
VAN DUZER ST
CLINTON ST
BREWSTER ST
MURRAY HULBERT AV
BALTIC ST
JACKSON ST
WILLIAM ST
CONGRESS ST
WAVE ST
SANDS ST
SANDS ST
BAY ST
PROSPECT ST
BEACH ST
FRONT ST
UNION PL
CROSS ST
WRIGHT ST
BOYD ST
WATER ST
CANAL ST
WRIGHT ST
THOMPSON ST
DOCK ST
BROWNELL ST
BROAD ST
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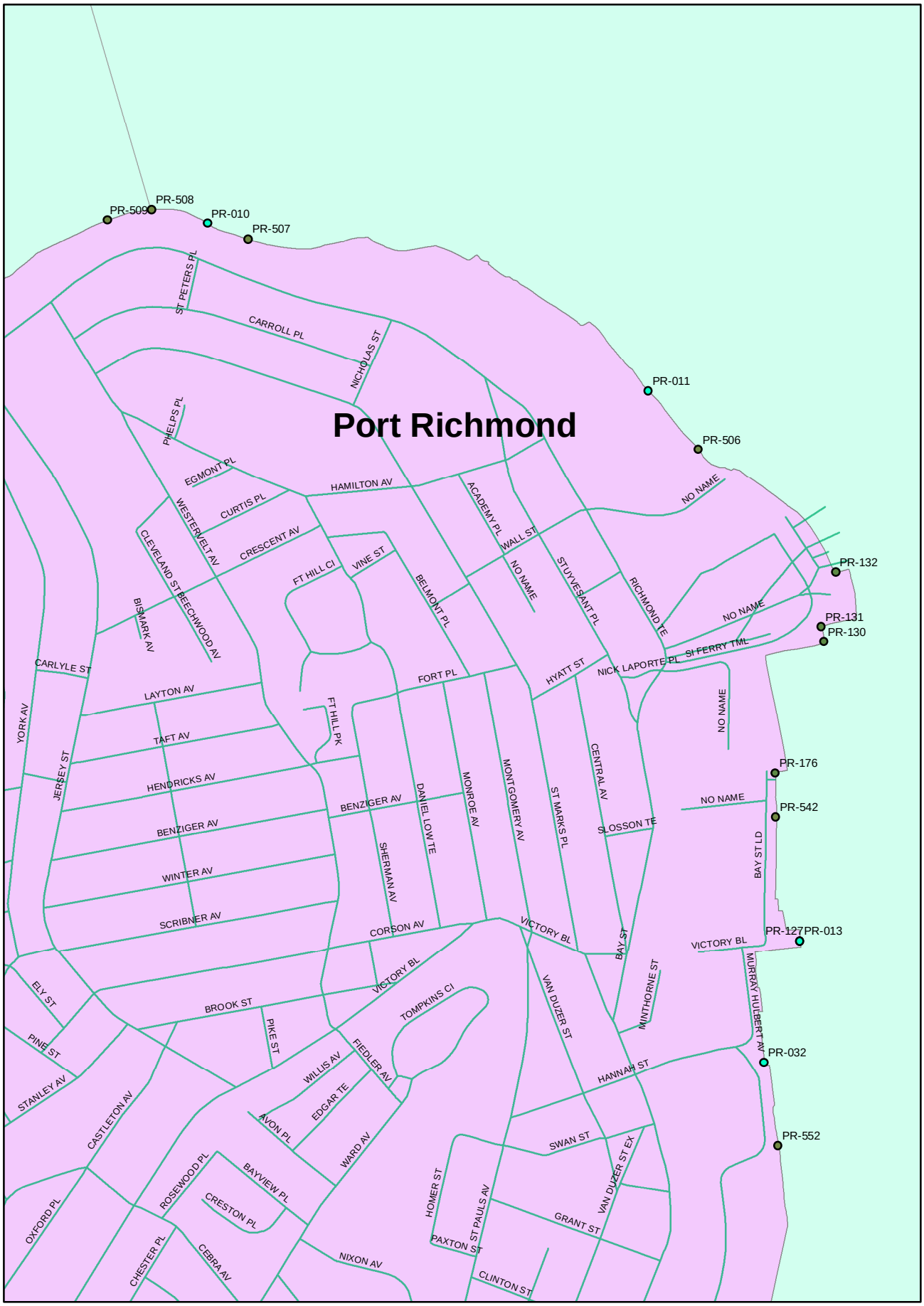
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CURTIS PL
WESTERVELT AV
CRESCENT AV
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BEECHWOOD AV
BISMARK AV
CARLYLE ST
YORK AV
JERSEY ST
LAYTON AV
TAFT AV
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BENZIGER AV
WINTER AV
SCRIBNER AV
ELY ST
PINE ST
STANLEY AV
CASTLETON AV
OXFORD PL
CHESTER PL
CEBRA AV
ROSEWOOD PL
CRESTON PL
BAYVIEW PL
AVON PL
WILLIS AV
EDGAR TE
WARD AV
PIKE ST
BROOK ST
FIELDER AV
TOMPKINS CI
NIXON AV
FT HILL CI
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FT HILL PK
BELMONT PL
ACADEMY PL
WALL ST
NO NAME
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SI FERRY TML
NICK LAPORTE PL
FORT PL
HYATT ST
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DANIEL LOW TE
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ST MARKS PL
CENTRAL AV
SLOSSON TE
SHERMAN AV
CORSON AV
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BAY ST
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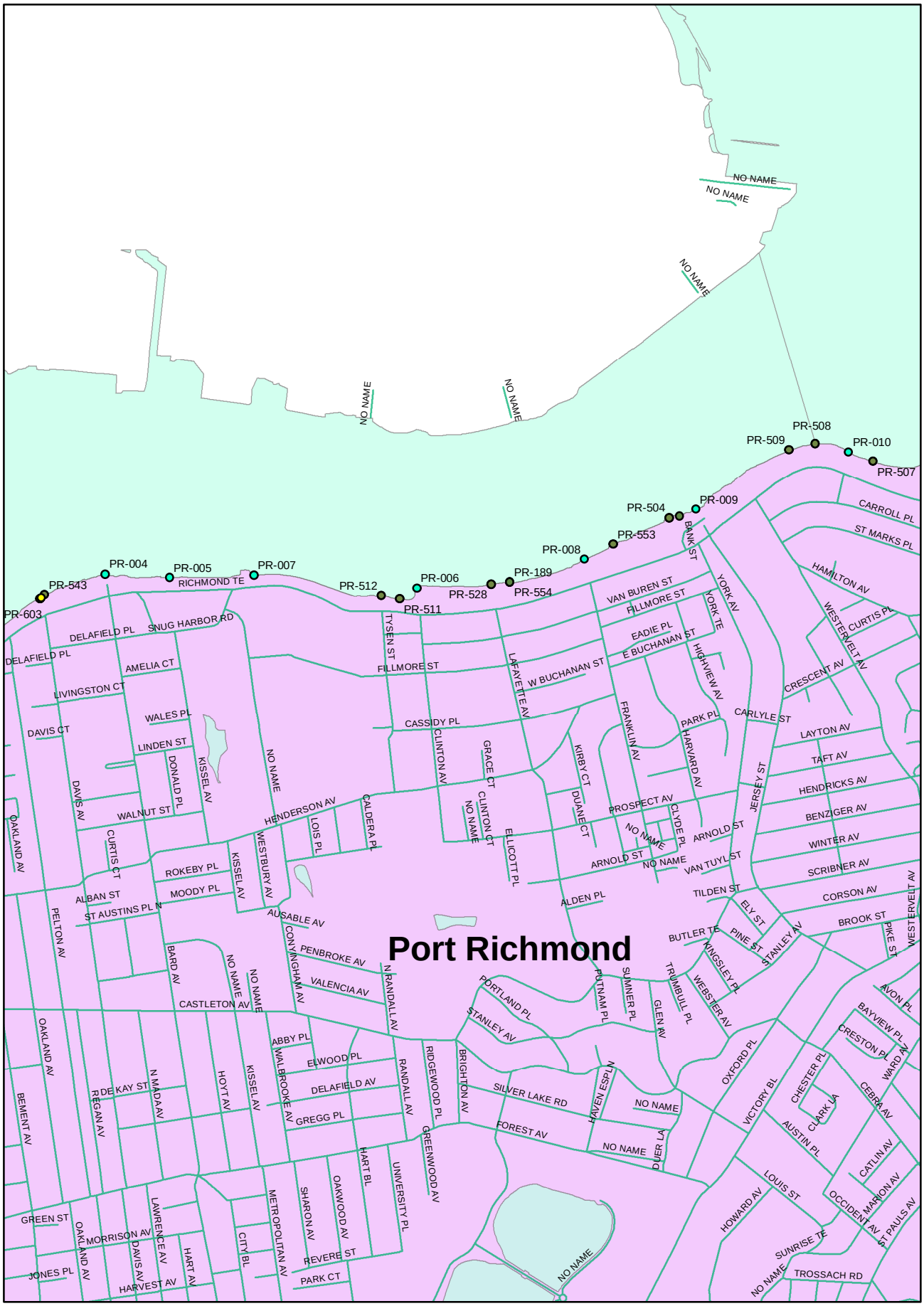
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WALES PL
DAVIS CT
LINDEN ST
DONALD PL
KISSEL AV
DAVIS AV
WALNUT ST
OAKLAND AV
CURTIS CT
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ALBAN ST
MOODY PL
ST AUSTINS PL N
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BARD AV
HENDERSON AV
LOIS PL
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PENBROKE AV
VALENCIA AV
CASTLETON AV
N RANDALL AV
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FILLMORE ST
CASSIDY PL
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DUANE CT
ALDEN PL
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FILLMORE ST
EADIE PL
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FRANKLIN AV
PROSPECT AV
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ARNOLD ST
VAN TUYL ST
HIGHVIEW AV
PARK PL
HARVARD AV
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BANK ST
CARLYLE ST
JERSEY ST
TILDEN ST
ELY ST
PINE ST
BUTLER TE
STANLEY AV
KINGSLEY PL
WEBSTER AV
TRUMBULL PL
GLEN AV
SUMNER PL
PUTNAM PL
PORTLAND PL
STANLEY AV
ABBY PL
ELWOOD PL
DELAFIELD AV
GREGG PL
WALBROOKE AV
RIDGEWOOD PL
BRIGHTON AV
SILVER LAKE RD
HAVEN ESPLN
FOREST AV
DUER LA
GREENWOOD AV
UNIVERSITY PL
HART BL
OAKWOOD AV
SHARON AV
METROPOLITAN AV
CITY BL
REVERE ST
PARK CT
HOYT AV
N MADA AV
DE KAY ST
REGAN AV
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GREEN ST
MORRISON AV
LAWRENCE AV
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CORSON AV
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PIKE ST
AVON PL
BAYVIEW PL
CRESTON PL
WARD AV
OXFORD PL
VICTORY BL
CHESTER PL
CLARK LA
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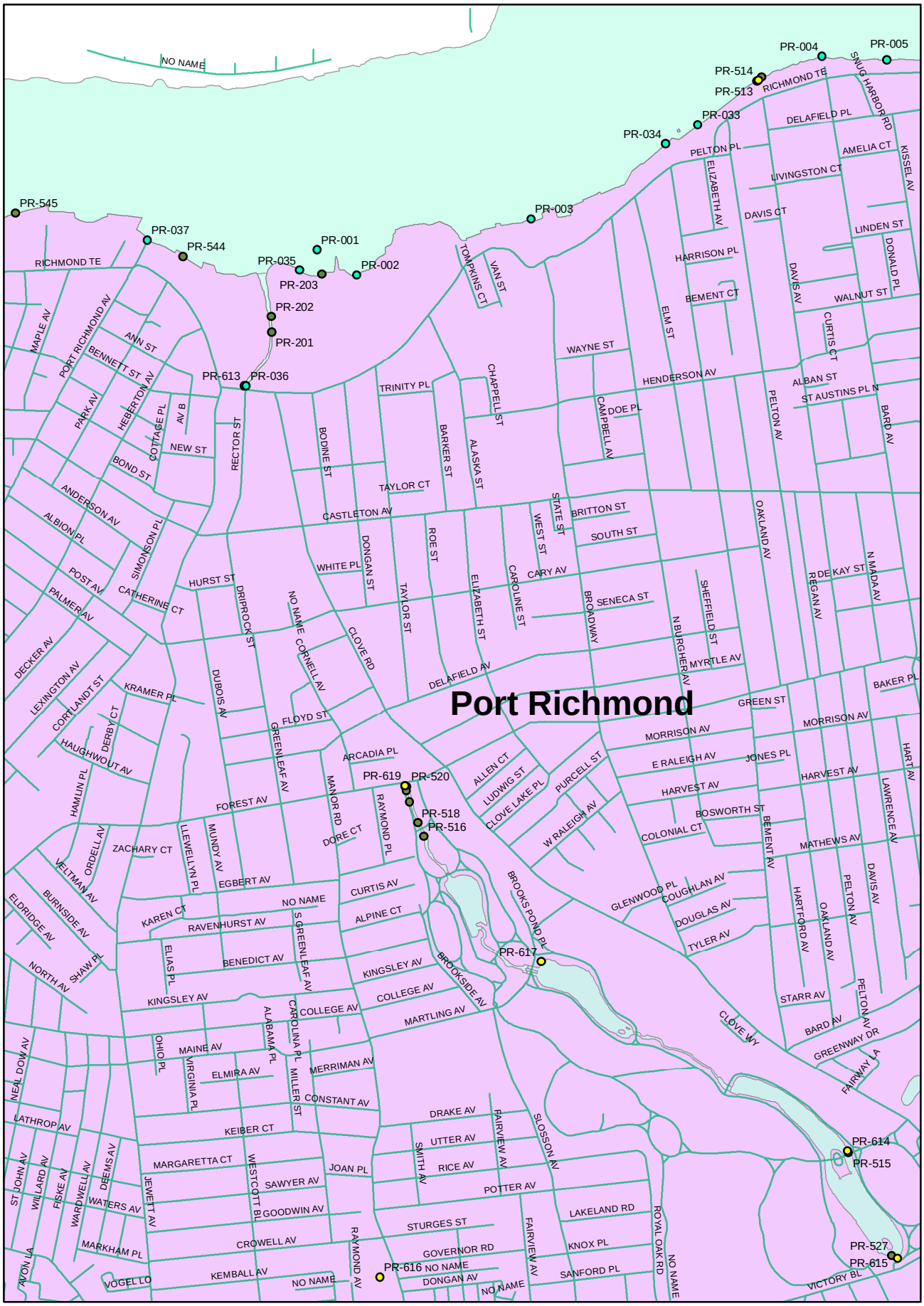
CATLIN AV
MARION AV
OCCIDENT AV
ST PAULS AV
LOUIS ST
HOWARD AV
SUNRISE TE
TROSSACH RD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DELAFIELD PL
PELTON PL
AMELIA CT
KISSEL AV
LIVINGSTON CT
ELIZABETH AV
DAVIS CT
LINDEN ST
DONALD PL
HARRISON PL
BEMENT CT
WALNUT ST
DAVIS AV
CURTIS CT
ELM ST
WAYNE ST
HENDERSON AV
ALBAN ST
ST AUSTINS PL N
PELTON AV
BARD AV
CAMPBELL AV
DOE PL
TOMPKINS CT
VAN ST
CHAPPELL ST
TRINITY PL
BARKER ST
ALASKA ST
BODINE ST
RECTOR ST
MAPLE AV
PORT RICHMOND AV
ANN ST
BENNETT ST
HEBERTON AV
PARK AV
COTTAGE PL
AV B
NEW ST
BOND ST
ANDERSON AV
ALBION PL
SIMONSON PL
POST AV
CATHERINE CT
PALMER AV
TAYLOR CT
CASTLETON AV
STATE ST
WEST ST
BRITTON ST
SOUTH ST
OAKLAND AV
N MADA AV
REGAN AV
DE KAY ST
DONGAN ST
ROE ST
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CARY AV
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TAYLOR ST
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DRIPROCK ST
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CLOVE RD
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SHEFFIELD ST
N BURGHER AV
MYRTLE AV
DECKER AV
LEXINGTON AV
CORTLANDT ST
KRAMER PL
DUBOIS AV
DELAFIELD AV
BAKER PL
GREEN ST
MORRISON AV
FLOYD ST
GREENLEAF AV
DERBY CT
HAUGHWOUT AV
ARCADIA PL
ALLEN CT
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PURCELL ST
CLOVE LAKE PL
E RALEIGH AV
JONES PL
HARVEST AV
HART AV
LAWRENCE AV
HAMLIN PL
FOREST AV
MANOR RD
RAYMOND PL
W RALEIGH AV
BOSWORTH ST
COLONIAL CT
BEMENT AV
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GLENWOOD PL
COUGHLAN AV
DOUGLAS AV
TYLER AV
HARTFORD AV
OAKLAND AV
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DAVIS AV
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ELDRIDGE AV
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RAVENHURST AV
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KINGSLEY AV
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NORTH AV
COLLEGE AV
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STARR AV
CLOVE WY
BARD AV
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ALABAMA PL
CAROLINA PL
OHIO PL
MAINE AV
VIRGINIA PL
ELMIRA AV
MILLER ST
MERRIMAN AV
NEAL DOW AV
CONSTANT AV
LATHROP AV
KEIBER CT
DRAKE AV
FAIRVIEW AV
SLOSSON AV
UTTER AV
SMITH AV
RICE AV
MARGARETTA CT
WESTCOTT BL
JOAN PL
ST JOHN AV
WILLARD AV
FISKE AV
WARDWELL AV
DEEMS AV
JEWETT AV
SAWYER AV
POTTER AV
WATERS AV
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MARKHAM PL
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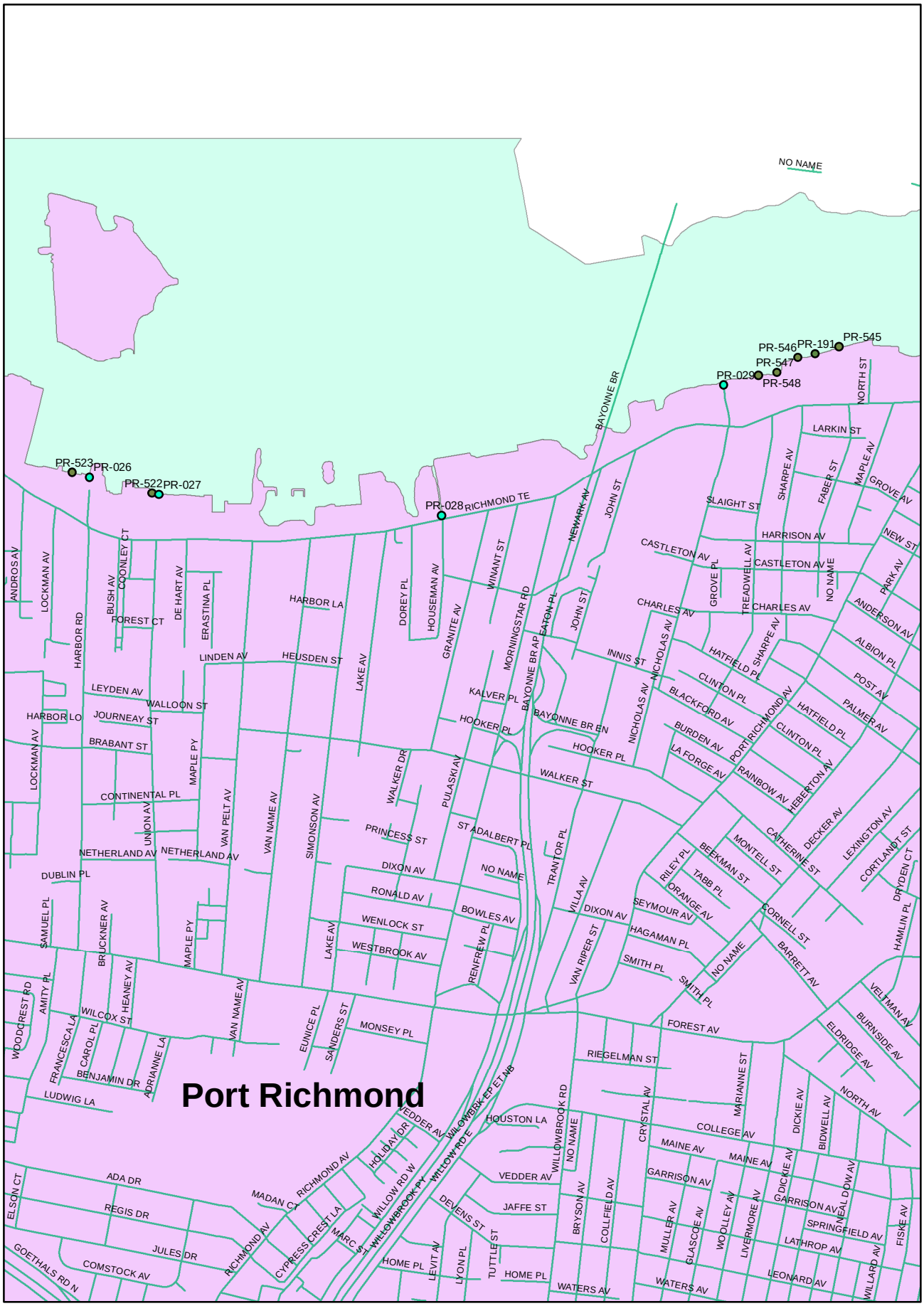
VICTORY BL


Port Richmond
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PR-522
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PR-548
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BAYONNE BR
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NORTH ST
LARKIN ST
SHARPE AV
FABER ST
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NEW ST
PARK AV
ANDERSON AV
ALBION PL
POST AV
PALMER AV
HATFIELD PL
CLINTON PL
HEBERTON AV
DECKER AV
LEXINGTON AV
CORTLANDT ST
DRYDEN CT
HAMLIN PL
VELTMAN AV
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ELDRIDGE AV
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BIDWELL AV
DICKIE AV
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BARRETT AV
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CATHERINE ST
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BEEKMAN ST
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ORANGE AV
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HAGAMAN PL
SMITH PL
FOREST AV
RIEGELMAN ST
COLLEGE AV
MAINE AV
GARRISON AV
SPRINGFIELD AV
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NEAL DOW AV
WATERS AV
HOME PL
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VEDDER AV
JAFFE ST
DEVENS ST
TUTTLE ST
LYON PL
LEVIT AV
WILLOWBROOK RD
WILLOWBROOK PY
WILLOW RD E
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HOLIDAY DR
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MADAN CT
CYPRESS CREST LA
MARC ST
ADA DR
REGIS DR
JULES DR
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AMITY PL
SAMUEL PL
FRANCESCA LA
CAROL PL
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BRUCKNER AV
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SANDERS ST
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WESTBROOK AV
WENLOCK ST
RONALD AV
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DOREY PL
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GRANITE AV
WINANT ST
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VAN RIPER ST
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INNIS ST
CHARLES AV
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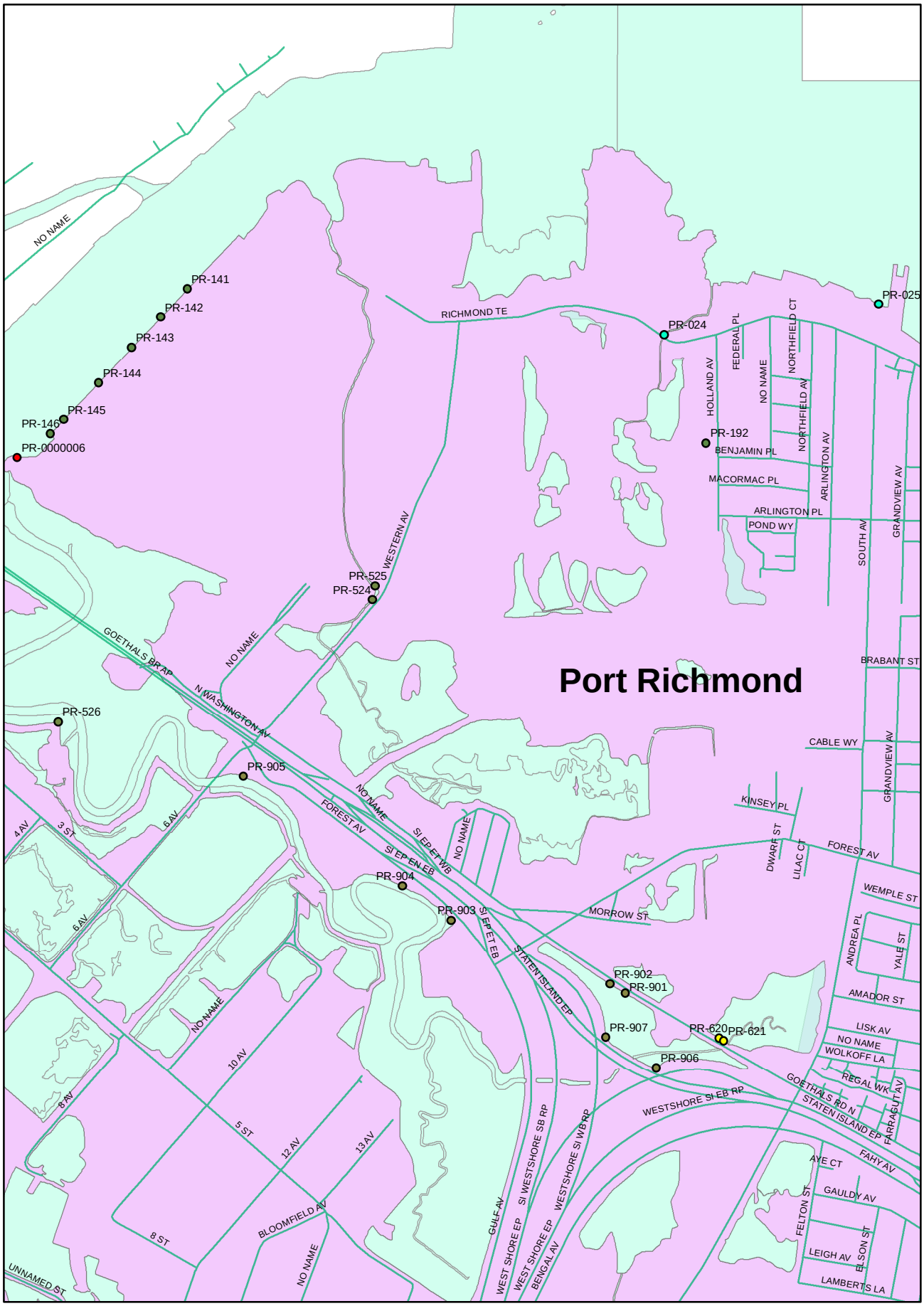
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MACORMAC PL
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POND WY
SOUTH AV
GRANDVIEW AV
WESTERN AV
GOETHALS BR AP
N WASHINGTON AV
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CABLE WY
KINSEY PL
DWARF ST
LILAC CT
FOREST AV
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YALE ST
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REGAL WK
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FAHY AV
AYE CT
GAULDY AV
FELTON ST
ELSON ST
LEIGH AV
LAMBERTS LA
MORROW ST
SI EP EN EB
SI EP ET WB
SI EP ET EB
STATEN ISLAND EP
WESTSHORE SI EB RP
GOETHALS RD N
WEST SHORE EP
SI WESTSHORE SB RP
WESTSHORE SI WB RP
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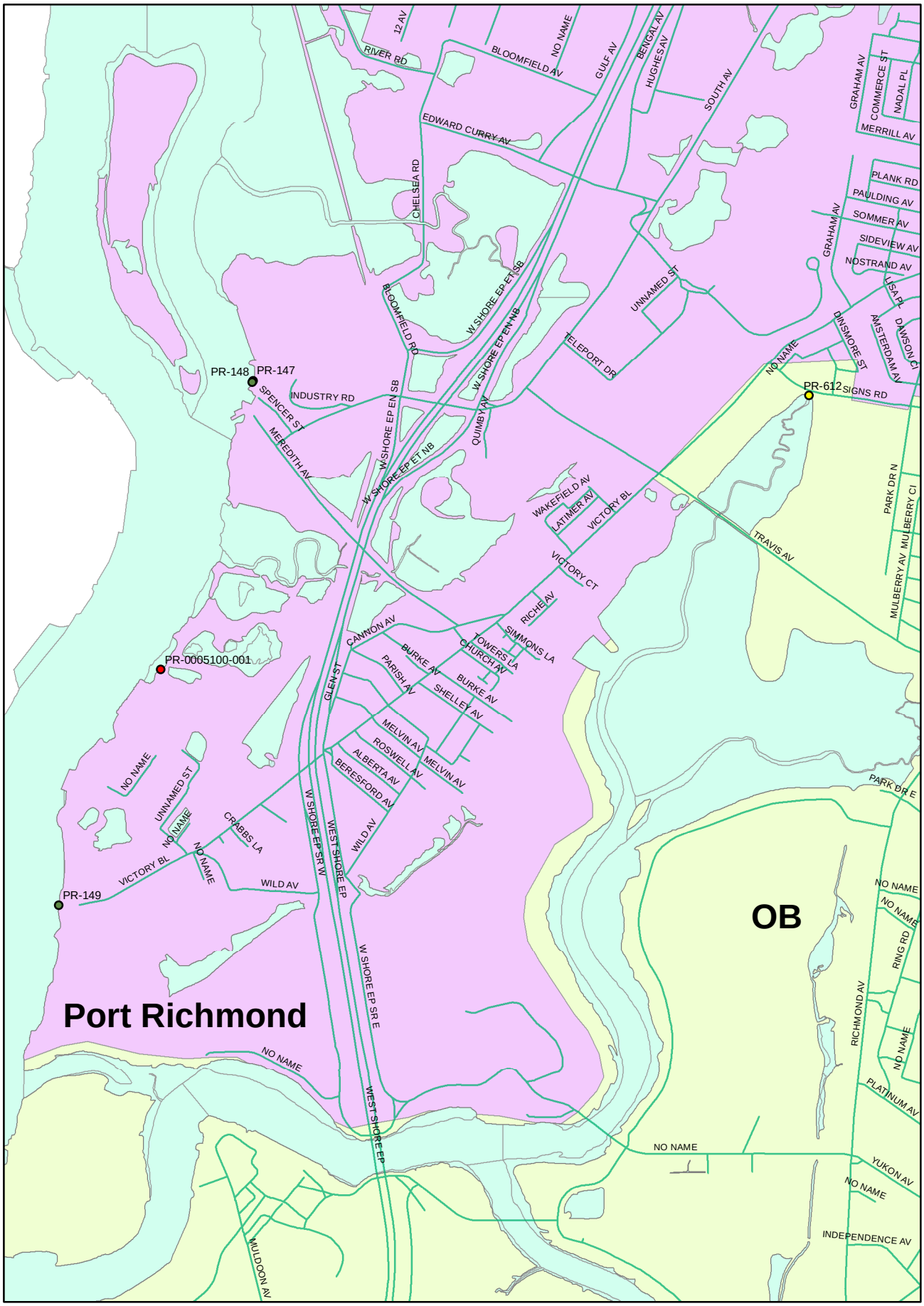
BLOOMFIELD AV
UNNAMED ST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GRAHAM AV
COMMERCE ST
NADAL PL
MERRILL AV
EDWARD CURRY AV
CHELSEA RD
PLANK RD
PAULDING AV
SOMMER AV
SIDEVIEW AV
NOSTRAND AV
LISA PL
DAWSON CI
AMSTERDAM AV
DINSMORE ST
UNNAMED ST
BLOOMFIELD RD
W SHORE EP ET SB
W SHORE EP ET NB
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W SHORE EP EN NB
TELEPORT DR
INDUSTRY RD
SPENCER ST
MEREDITH AV
QUIMBY AV
SIGNS RD
WAKEFIELD AV
LATIMER AV
VICTORY BL
VICTORY CT
TRAVIS AV
PARK DR N
MULBERRY AV
MULBERRY CI
RICHE AV
SIMMONS LA
TOWERS LA
CHURCH AV
CANNON AV
BURKE AV
PARISH AV
SHELLEY AV
GLEN ST
MELVIN AV
ROSWELL AV
ALBERTA AV
BERESFORD AV
WILD AV
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W SHORE EP SR W
WEST SHORE EP
W SHORE EP SR E
PARK DR E
RING RD
RICHMOND AV
PLATINUM AV
YUKON AV
INDEPENDENCE AV
MULLOON AV

Outfall ID: PR-002
Location: E/O TAYLOR STREET
Latitude: 40° 38' 25"
Longitude: 74° 7' 27"
Outfall Size: 16" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-003
Location: BROADWAY
Latitude: 40° 38' 30"
Longitude: 74° 7' 6"
Outfall Size: 18" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-004
Location: BARD AVENUE
Latitude: 40° 38' 44"
Longitude: 74° 6' 32"
Outfall Size: 18" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-005
Location: 30' N/O KISSEL AVENUE
Latitude: 40° 38' 44"
Longitude: 74° 6' 24"
Outfall Size: 20" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-006
Location: CLINTON AVENUE
Latitude: 40° 38' 43"
Longitude: 74° 5' 55"
Outfall Size: 36" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-007
Location: SAILOR SNUG HR. (BRENTWOOD AVE)
Latitude: 40° 38' 44"
Longitude: 74° 6' 14"
Outfall Size: 15" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-008
Location: FRANKLIN AVENUE
Latitude: 40° 38' 46"
Longitude: 74° 5' 35"
Outfall Size: 3' X 3' 6"
Receiving Water: KILL VAN KULL

Outfall ID: PR-009
Location: JERSEY STREET
Latitude: 40° 38' 50"
Longitude: 74° 5' 22"
Outfall Size: 6' X 4'6"
Receiving Water: KILL VAN KULL

Outfall ID: PR-010
Location: ST. PETERS PLACE
Latitude: 40° 38' 56"
Longitude: 74° 5' 4"
Outfall Size: 30" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-011
Location: HAMILTON AVENUE
Latitude: 40° 38' 46"
Longitude: 74° 4' 32"
Outfall Size: 5' X 2'11"
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-013
Location: VICTORY BOULEVARD
Latitude: 40° 38' 17"
Longitude: 74° 4' 21"
Outfall Size: 72" DIA
Receiving Water: UPPER NEW YORK BAY

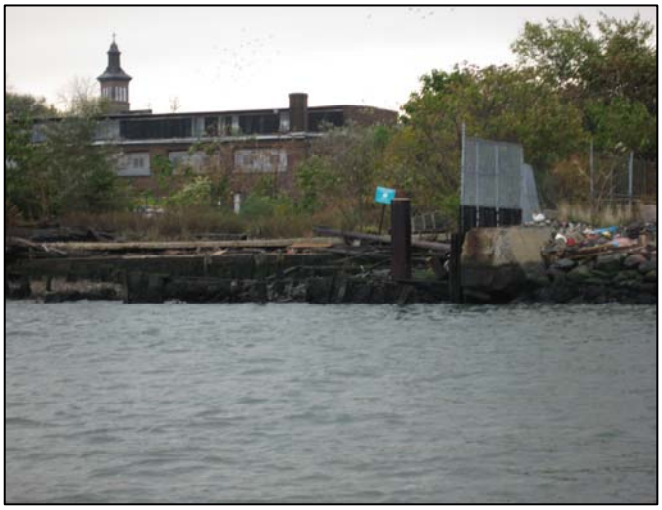
Outfall ID: PR-014
Location: BALTIC STREET
Latitude: 40° 37' 51"
Longitude: 74° 4' 23"
Outfall Size: DBL 6'2" X 3'6"
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-015
Location: S/O DOCK STREET
Latitude: 40° 37' 32"
Longitude: 74° 4' 20"
Outfall Size: 32" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-016
Location: MARINE HOSPITAL
Latitude: 40° 37' 32"
Longitude: 74° 4' 21"
Outfall Size: 20" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-017
Location: NORWOOD AVENUE
Latitude: 40° 37' 21"
Longitude: 74° 4' 14"
Outfall Size: 48" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-018
Location: N/O CAMDEN STREET
Latitude: 40° 37' 15"
Longitude: 74° 4' 9"
Outfall Size: 36" DIA
Receiving Water: UPPER NEW YORK BAY



Outfall ID: PR-019
Location: LYNHURST AVENUE
Latitude: 40° 37' 9"
Longitude: 74° 4' 1"
Outfall Size: DBL 6'4" X 3'6"
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-020
Location: N/O SYLVA LANE
Latitude: 40° 37' 2"
Longitude: 74° 3' 53"
Outfall Size: 15" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-021
Location: HYLAN BOULEVARD
Latitude: 40° 36' 57"
Longitude: 74° 3' 47"
Outfall Size: 10" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-023
Location: NAUTILUS STREET
Latitude: 40° 36' 43"
Longitude: 74° 3' 36"
Outfall Size: 6'6" X 5'11"
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-023A
Location: NAUTILUS STREET
Latitude: 40° 36' 43"
Longitude: 74° 3' 36"
Outfall Size: 20" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-023B
Location: NAUTILUS STREET
Latitude: 40° 36' 43"
Longitude: 74° 3' 36"
Outfall Size: 20" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-024
Location: W/O HOLLAND AVENUE
Latitude: 40° 38' 26"
Longitude: 74° 10' 23"
Outfall Size: 16" DIA
Receiving Water: NEWARK BAY

Outfall ID: PR-025
Location: SOUTH AVENUE
Latitude: 40° 38' 29"
Longitude: 74° 9' 57"
Outfall Size: 10" DIA
Receiving Water: NEWARK BAY

Outfall ID: PR-026
Location: HARBOR ROAD
Latitude: 40° 38' 18"
Longitude: 74° 9' 37"
Outfall Size: 52" DIA
Receiving Water: NEWARK BAY

Outfall ID: PR-027
Location: UNION AVENUE
Latitude: 40° 38' 17"
Longitude: 74° 9' 28"
Outfall Size: 12" DIA
Receiving Water: NEWARK BAY

Outfall ID: PR-028
Location: HOUSEMAN AVENUE
Latitude: 40° 38' 15"
Longitude: 74° 8' 55"
Outfall Size: DBL 5' 11-1/2" X 2'9"
Receiving Water: NEWARK BAY

Outfall ID: PR-029
Location: NICHOLAS STREET
Latitude: 40° 38' 27"
Longitude: 74° 8' 21"
Outfall Size: DBL 8'6" X 6'
Receiving Water: KILL VAN KULL

Outfall ID: PR-030
Location: SYLVATON TERRANCE
Latitude: 40° 37' 4"
Longitude: 74° 3' 54"
Outfall Size: 16" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-031
Location: CANAL STREET
Latitude: 40° 37' 37"
Longitude: 74° 4' 22"
Outfall Size: DBL 3'1" X 3'6"
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-032
Location: VICTORY BOULEVARD
Latitude: 40° 38' 10"
Longitude: 74° 4' 24"
Outfall Size: 24" DIA
Receiving Water: UPPER NEW YORK BAY

Outfall ID: PR-033
Location: ELIZABETH AVENUE
Latitude: 40° 38' 38"
Longitude: 74° 6' 47"
Outfall Size: 3' X 3' 6"
Receiving Water: KILL VAN KULL

Outfall ID: PR-034
Location: BEMENT AVENUE
Latitude: 40° 38' 36"
Longitude: 74° 6' 50"
Outfall Size: 12" DIA
Receiving Water: KILL VAN KULL

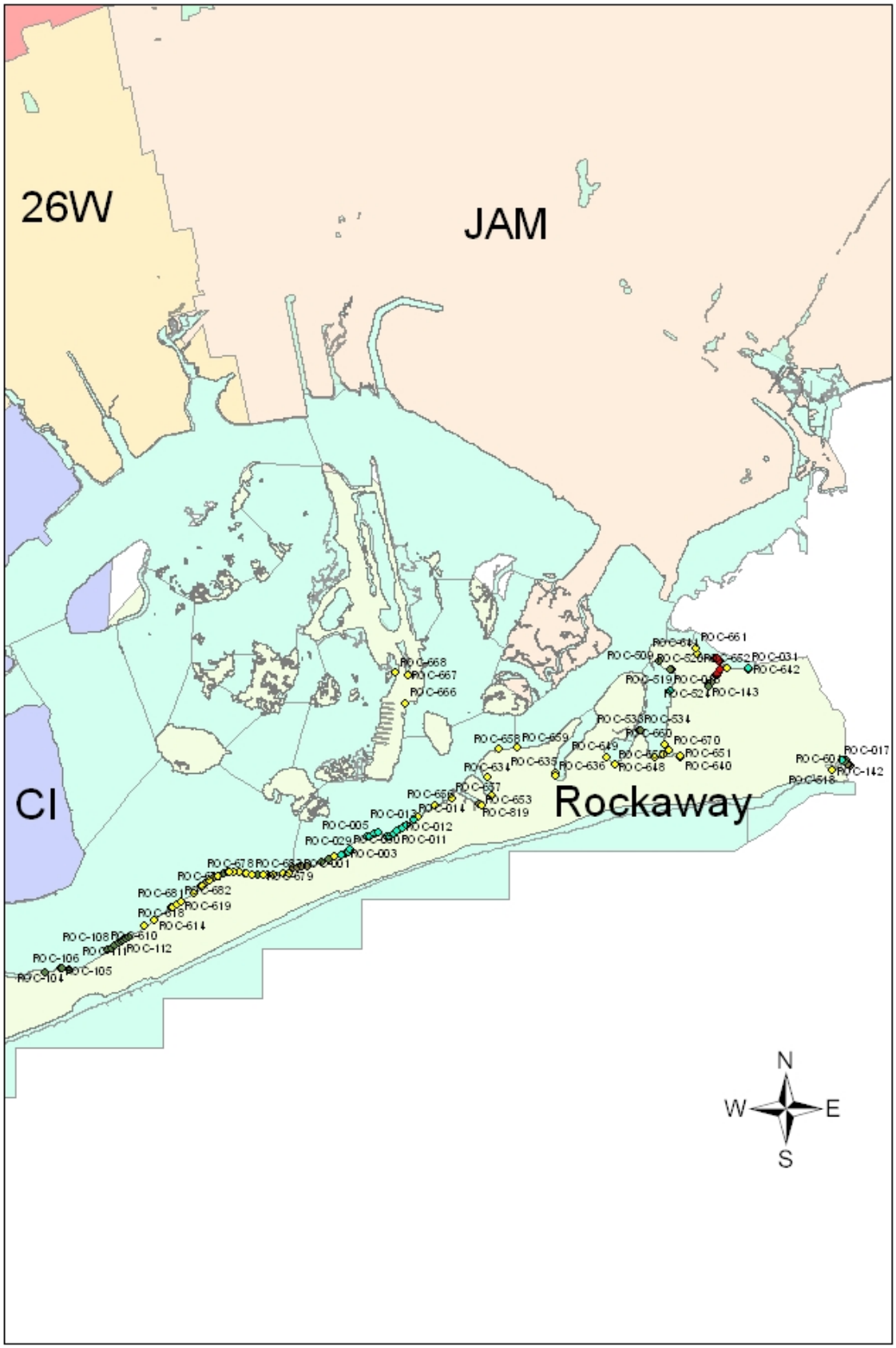
Outfall ID: PR-035
Location: BODINE STREET
Latitude: 40° 38' 25"
Longitude: 74° 7' 34"
Outfall Size: 18" DIA
Receiving Water: KILL VAN KULL

Outfall ID: PR-036
Location: RECTOR STREET
Latitude: 40° 38' 15"
Longitude: 74° 7' 40"
Outfall Size: 9' X 4'
Receiving Water: BODINE CREEK

Outfall ID: PR-037
Location: RICHMOND AVENUE
Latitude: 40° 38' 28"
Longitude: 74° 7' 52"
Outfall Size: 5' X 3'
Receiving Water: KILL VAN KULL

Outfall ID: PR-001
Location: PORT RICHMOND WPCP OUTFALL
Latitude: 40° 38' 27"
Longitude: 74° 7' 32“
Outfall Size: 96" DIA
Receiving Water: KILL VAN KULL

ROCKAWAY DRAINAGE AREA



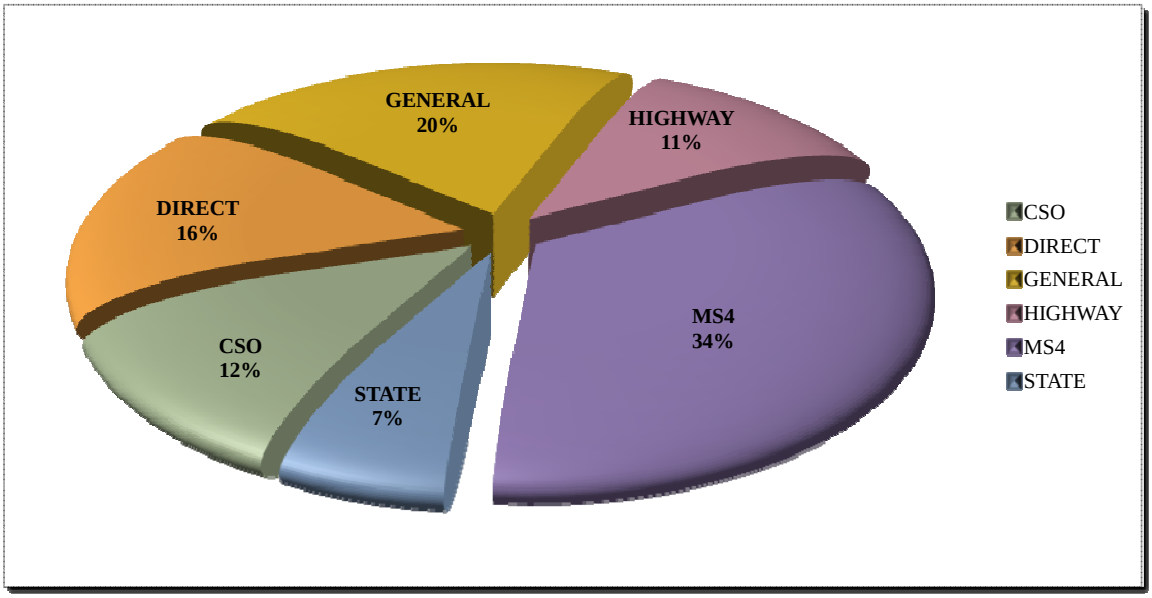
ROCKAWAY SURVEY REPORT

The survey of the entire drainage area of Rockaway, 29.71 miles of shoreline, resulted in the identification of 151 outfalls. The outfalls consist of 18 combined sewer overflow outfalls, 17 highway outfalls, 30 general outfalls, 24 direct discharge outfalls, 52 storm outfalls and 10 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Rockaway Water Pollution Control Plant drainage area covers the entire Rockaway Peninsula from the Nassau county boarder in the east to Rockaway Point in the west, including Broad Channel.

The entire drainage area was surveyed by boat and inflatable raft. The survey began at Bannister Creek near the Nassau County border, proceeded west along Atlantic Ocean, passing Rockaway Beach, Jacob Riis Park and Gateway National Park to Rockaway Point then turned back eastward to the north shore of the Peninsula passing Breezy Point along Rockaway Inlet and Beach Channel under the Cross Bay Bridge, Barbdoes Basin and Vernam Basin. Afterwards, Grass Hassock Channel, Bayswater Channel, Sommerville Basin, Norton Basin, Conch Basin and Mott Basin were surveyed.

Percentile representation Rockaway outfalls



ROCKAWAY

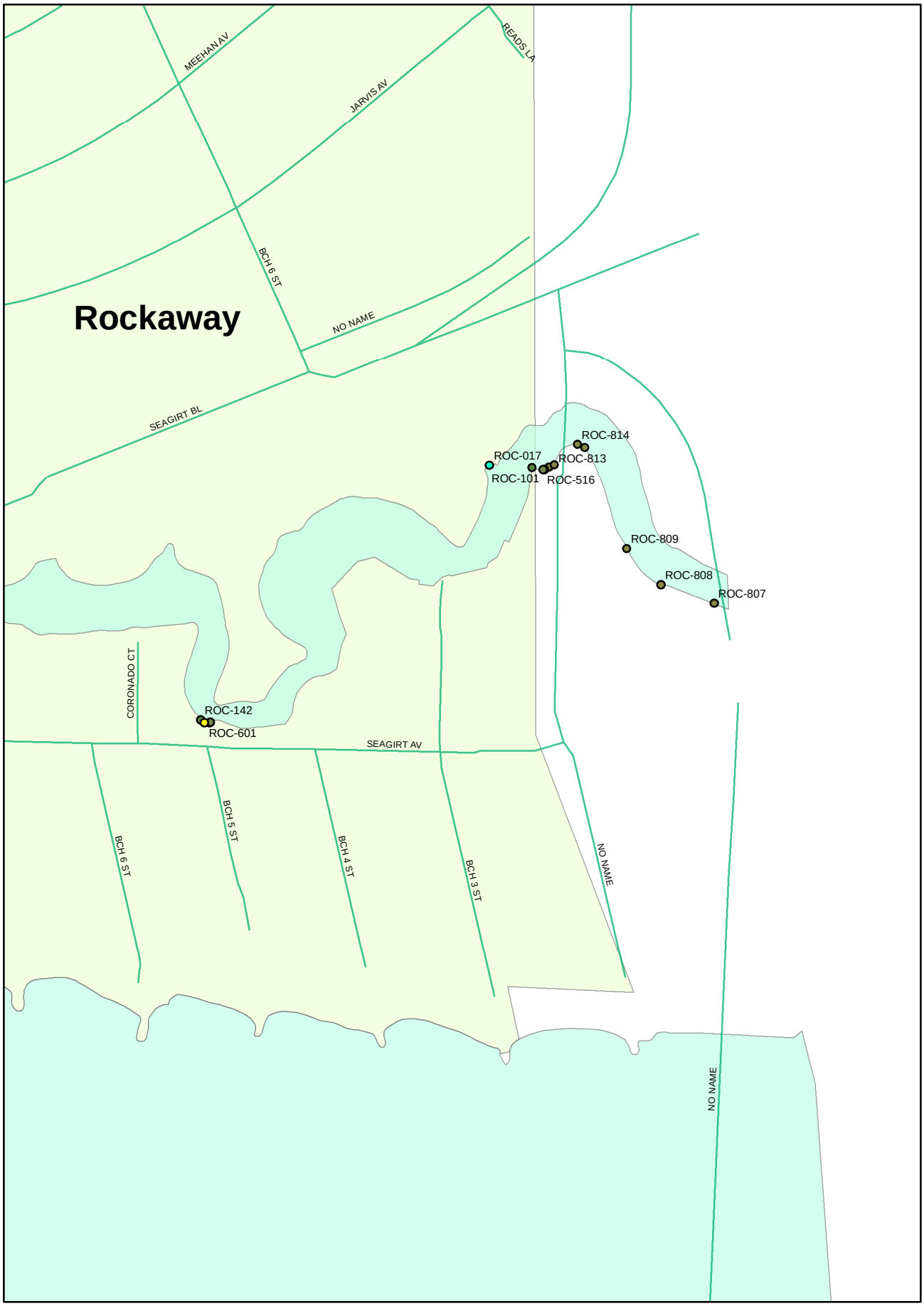
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	ROC-805	15' W/O E SIDE OF ATLANTIC BEACH BRIDGE	40	35	51	73	44	17	18" DIA	BANNISTER CREEK (N)
2	ROC-806	20' W/O E SIDE OF ATLANTIC BEACH BRIDGE	40	35	50	73	44	18	18" DIA	BANNISTER CREEK (N)
3	ROC-807	150' E/O SEAGIRT - ATLANTIC BEACH BR EXT	40	35	48	73	44	14	18" DIA	BANNISTER CREEK (N)
4	ROC-808	75' E/O SEAGIRT - ATLANTIC BEACH BR EXT	40	35	48	73	44	15	24" DIA	BANNISTER CREEK (N)
5	ROC-809	20' E/O SEAGIRT - ATLANTIC BEACH BR EXT	40	35	49	73	44	16	24" DIA	BANNISTER CREEK (N)
6	ROC-516	20' W/O SEAGIRT - ATLANTIC BEACH BR EXT	40	35	50	73	44	18	6" DIA	BANNISTER CREEK (N)
7	ROC-101	30' W/O SEAGIRT - ATLANTIC BEACH BR EXT	40	35	51	73	44	18	18" DIA	BANNISTER CREEK (N)
8	ROC-601	BEACH 5TH STREET	40	35	46	73	44	26	42" DIA	BANNISTER CREEK (S)
9	ROC-142	BEACH 5TH STREET	40	35	46	73	44	26	42" DIA	BANNISTER CREEK (S)
10	ROC-517	BEACH 5TH STREET	40	35	46	73	44	26	6" DIA	BANNISTER CREEK (S)
11	ROC-518	BEACH 5TH STREET	40	35	46	73	44	26	6" DIA	BANNISTER CREEK (S)
12	ROC-812	50' E/O ATLANTIC BEACH BRIDGE	40	35	51	73	44	17	18" DIA	BANNISTER CREEK (S)
13	ROC-813	ATLANTIC BEACH BRIDGE (WEST SIDE)	40	35	51	73	44	17	18" DIA	BANNISTER CREEK (S)
14	ROC-814	ATLANTIC BEACH BRIDGE (EAST SIDE)	40	35	51	73	44	17	18" DIA	BANNISTER CREEK (S)
15	ROC-102	350' W/O MARINE PARKWAY BRIDGE	40	34	5	73	53	2	18" DIA	ROCKAWAY INLET (S)
16	ROC-103	250' E/O MARINE PARKWAY BRIDGE	40	34	8	73	52	52	12" DIA	ROCKAWAY INLET (S)
17	ROC-104	300' E/O MARINE PARKWAY BRIDGE	40	34	7	73	52	51	12" DIA	ROCKAWAY INLET (S)
18	ROC-105	315' E/O MARINE PARKWAY BRIDGE	40	34	7	73	52	51	12" DIA	ROCKAWAY INLET (S)
19	ROC-106	765' E/O MARINE PARKWAY BRIDGE	40	34	7	73	52	46	12" DIA	ROCKAWAY INLET (S)
20	ROC-107	2900' E/O MARINE PARKWAY BRIDGE	40	34	17	73	52	21	12" DIA	ROCKAWAY INLET (S)
21	ROC-108	3100' E/O MARINE PARKWAY BRIDGE	40	34	18	73	52	19	12" DIA	ROCKAWAY INLET (S)
22	ROC-109	3300' E/O MARINE PARKWAY BRIDGE	40	34	19	73	52	16	12" DIA	ROCKAWAY INLET (S)
23	ROC-110	3560' E/O MARINE PARKWAY BRIDGE	40	34	20	73	52	13	12" DIA	ROCKAWAY INLET (S)
24	ROC-111	3710' E/O MARINE PARKWAY BRIDGE	40	34	21	73	52	12	12" DIA	ROCKAWAY INLET (S)
25	ROC-112	3860' E/O MARINE PARKWAY BRIDGE	40	34	22	73	52	11	18" DIA	ROCKAWAY INLET (S)
26	ROC-113	4010' E/O MARINE PARKWAY BRIDGE	40	34	22	73	52	9	12" DIA	ROCKAWAY INLET (S)
27	ROC-114	4160' E/O MARINE PARKWAY BRIDGE	40	34	23	73	52	7	12" DIA	ROCKAWAY INLET (S)
28	ROC-610	BEACH 147TH STREET	40	34	29	73	51	56	48" DIA	ROCKAWAY INLET (S)
29	ROC-614	BEACH 145TH STREET	40	34	32	73	51	50	48" DIA	ROCKAWAY INLET (S)
30	ROC-815	100' W/O BEACH 141ST STREET	40	34	38	73	51	39	24" DIA	ROCKAWAY INLET (S)
31	ROC-617	BEACH 141ST STREET	40	34	38	73	51	38	48" DIA	ROCKAWAY INLET (S)
32	ROC-016	BAYSWATER AVENUE	40	36	26	73	46	12	60" DIA	NORTON BASIN (E)
33	ROC-519	S/O DUNBAR STREET	40	36	36	73	46	11	6" DIA	NORTON BASIN (E)
34	ROC-504	DUNBAR STREET	40	36	36	73	46	11	6" DIA	NORTON BASIN (E)
35	ROC-520	N/O DUNBAR STREET	40	36	36	73	46	12	6" DIA	NORTON BASIN (E)
36	ROC-509	BEACON PLACE	40	36	41	73	46	19	4" DIA	NORTON BASIN (E)
37	ROC-641	EGMONT PLACE	40	36	44	73	45	54	42" DIA	MOTT BASIN (S)
38	ROC-0005924-002	245' W/O BAYSWATER CHANNEL (LILCO)	40	36	42	73	45	42	15" DIA	MOTT BASIN (S)
39	ROC-0005924-004	240' W/O BAYSWATER CHANNEL (LILCO)	40	36	42	73	45	41	8" DIA	MOTT BASIN (S)
40	ROC-0005924-004A	235' W/O BAYSWATER CHANNEL (LILCO)	40	36	42	73	45	41	8" DIA	MOTT BASIN (S)
41	ROC-510	152' W/O BAYSWATER CHANNEL (LILCO)	40	36	41	73	45	40	4" DIA	MOTT BASIN (S)
42	ROC-0005924-003	150' W/O BAYSWATER CHANNEL (LILCO)	40	36	41	73	45	40	12" DIA	MOTT BASIN (S)
43	ROC-511	120' W/O BAYSWATER CHANNEL (LILCO)	40	36	41	73	45	39	6" DIA	MOTT BASIN (S)
44	ROC-0005924-021	275' S/O MOTT BASIN (LILCO)	40	36	37	73	45	39	6" DIA	BAYSWATER CHANNEL (W)
45	ROC-0005924-023	270' S/O MOTT BASIN (LILCO)	40	36	37	73	45	39	8" DIA	BAYSWATER CHANNEL (W)
46	ROC-0005924-020	260' N/O OVERPASS BRIDGE (LILCO)	40	36	36	73	45	39	6" DIA	BAYSWATER CHANNEL (W)
47	ROC-0005924-006	130' N/O OVERPASS BRIDGE (LILCO)	40	36	35	73	45	40	3" DIA	BAYSWATER CHANNEL (W)
48	ROC-0005924-008	100' N/O OVERPASS BRIDGE (LILCO)	40	36	35	73	45	41	10" DIA	BAYSWATER CHANNEL (W)
49	ROC-515	120' N/O SOUTH END OF CHANNEL (LILCO)	40	36	29	73	45	47	6" DIA	BAYSWATER CHANNEL (W)
50	ROC-143	BAY 24TH STREET	40	36	28	73	45	47	18" DIA	BAYSWATER CHANNEL (W)
51	ROC-521	2' W/O EAST SIDE OF CHANNEL	40	36	28	73	45	47	3" DIA	BAYSWATER CHANNEL (S)

ROCKAWAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	ROC-522	500' S/O OVERPASS BRIDGE	40	36	29	73	45	46	4" DIA	BAYSWATER CHANNEL (E)
53	ROC-523	492' S/O OVERPASS BRIDGE	40	36	29	73	45	46	8" DIA	BAYSWATER CHANNEL (E)
54	ROC-524	490' S/O OVERPASS BRIDGE	40	36	29	73	45	46	8" DIA	BAYSWATER CHANNEL (E)
55	ROC-525	460' S/O OVERPASS BRIDGE	40	36	30	73	45	45	6" DIA	BAYSWATER CHANNEL (E)
56	ROC-526	30' S/O OVERPASS BRIDGE	40	36	34	73	45	42	4" DIA	BAYSWATER CHANNEL (E)
57	ROC-527	15' S/O OVERPASS BRIDGE	40	36	34	73	45	41	6" DIA	BAYSWATER CHANNEL (E)
58	ROC-031	REDFERN AVENUE	40	36	37	73	45	21	11' x 4' 6"	MOTT BASIN (E)
59	ROC-681	BEACH 140TH STREET (REG # D-25)	40	34	40	73	51	35	20" DIA	ROCKAWAY INLET (S)
60	ROC-619	BEACH 139TH STREET	40	34	41	73	51	33	48" DIA	ROCKAWAY INLET (S)
61	ROC-682	BEACH 139TH STREET (REG # D-24)	40	34	41	73	51	33	48" DIA	ROCKAWAY INLET (S)
62	ROC-624	BEACH 136TH STREET	40	34	45	73	51	25	60" DIA	ROCKAWAY INLET (S)
63	ROC-674	BEACH 136TH STREET	40	34	45	73	51	25	60" DIA	ROCKAWAY INLET (S)
64	ROC-115	BEACH 134TH STREET	40	34	48	73	51	19	18" DIA	ROCKAWAY INLET (S)
65	ROC-675	BEACH 134TH STREET	40	34	48	73	51	19	3' x 5'	ROCKAWAY INLET (S)
66	ROC-816	BEACH 133TH STREET	40	34	50	73	51	16	3' x 5'	ROCKAWAY INLET (S)
67	ROC-116	BEACH 132ND STREET	40	34	51	73	51	14	18" DIA	ROCKAWAY INLET (S)
68	ROC-676	BEACH 132ND STREET	40	34	51	73	51	14	54" DIA	ROCKAWAY INLET (S)
69	ROC-817	BEACH 131ST STREET	40	34	53	73	51	11	3' x 5'	ROCKAWAY INLET (S)
70	ROC-625	BEACH 130TH STREET	40	34	54	73	51	8	7'7" X 4'10"	ROCKAWAY INLET (S)
71	ROC-117	BEACH 129TH STREET	40	34	55	73	51	5	18" DIA	ROCKAWAY INLET (S)
72	ROC-118	BEACH 128TH STREET	40	34	56	73	51	2	18" DIA	ROCKAWAY INLET (S)
73	ROC-677	BEACH 128TH STREET (REG # D-20)	40	34	56	73	51	1	36" DIA	ROCKAWAY INLET (S)
74	ROC-671	BEACH 127TH STREET	40	34	56	73	50	58	18" DIA	ROCKAWAY INLET (S)
75	ROC-627	BEACH 126TH STREET	40	34	56	73	50	54	48" DIA	ROCKAWAY INLET (S)
76	ROC-120	BEACH 125TH STREET	40	34	55	73	50	50	18" DIA	BEACH CHANNEL (S)
77	ROC-672	BEACH 125TH STREET	40	34	55	73	50	50	36" DIA	ROCKAWAY INLET
78	ROC-121	BEACH 124TH STREET	40	34	54	73	50	46	18" DIA	BEACH CHANNEL (S)
79	ROC-678	BEACH 124TH STREET	40	34	54	73	50	46	3' X 5'	BEACH CHANNEL (S)
80	ROC-122	BEACH 123RD STREET	40	34	54	73	50	42	18" DIA	BEACH CHANNEL (S)
81	ROC-818	BEACH 123RD STREET	40	34	54	73	50	42	3' x 5'	BEACH CHANNEL (S)
82	ROC-679	BEACH 122ND STREET (REG # D-18)	40	34	54	73	50	39	3' X 5'	BEACH CHANNEL (S)
83	ROC-629	BEACH 121ST STREET	40	34	54	73	50	36	3' x 5'	BEACH CHANNEL (S)
84	ROC-669	BEACH 120TH STREET	40	34	54	73	50	32	24" DIA	BEACH CHANNEL (S)
85	ROC-124	BEACH 120TH STREET	40	34	54	73	50	32	18" DIA	BEACH CHANNEL (S)
86	ROC-630	BEACH 118TH STREET	40	34	55	73	50	25	4' x 5'	BEACH CHANNEL (S)
87	ROC-683	BEACH 117TH STREET (REG # D-17)	40	34	55	73	50	22	18" DIA	ROCKAWAY INLET (S)
88	ROC-801	50' E/O BEACH 116TH STREET	40	34	58	73	50	20	6" DIA	BEACH CHANNEL (S)
89	ROC-802	BEACH 115TH STREET	40	34	58	73	50	16	10" DIA	BEACH CHANNEL (S)
90	ROC-803	BEACH 114TH STREET	40	34	58	73	50	14	10" DIA	BEACH CHANNEL (S)
91	ROC-804	BEACH 113RD STREET	40	34	58	73	50	10	10" DIA	BEACH CHANNEL (S)
92	ROC-126	BEACH 110TH STREET	40	35	1	73	50	1	10" DIA	BEACH CHANNEL (S)
93	ROC-528	BEACH 110TH STREET	40	35	1	73	50	1	6" DIA	BEACH CHANNEL (S)
94	ROC-128	BEACH 109TH STREET	40	35	2	73	49	56	10" DIA	BEACH CHANNEL (S)
95	ROC-680	BEACH 108TH STREET (REG # D-14)	40	35	3	73	49	52	4' X 6'	BEACH CHANNEL (S)
96	ROC-001	FAR ROCKAWAY W.P.C.P OUTFALL	40	35	4	73	49	47	72" DIA	JAMAICA BAY
97	ROC-201	100' W/O BEACH 106TH STREET	40	35	5	73	49	45	8" DIA	BEACH CHANNEL (S)
98	ROC-003	PLANT OUTFALL (FAR ROCKAWAY WPCP)	40	35	5	73	49	44	72" DIA	BEACH CHANNEL (S)
99	ROC-202	BEACH 106TH STREET	40	35	5	73	49	43	18" DIA	BEACH CHANNEL (S)
100	ROC-631	BEACH 106TH STREET	40	35	5	73	49	43	60" DIA	BEACH CHANNEL (S)
101	ROC-029	BEACH 106TH STREET (REG # D-1, 2)	40	35	5	73	49	43	72" DIA	BEACH CHANNEL (S)
102	ROC-632	BEACH 106TH STREET	40	35	6	73	49	42	36" DIA	BEACH CHANNEL (S)

ROCKAWAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	ROC-030	BEACH 104TH STREET (REG # D-12)	40	35	7	73	49	42	12" DIA	BEACH CHANNEL (S)
104	ROC-004	SEASIDE AVENUE (REG # D-11)	40	35	13	73	49	31	12" DIA	BEACH CHANNEL (S)
105	ROC-005	BEACH 102ND STREET (REG # D-10)	40	35	13	73	49	29	12" DIA	BEACH CHANNEL (S)
106	ROC-006	BEACH 101ST STREET (REG # D-9)	40	35	14	73	49	26	8" DIA	BEACH CHANNEL (S)
107	ROC-007	BEACH 100TH STREET (REG # D-8)	40	35	15	73	49	24	10" DIA	BEACH CHANNEL (S)
108	ROC-008	BEACH 99TH STREET (REG # D-7)	40	35	13	73	49	18	12" DIA	BEACH CHANNEL (S)
109	ROC-009	BEACH 98TH STREET (REG # D-6)	40	35	13	73	49	16	12" DIA	BEACH CHANNEL (S)
110	ROC-010	BEACH 97TH STREET (REG # D-5)	40	35	15	73	49	13	12" DIA	BEACH CHANNEL (S)
111	ROC-011	BEACH 96TH STREET (REG # D-4)	40	35	16	73	49	11	12" DIA	BEACH CHANNEL (S)
112	ROC-530	100' E/O BEACH 96TH STREET	40	35	16	73	49	10	8" DIA	BEACH CHANNEL (S)
113	ROC-012	BEACH 94TH STREET (REG # D-3)	40	35	18	73	49	8	10" DIA	BEACH CHANNEL (S)
114	ROC-135	100' E/O BEACH 94TH STREET	40	35	18	73	49	7	10" DIA	BEACH CHANNEL (S)
115	ROC-136	125' E/O BEACH 94TH STREET	40	35	18	73	49	7	18" DIA	BEACH CHANNEL (S)
116	ROC-013	BEACH 93RD STREET (CSO)	40	35	19	73	49	5	12" DIA	BEACH CHANNEL (S)
117	ROC-014	BEACH 91ST STREET (REG # D-2)	40	35	22	73	48	60	12" DIA	BROAD CHANNNEL (S)
118	ROC-655	BEACH 90TH STREET	40	35	23	73	48	57	15" DIA	BROAD CHANNEL (S)
119	ROC-656	BEACH 87TH STREET	40	35	29	73	48	46	18" DIA	BROAD CHANNEL (S)
120	ROC-636	THURSBY AVENUE	40	35	43	73	47	27	DBL 7' X 4'	SOMMERVILLE BASIN (S)
121	ROC-657	BEACH 84TH STREET	40	35	32	73	48	35	11' X 4' 6"	BROAD CHANNEL (S)
122	ROC-819	BEACH 78TH STREET	40	35	29	73	48	18	12" DIA	BARBADOES BASSIN (W)
123	ROC-653	BEACH 77TH STREET	40	35	29	73	48	16	7' 6" X 4' 6"	BARBADOES BASSIN (W)
124	ROC-0200247-001	BEACH 74TH STREET	40	35	33	73	48	9	6" DIA	VERNAM BASSIN (S)
125	ROC-633	BEACH 74TH STREET	40	35	34	73	48	9	12' 6" X 4'	VERNAM BASSIN (E)
126	ROC-635	ELIZABETH AVENUE	40	35	45	73	47	27	42" DIA	SOMMERVILLE BASIN (S)
127	ROC-658	BEACH 72ND STREET	40	35	57	73	48	5	12" DIA	GRASS HASSOCK CHANNEL
128	ROC-649	ALAMEDA AVENUE	40	35	53	73	46	53	66" DIA	CONCH BASIN (S)
129	ROC-659	BEACH 68TH STREET	40	35	58	73	47	52	12" DIA	GRASS HASSOCK CHANNEL
130	ROC-648	BEACH 49TH STREET	40	35	49	73	46	48	8' 6" X 5'	CONCH BASIN (S)
131	ROC-650	BEACH 49TH STREET	40	35	49	73	46	48	18" DIA	CONCH BASIN
132	ROC-660	DWIGHT AVENUE	40	35	59	73	46	16	24" DIA	NORTON BASIN
133	ROC-531	BEACH 43RD STREET	40	36	6	73	46	32	6" DIA	CONCH BASIN (S)
134	ROC-661	DUNBAR STREET	40	36	47	73	45	55	12" DIA	MOTT BASIN
135	ROC-532	BEACH 43RD STREET	40	36	6	73	46	32	6" DIA	CONCH BASIN (S)
136	ROC-666	CHURCH ROAD	40	36	20	73	49	5	12" DIA	BROAD CHANNEL
137	ROC-533	BEACH 43RD STREET	40	36	6	73	46	32	4" DIA	CONCH BASIN (S)
138	ROC-667	CHURCH ROAD	40	36	34	73	49	4	18" DIA	BROAD CHANNEL
139	ROC-506	E/O BEACH 43RD STREET	40	36	6	73	46	32	4" DIA	CONCH BASIN (E)
140	ROC-668	EAST 6TH ROAD	40	36	35	73	49	12	12" DIA	JAMAICA BAY
141	ROC-534	S/O NORTH END OF BEACH 43RD STREET	40	36	6	73	46	31	4" DIA	NORTON BASIN (W)
142	ROC-637	BEACH 40TH STREET	40	35	52	73	46	22	7' X 5'	NORTON BASIN (S)
143	ROC-638	BEACH 38TH STREET	40	35	54	73	46	16	54" DIA	NORTON BASIN (S)
144	ROC-640	BEACH 35TH STREET	40	35	52	73	46	5	24" DIA	NORTON BASIN
145	ROC-651	FAR ROCKAWAY BOULEVARED	40	35	53	73	46	5	DBL 12' 9" X 6'	NORTON BASIN (E)
146	ROC-670	FALCON AVENUE	40	35	56	73	46	12	9' 6" X 4'	NORTON BASIN (N)
147	ROC-017	BEACH 3RD STREET	40	35	51	73	44	19	DBL 13' 6" X 5'	BANNISTER CREEK (W)
148	ROC-652	DICKENS STREET	40	36	37	73	45	35	24" DIA	MOTT BASIN (S)
149	ROC-642	CHANDLER STREET	40	36	36	73	45	20	4' x 4'	MOTT BASIN (S)
150	ROC-618	BEACH 140TH STREET	40	34	40	73	51	35	18" DIA	ROCKAWAY INLET (S)
151	ROC-634	ELIZABETH AVENUE	40	35	43	73	48	12	24" DIA	VERNAM BASIN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MEEHAN AV
JARVIS AV
READS LA
BCH 6 ST
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ROC-814
ROC-017
ROC-813
ROC-101
ROC-516
ROC-809
ROC-808
ROC-807
CORONADO CT
ROC-142
ROC-601
SEAGIRT AV
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BCH 5 ST
BCH 4 ST
BCH 3 ST
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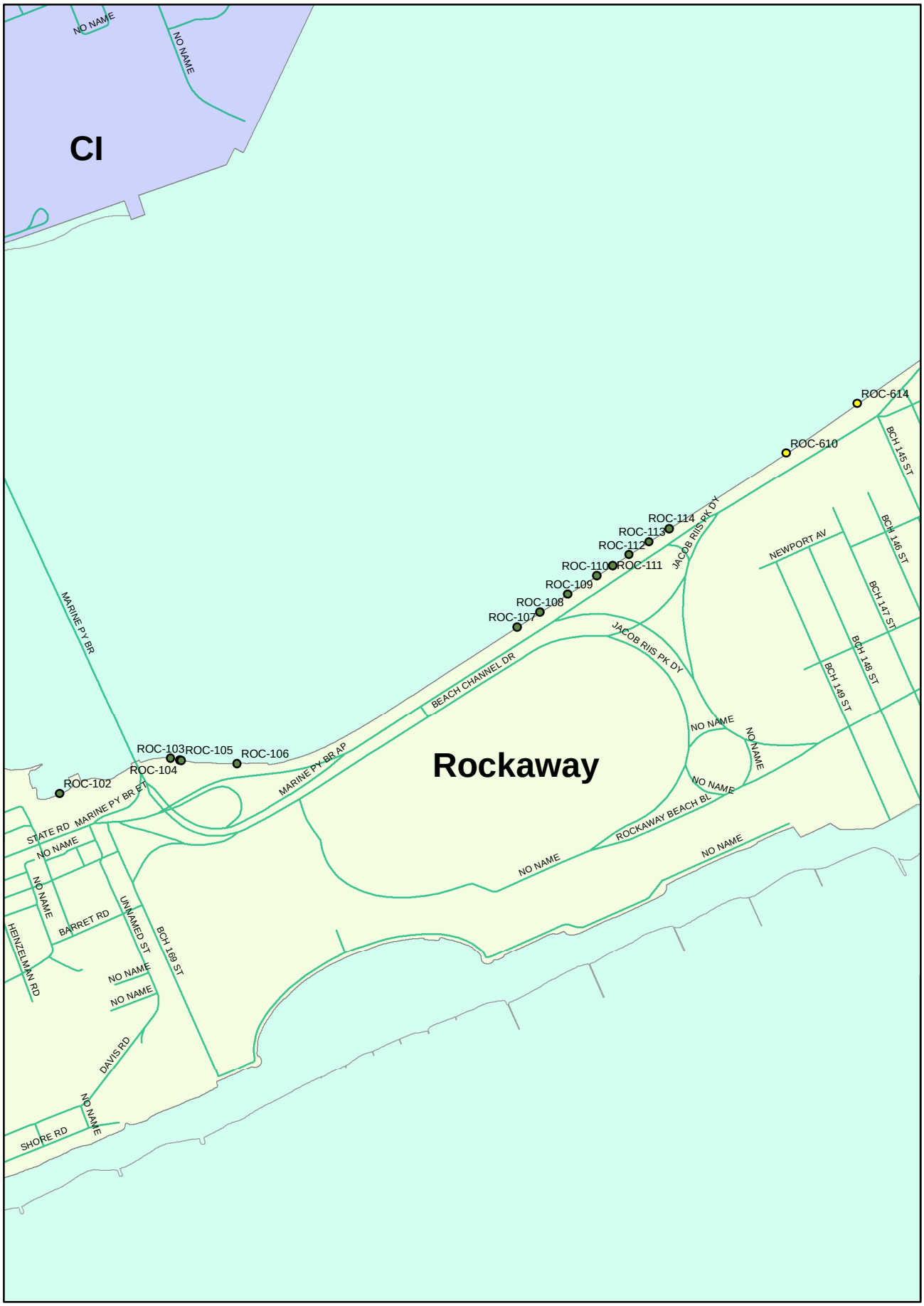
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ROC-108
ROC-107
ROC-106
ROC-105
ROC-104
ROC-103
ROC-102
BCH 145 ST
BCH 146 ST
BCH 147 ST
BCH 148 ST
BCH 149 ST
NEWPORT AV
JACOB RIIS PK DY
BEACH CHANNEL DR
MARINE PY BR
MARINE PY BR AP
MARINE PY BR EL
STATE RD
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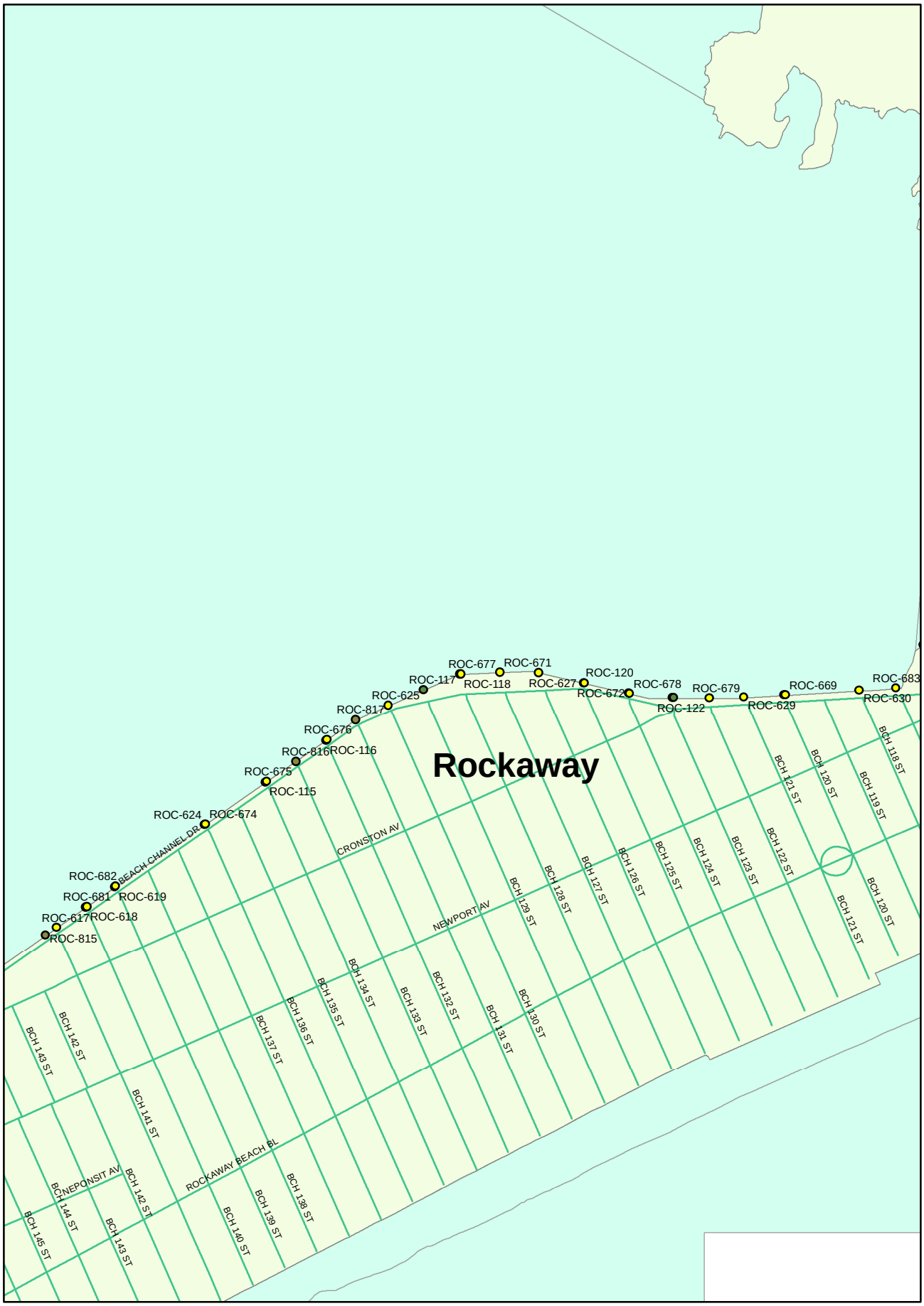
BARRET RD
HEINZELMAN RD
UNNAMED ST
BCH 169 ST
DAVIS RD
SHORE RD
ROCKAWAY BEACH BL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ROC-117
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ROC-627
ROC-120
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ROC-669
ROC-683
ROC-630
ROC-817
ROC-122
ROC-629
ROC-676
ROC-816
ROC-116
ROC-675
ROC-115
ROC-624
ROC-674
ROC-682
ROC-681
ROC-619
ROC-617
ROC-618
ROC-815
BEACH CHANNEL DR
CRONSTON AV
NEWPORT AV
NEPONSIT AV
ROCKAWAY BEACH BL
BCH 118 ST
BCH 119 ST
BCH 120 ST
BCH 121 ST
BCH 122 ST
BCH 123 ST
BCH 124 ST
BCH 125 ST
BCH 126 ST
BCH 127 ST
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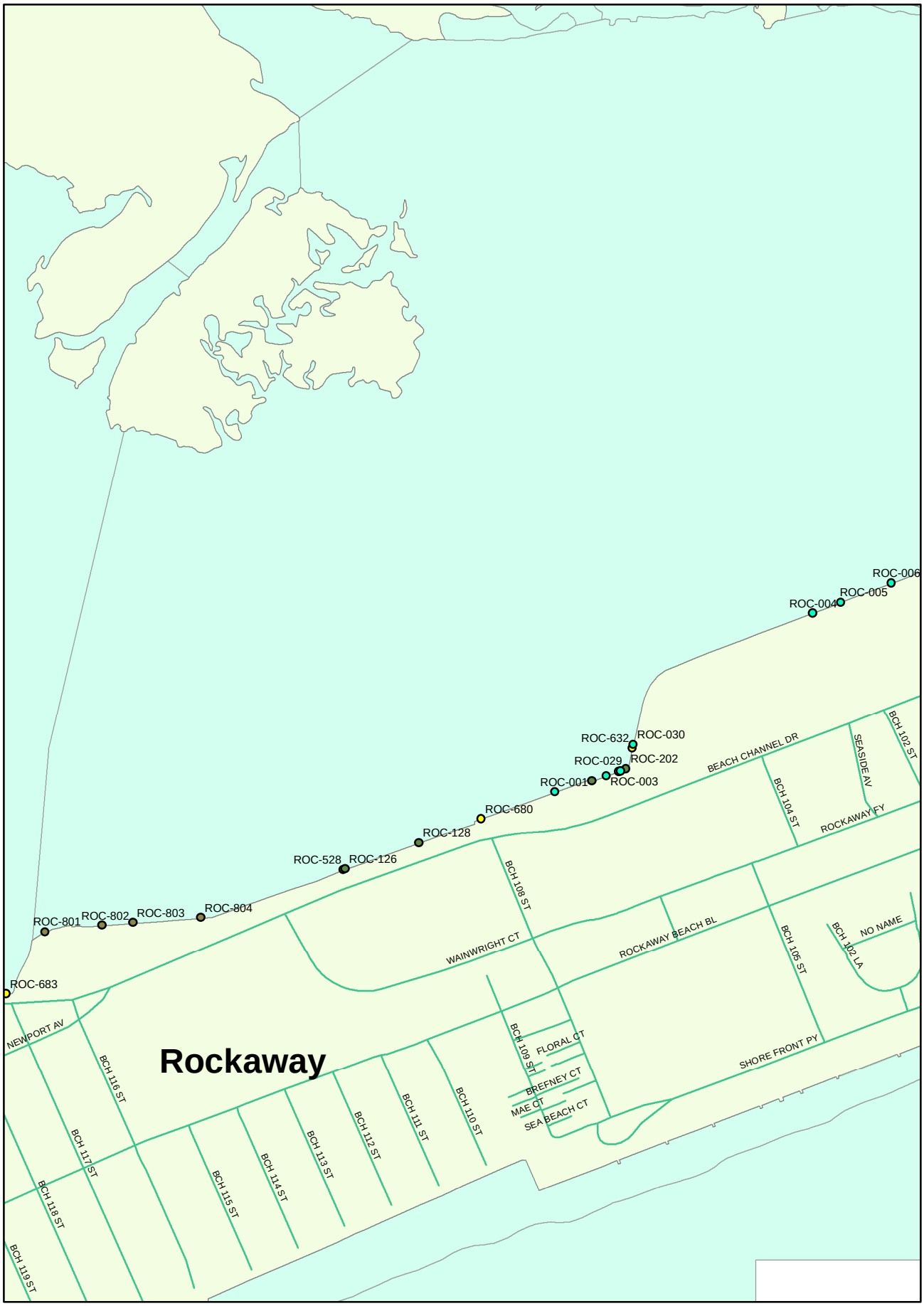
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ROC-632
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ROC-528
ROC-126
ROC-801
ROC-802
ROC-803
ROC-804
ROC-683
BEACH CHANNEL DR
SEASIDE AV
BCH 102 ST
BCH 104 ST
ROCKAWAY FY
BCH 108 ST
WAINWRIGHT CT
ROCKAWAY BEACH BL
BCH 105 ST
BCH 102 LA
NO NAME
NEWPORT AV
Rockaway
BCH 116 ST
BCH 109 ST
FLORAL CT
BREFNEY CT
MAE CT
SEA BEACH CT
SHORE FRONT PY
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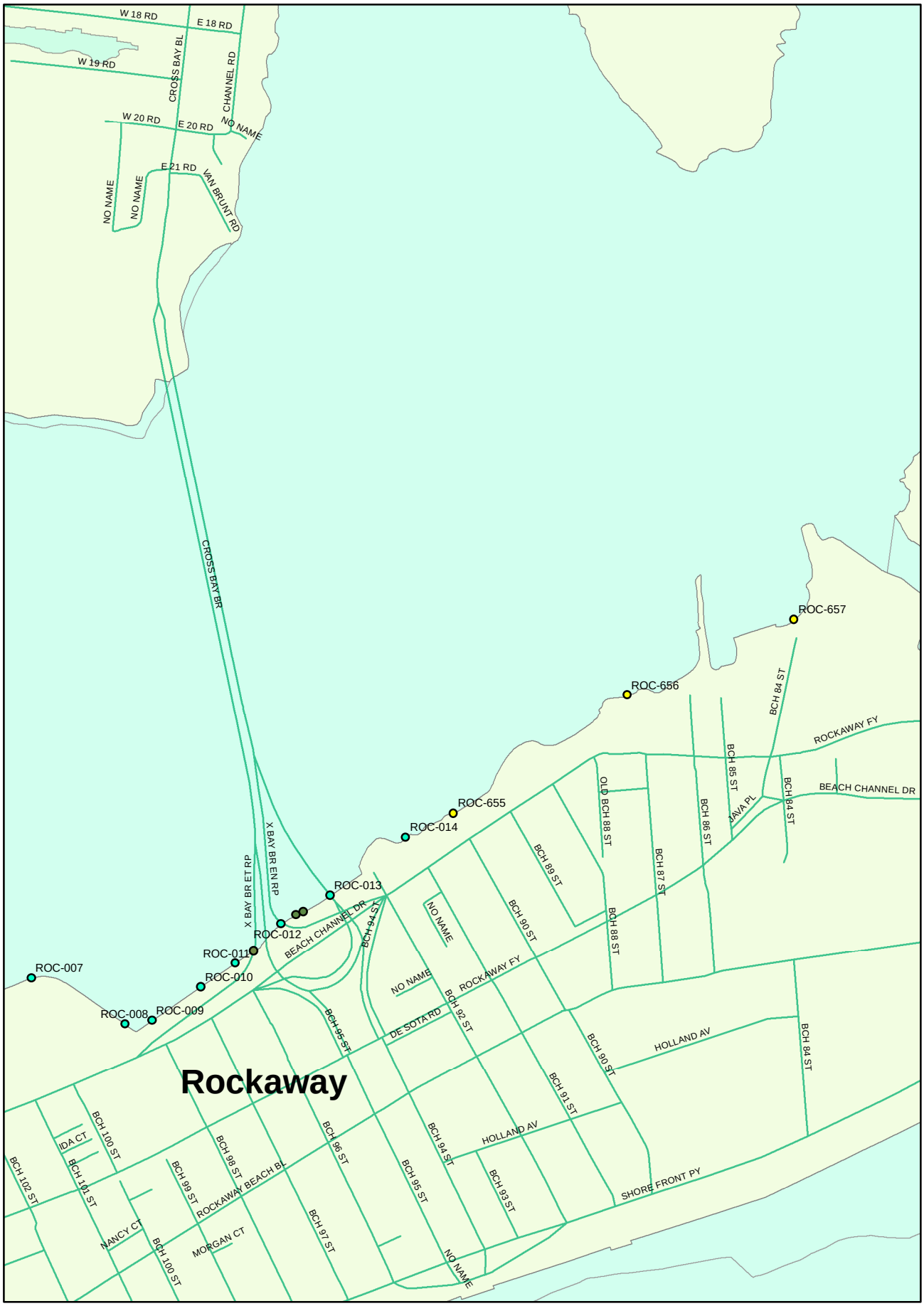
BCH 110 ST
BCH 112 ST
BCH 113 ST
BCH 114 ST
BCH 115 ST
BCH 117 ST
BCH 118 ST
BCH 119 ST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E 18 RD
W 19 RD
CROSS BAY BL
CHANNEL RD
W 20 RD
E 20 RD
NO NAME
E 21 RD
VAN BRUNT RD
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NO NAME
CROSS BAY BR
ROC-657
ROC-656
BCH 84 ST
ROCKAWAY FY
BCH 85 ST
BEACH CHANNEL DR
BCH 84 ST
JAVA PL
ROC-655
ROC-014
OLD BCH 88 ST
BCH 86 ST
BCH 87 ST
BCH 89 ST
X BAY BR ET RP
X BAY BR EN RP
ROC-013
BEACH CHANNEL DR
BCH 94 ST
NO NAME
BCH 90 ST
BCH 88 ST
ROC-012
ROC-011
ROC-007
ROC-010
NO NAME
ROCKAWAY FY
ROC-008
ROC-009
BCH 95 ST
DE SOTA RD
BCH 92 ST
HOLLAND AV
BCH 84 ST
BCH 90 ST
Rockaway
BCH 91 ST
BCH 100 ST
IDA CT
BCH 96 ST
BCH 94 ST
HOLLAND AV
BCH 102 ST
BCH 101 ST
BCH 99 ST
BCH 98 ST
ROCKAWAY BEACH BL
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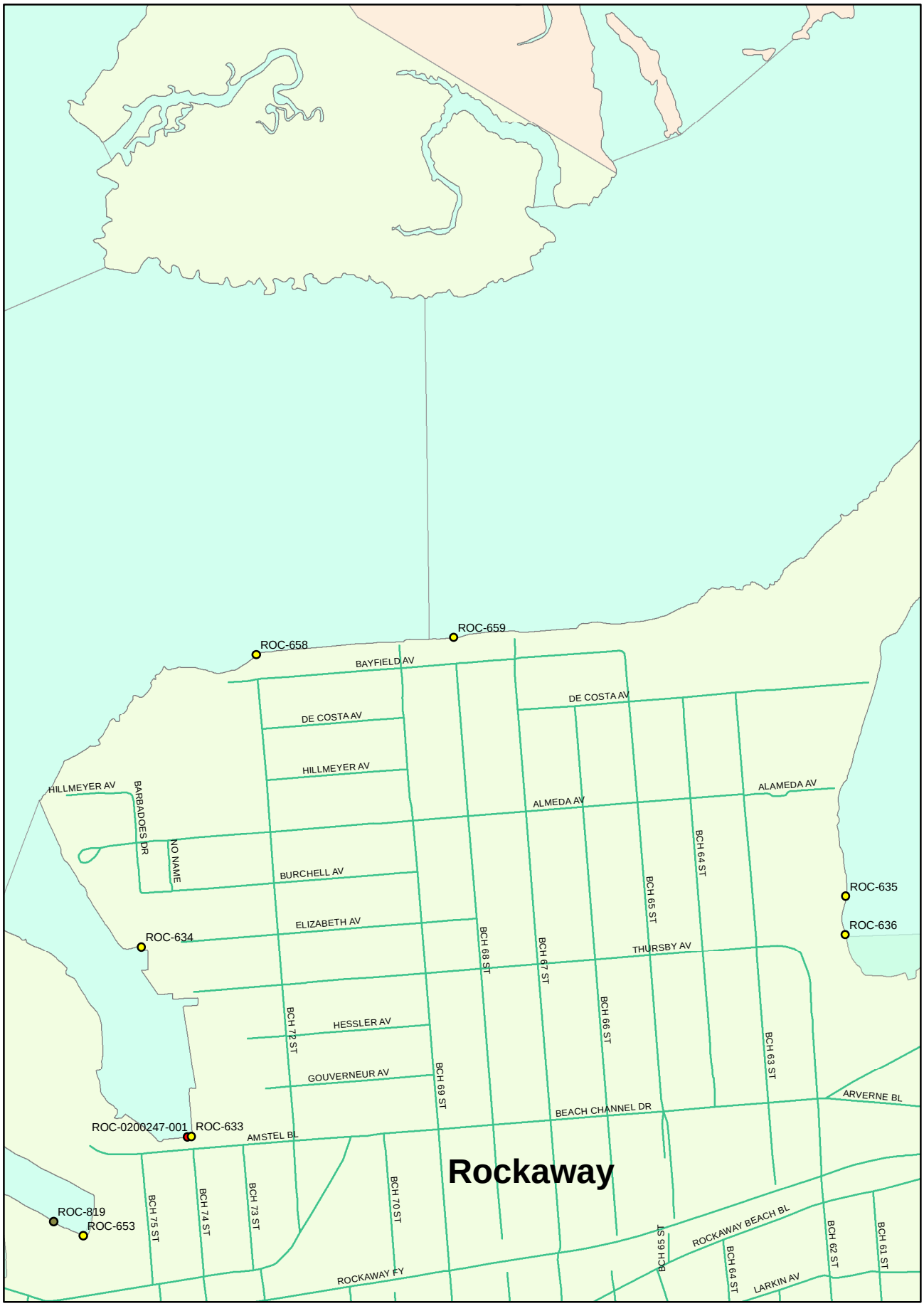
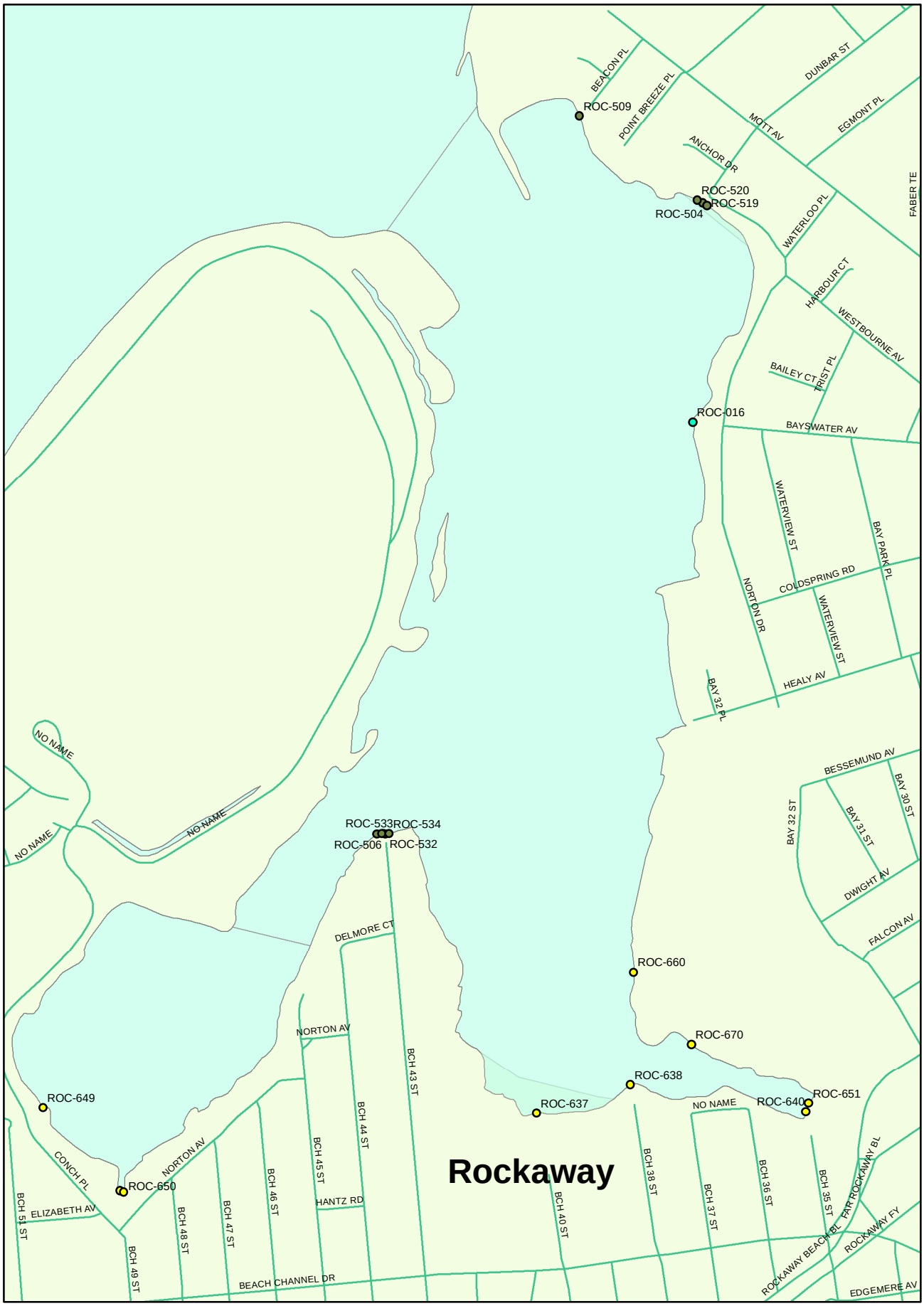
BCH 93 ST
SHORE FRONT PY
NANCY CT
BCH 100 ST
MORGAN CT
BCH 97 ST
NO NAME


ROC-658
ROC-659
BAYFIELD AV
DE COSTA AV
DE COSTA AV
HILLMEYER AV
HILLMEYER AV
BARBADOES DR
NO NAME
ALMEDA AV
ALAMEDA AV
BURCHELL AV
ELIZABETH AV
ROC-634
ROC-635
ROC-636
THURSBY AV
BCH 64 ST
BCH 65 ST
BCH 68 ST
BCH 67 ST
BCH 66 ST
BCH 63 ST
BCH 72 ST
HESSLER AV
GOUVERNEUR AV
BCH 69 ST
ARVERNE BL
BEACH CHANNEL DR
ROC-0200247-001
ROC-633
AMSTEL BL
Rockaway
ROC-819
ROC-653
BCH 75 ST
BCH 74 ST
BCH 73 ST
BCH 70 ST
BCH 59 ST
ROCKAWAY BEACH BL
BCH 64 ST
BCH 62 ST
BCH 61 ST
ROCKAWAY FY
LARKIN AV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ROC-520
ROC-519
ROC-504
ROC-016
ROC-533
ROC-534
ROC-506
ROC-532
ROC-660
ROC-670
ROC-638
ROC-637
ROC-640
ROC-651
ROC-649
ROC-650
BEACON PL
POINT BREEZE PL
DUNBAR ST
MOTT AV
EGMONT PL
ANCHOR DR
WATERLOO PL
FABER TE
HARBOUR CT
WESTBOURNE AV
BAILEY CT
TRIST PL
BAYSWATER AV
WATERVIEW ST
BAY PARK PL
COLDSPRING RD
NORTON DR
WATERVIEW ST
HEALY AV
BAY 32 PL
BESSEMUND AV
BAY 30 ST
BAY 32 ST
BAY 31 ST
DWIGHT AV
FALCON AV
NO NAME
NO NAME
NO NAME
DELMORE CT
NORTON AV
BCH 43 ST
BCH 44 ST
BCH 45 ST
BCH 46 ST
BCH 47 ST
BCH 48 ST
BCH 49 ST
BCH 51 ST
CONCH PL
ELIZABETH AV
NORTON AV
HANTZ RD
BCH 40 ST
BCH 38 ST
BCH 37 ST
BCH 36 ST
BCH 35 ST
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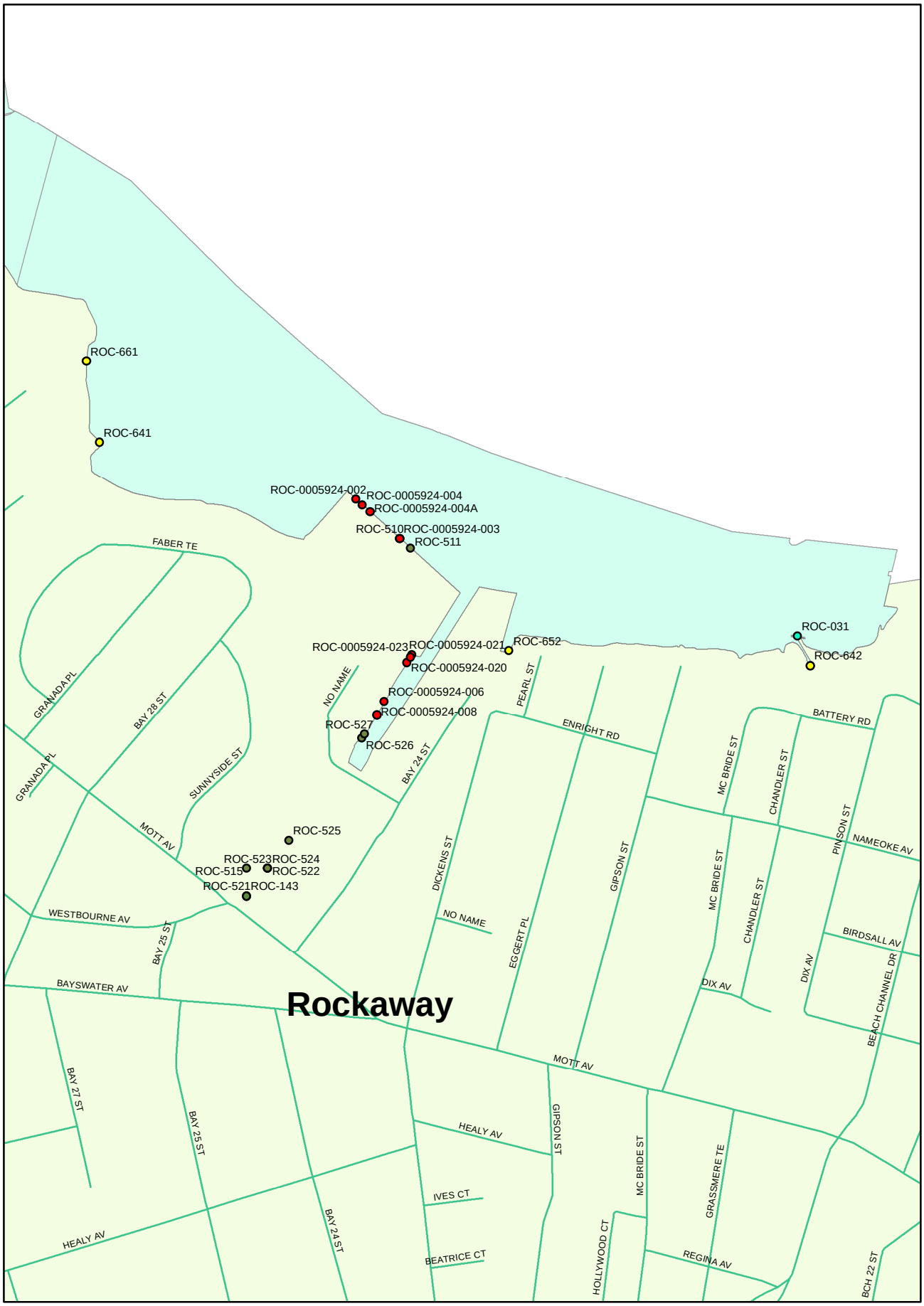
FAR ROCKAWAY BL
ROCKAWAY FY
ROCKAWAY BEACH BL
BEACH CHANNEL DR
EDGEMERE AV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ROC-511
FABER TE
ROC-031
ROC-642
ROC-0005924-023
ROC-0005924-021
ROC-652
ROC-0005924-020
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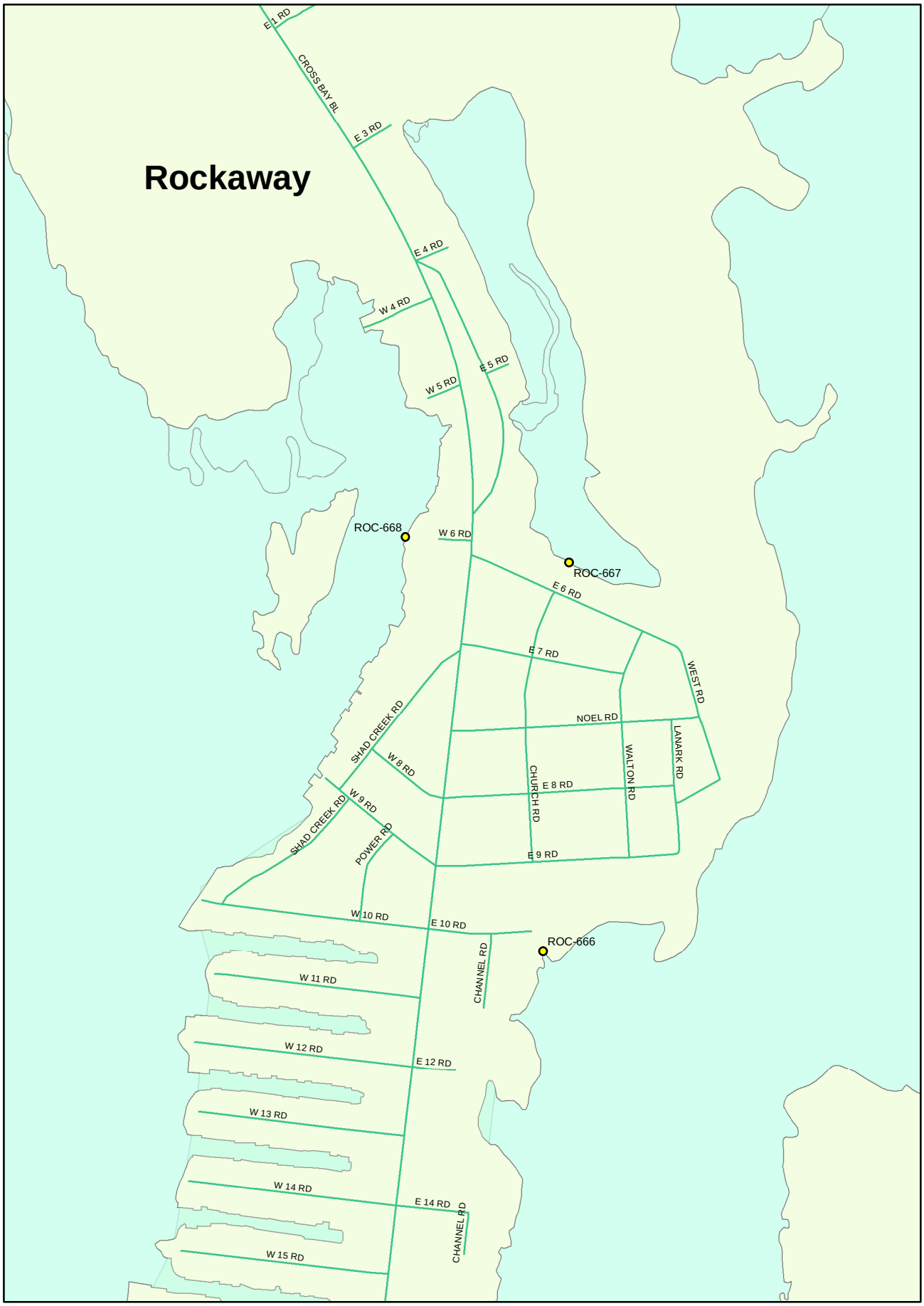
PEARL ST
ROC-0005924-006
ROC-0005924-008
ROC-527
ROC-526
BAY 24 ST
ENRIGHT RD
BATTERY RD
GRANADA PL
BAY 28 ST
SUNNYSIDE ST
MC BRIDE ST
CHANDLER ST
PINSON ST
NAMEOKE AV
MOTT AV
ROC-525
ROC-523
ROC-524
ROC-515
ROC-522
ROC-521
ROC-143
DICKENS ST
GIPSON ST
WESTBOURNE AV
BAY 25 ST
EGGERT PL
BIRDSALL AV
DIX AV
BEACH CHANNEL DR
BAYSWATER AV
Rockaway
BAY 27 ST
HEALY AV
IVES CT
BEATRICE CT
HOLLYWOOD CT
GRASSMERE TE
REGINA AV
BCH 22 ST

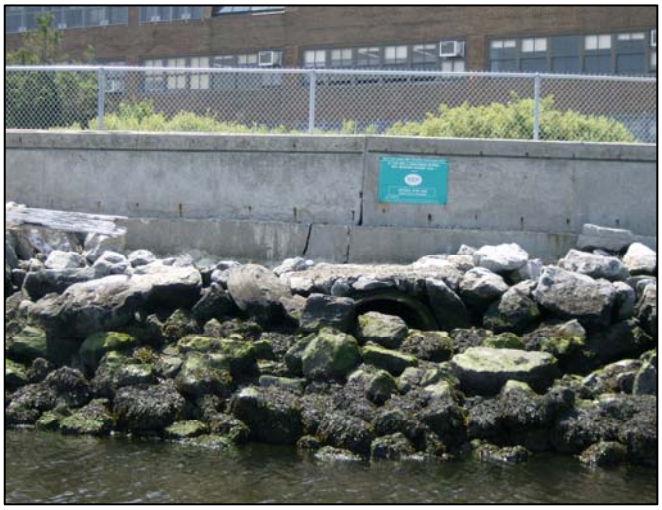

Rockaway
E 1 RD
CROSS BAY BL
E 3 RD
E 4 RD
W 4 RD
E 5 RD
W 5 RD
ROC-668
W 6 RD
ROC-667
E 6 RD
E 7 RD
WEST RD
NOEL RD
SHAD CREEK RD
W 8 RD
LANARK RD
WALTON RD
CHURCH RD
E 8 RD
W 9 RD
SHAD CREEK RD
POWER RD
E 9 RD
W 10 RD
E 10 RD
ROC-666
CHANNEL RD
W 11 RD
W 12 RD
E 12 RD
W 13 RD
W 14 RD
E 14 RD
CHANNEL RD
W 15 RD

Outfall ID: ROC-003
Location: PLANT OUTFALL (JAMAICA WPCP)
Latitude: 40° 35' 5"
Longitude: 73° 49' 44"
Outfall Size: 72" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-004
Location: SEASIDE AVENUE (REG # D-11)
Latitude: 40° 35' 13"
Longitude: 73° 49' 31"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

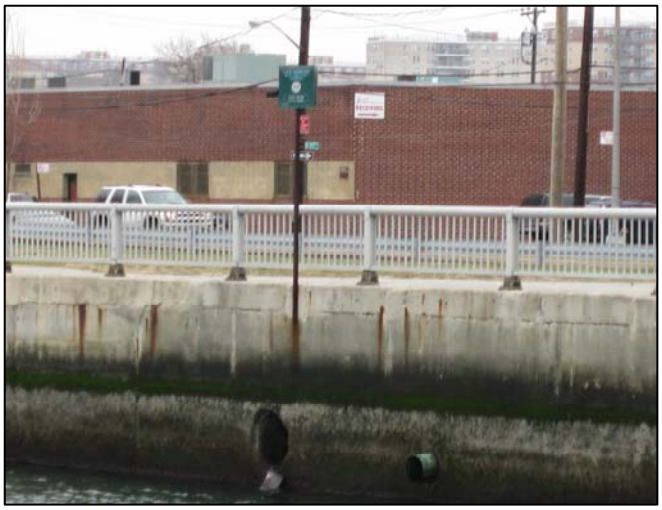
Outfall ID: ROC-005
Location: BEACH 102ND STREET (REG # D-10)
Latitude: 40° 35' 13"
Longitude: 73° 49' 29"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-006
Location: BEACH 101ST STREET (REG # D-9)
Latitude: 40° 35' 14"
Longitude: 73° 49' 26"
Outfall Size: 8" DIA
Receiving Water: BEACH CHANNEL (S)



Outfall ID: ROC-007
Location: BEACH 100TH STREET (REG # D-8)
Latitude: 40° 35' 15"
Longitude: 73° 49' 24"
Outfall Size: 10" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-008
Location: BEACH 99TH STREET (REG # D-7)
Latitude: 40° 35' 13"
Longitude: 73° 49' 18"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)



Outfall ID: ROC-009
Location: BEACH 98TH STREET (REG # D-6)
Latitude: 40° 35' 13"
Longitude: 73° 49' 16"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-010
Location: BEACH 97TH STREET (REG # D-5)
Latitude: 40° 35' 15"
Longitude: 73° 49' 13"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-011
Location: BEACH 96TH STREET (REG # D-4)
Latitude: 40° 35' 16"
Longitude: 73° 49' 11"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-012
Location: BEACH 94TH STREET (REG # D-3)
Latitude: 40° 35' 18"
Longitude: 73° 49' 8"
Outfall Size: 10" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-013
Location: BEACH 93RD STREET
Latitude: 40° 35' 19"
Longitude: 73° 49' 5"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-014
Location: BEACH 91ST STREET (REG # D-2)
Latitude: 40° 35' 22"
Longitude: 73° 48' 60"
Outfall Size: 12" DIA
Receiving Water: BROAD CHANNNEL (S)

Outfall ID: ROC-016
Location: BAYSWATER AVENUE
Latitude: 40° 36' 26"
Longitude: 73° 46' 12"
Outfall Size: 60" DIA
Receiving Water: NORTON BASIN (E)

Outfall ID: ROC-017
Location: BEACH 3RD STREET
Latitude: 40° 35' 51"
Longitude: 73° 44' 19"
Outfall Size: DBL 13' 6" X 5'
Receiving Water: BANNISTER CREEK (W)

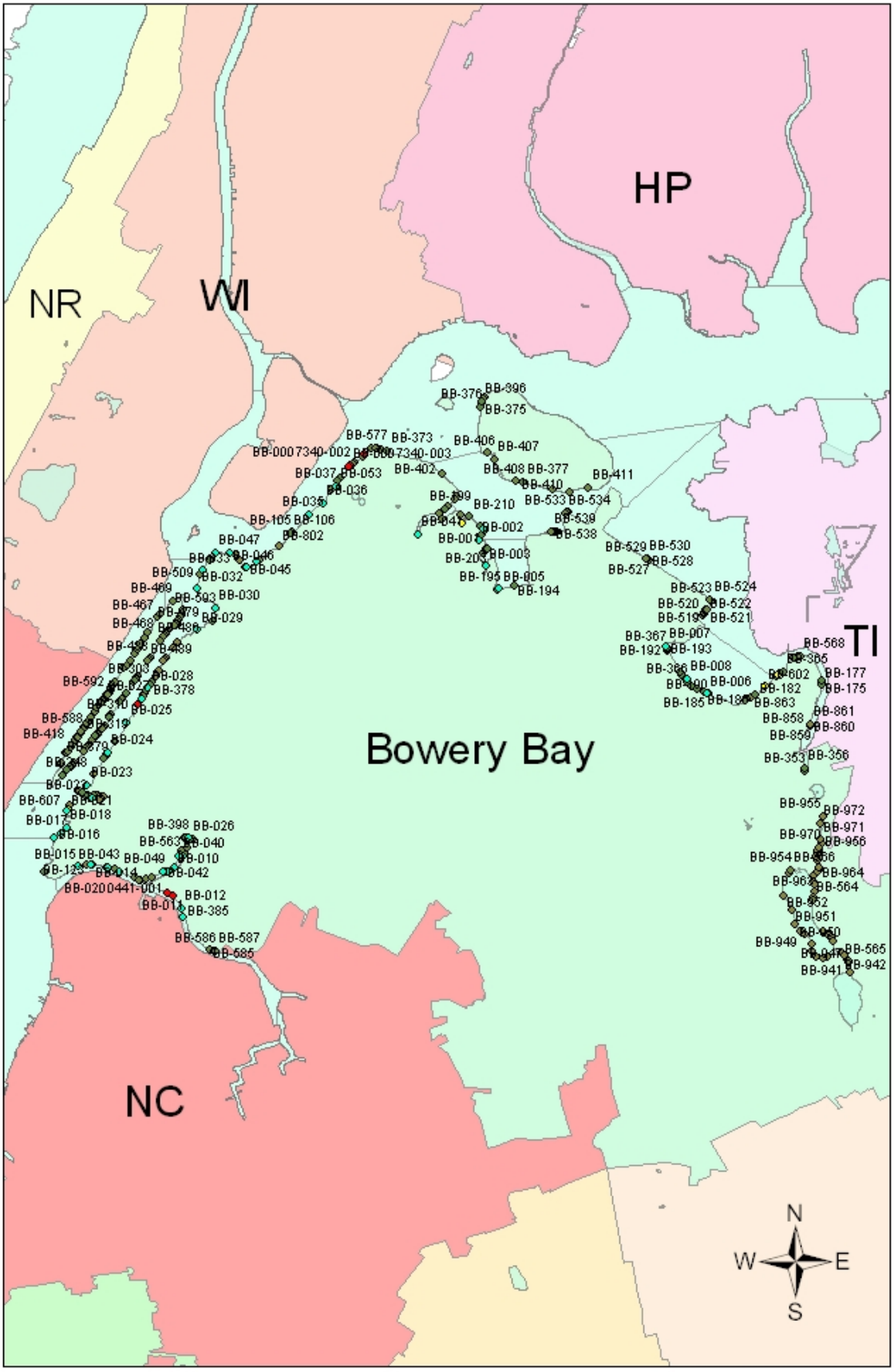
Outfall ID: ROC-029
Location: BEACH 106TH STREET (REG # D-1, 2)
Latitude: 40° 35' 5"
Longitude: 73° 49' 43"
Outfall Size: 72" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-030
Location: BEACH 104TH STREET (REG # D-12)
Latitude: 40° 35' 7"
Longitude: 73° 49' 42"
Outfall Size: 12" DIA
Receiving Water: BEACH CHANNEL (S)

Outfall ID: ROC-031
Location: REDFERN AVENUE
Latitude: 40° 36' 37"
Longitude: 73° 45' 21"
Outfall Size: 11' x 4' 6"
Receiving Water: MOTT BASIN (E)

Outfall ID: ROC-001
Location: FAR ROCKAWAY W.P.C.P OUTFALL
Latitude: 40° 35' 4"
Longitude: 73° 49' 47"
Outfall Size: 72" DIA
Receiving Water: JAMAICA BAY

BOWERY BAY DRAINAGE AREA



BOWERY BAY SURVEY REPORT

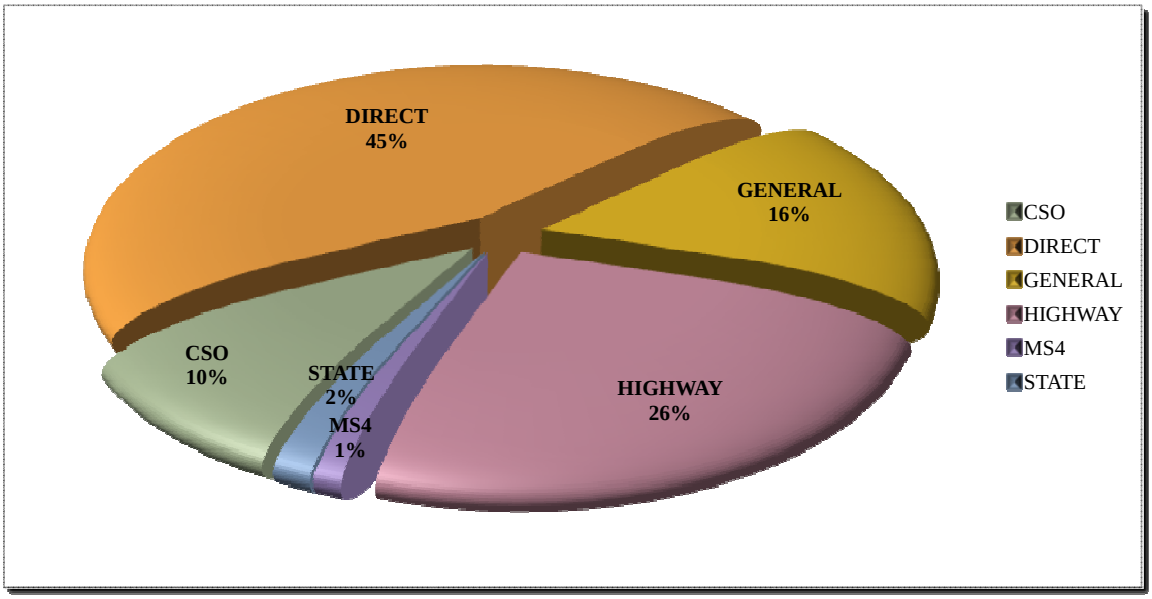
The survey of the entire drainage area of Bowery Bay, 33.03 miles of shoreline, resulted in the identification of 442 outfalls. The outfalls consist of 43 combined sewer overflow outfalls, 115 highway outfalls, 73 general outfalls, 199 direct discharge outfalls, 5 storm outfalls and 7 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Bowery Bay Water Pollution Control Plant receives sewer flow from the northwest section of Queens, all of Roosevelt Island and the southern part of Rikers Island. The entire drainage area was inspected by boat and inflatable rafts with the exception of the south west end of Flushing River including Fresh Meadows Park, which had to be surveyed by land due to marshy area and shallow waters.

The survey began at the Con Edison plant in Astoria and proceeded down south in the East River, covering the shoreline of Roosevelt Island along the east channel. Survey progressed along the north side of Newtown Creek, into the Dutch Kills, and out into the Newtown Creek and Varick Avenue. Eventually, returning back into the East River, and into the west channel to survey the west side of Roosevelt Island.

On the north side, the survey started from Willow Lake in Flushing Meadows, Corona Park, and proceeded north through the park and into Flushing River into the southwest end of Flushing River. Then the survey progressed north into Flushing Bay, going around LaGuardia Airport into the Bowery Bay covering the south side of Rikers Island. Eventually, proceeded into Steinway Creek, and completing the survey in the East River by Con Edison plant in Astoria.

Percentile representation of Bowery Bay outfalls



BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	BB-955	50' S/O CULVERT TO FOUNTAIN	40	44	44	73	50	14	10" DIA	MEADOW LAKE CREEK (E)
2	BB-956	25' S/O COLLEGE POINT BLVD EXIT RAMP	40	44	33	73	50	15	12" DIA	MEADOW LAKE CREEK (E)
3	BB-957	100' S/O VAN WYCK EXPWY EXIT RAMP	40	44	29	73	50	16	18" DIA	MEADOW LAKE CREEK (E)
4	BB-958	200' S/O VAN WYCK EXPWY EXIT RAMP	40	44	28	73	50	16	18" DIA	MEADOW LAKE CREEK (E)
5	BB-959	225' S/O VAN WYCK EXPWY EXIT RAMP	40	44	28	73	50	16	18" DIA	MEADOW LAKE CREEK (E)
6	BB-960	300' S/O VAN WYCK EXPWY EXIT RAMP	40	44	27	73	50	16	24" DIA	MEADOW LAKE CREEK (E)
7	BB-961	400' S/O VAN WYCK EXPWY EXIT RAMP	40	44	26	73	50	16	18" DIA	MEADOW LAKE CREEK (E)
8	BB-962	100' N/O SOUTH PARK OVERPASS	40	44	21	73	50	16	18" DIA	MEADOW LAKE CREEK (E)
9	BB-963	50' N/O SOUTH PARK OVERPASS	40	44	20	73	50	17	18" DIA	MEADOW LAKE CREEK (E)
10	BB-922	160' S/O SOUTH PARK OVERPASS	40	44	18	73	50	19	10" DIA	MEADOW LAKE (E)
11	BB-923	395' N/O SOUTH PARK OVERPASS	40	44	15	73	50	20	10" DIA	MEADOW LAKE (E)
12	BB-924	570' N/O BOAT HOUSE NORTH FENCE	40	44	14	73	50	19	10" DIA	MEADOW LAKE (E)
13	BB-925	225' N/O BOAT HOUSE NORTH FENCE	40	44	11	73	50	19	10" DIA	MEADOW LAKE (E)
14	BB-926	90' N/O BOAT HOUSE NORTH FENCE	40	44	9	73	50	19	10" DIA	MEADOW LAKE (E)
15	BB-927	15' N/O BOAT HOUSE NORTH FENCE	40	44	8	73	50	20	10" DIA	MEADOW LAKE (E)
16	BB-564	4' N/O BOAT HOUSE NORTH FENCE	40	44	7	73	50	20	4" DIA	MEADOW LAKE (E)
17	BB-928	1080' N/O SOUTH BRIDGE	40	43	53	73	50	14	10" DIA	MEADOW LAKE (E)
18	BB-929	875' N/O SOUTH BRIDGE	40	43	52	73	50	11	10" DIA	MEADOW LAKE (E)
19	BB-930	850' N/O SOUTH BRIDGE	40	43	52	73	50	11	18" DIA	MEADOW LAKE (E)
20	BB-931	770' N/O SOUTH BRIDGE	40	43	51	73	50	9	10" DIA	MEADOW LAKE (E)
21	BB-932	600' N/O SOUTH BRIDGE	40	43	49	73	50	8	10" DIA	MEADOW LAKE (E)
22	BB-933	590' N/O SOUTH BRIDGE	40	43	49	73	50	8	12" DIA	MEADOW LAKE (E)
23	BB-934	20' N/O SOUTH BRIDGE	40	43	44	73	50	3	24" DIA	MEADOW LAKE (E)
24	BB-935	50' N/O 69TH ROAD	40	43	41	73	49	60	8" DIA	WILLOW CREEK (E)
25	BB-565	5' N/O 69TH ROAD	40	43	40	73	49	59	6" DIA	WILLOW CREEK (E)
26	BB-936	69TH ROAD (N)	40	43	40	73	49	59	8" DIA	WILLOW CREEK (E)
27	BB-937	69TH ROAD	40	43	40	73	49	59	8" DIA	WILLOW CREEK (E)
28	BB-938	69TH ROAD (S)	40	43	40	73	49	59	8" DIA	WILLOW CREEK (E)
29	BB-939	400' S/O 69TH ROAD	40	43	36	73	49	59	24" DIA	WILLOW LAKE (E)
30	BB-940	15' S/O 69TH ROAD	40	43	40	73	49	59	10" DIA	WILLOW CREEK (E)
31	BB-941	15' N/O 69TH ROAD	40	43	40	73	49	59	24" DIA	WILLOW CREEK (E)
32	BB-942	100' S/O SOUTH BRIDGE	40	43	43	73	50	1	12" DIA	WILLOW CREEK (E)
33	BB-943	400' NW/O SOUTH BRIDGE	40	43	43	73	50	12	10" DIA	MEADOW LAKE (W)
34	BB-944	560' NW/O SOUTH BRIDGE	40	43	42	73	50	14	10" DIA	MEADOW LAKE (W)
35	BB-945	870' S/O WEST PARKING FIELD	40	43	43	73	50	18	10" DIA	MEADOW LAKE (W)
36	BB-946	625' S/O WEST PARKING FIELD	40	43	45	73	50	20	36" DIA	MEADOW LAKE (W)
37	BB-947	SOUTH END OF WEST PARKING FIELD	40	43	48	73	50	21	18" DIA	MEADOW LAKE (W)
38	BB-948	150' S/O NORTH END OF WEST PARKING FIELD	40	43	52	73	50	24	10" DIA	MEADOW LAKE (W)
39	BB-949	NORTH END OF WEST PARKING FIELD	40	43	53	73	50	27	10" DIA	MEADOW LAKE (W)
40	BB-950	2775' S/O WORLDS FAIR AMPHITHEATER	40	43	57	73	50	30	10" DIA	MEADOW LAKE (W)
41	BB-951	2015' S/O WORLDS FAIR AMPHITHEATER	40	44	3	73	50	32	10" DIA	MEADOW LAKE (W)
42	BB-952	1330' S/O WORLDS FAIR AMPHITHEATER	40	44	9	73	50	36	10" DIA	MEADOW LAKE (W)
43	BB-953	180' SW/O WORLDS FAIR AMPHITHEATER	40	44	20	73	50	33	48" DIA	MEADOW LAKE (NW)
44	BB-954	125' SW/O WORLDS FAIR AMPHITHEATER	40	44	21	73	50	33	60" DIA	MEADOW LAKE (NW)
45	BB-566	120' SE/O WORLDS FAIR AMPHITHEATER	40	44	21	73	50	33	4" DIA	MEADOW LAKE (NE)
46	BB-964	150' N/O SOUTH PARK OVERPASS	40	44	22	73	50	17	8" DIA	MEADOW LAKE CREEK (W)
47	BB-965	225' S/O VAN WYCK EXPWY EXIT RAMP	40	44	25	73	50	17	8" DIA	MEADOW LAKE CREEK (W)
48	BB-966	75' S/O VAN WYCK EXPWY EXIT RAMP	40	44	27	73	50	17	18" DIA	MEADOW LAKE CREEK (W)
49	BB-967	10' S/O VAN WYCK EXPWY EXIT RAMP	40	44	28	73	50	17	12" DIA	MEADOW LAKE CREEK (W)
50	BB-968	20' N/O VAN WYCK EXPWY EXIT RAMP	40	44	29	73	50	17	12" DIA	MEADOW LAKE CREEK (W)
51	BB-969	23' N/O VAN WYCK EXPWY EXIT RAMP	40	44	29	73	50	17	10" DIA	MEADOW LAKE CREEK (W)

BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	BB-970	50' N/O VAN WYCK EXPWY EXIT RAMP	40	44	30	73	50	16	10" DIA	MEADOW LAKE CREEK (W)
53	BB-971	100' N/O COLLEGE POINT BLVD EXIT RAMP	40	44	34	73	50	15	18" DIA	MEADOW LAKE CREEK (W)
54	BB-972	50' S/O NORTH PARK OVERPASS	40	44	41	73	50	15	6" DIA	MEADOW LAKE CREEK (W)
55	BB-353	46TH AVENUE	40	45	5	73	50	24	24" DIA	FLUSHING RIVER (W)
56	BB-356	100' S/O LONG ISLAND RAILROAD BRIDGE	40	45	6	73	50	24	18" DIA	FLUSHING RIVER (W)
57	BB-857	10' S/O ROOSEVELT AVENUE	40	45	24	73	50	21	10" DIA	FLUSHING RIVER (W)
58	BB-858	5' S/O ROOSEVELT AVENUE	40	45	24	73	50	21	6" DIA	FLUSHING RIVER (W)
59	BB-859	ROOSEVELT AVENUE (SOUTH SIDE)	40	45	25	73	50	21	18" DIA	FLUSHING RIVER (W)
60	BB-860	ROOSEVELT AVENUE (NORTH SIDE)	40	45	25	73	50	21	18" DIA	FLUSHING RIVER (W)
61	BB-861	10' N/O ROOSEVELT AVENUE	40	45	25	73	50	21	10" DIA	FLUSHING RIVER (W)
62	BB-175	15' S/O NORTHERN BOULEVARD	40	45	42	73	50	15	36" DIA	FLUSHING RIVER (W)
63	BB-567	5' S/O NORTHERN BOULEVARD	40	45	43	73	50	15	8" DIA	FLUSHING RIVER (W)
64	BB-862	NORTHERN BOULEVARD	40	45	43	73	50	15	6" DIA	FLUSHING RIVER (W)
65	BB-177	50' N/O NORTHERN BOULEVARD	40	45	44	73	50	14	18" DIA	FLUSHING RIVER (W)
66	BB-568	200' W/O WHITESTONE EXPRESSWAY	40	45	55	73	50	27	6" DIA	FLUSHING RIVER (S)
67	BB-569	300' W/O WHITESTONE EXPRESSWAY	40	45	55	73	50	28	6" DIA	FLUSHING BAY (S)
68	BB-505	400' W/O WHITESTONE EXPRESSWAY	40	45	54	73	50	30	6" DIA	FLUSHING BAY (S)
69	BB-180	75' E/O HARPER STREET	40	45	54	73	50	30	18" DIA	FLUSHING BAY (S)
70	BB-365	127TH PLACE	40	45	48	73	50	37	18" DIA	FLUSHING BAY (S)
71	BB-601	127TH STREET	40	45	47	73	50	39	60" DIA	FLUSHING BAY (SE)
72	BB-181	W/O 127TH STREET	40	45	46	73	50	40	18" DIA	FLUSHING BAY (SE)
73	BB-602	126TH STREET	40	45	42	73	50	47	60" DIA	FLUSHING BAY (SE)
74	BB-182	200' E/O WORLDS FAIR MARINA	40	45	38	73	50	53	36" DIA	FLUSHING BAY (SE)
75	BB-863	50' E/O WORLDS FAIR MARINA	40	45	37	73	50	56	18" DIA	FLUSHING BAY (SE)
76	BB-183	WORLDS FAIR MARINA (WEST SIDE)	40	45	36	73	50	58	DBL 48" DIA	FLUSHING BAY (SE)
77	BB-184	75' W/O WORLDS FAIR MARINA	40	45	35	73	50	59	10" DIA	FLUSHING BAY (SE)
78	BB-185	30' E/O 114TH STREET	40	45	39	73	51	20	24" DIA	FLUSHING BAY (S)
79	BB-006	114TH STREET (REG # 10, 12 & 13)	40	45	39	73	51	21	4 DBL 10' 6" X 9' 3'	FLUSHING BAY (S)
80	BB-186	50' W/O 114TH STREET (REG # 10)	40	45	39	73	51	22	18" DIA	FLUSHING BAY (S)
81	BB-187	20' W/O 112TH PLACE PIER	40	45	40	73	51	26	12" DIA	FLUSHING BAY (SW)
82	BB-188	112TH STREET	40	45	42	73	51	29	12" DIA	FLUSHING BAY (SW)
83	BB-366	150' W/O 110TH STREET PIER	40	45	44	73	51	32	12" DIA	FLUSHING BAY (S)
84	BB-189	20' W/O 110TH STREET PIER	40	45	46	73	51	35	10" DIA	FLUSHING BAY (SW)
85	BB-190	30' W/O 110TH STREET PIER	40	45	47	73	51	35	12" DIA	FLUSHING BAY (SW)
86	BB-008	31ST DRIVE (REG # 6, 7, 8, 9)	40	45	45	73	51	32	DBL 13' 9" X 8'	FLUSHING BAY (SW)
87	BB-191	31ST AVENUE	40	45	48	73	51	36	10" DIA	FLUSHING BAY (SW)
88	BB-192	150' E/O 27TH AVENUE	40	45	57	73	51	43	12" DIA	FLUSHING BAY (SW)
89	BB-193	100' E/O 27TH AVENUE	40	45	58	73	51	44	12" DIA	FLUSHING BAY (SW)
90	BB-367	75' E/O 27TH AVENUE	40	45	58	73	51	44	12" DIA	FLUSHING BAY (S)
91	BB-007	27TH AVENUE (REG # 5)	40	45	59	73	51	45	11' X 7' 6"	FLUSHING BAY (SW)
92	BB-513	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	13	73	51	23	24" DIA	FLUSHING BAY
93	BB-514	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	14	73	51	23	24" DIA	FLUSHING BAY
94	BB-515	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	14	73	51	22	24" DIA	FLUSHING BAY
95	BB-516	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	14	73	51	22	24" DIA	FLUSHING BAY
96	BB-517	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	15	73	51	22	12" DIA	FLUSHING BAY
97	BB-518	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	15	73	51	22	12" DIA	FLUSHING BAY
98	BB-519	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	15	73	51	21	18" DIA	FLUSHING BAY
99	BB-520	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	15	73	51	21	24" DIA	FLUSHING BAY
100	BB-521	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	15	73	51	21	24" DIA	FLUSHING BAY
101	BB-522	SE END OF RUNWAY 31 (LAGUARDIA AIRPORT - E)	40	46	16	73	51	21	24" DIA	FLUSHING BAY
102	BB-523	LAGUARDIA AIRPORT (NE)	40	46	19	73	51	18	18" DIA	FLUSHING BAY

BOWERY BAY

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			DEG	MIN	SEC	DEG	MIN	SEC		
103	BB-524	LAGUARDIA AIRPORT (NE)	40	46	20	73	51	19	18" DIA	FLUSHING BAY
104	BB-527	LAGUARDIA AIRPORT (N)	40	46	37	73	51	54	18" DIA	FLUSHING BAY
105	BB-528	LAGUARDIA AIRPORT (N)	40	46	38	73	51	55	18" DIA	FLUSHING BAY
106	BB-529	LAGUARDIA AIRPORT (N)	40	46	38	73	51	55	18" DIA	FLUSHING BAY
107	BB-530	LAGUARDIA AIRPORT (N)	40	46	38	73	51	56	18" DIA	FLUSHING BAY
108	BB-531	LAGUARDIA AIRPORT (NW)	40	46	58	73	52	41	24" DIA	FLUSHING BAY
109	BB-532	LAGUARDIA AIRPORT (NW)	40	46	59	73	52	42	24" DIA	FLUSHING BAY
110	BB-533	LAGUARDIA AIRPORT (NW)	40	46	59	73	52	42	24" DIA	FLUSHING BAY
111	BB-534	LAGUARDIA AIRPORT (NW)	40	46	58	73	52	43	18" DIA	FLUSHING BAY
112	BB-535	LAGUARDIA AIRPORT (W)	40	46	50	73	52	48	12" DIA	BOWERY BAY (E)
113	BB-536	LAGUARDIA AIRPORT (W)	40	46	50	73	52	49	12" DIA	BOWERY BAY (E)
114	BB-537	LAGUARDIA AIRPORT (W)	40	46	50	73	52	50	18" DIA	BOWERY BAY (E)
115	BB-538	LAGUARDIA AIRPORT (W)	40	46	50	73	52	50	24" DIA	BOWERY BAY (E)
116	BB-539	LAGUARDIA AIRPORT (W)	40	46	50	73	52	51	24" DIA	BOWERY BAY (E)
117	BB-194	83RD STREET	40	46	26	73	53	12	10" DIA	BOWERY BAY (S)
118	BB-005	E/O 81ST STREET (REG # 14)	40	46	25	73	53	21	14' 7" X 8'	BOWERY BAY (S)
119	BB-195	81ST STREET	40	46	25	73	53	22	6' X 4'	BOWERY BAY (S)
120	BB-201	40' S/O NORTH EAST CORNER OF BOWERY BAY PLANT	40	46	42	73	53	29	4" DIA	BOWERY BAY (NE)
121	BB-202	25' S/O NORTH EAST CORNER OF BOWERY BAY PLANT	40	46	42	73	53	29	4" DIA	BOWERY BAY (NE)
122	BB-003	HAZEN STREET (REG # 13)	40	46	35	73	53	29	66" DIA	BOWERY BAY (W)
123	BB-203	NORTH EAST CORNER OF BOWERY BAY PLANT	40	46	43	73	53	28	36" DIA	BOWERY BAY (NE)
124	BB-200	100' S/O NORTH EAST CORNER OF BOWERY BAY PLANT	40	46	41	73	53	31	24" DIA	BOWERY BAY (NE)
125	BB-002	45TH STREET (REG # 2)	40	46	46	73	53	33	9' X 9'	RIKERS ISLAND CHANNEL (S)
126	BB-204	30' W/O 45TH STREET (REG # 2) (BOWERY BAY WPCP)	40	46	46	73	53	33	16" FLAP	RIKERS ISLAND CHANNEL (S)
127	BB-001	BOWERY BAY W.P.C.P. OUTFALL	40	46	51	73	53	31	90" DIA	BOWERY BAY
128	BB-205	50' N/O BB-204 (BOWERY BAY WPCP)	40	46	48	73	53	32	16" FLAP	RIKERS ISLAND CHANNEL (S)
129	BB-206	75' N/O BB-205 (BOWERY BAY WPCP)	40	46	49	73	53	31	16" FLAP	RIKERS ISLAND CHANNEL (S)
130	BB-207	50' W/O BOWERY BAY WPCP	40	46	51	73	53	30	16" FLAP	RIKERS ISLAND CHANNEL (S)
131	BB-208	100' W/O BOWERY BAY WPCP	40	46	52	73	53	31	18" DIA	RIKERS ISLAND CHANNEL (S)
132	BB-209	120' W/O BOWERY BAY WPCP	40	46	53	73	53	32	4" DIA	RIKERS ISLAND CHANNEL (S)
133	BB-210	150' W/O BOWERY BAY WPCP DOCK	40	46	57	73	53	38	16" FLAP	RIKERS ISLAND CHANNEL (S)
134	BB-211	SOUTHWEST END OF BOWERY BAY WPCP	40	46	54	73	53	43	16" FLAP	RIKERS ISLAND CHANNEL
135	BB-603	STEINWAY STREET	40	46	54	73	53	43	7' X 6' 6"	RIKERS ISLAND CHANNEL (S)
136	BB-0028002-001	STEINWAY STREET	40	46	54	73	53	43	6" DIA	RIKERS ISLAND CHANNEL (S)
137	BB-570	240' E/O STEINWAY STREET	40	46	58	73	53	43	6" DIA	RIKERS ISLAND CHANNEL (S)
138	BB-506	75' N/O BERRIAN BOULEVARD	40	46	56	73	53	54	6" SQUARE	STEINWAY CREEK (E)
139	BB-571	N/O BERRIAN BOULEVARD	40	46	56	73	53	54	6" DIA	STEINWAY CREEK (E)
140	BB-041	19TH AVENUE (REG # 1)	40	46	49	73	54	8	6' X 6'	STEINWAY CREEK (E)
141	BB-572	BERRIAN BOULEVARD	40	46	58	73	53	56	3" DIA	STEINWAY CREEK (W)
142	BB-573	N/O BERRIAN BOULEVARD	40	46	58	73	53	55	6" DIA	STEINWAY CREEK (W)
143	BB-199	200' N/O BERRIAN BOULEVARD	40	47	0	73	53	53	10" DIA	STEINWAY CREEK (W)
144	BB-400	CON EDISON PLANT (SOUTH SIDE)	40	47	1	73	53	51	10" DIA	STEINWAY CREEK (W)
145	BB-574	50' SW/O CON EDISON PLANT (EAST SIDE)	40	47	5	73	53	47	6" DIA	STEINWAY CREEK (W)
146	BB-401	CON EDISON PLANT (EAST SIDE)	40	47	5	73	53	46	8"	STEINWAY CREEK (W)
147	BB-402	29TH STREET	40	47	15	73	53	54	8" DIA	EAST RIVER (S)
148	BB-503	20TH STREET (CON EDISON PLANT - NORTH SIDE)	40	47	26	73	54	26	36" DIA	EAST RIVER (S)
149	BB-575	200' W/O 20TH STREET (CON EDISON PLANT - NORTH SIDE)	40	47	26	73	54	30	8" DIA	EAST RIVER (S)
150	BB-576	300' W/O 20TH STREET (CON EDISON PLANT - NORTH SIDE)	40	47	27	73	54	32	6" DIA	EAST RIVER (S)
151	BB-373	20TH STREET (CON EDISON PLANT)	40	47	26	73	54	26	36" DIA	EAST RIVER (S)
152	BB-577	18TH STREET (CON EDISON PLANT)	40	47	27	73	54	33	4" DIA	EAST RIVER (S)
153	BB-403	NORTHWEST CORNER OF CON EDISON PLANT	40	47	27	73	54	35	36" SQUARE	EAST RIVER (S)

BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	BB-0007340-001	NORTHWEST SIDE OF CON ED (CHARLES POLLETTI)	40	47	24	73	54	39	15' X 8'	HELL GATE (E)
155	BB-540	NORTHWEST SIDE OF CHARLES POLLETTI PUMPHOUSE	40	47	23	73	54	40	10" DIA	HELL GATE (E)
156	BB-501	SOUTH SIDE OF MAIN PUMPHOUSE - CON ED	40	47	20	73	54	45	3" DIA	HELL GATE (E)
157	BB-502	SOUTH SIDE OF MAIN PUMPHOUSE - CON ED	40	47	20	73	54	46	4" DIA	HELL GATE (E)
158	BB-0007340-002	50' S/O CHARLES POLLETTI PUMPHOUSE	40	47	19	73	54	48	18" DIA	HELL GATE (E)
159	BB-0007340-003	80' S/O CHARLES POLLETTI PUMPHOUSE	40	47	19	73	54	48	18" DIA	HELL GATE (E)
160	BB-103	200' N/O 20TH AVENUE	40	47	14	73	54	53	30" DIA	HELL GATE (E)
161	BB-104	115' N/O 20TH AVENUE	40	47	13	73	54	55	24" DIA	HELL GATE (E)
162	BB-864	20TH AVENUE (NORTH SIDE)	40	47	10	73	54	55	4" DIA	HELL GATE (E)
163	BB-053	20TH AVENUE	40	47	10	73	54	56	48" DIA	HELL GATE (E)
164	BB-037	20TH AVENUE (REG # L-33)	40	47	10	73	54	56	24" DIA	HELL GATE (E)
165	BB-865	20ST AVENUE	40	47	10	73	54	56	4" DIA	HELL GATE (E)
166	BB-801	200' S/O 20TH AVENUE	40	47	9	73	54	58	8" DIA	HELL GATE (E)
167	BB-036	21ST AVENUE (REG # L-32)	40	47	3	73	55	3	24" DIA	HELL GATE (E)
168	BB-035	DITMARS BLVD (REG # L-31)	40	46	58	73	55	12	18" DIA	HELL GATE (E)
169	BB-105	23RD ROAD	40	46	50	73	55	21	24" DIA	HELL GATE (E)
170	BB-106	23RD ROAD (SOUTH SIDE)	40	46	50	73	55	22	18" DIA	HELL GATE (E)
171	BB-802	200' N/O TRIBOROUGH BRIDGE	40	46	44	73	55	29	8" DIA	HELL GATE (E)
172	BB-803	N/O ASTORIA PARK SOUTH	40	46	38	73	55	40	10" DIA	HELL GATE (E)
173	BB-034	HOYT AVENUE (REG # L-30)	40	46	37	73	55	42	10' 8" X 7' 4"	POST COVE (E)
174	BB-045	9TH STREET (REG # L-25)	40	46	34	73	55	48	8" DIA	POST COVE (S)
175	BB-508	W/O 9TH STREET	40	46	35	73	55	48	10" DIA	POST COVE (S)
176	BB-805	4TH STREET	40	46	40	73	55	54	6" DIA	EAST RIVER (E)
177	BB-806	5TH STREET	40	46	38	73	55	52	8" DIA	EAST RIVER (E)
178	BB-046	3RD STREET (REG # L-26)	40	46	41	73	55	58	8" DIA	EAST RIVER (E)
179	BB-047	ASTORIA BLVD (REG # L-28)	40	46	41	73	56	6	18" DIA	EAST RIVER (E)
180	BB-807	N/O 26TH AVENUE	40	46	38	73	56	9	4" DIA	EAST RIVER (E)
181	BB-107	26TH AVENUE	40	46	38	73	56	9	30" DIA	EAST RIVER (E)
182	BB-033	27TH AVENUE (REG # L-27)	40	46	33	73	56	13	15" DIA	EAST RIVER (E)
183	BB-509	150' S/O 27TH AVENUE	40	46	31	73	56	15	12" DIA	EAST RIVER (E)
184	BB-032	MAIN AVENUE (REG # L-29 A, # MH-15)	40	46	25	73	56	16	48" DIA	EAST RIVER (E)
185	BB-030	30TH ROAD (REG # L-23)	40	46	16	73	56	6	24" DIA	HALLETS COVE (E)
186	BB-109	31ST AVENUE	40	46	11	73	56	7	10" DIA	HALLETS COVE (E)
187	BB-029	BROADWAY(REG # L-22)	40	46	7	73	56	16	16' 0" X 7' 0"	EAST RIVER (E)
188	BB-808	50' S/O 33RD ROAD (RAYNEY PARK)	40	46	1	73	56	28	8" DIA	EAST RIVER (E)
189	BB-809	300' S/O 33RD ROAD	40	45	59	73	56	30	8" DIA	EAST RIVER (E)
190	BB-810	250' S/O 34TH AVENUE	40	45	55	73	56	35	8" DIA	EAST RIVER (E)
191	BB-811	325' S/O 34TH AVENUE	40	45	54	73	56	35	8" DIA	EAST RIVER (E)
192	BB-812	350' S/O 34TH AVENUE	40	45	54	73	56	35	8" DIA	EAST RIVER (E)
193	BB-813	150' N/O 35TH AVENUE	40	45	53	73	56	36	8" DIA	EAST RIVER (E)
194	BB-814	250' N/O 35TH AVENUE	40	45	49	73	56	39	4" DIA	EAST RIVER (E)
195	BB-866	20' N/O ROOSEVELT ISLAND BRIDGE	40	45	46	73	56	40	8" DIA	EAST RIVER (E)
196	BB-110	150' S/O ROOSEVELT ISLAND BRIDGE	40	45	44	73	56	43	18" DIA	EAST RIVER (E)
197	BB-378	250' S/O ROOSEVELT ISLAND BRIDGE	40	45	43	73	56	43	18" DIA	EAST RIVER (E)
198	BB-028	37TH AVENUE (REG # L-21)	40	45	41	73	56	45	DBL 12' X 8' 1-3/4"	EAST RIVER (E)
199	BB-111	100' S/O 37TH AVENUE	40	45	40	73	56	46	18" DIA	EAST RIVER (E)
200	BB-815	250' S/O 37TH AVENUE	40	45	39	73	56	47	4" DIA	EAST RIVER (E)
201	BB-867	300' S/O 37TH AVENUE	40	45	38	73	56	47	4" DIA	EAST RIVER (E)
202	BB-868	310' S/O 37TH AVENUE	40	45	38	73	56	48	4" DIA	EAST RIVER (E)
203	BB-869	320' S/O 37TH AVENUE	40	45	38	73	56	48	4" DIA	EAST RIVER (E)
204	BB-870	330' S/O 37TH AVENUE	40	45	38	73	56	48	4" DIA	EAST RIVER (E)

BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	BB-027	38TH AVENUE (REG # L-20)	40	45	37	73	56	49	72" DIA	EAST RIVER (E)
206	BB-0005193-001	250' S/O 38TH AVENUE (CON EDISON PLANT)	40	45	34	73	56	51	40" DIA	EAST RIVER (E)
207	BB-025	41ST AVENUE (REG # L-19)	40	45	26	73	56	57	48" DIA	EAST RIVER (E)
208	BB-112	75' S/O 59TH STREET BRIDGE	40	45	18	73	57	4	10" DIA	EAST RIVER (E)
209	BB-024	43RD AVENUE (REG # L-18)	40	45	13	73	57	8	7' 8" X 7' 7"	EAST RIVER (E)
210	BB-871	25' S/O 43RD AVENUE	40	45	13	73	57	8	4" DIA	EAST RIVER (E)
211	BB-816	100' S/O 43RD AVENUE	40	45	12	73	57	9	4" DIA	EAST RIVER (E)
212	BB-817	110' S/O 43RD AVENUE	40	45	12	73	57	9	4" DIA	EAST RIVER (E)
213	BB-578	43RD ROAD	40	45	12	73	57	9	8" DIA	EAST RIVER (E)
214	BB-872	50' S/O 43RD ROAD	40	45	11	73	57	10	4" DIA	EAST RIVER (E)
215	BB-379	100' S/O 43RD ROAD	40	45	10	73	57	11	24" DIA	EAST RIVER (E)
216	BB-818	25' N/O 44TH AVENUE	40	45	3	73	57	17	4" DIA	EAST RIVER (E)
217	BB-023	44TH DRIVE (REG # L-17)	40	44	59	73	57	20	66" DIA	EAST RIVER (E)
218	BB-542	5TH STREET	40	44	54	73	57	16	8" DIA	EAST RIVER - CANAL (N)
219	BB-874	10' E/O 5TH STREET	40	44	54	73	57	16	8" DIA	EAST RIVER - CANAL (N)
220	BB-875	100' E/O 5TH STREET	40	44	54	73	57	15	10" DIA	EAST RIVER - CANAL (N)
221	BB-876	200' E/O 5TH STREET	40	44	54	73	57	14	4" DIA	EAST RIVER - CANAL (N)
222	BB-877	215' E/O 5TH STREET	40	44	54	73	57	14	8" DIA	EAST RIVER - CANAL (N)
223	BB-878	230' E/O 5TH STREET	40	44	54	73	57	13	8" DIA	EAST RIVER - CANAL (N)
224	BB-879	240' E/O 5TH STREET	40	44	54	73	57	13	4" DIA	EAST RIVER - CANAL (N)
225	BB-880	241' E/O 5TH STREET	40	44	54	73	57	13	10" DIA	EAST RIVER - CANAL (N)
226	BB-881	245' E/O 5TH STREET	40	44	54	73	57	13	4" DIA	EAST RIVER - CANAL (N)
227	BB-882	300' E/O 5TH STREET	40	44	53	73	57	12	8" DIA	EAST RIVER - CANAL (N)
228	BB-883	350' E/O 5TH STREET	40	44	53	73	57	12	8" DIA	EAST RIVER - CANAL (N)
229	BB-884	400' E/O 5TH STREET	40	44	53	73	57	11	8" DIA	EAST RIVER - CANAL (N)
230	BB-885	450' E/O 5TH STREET	40	44	53	73	57	11	4" DIA	EAST RIVER - CANAL (N)
231	BB-886	460' E/O 5TH STREET	40	44	53	73	57	11	4" DIA	EAST RIVER - CANAL (N)
232	BB-887	250' E/O 5TH STREET	40	44	52	73	57	13	6" DIA	EAST RIVER - CANAL (S)
233	BB-022	5TH STREET (REG # L-16)	40	44	53	73	57	17	18" DIA	EAST RIVER - CANAL (S)
234	BB-888	5TH STREET (W)	40	44	53	73	57	17	6" DIA	EAST RIVER - CANAL (S)
235	BB-380	150' W/O 5TH STREET	40	44	54	73	57	19	12" DIA	EAST RIVER - CANAL (S)
236	BB-889	190' W/O 5TH STREET	40	44	54	73	57	20	8" DIA	EAST RIVER - CANAL (S)
237	BB-890	200' W/O 5TH STREET	40	44	54	73	57	20	6" DIA	EAST RIVER - CANAL (S)
238	BB-381	300' W/O 5TH STREET	40	44	54	73	57	21	18" DIA	EAST RIVER - CANAL (S)
239	BB-382	450' W/O 5TH STREET	40	44	55	73	57	23	12" DIA	EAST RIVER - CANAL (S)
240	BB-891	475' W/O 5TH STREET	40	44	55	73	57	23	6" DIA	EAST RIVER - CANAL (S)
241	BB-892	477' W/O 5TH STREET	40	44	55	73	57	23	4" DIA	EAST RIVER - CANAL (S)
242	BB-893	490' W/O 5TH STREET	40	44	55	73	57	24	4" DIA	EAST RIVER - CANAL (S)
243	BB-894	540' W/O 5TH STREET	40	44	56	73	57	24	10" DIA	EAST RIVER - CANAL (S)
244	BB-895	570' W/O 5TH STREET	40	44	56	73	57	25	4" DIA	EAST RIVER - CANAL (S)
245	BB-819	S/O 45TH ROAD	40	44	56	73	57	25	4" DIA	EAST RIVER (E)
246	BB-820	S/O 45TH ROAD	40	44	56	73	57	25	10" DIA	EAST RIVER (E)
247	BB-896	46TH ROAD	40	44	50	73	57	30	8" DIA	EAST RIVER (E)
248	BB-897	5' S/O 46TH ROAD	40	44	50	73	57	30	8" DIA	EAST RIVER (E)
249	BB-021	47TH AVENUE (REG # L-15)	40	44	47	73	57	32	48" DIA	EAST RIVER (E)
250	BB-607	47TH AVENUE	40	44	48	73	57	32	36" DIA	EAST RIVER (E)
251	BB-606	49TH AVENUE	40	44	40	73	57	32	60" DIA	EAST RIVER (E)
252	BB-018	49TH AVENUE (REG # L-12A)	40	44	40	73	57	32	18" DIA	EAST RIVER (E)
253	BB-017	50TH AVENUE (REG # L-12)	40	44	37	73	57	35	15" DIA	EAST RIVER (E)
254	BB-016	51ST AVENUE (REG # L-11)	40	44	36	73	57	39	24" DIA	EAST RIVER (E)
255	BB-114	50' S/O 55TH AVENUE	40	44	20	73	57	46	36" DIA	EAST RIVER (E)

BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
256	BB-015	5TH STREET (REG # L-10)	40	44	23	73	57	25	15" DIA	NEWTOWN CREEK (N)
257	BB-898	150' W/O VERNON BOULEVARD	40	44	23	73	57	20	8" DIA	NEWTOWN CREEK (N)
258	BB-123	VERNON BOULEVARD	40	44	23	73	57	18	18" DIA	NEWTOWN CREEK (N)
259	BB-014	VERNON BOULEVARD (REG # L-9)	40	44	23	73	57	18	22" DIA	NEWTOWN CREEK (N)
260	BB-579	50' E/O VERNON BOULEVARD	40	44	23	73	57	17	6" DIA	NEWTOWN CREEK (N)
261	BB-013	11TH STREET (REG # L-8)	40	44	22	73	57	9	72" DIA	NEWTOWN CREEK (N)
262	BB-043	11TH STREET (REG # L-7)	40	44	22	73	57	8	54" DIA	NEWTOWN CREEK (N)
263	BB-580	175' W/O 21ST STREET	40	44	21	73	57	4	8" DIA	NEWTOWN CREEK (N)
264	BB-049	21ST STREET	40	44	21	73	57	1	2' 8" X 4'	NEWTOWN CREEK (N)
265	BB-550	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	20	3" DIA	DUTCH KILLS (N)
266	BB-551	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	20	3" DIA	DUTCH KILLS (N)
267	BB-581	23RD STREET	40	44	17	73	56	53	8" DIA	NEWTOWN CREEK (N)
268	BB-582	150' E/O 23RD STREET	40	44	17	73	56	50	8" DIA	NEWTOWN CREEK (N)
269	BB-552	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	3" DIA	DUTCH KILLS (N)
270	BB-583	350' E/O 23RD STREET	40	44	17	73	56	46	8" DIA	NEWTOWN CREEK (N)
271	BB-553	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	3" DIA	DUTCH KILLS (N)
272	BB-584	500' E/O 23RD STREET	40	44	18	73	56	43	8" DIA	NEWTOWN CREEK (N)
273	BB-902	10' N/O RAILROAD BRIDGE	40	44	17	73	56	49	8" DIA	DUTCH KILLS (W)
274	BB-042	W/O 27TH STREET (REG # L-6)	40	44	20	73	56	36	12" DIA	DUTCH KILLS (W)
275	BB-544	100' N/O 49TH AVENUE BRIDGE	40	44	28	73	56	24	4" DIA	DUTCH KILLS (E)
276	BB-557	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	3" DIA	DUTCH KILLS (N)
277	BB-558	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	6" DIA	DUTCH KILLS (N)
278	BB-559	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	22	3" DIA	DUTCH KILLS (N)
279	BB-398	S/O 28TH STREETS	40	44	35	73	56	23	48" DIA	DUTCH KILLS (N)
280	BB-040	49TH AVENUE (REG # L-5)	40	44	27	73	56	27	24" DIA	DUTCH KILLS (W)
281	BB-561	100' E/O 27TH STREET	40	44	35	73	56	24	10" DIA	DUTCH KILLS (W)
282	BB-560	100' E/O 27TH STREET	40	44	35	73	56	24	4" DIA	DUTCH KILLS (W)
283	BB-563	50' N/O 49TH AVENUE BRIDGE	40	44	28	73	56	26	12" DIA	DUTCH KILLS (W)
284	BB-562	200' N/O 49TH AVENUE BRIDGE	40	44	30	73	56	25	8" DIA	DUTCH KILLS (W)
285	BB-510	27TH STREET	40	44	20	73	56	35	10" DIA	DUTCH KILLS (W)
286	BB-026	BETWEEN 28TH & 29TH ST. (REG # L- (4, 39, 40 & 42)	40	44	35	73	56	21	9' X 4' 6"	DUTCH KILLS (N)
287	BB-511	29TH STREET	40	44	35	73	56	19	4" DIA	DUTCH KILLS (E)
288	BB-512	75' N/O 48TH AVENUE	40	44	31	73	56	22	6" DIA	DUTCH KILLS (E)
289	BB-556	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	3" DIA	DUTCH KILLS (N)
290	BB-009	HUNTERS POINT AVENUE (REG # L-3B, L-37, L-38, L-41, L-3A)	40	44	27	73	56	25	11' X 4' 6"	DUTCH KILLS (E)
291	BB-549	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	20	3" DIA	DUTCH KILLS (N)
292	BB-548	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	20	3" DIA	DUTCH KILLS (N)
293	BB-010	QUEENS-MIDTOWN EXPRESSWAY (REG # L-3C)	40	44	22	73	56	30	30" DIA	DUTCH KILLS (E)
294	BB-004	BORDEN AVENUE	40	44	21	73	56	33	6' 6" X 3' 3"	DUTCH KILLS (E)
295	BB-555	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	3" DIA	DUTCH KILLS (N)
296	BB-397	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	48" DIA	DUTCH KILLS (N)
297	BB-554	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	21	3" DIA	DUTCH KILLS (N)
298	BB-546	N/O 29TH STREET	40	44	34	73	56	19	6" DIA	DUTCH KILLS (N)
299	BB-910	BORDEN AVENUE (N)	40	44	20	73	56	33	6" DIA	DUTCH KILLS (E)
300	BB-543	50' S/O HUNTERS POINT	40	44	26	73	56	25	6" DIA	DUTCH KILLS (E)
301	BB-547	BETWEEN 28TH & 29TH STREETS	40	44	35	73	56	20	3" DIA	DUTCH KILLS (N)
302	BB-545	N/O 29TH STREET	40	44	34	73	56	19	4" DIA	DUTCH KILLS (N)
303	BB-0200441-001	29TH STREET (BUCKEYE PIPELINE CO)	40	44	11	73	56	34	8" DIA	NEWTOWN CREEK (N)
304	BB-0028452-001	300' W/O 35TH STREET	40	44	10	73	56	31	8" DIA	NEWTOWN CREEK (N)
305	BB-012	35TH STREET (REG # L-2)	40	44	4	73	56	26	24" DIA	NEWTOWN CREEK (N)
306	BB-011	GREENPOINT AVENUE BRIDGE (REG # L-1)	40	44	0	73	56	24	24" DIA	NEWTOWN CREEK (N)

BOWERY BAY

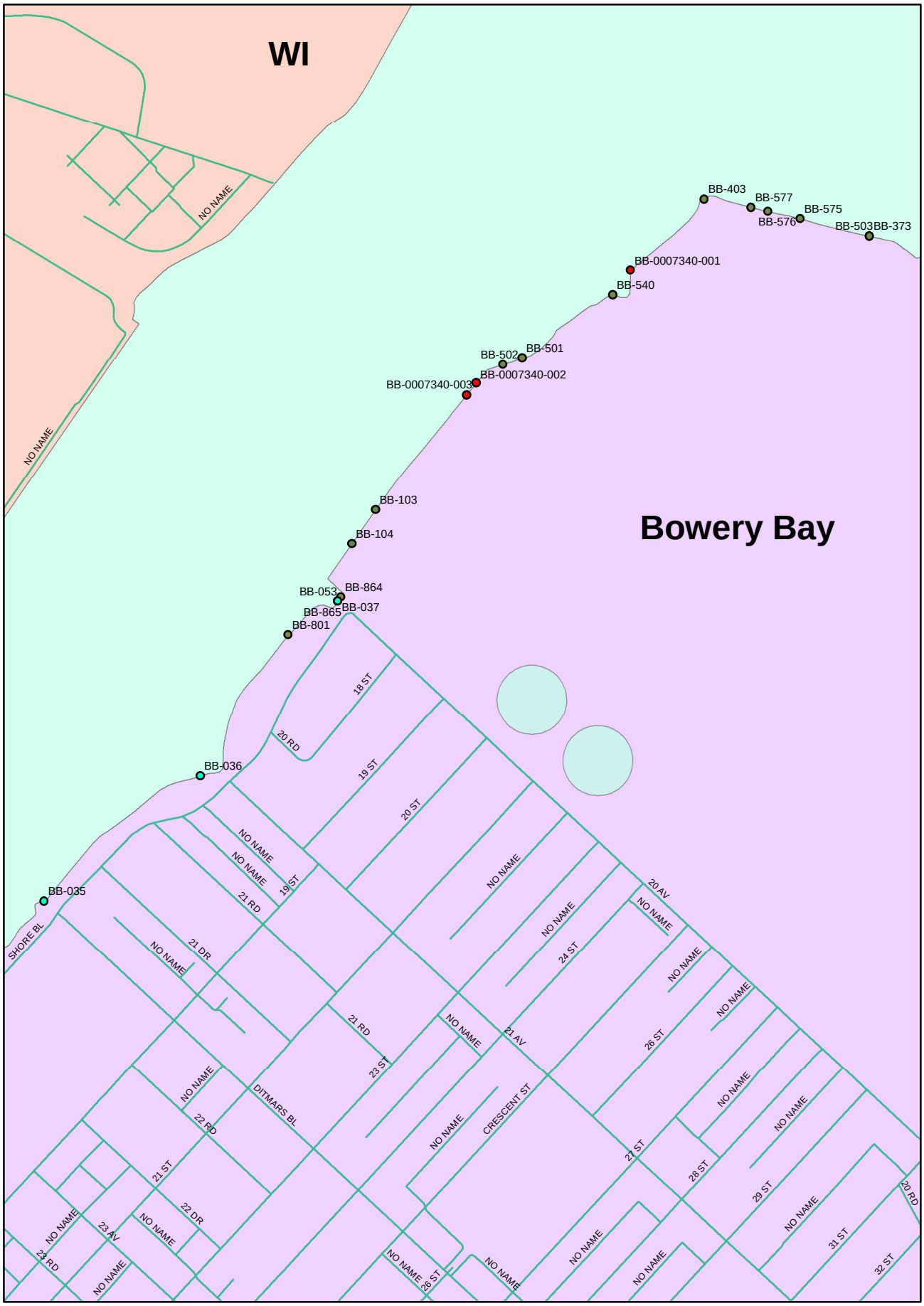
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
307	BB-385	GREENPOINT AVENUE BRIDGE (W)	40	44	0	73	56	24	18" DIA	NEWTOWN CREEK (N)
308	BB-585	1350' W/O 43TH STREET	40	43	46	73	56	10	8" DIA	NEWTOWN CREEK (N)
309	BB-586	1065' W/O 43TH STREET	40	43	45	73	56	6	6" DIA	NEWTOWN CREEK (N)
310	BB-587	1045' W/O 43TH STREET	40	43	45	73	56	6	6" DIA	NEWTOWN CREEK (N)
311	BB-404	250' N/O CORRECTION DEPT TRAILERS (RIKERS IS)	40	47	49	73	53	29	8" DIA	EAST RIVER (E)
312	BB-405	150' N/O CORRECTION DEPT TRAILERS (RIKERS IS)	40	47	49	73	53	30	8" DIA	EAST RIVER (E)
313	BB-396	100' N/O CORRECTION DEPT TRAILERS (RIKERS IS)	40	47	47	73	53	31	12" DIA	EAST RIVER (E)
314	BB-375	50' N/O CORRECTION DEPT TRAILERS (RIKERS IS)	40	47	47	73	53	31	12" DIA	EAST RIVER (E)
315	BB-376	OPPOSITE SOUTH BROTHER ISLAND (RIKERS IS)	40	47	45	73	53	32	48" DIA	EAST RIVER (E)
316	BB-406	OPPOSITE STEINWAY CREEK (RIKERS IS)	40	47	25	73	53	28	30" DIA	EAST RIVER (E)
317	BB-407	300' E/O OPPOSITE STEINWAY CREEK (RIKERS IS)	40	47	22	73	53	24	24" DIA	EAST RIVER (E)
318	BB-408	200' W/O RIKERS ISLAND BRIDGE	40	47	12	73	53	11	48" DIA	RIKERS ISLAND CHANNEL (N)
319	BB-377	15' W/O RIKERS ISLAND BRIDGE	40	47	12	73	53	7	10" DIA	RIKERS ISLAND CHANNEL (N)
320	BB-409	1500' E/O RIKERS ISLAND BRIDGE	40	47	9	73	52	50	24" DIA	RIKERS ISLAND CHANNEL (N)
321	BB-410	2500' E/O RIKERS ISLAND BRIDGE	40	47	8	73	52	40	30" DIA	RIKERS ISLAND CHANNEL (N)
322	BB-411	3500' E/O RIKERS ISLAND BRIDGE	40	47	9	73	52	30	48" DIA	RIKERS ISLAND CHANNEL (N)
323	BB-412	S/O E 51ST STREET (ROOSEVELT ISLAND - W)	40	45	8	73	57	35	8" DIA	WEST CHANNEL
324	BB-413	50' N/O E 51ST STREET (ROOSEVELT ISLAND - W)	40	45	9	73	57	35	8" DIA	WEST CHANNEL
325	BB-414	S/O E 53RD STREET (ROOSEVELT ISLAND - W)	40	45	12	73	57	33	4" DIA	WEST CHANNEL
326	BB-415	OPPOSITE E 53RD STREET (ROOSEVELT ISLAND - W)	40	45	13	73	57	32	8" DIA	WEST CHANNEL
327	BB-416	40' N/O OPPOSITE E 53RD STREET (ROOSEVELT ISLAND - W	40	45	13	73	57	31	8" DIA	WEST CHANNEL
328	BB-417	OPPOSITE E 54TH STREET (ROOSEVELT ISLAND - W)	40	45	15	73	57	30	10" DIA	WEST CHANNEL
329	BB-418	10' N/O OPPOSITE E 54TH STREET (ROOSEVELT ISLAND - W)	40	45	15	73	57	29	6" DIA	WEST CHANNEL
330	BB-419	S/O E 55TH STREET (ROOSEVELT ISLAND - W)	40	45	17	73	57	28	10" DIA	WEST CHANNEL
331	BB-420	100' N/O E 55TH STREET (ROOSEVELT ISLAND - W)	40	45	18	73	57	27	10" DIA	WEST CHANNEL
332	BB-421	OPPOSITE E 56TH STREET (ROOSEVELT ISLAND - W)	40	45	19	73	57	26	8" DIA	WEST CHANNEL
333	BB-422	50' N/O OPPOSITE E 56TH STREET (ROOSEVELT ISLAND - W)	40	45	20	73	57	26	8" DIA	WEST CHANNEL
334	BB-423	OPPOSITE E 57TH STREET (ROOSEVELT ISLAND - W)	40	45	22	73	57	24	8" DIA	WEST CHANNEL
335	BB-588	10' N/O OPPOSITE E 57TH STREET (ROOSEVELT ISLAND - W)	40	45	22	73	57	23	8" DIA	WEST CHANNEL
336	BB-424	OPPOSITE E 58TH STREET (ROOSEVELT ISLAND - W)	40	45	24	73	57	22	8" DIA	WEST CHANNEL
337	BB-425	N/O E 58TH STREET (ROOSEVELT ISLAND - W)	40	45	24	73	57	22	8" DIA	WEST CHANNEL
338	BB-426	100' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - W)	40	45	25	73	57	21	4" DIA	WEST CHANNEL
339	BB-427	20' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - W)	40	45	26	73	57	20	3" DIA	WEST CHANNEL
340	BB-428	100' N/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - W)	40	45	27	73	57	19	48" DIA	WEST CHANNEL
341	BB-429	200' N/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - W)	40	45	29	73	57	18	10" DIA	WEST CHANNEL
342	BB-430	N/O E 61ST STREET (ROOSEVELT ISLAND - W)	40	45	31	73	57	16	15' DIA	WEST CHANNEL
343	BB-431	OPPOSITE E 62ND STREET	40	45	33	73	57	15	18" DIA	WEST CHANNEL
344	BB-432	S/O E 63RD STREET	40	45	34	73	57	13	4" DIA	WEST CHANNEL
345	BB-433	OPPOSITE E 63RD STREET	40	45	35	73	57	13	18" DIA	WEST CHANNEL
346	BB-434	N/O E 63RD STREET	40	45	35	73	57	12	4" DIA	WEST CHANNEL
347	BB-435	N/O E 63RD STREET	40	45	35	73	57	12	18" DIA	WEST CHANNEL
348	BB-920	S/O E 64TH STREET	40	45	36	73	57	11	15' DIA FLAP	WEST CHANNEL
349	BB-436	OPPOSITE E 64TH STREET (S)	40	45	37	73	57	10	6" DIA	WEST CHANNEL
350	BB-921	OPPOSITE E 64TH STREET	40	45	37	73	57	10	24" DIA	WEST CHANNEL
351	BB-437	OPPOSITE E 64TH STREET	40	45	37	73	57	10	4" DIA	WEST CHANNEL
352	BB-438	OPPOSITE E 64TH STREET (N)	40	45	37	73	57	10	4" DIA	WEST CHANNEL
353	BB-439	25' N/O OPPOSITE E 64TH STREET (N)	40	45	37	73	57	10	4" DIA	WEST CHANNEL
354	BB-440	50' N/O OPPOSITE E 64TH STREET (N)	40	45	37	73	57	9	6" DIA	WEST CHANNEL
355	BB-441	75' N/O OPPOSITE E 64TH STREET (N)	40	45	37	73	57	9	4" DIA	WEST CHANNEL
356	BB-442	125' N/O OPPOSITE E 64TH STREET (N)	40	45	38	73	57	9	36" DIA	WEST CHANNEL
357	BB-589	150' S/O E 65TH STREET	40	45	38	73	57	9	4" DIA	WEST CHANNEL

BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
358	BB-590	125' S/O E 65TH STREET	40	45	38	73	57	8	4" DIA	WEST CHANNEL
359	BB-591	100' S/O E 65TH STREET	40	45	38	73	57	8	4" DIA	WEST CHANNEL
360	BB-592	75' S/O E 65TH STREET	40	45	39	73	57	8	4" DIA	WEST CHANNEL
361	BB-443	S/O E 65TH STREET	40	45	39	73	57	8	15' DIA	WEST CHANNEL
362	BB-444	OPPOSITE E 65TH STREET	40	45	39	73	57	8	8" DIA	WEST CHANNEL
363	BB-445	OPPOSITE E 65TH STREET	40	45	39	73	57	8	15' DIA	WEST CHANNEL
364	BB-446	100' N/O OPPOSITE E 65TH STREET	40	45	40	73	57	7	8" DIA	WEST CHANNEL
365	BB-447	150' N/O OPPOSITE E 65TH STREET	40	45	40	73	57	7	24" DIA	WEST CHANNEL
366	BB-448	N/O E 65TH STREET	40	45	41	73	57	7	15' DIA	WEST CHANNEL
367	BB-449	S/O E 66TH STREET	40	45	42	73	57	6	4" DIA	WEST CHANNEL
368	BB-450	20' S/O E 66TH STREET	40	45	42	73	57	6	4" DIA	WEST CHANNEL
369	BB-451	40' S/O E 66TH STREET	40	45	42	73	57	6	4" DIA	WEST CHANNEL
370	BB-452	N/O E 66TH STREET	40	45	42	73	57	6	36" DIA	WEST CHANNEL
371	BB-453	20' N/O E 66TH STREET	40	45	43	73	57	5	8" DIA	WEST CHANNEL
372	BB-454	S/O E 67TH STREET	40	45	43	73	57	5	8" DIA	WEST CHANNEL
373	BB-455	N/O E 67TH STREET	40	45	44	73	57	4	15' DIA	WEST CHANNEL
374	BB-456	OPPOSITE E 68TH STREET (N)	40	45	44	73	57	4	6" DIA	WEST CHANNEL
375	BB-457	OPPOSITE E 70TH STREET	40	45	50	73	56	59	15' DIA	WEST CHANNEL
376	BB-458	S/O E 71ST STREET	40	45	51	73	56	57	24" DIA	WEST CHANNEL
377	BB-459	S/O E 72ND STREET	40	45	53	73	56	55	12" DIA	WEST CHANNEL
378	BB-460	OPPOSITE E 73RD STREET	40	45	56	73	56	53	8" DIA	WEST CHANNEL
379	BB-461	OPPOSITE E 74TH STREET	40	45	58	73	56	51	36" DIA	WEST CHANNEL
380	BB-462	N/O E 74TH STREET	40	45	59	73	56	51	8" DIA	WEST CHANNEL
381	BB-463	OPPOSITE E 75TH STREET	40	46	1	73	56	49	8" DIA	WEST CHANNEL
382	BB-464	OPPOSITE E 76TH STREET	40	46	3	73	56	47	8" DIA	WEST CHANNEL
383	BB-465	20' N/O OPPOSITE E 76TH STREET	40	46	4	73	56	47	8" DIA	WEST CHANNEL
384	BB-466	S/O E 78TH STREET	40	46	6	73	56	45	6" DIA	WEST CHANNEL
385	BB-467	OPPOSITE E 80TH STREET	40	46	12	73	56	40	6" DIA	WEST CHANNEL
386	BB-468	OPPOSITE E 81ST STREET	40	46	14	73	56	37	15' DIA	WEST CHANNEL
387	BB-469	OPPOSITE E 84TH STREET	40	46	20	73	56	31	12" DIA	WEST CHANNEL
388	BB-470	OPPOSITE 31ST AVENUE	40	46	16	73	56	25	4" DIA	EAST CHANNEL
389	BB-593	5' S/O OPPOSITE 31ST AVENUE	40	46	15	73	56	25	4" DIA	EAST CHANNEL
390	BB-471	150' S/O BB-470(ROOSEVELT ISLAND - E)	40	46	14	73	56	25	8" DIA	EAST CHANNEL
391	BB-472	OPPOSITE 31ST ROAD (ROOSEVELT ISLAND - E)	40	46	13	73	56	26	24" DIA	EAST CHANNEL
392	BB-473	OPPOSITE 31ST DRIVE (ROOSEVELT ISLAND - E)	40	46	13	73	56	26	6" DIA	EAST CHANNEL
393	BB-474	N/O BROADWAY (ROOSEVELT ISLAND - E)	40	46	11	73	56	27	4" DIA	EAST CHANNEL
394	BB-475	BROADWAY (ROOSEVELT ISLAND - E)	40	46	11	73	56	27	6" DIA	EAST CHANNEL
395	BB-476	N/O 33RD AVENUE (ROOSEVELT ISLAND - E)	40	46	11	73	56	28	18" DIA	EAST CHANNEL
396	BB-477	60' 33RD AVENUE (ROOSEVELT ISLAND - E)	40	46	10	73	56	28	4" DIA	EAST CHANNEL
397	BB-478	80' 33RD AVENUE (ROOSEVELT ISLAND - E)	40	46	10	73	56	29	4" DIA	EAST CHANNEL
398	BB-479	OPPOSITE 33RD AVENUE (ROOSEVELT ISLAND - E)	40	46	9	73	56	30	4" DIA	EAST CHANNEL
399	BB-480	200' S/O OPPOSITE 33RD AVENUE (ROOSEVELT ISLAND - E)	40	46	6	73	56	34	18" DIA	EAST CHANNEL
400	BB-481	N/O 33RD ROAD (ROOSEVELT ISLAND - E)	40	46	6	73	56	34	6" DIA	EAST CHANNEL
401	BB-482	33RD ROAD (ROOSEVELT ISLAND - E)	40	46	6	73	56	34	8" DIA	EAST CHANNEL
402	BB-483	OPPOSITE 33RD ROAD (ROOSEVELT ISLAND - E)	40	46	5	73	56	35	18" DIA	EAST CHANNEL
403	BB-484	S/O 33RD ROAD (ROOSEVELT ISLAND - E)	40	46	5	73	56	35	12" DIA	EAST CHANNEL
404	BB-485	50' S/O 33RD ROAD (ROOSEVELT ISLAND - E)	40	46	4	73	56	36	8" DIA	EAST CHANNEL
405	BB-486	OPPOSITE RAYNEY PARK (ROOSEVELT ISLAND - E)	40	46	2	73	56	38	6" DIA	EAST CHANNEL
406	BB-487	900' S/O OPPOSITE RAYNEY PARK (ROOSEVELT ISLAND - E)	40	45	54	73	56	44	4" DIA	EAST CHANNEL
407	BB-488	200' N/O ROOSEVELT IS BRIDGE (ROOSEVELT IS - E)	40	45	54	73	56	44	36" DIA	EAST CHANNEL
408	BB-489	150' S/O ROOSEVELT IS BRIDGE (ROOSEVELT IS)	40	45	53	73	56	45	36" DIA	EAST CHANNEL

BOWERY BAY

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
409	BB-490	175' S/O ROOSEVELT IS BRIDGE (ROOSEVELT IS)	40	45	46	73	56	51	4" DIA	EAST CHANNEL
410	BB-594	200' S/O ROOSEVELT IS BRIDGE (ROOSEVELT IS)	40	45	46	73	56	51	8" DIA	EAST CHANNEL
411	BB-595	225' S/O ROOSEVELT IS BRIDGE (ROOSEVELT IS)	40	45	45	73	56	52	4" DIA	EAST CHANNEL
412	BB-596	N/O 37TH AVENUE (ROOSEVELT ISLAND - E)	40	45	45	73	56	52	6" DIA	EAST CHANNEL
413	BB-303	OPPOSITE 37TH AVENUE (ROOSEVELT ISLAND - E)	40	45	44	73	56	52	36" DIA	EAST CHANNEL
414	BB-597	S/O 37TH AVENUE (ROOSEVELT ISLAND - E)	40	45	44	73	56	53	6" DIA	EAST CHANNEL
415	BB-305	OPPOSITE 38TH AVENUE (N) (ROOSEVELT ISLAND - E)	40	45	39	73	56	57	36" DIA	EAST CHANNEL
416	BB-598	OPPOSITE 40TH AVENUE (ROOSEVELT ISLAND - E)	40	45	37	73	56	60	3" DIA	EAST CHANNEL
417	BB-307	S/O 40TH AVENUE (ROOSEVELT ISLAND - E)	40	45	35	73	57	1	24" DIA	EAST CHANNEL
418	BB-599	OPPOSITE 41ST AVENUE (ROOSEVELT ISLAND - E)	40	45	30	73	57	7	6" DIA	EAST CHANNEL
419	BB-309	700' N/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	29	73	57	7	10" DIA	EAST CHANNEL
420	BB-310	650' N/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	28	73	57	8	10" DIA	EAST CHANNEL
421	BB-491	100' N/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	24	73	57	10	8" DIA	EAST CHANNEL
422	BB-492	50' N/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	24	73	57	11	6" DIA	EAST CHANNEL
423	BB-507	UNDER QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	23	73	57	12	8" DIA	EAST CHANNEL
424	BB-493	75' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	21	73	57	14	6" DIA	EAST CHANNEL
425	BB-494	100' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	21	73	57	14	8" DIA	EAST CHANNEL
426	BB-318	130' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	20	73	57	15	10" DIA	EAST CHANNEL
427	BB-319	145' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	20	73	57	15	18" DIA	EAST CHANNEL
428	BB-495	160' S/O QUEENSBORO BRIDGE (ROOSVELT ISLAND - E)	40	45	20	73	57	16	8" DIA	EAST CHANNEL
429	BB-496	N/O 43RD AVENUE (ROOSEVELT ISLAND - E)	40	45	19	73	57	17	8" DIA	EAST CHANNEL
430	BB-497	OPPOSITE 43RD AVENUE (ROOSEVELT ISLAND - E)	40	45	18	73	57	17	8" DIA	EAST CHANNEL
431	BB-498	30' S/O 43RD ROAD (ROOSEVELT ISLAND - E)	40	45	16	73	57	20	8" DIA	EAST CHANNEL
432	BB-499	60' S/O 43RD ROAD (ROOSEVELT ISLAND - E)	40	45	15	73	57	20	8" DIA	EAST CHANNEL
433	BB-504	90' S/O 43RD ROAD (ROOSEVELT ISLAND - E)	40	45	14	73	57	21	8" DIA	EAST CHANNEL
434	BB-525	120' S/O 43RD ROAD (ROOSEVELT ISLAND - E)	40	45	13	73	57	22	8" DIA	EAST CHANNEL
435	BB-526	100' S/O ROOSEVELT ISLAND SOUTH PUMPING STATION	40	45	8	73	57	28	3" DIA	EAST CHANNEL
436	BB-541	135' S/O ROOSEVELT ISLAND SOUTH PUMPING STATION	40	45	8	73	57	29	3" DIA	EAST CHANNEL
437	BB-343	155' S/O ROOSEVELT ISLAND SOUTH PUMPING STATION	40	45	7	73	57	29	4" DIA	EAST CHANNEL
438	BB-344	170' S/O ROOSEVELT ISLAND SOUTH PUMPING STATION	40	45	7	73	57	30	4" DIA	EAST CHANNEL
439	BB-345	175' S/O ROOSEVELT ISLAND SOUTH PUMPING STATION	40	45	7	73	57	30	6" DIA	EAST CHANNEL
440	BB-346	120' S/O ROOSEVELT ISLAND SOUTH PUMPING STATION	40	45	6	73	57	30	4" DIA	EAST CHANNEL
441	BB-347	OPPOSITE 44TH ROAD (ROOSEVELT ISLAND - E)	40	45	5	73	57	32	10" DIA	EAST CHANNEL
442	BB-348	OPPOSITE 44TH DRIVE (ROOSEVELT ISLAND - E)	40	45	3	73	57	35	4" DIA	EAST CHANNEL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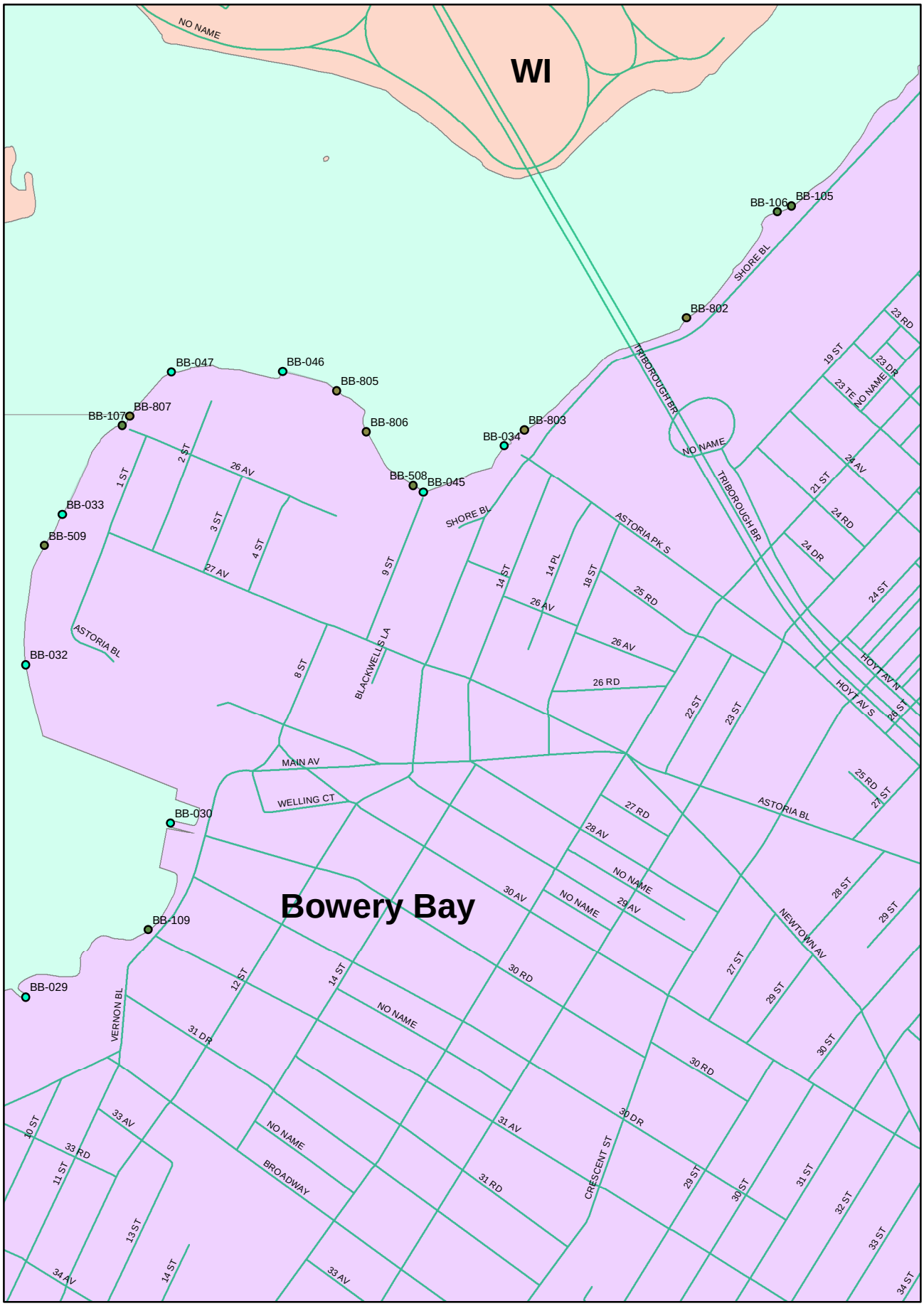
26 ST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14 PL
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MAIN AV
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27 RD
28 AV
29 AV
30 AV
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NEWTOWN AV
HOYT AV N
HOYT AV S
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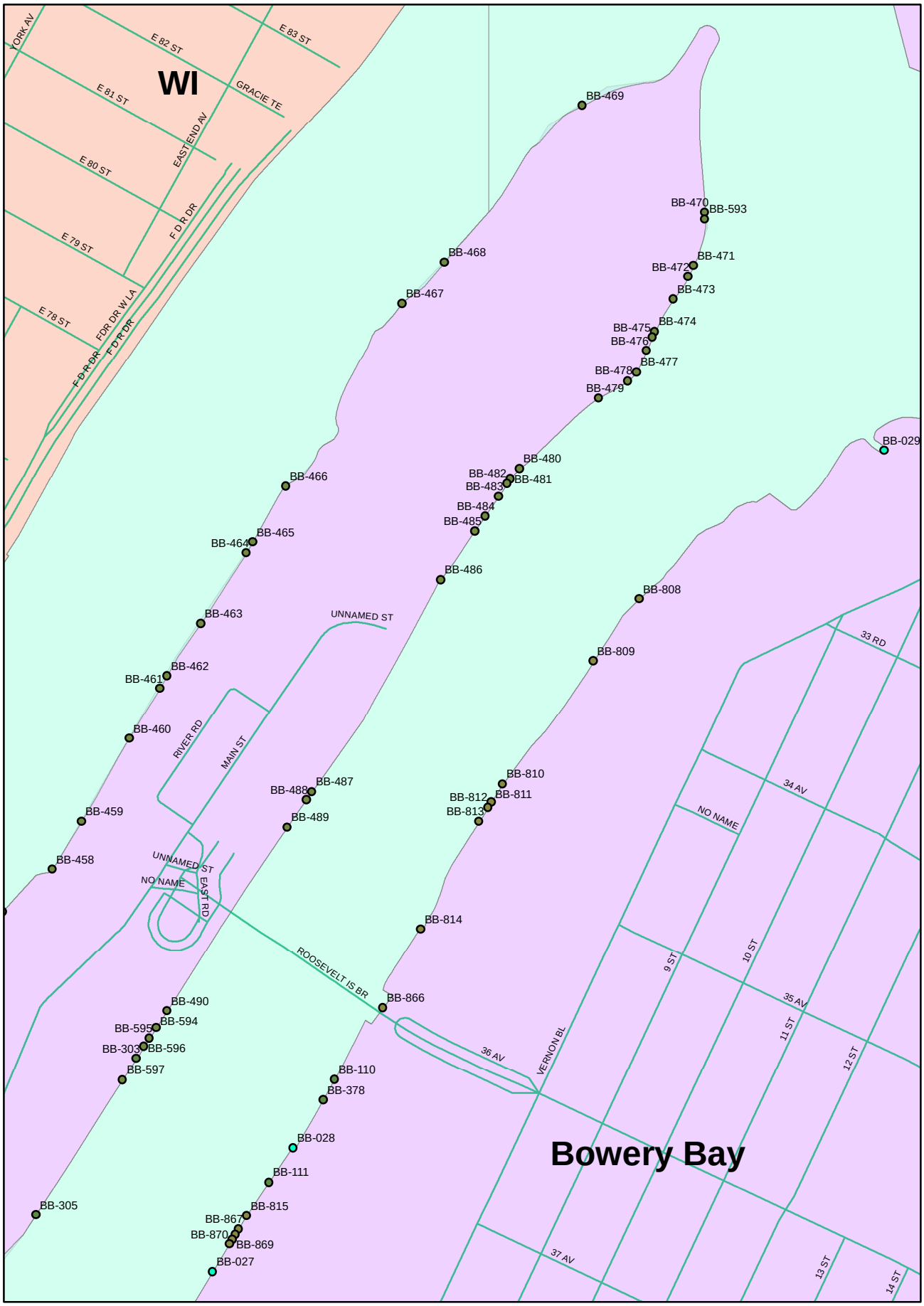
BROADWAY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GRACIE TE
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FDR DR W LA
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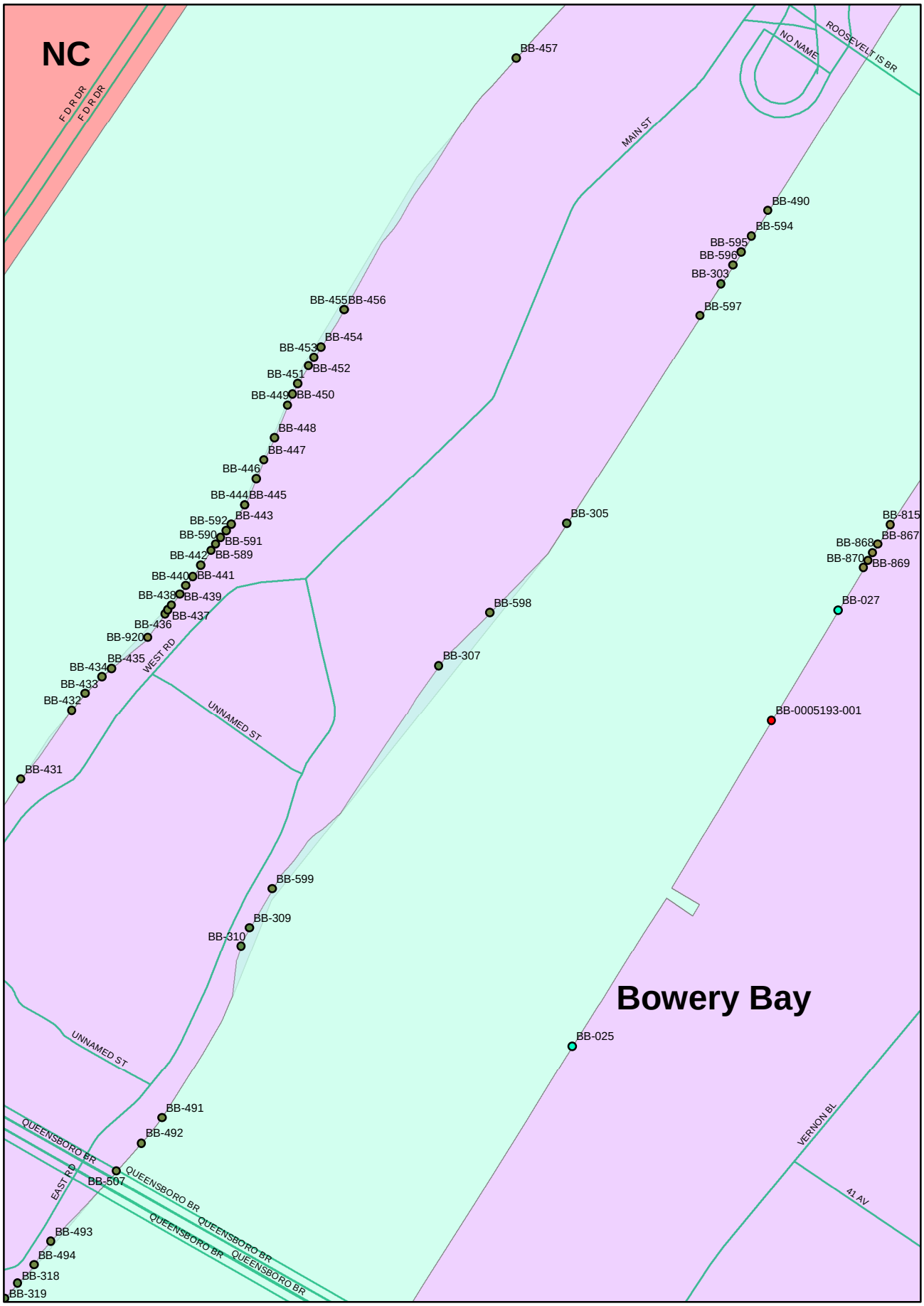
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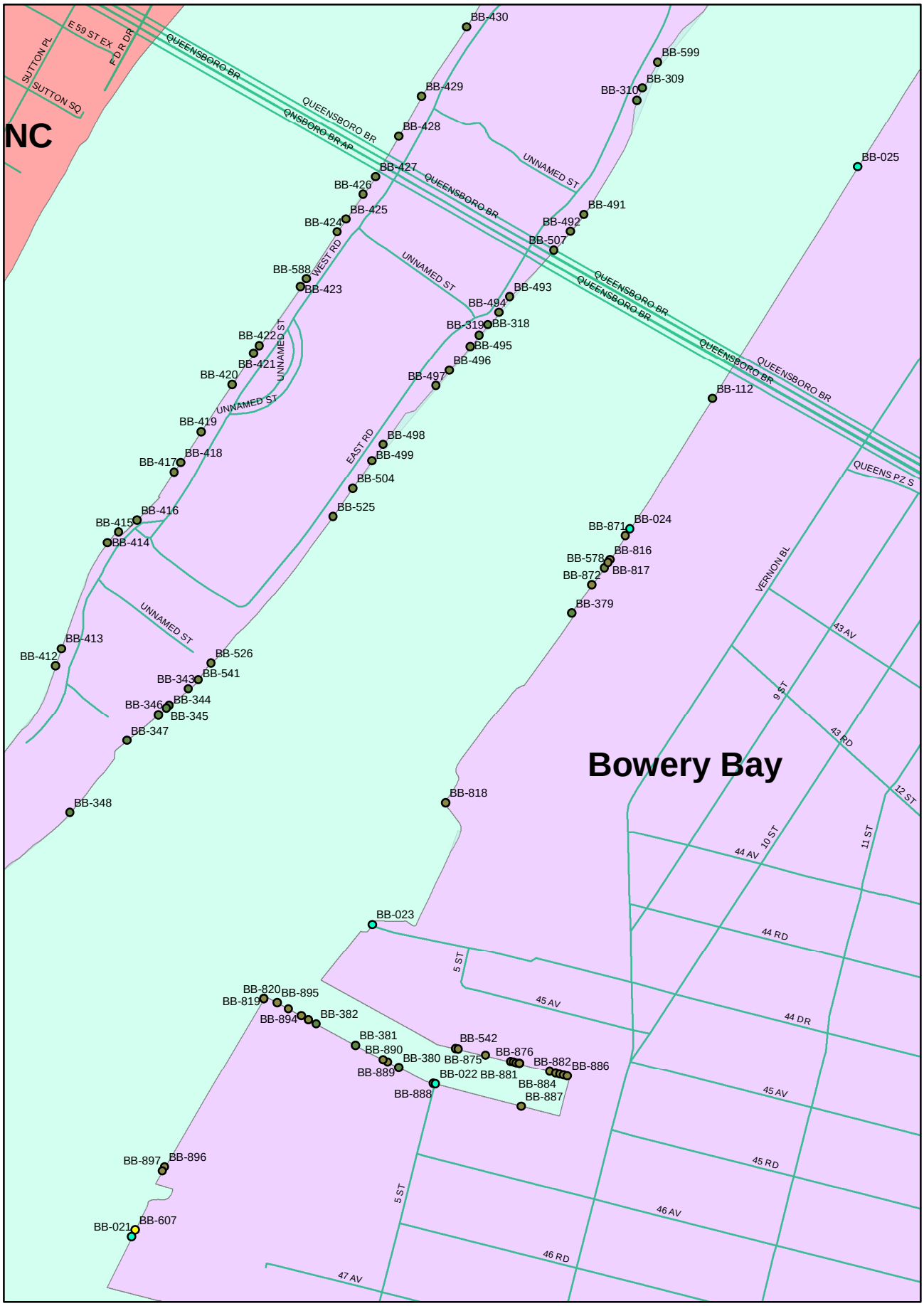
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QNSBORO BR AP
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SUTTON SQ
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EAST RD
UNNAMED ST
QUEENS PZ S
VERNON BL
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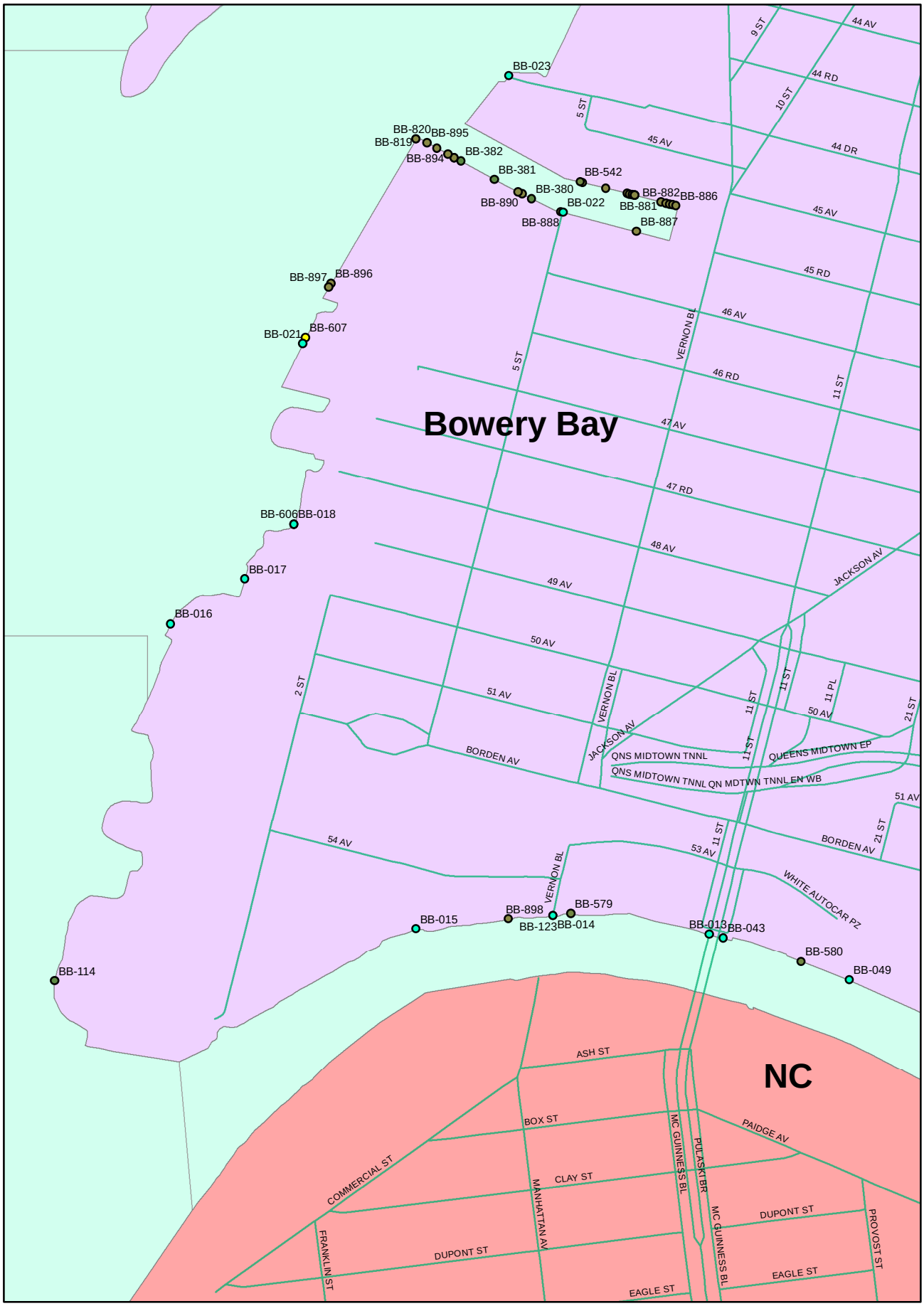
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11 PL
21 ST
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JACKSON AV
BORDEN AV
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QNS MIDTOWN TNNL QN MDTWN TNNL EN WB
QUEENS MIDTOWN EP
WHITE AUTOCAR PZ
ASH ST
BOX ST
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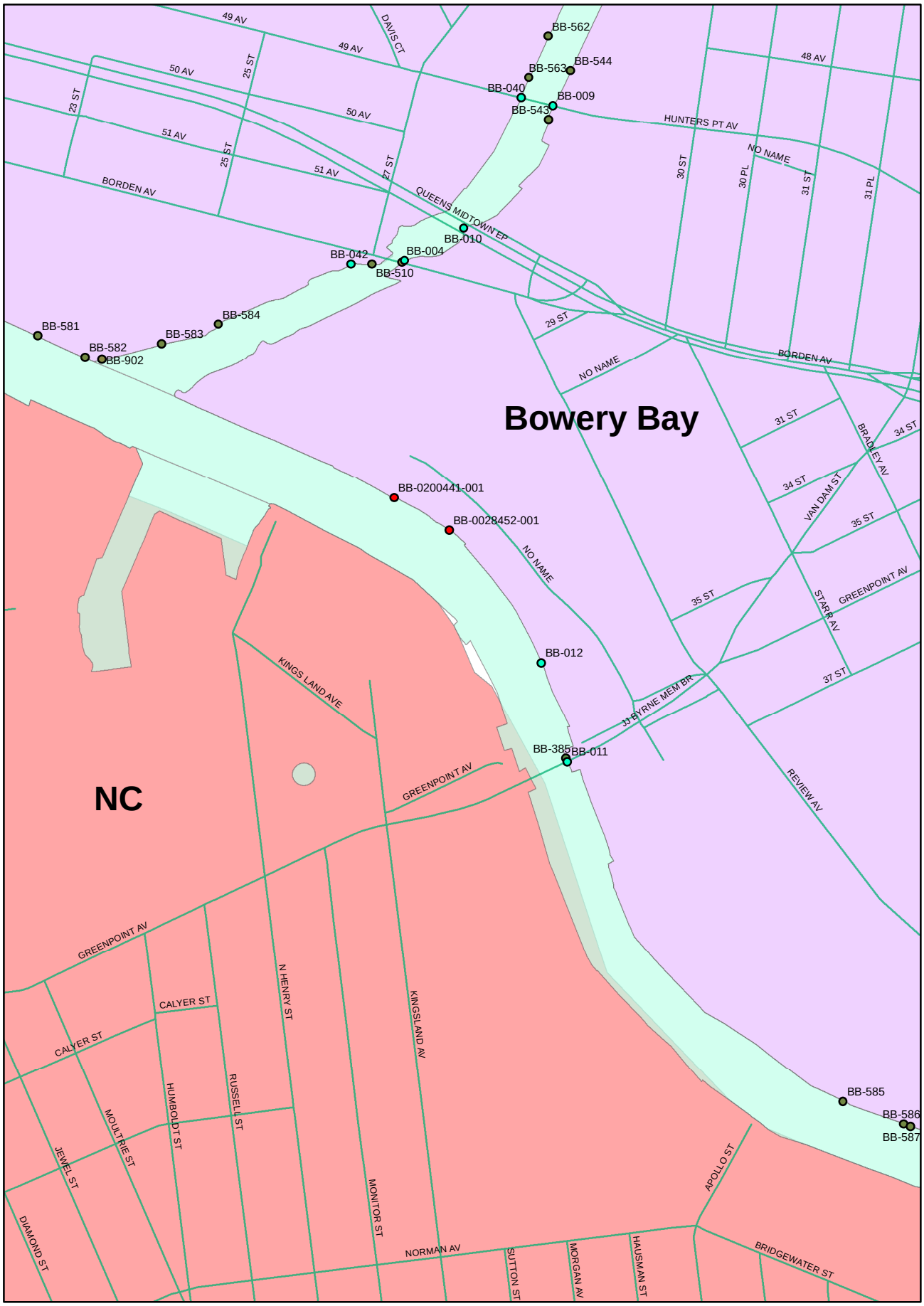
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JJ BYRNE MEM BR
REVIEW AV
KINGS LAND AVE
KINGSLAND AV
N HENRY ST
CALYER ST
HUMBOLDT ST
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MOULTRIE ST
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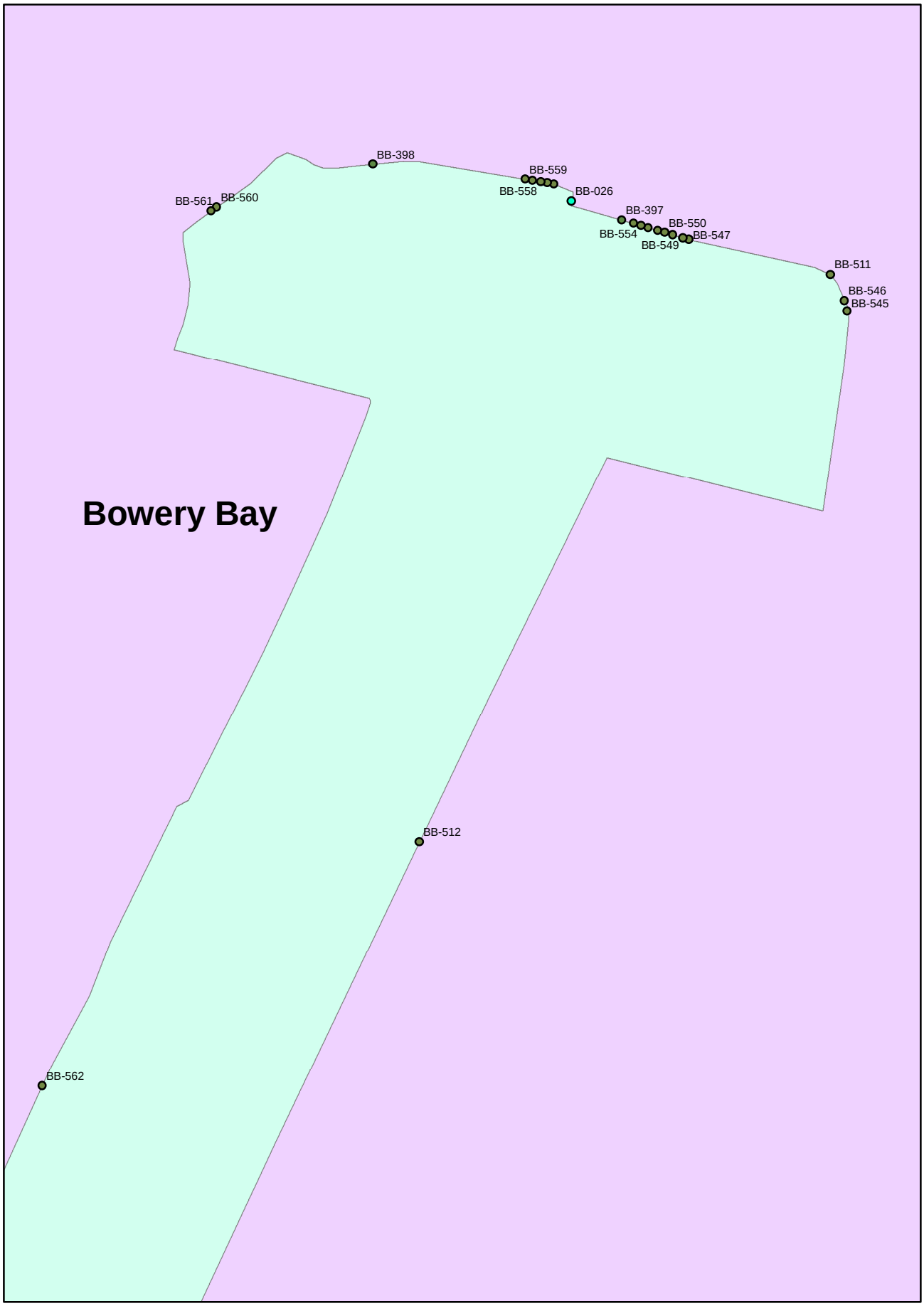
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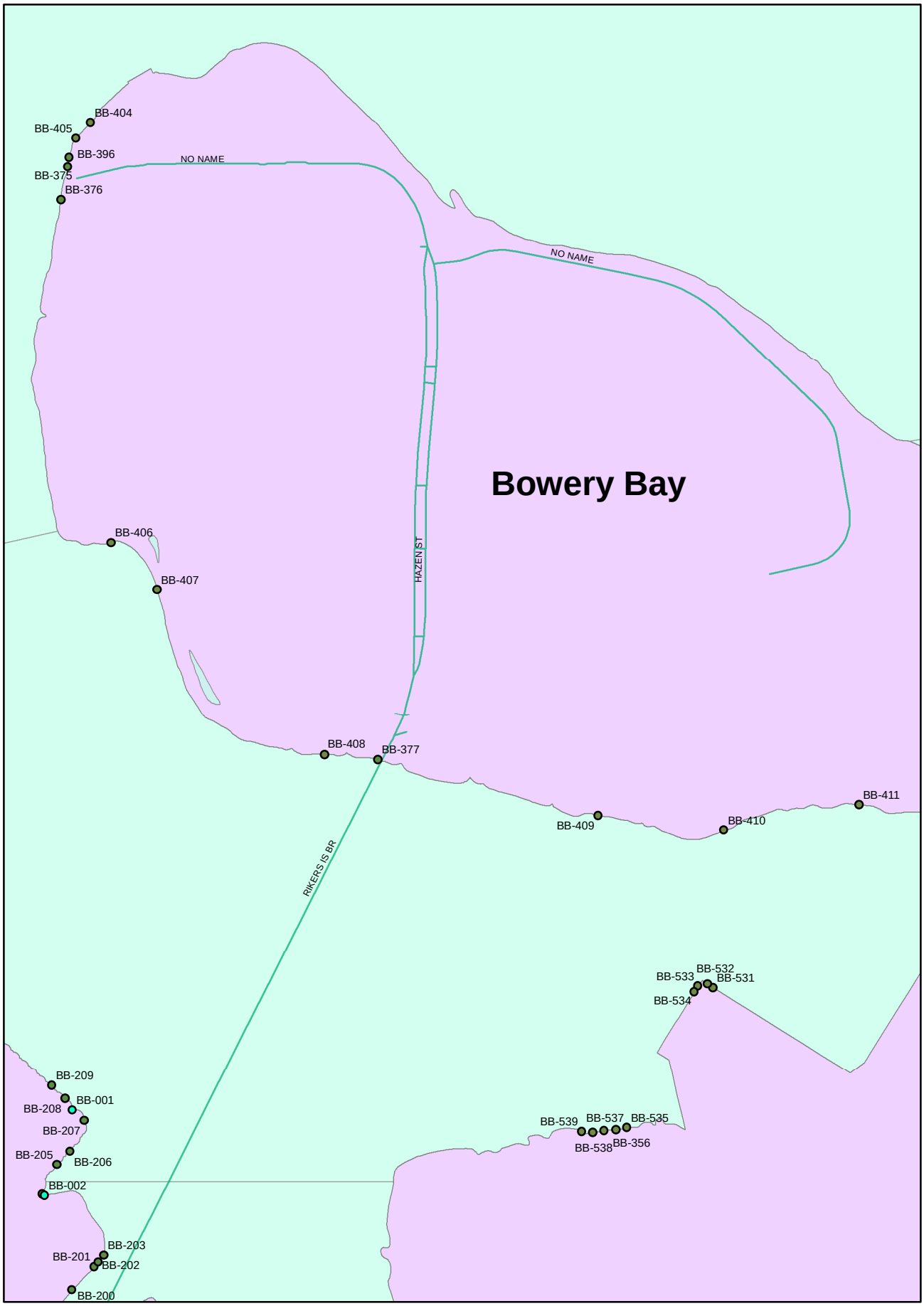
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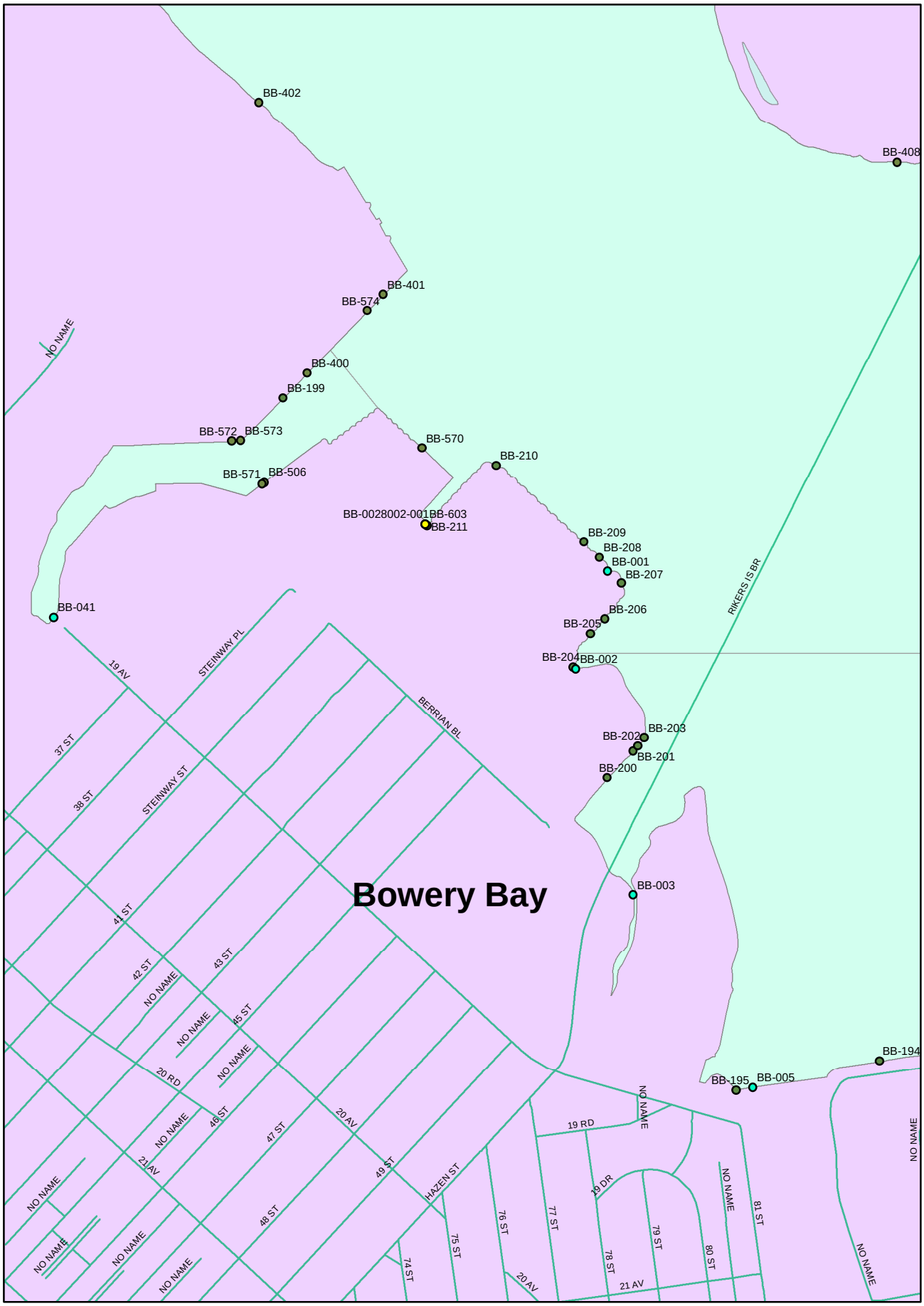
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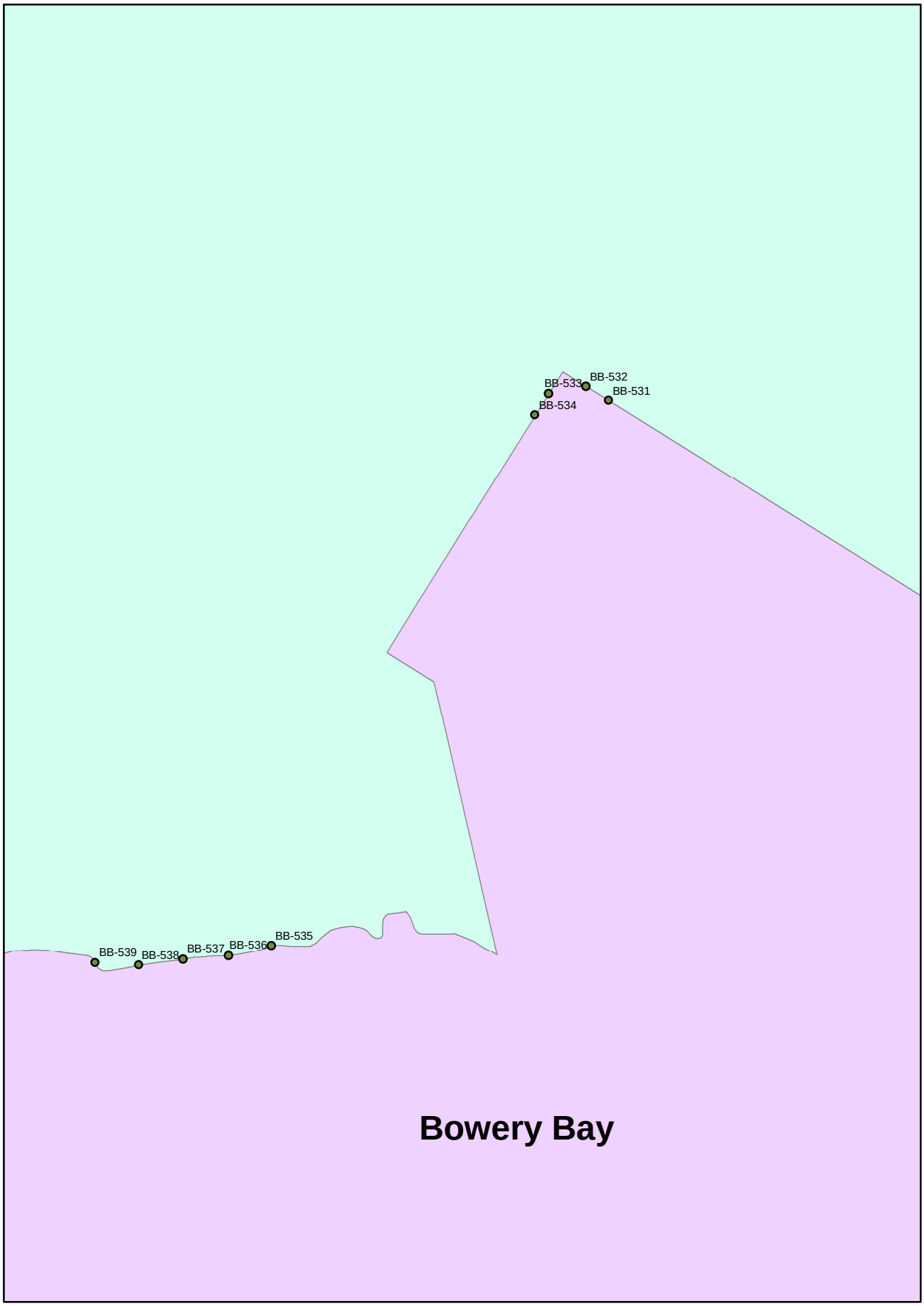
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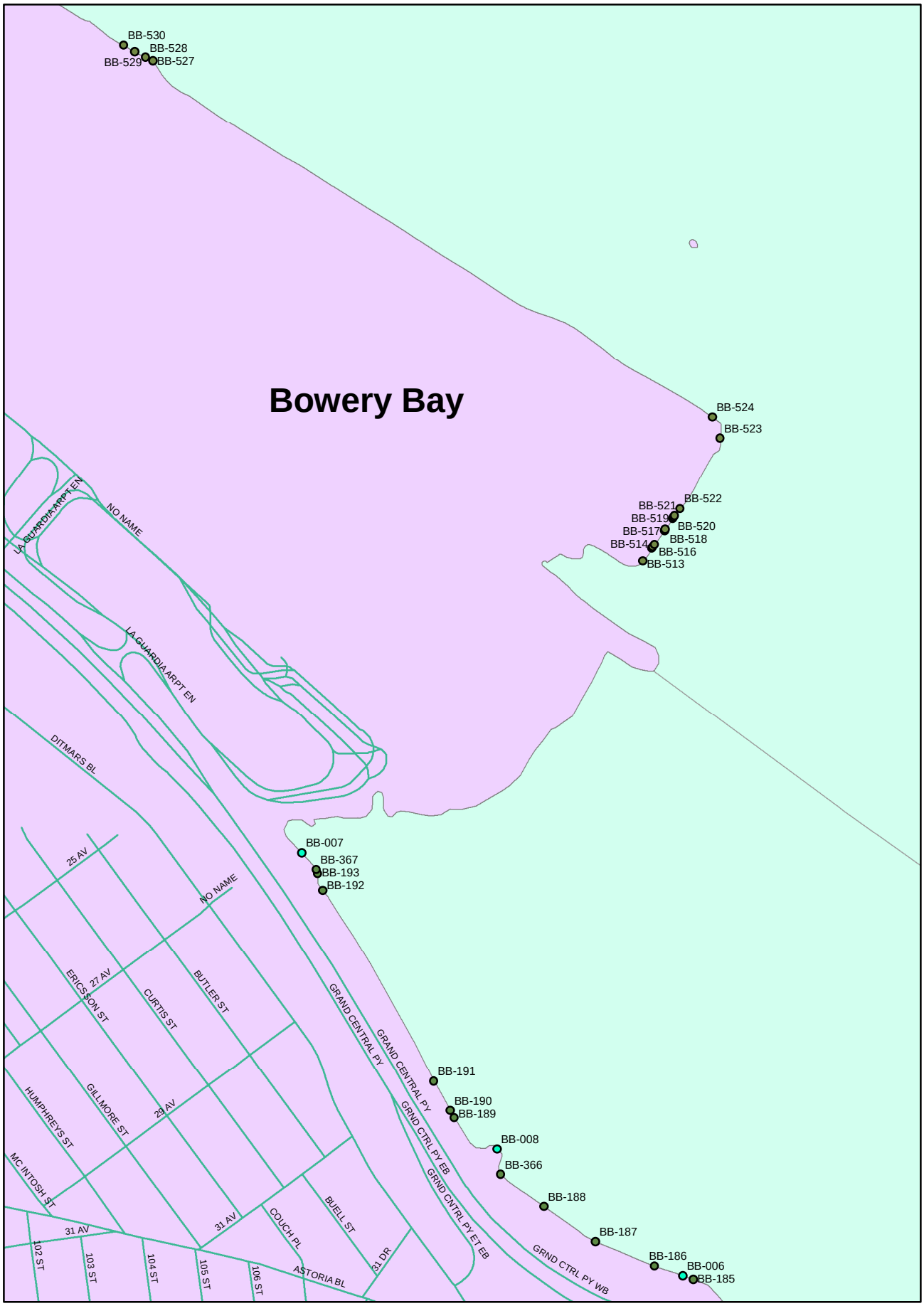
Bowery Bay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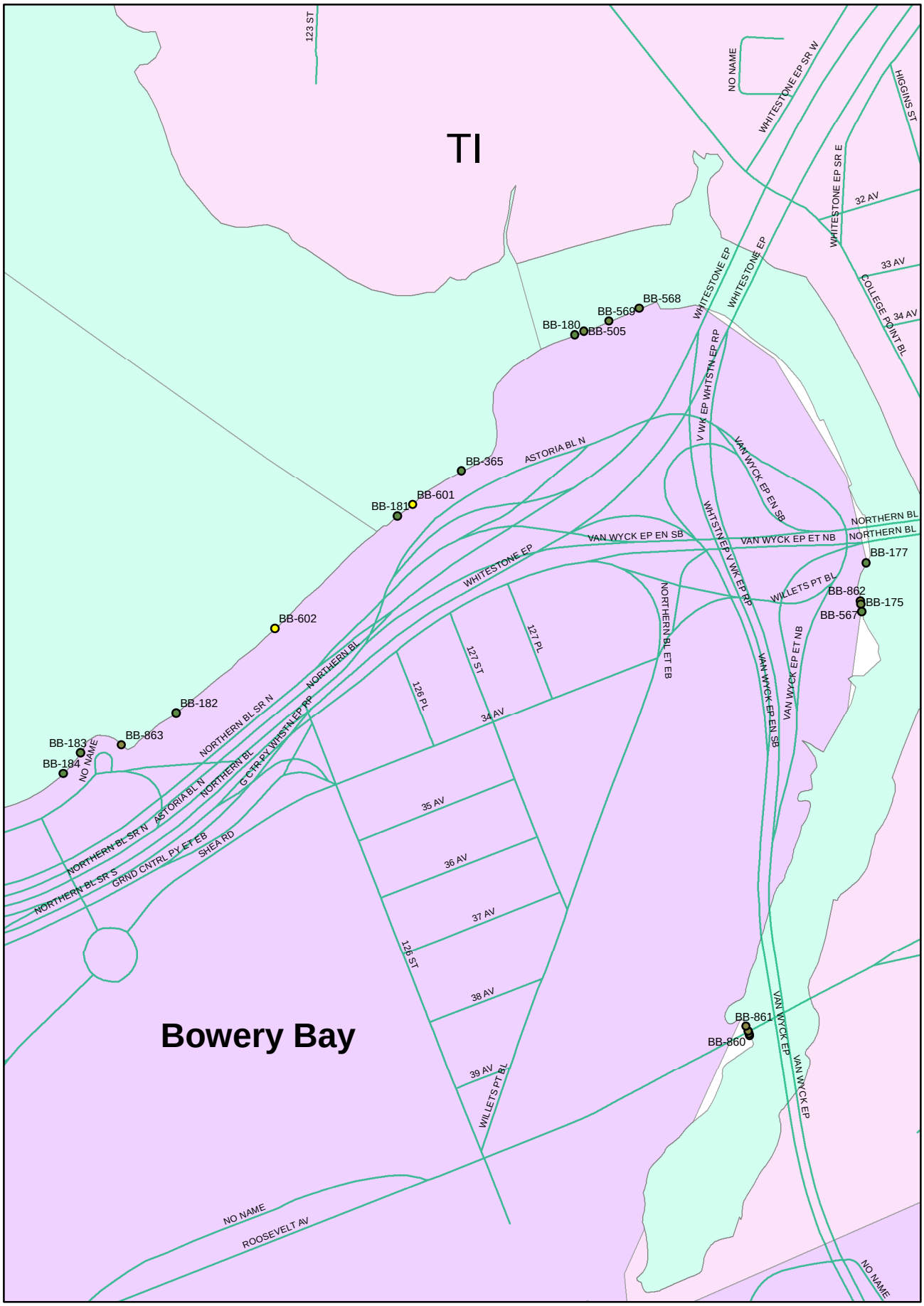
BB-513
LA GUARDIA ARPT EN
NO NAME
LA GUARDIA ARPT EN
DITMARS BL
BB-007
BB-367
BB-193
BB-192
25 AV
NO NAME
27 AV
ERICSSON ST
CURTIS ST
BUTLER ST
GRAND CENTRAL PY
GRAND CENTRAL PY
GRND CTRL PY EB
GRND CNTRL PY ET EB
BB-191
BB-190
BB-189
BB-008
BB-366
BB-188
BB-187
BB-186
BB-006
BB-185
GRND CTRL PY WB
HUMPHREYS ST
GILLMORE ST
29 AV
MC INTOSH ST
31 AV
31 AV
COUCH PL
BUELL ST
31 DR
ASTORIA BL
102 ST
103 ST
104 ST
105 ST
106 ST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Bowery Bay
123 ST
NO NAME
WHITESTONE EP SR W
HIGGINS ST
WHITESTONE EP SR E
32 AV
33 AV
34 AV
COLLEGE POINT BL
WHITESTONE EP
WHITESTONE EP
BB-568
BB-569
BB-180
BB-505
V WK EP WHTSTN EP RP
VAN WYCK EP EN SB
ASTORIA BL N
BB-365
BB-601
BB-181
WHTSTN EP V WK EP RP
NORTHERN BL
NORTHERN BL
VAN WYCK EP EN SB
VAN WYCK EP ET NB
BB-177
WHITESTONE EP
WILLETS PT BL
BB-862
BB-175
BB-567
BB-602
NORTHERN BL ET EB
127 ST
127 PL
126 PL
NORTHERN BL
BB-182
NORTHERN BL SR N
34 AV
BB-863
BB-183
BB-184
NO NAME
G CTR PY WHTSTN EP RP
NORTHERN BL
ASTORIA BL N
NORTHERN BL SR N
GRND CNTRL PY ET EB
SHEA RD
NORTHERN BL SR S
35 AV
36 AV
37 AV
126 ST
38 AV
39 AV
WILLETS PT BL
VAN WYCK EP EN SB
VAN WYCK EP ET NB
BB-861
BB-860
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VAN WYCK EP
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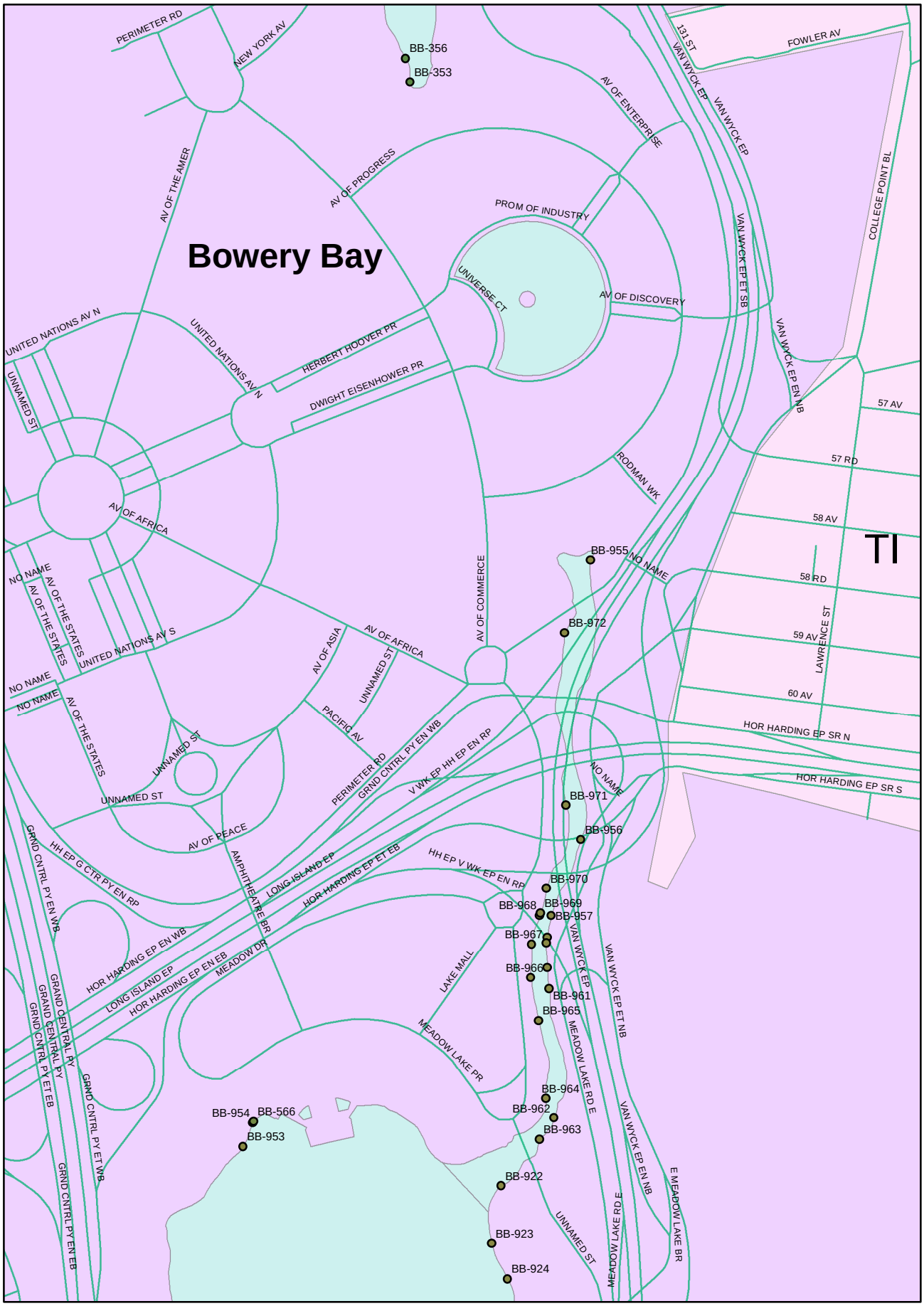
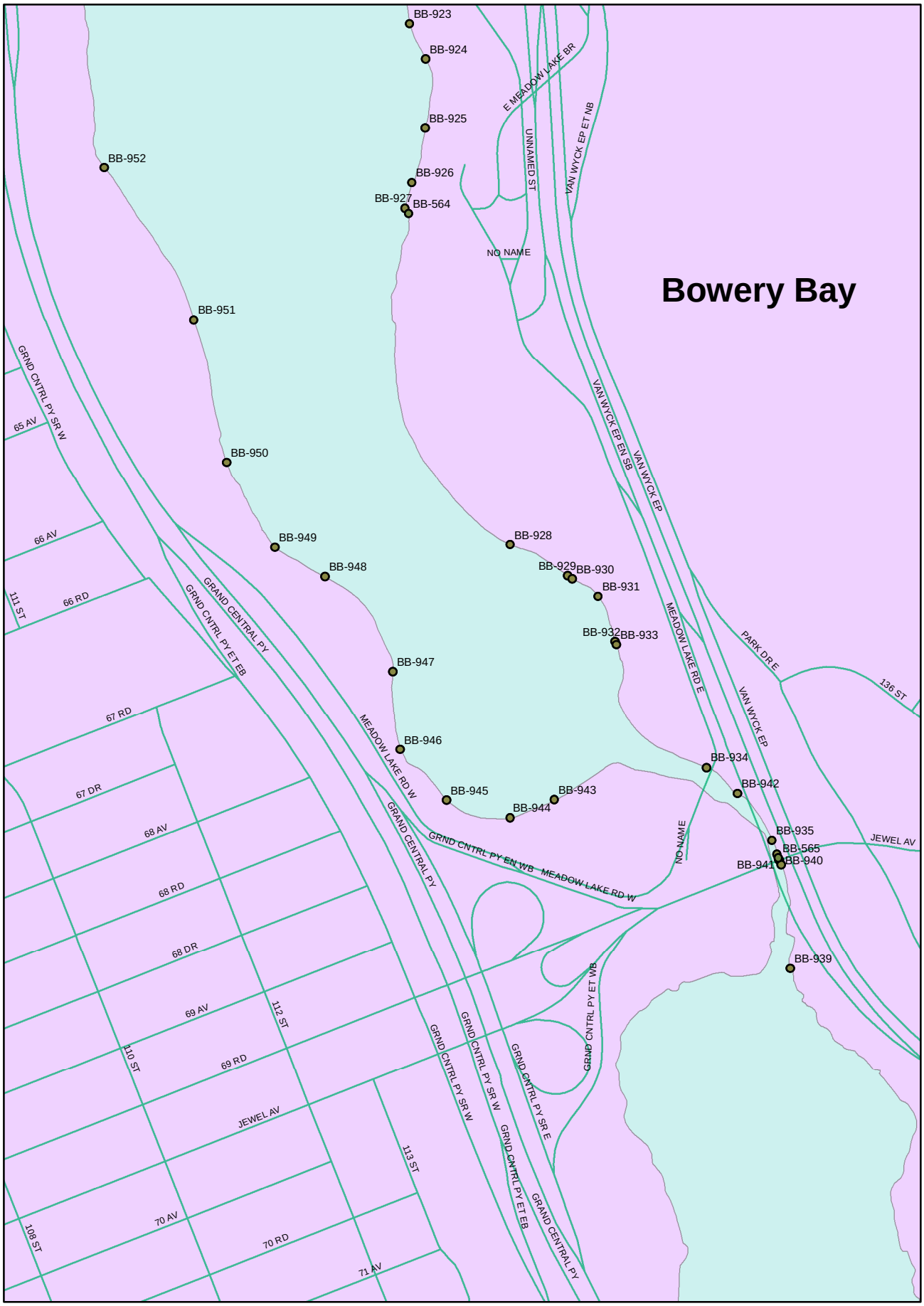
ROOSEVELT AV
NO NAME


Bowery Bay
TI
PERIMETER RD
NEW YORK AV
BB-356
BB-353
AV OF ENTERPRISE
131 ST
FOWLER AV
VAN WYCK EP
VAN WYCK EP
COLLEGE POINT BL
AV OF THE AMER
AV OF PROGRESS
PROM OF INDUSTRY
VAN WYCK EP ET SB
UNIVERSE CT
AV OF DISCOVERY
VAN WYCK EP EN NB
UNITED NATIONS AV N
UNITED NATIONS AV N
HERBERT HOOVER PR
DWIGHT EISENHOWER PR
UNNAMED ST
57 AV
57 RD
RODMAN WK
AV OF AFRICA
58 AV
BB-955
NO NAME
58 RD
NO NAME
AV OF THE STATES
AV OF THE STATES
AV OF COMMERCE
BB-972
59 AV
LAWRENCE ST
UNITED NATIONS AV S
AV OF ASIA
AV OF AFRICA
UNNAMED ST
NO NAME
NO NAME
60 AV
AV OF THE STATES
PACIFIC AV
HOR HARDING EP SR N
UNNAMED ST
PERIMETER RD
GRND CNTRL PY EN WB
V WK EP HH EP EN RP
NO NAME
HOR HARDING EP SR S
UNNAMED ST
BB-971
AV OF PEACE
BB-956
GRND CNTRL PY EN WB
HH EP G CTR PY EN RP
AMPHITHEATRE BR
LONG ISLAND EP
HOR HARDING EP ET EB
HH EP V WK EP EN RP
BB-970
BB-968
BB-969
BB-957
BB-967
VAN WYCK EP
VAN WYCK EP ET NB
HOR HARDING EP EN WB
LAKE MALL
BB-966
LONG ISLAND EP
HOR HARDING EP EN EB
MEADOW DR
BB-961
BB-965
GRAND CENTRAL PY
GRAND CENTRAL PY
GRND CNTRL PY ET EB
MEADOW LAKE RD E
MEADOW LAKE PR
BB-964
BB-962
BB-954
BB-566
BB-953
BB-963
VAN WYCK EP EN NB
GRND CNTRL PY ET WB
BB-922
E MEADOW LAKE BR
UNNAMED ST
BB-923
MEADOW LAKE RD E
GRND CNTRL PY EN EB
BB-924


Bowery Bay
BB-923
BB-924
BB-925
BB-926
BB-927
BB-564
BB-952
BB-951
BB-950
BB-949
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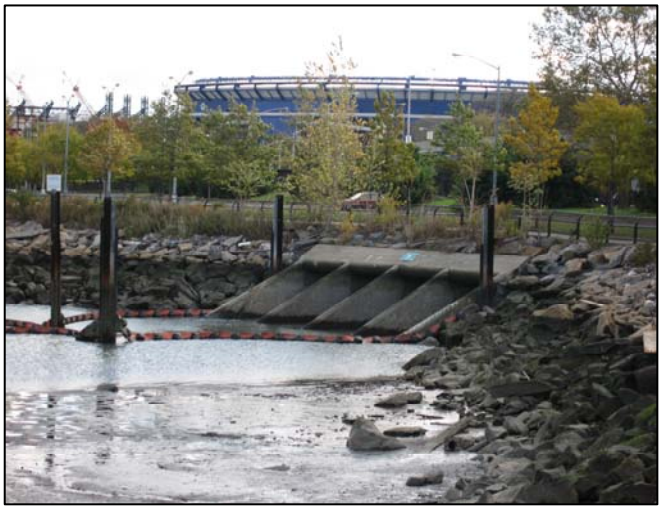
BB-947
BB-946
BB-945
BB-944
BB-943
BB-928
BB-929
BB-930
BB-931
BB-932
BB-933
BB-934
BB-942
BB-935
BB-565
BB-940
BB-941
BB-939
E MEADOW LAKE BR
UNNAMED ST
VAN WYCK EP ET NB
NO NAME
VAN WYCK EP EN SB
VAN WYCK EP
MEADOW LAKE RD E
PARK DR E
136 ST
JEWEL AV
GRND CNTRL PY SR W
65 AV
66 AV
66 RD
111 ST
GRAND CENTRAL PY
GRND CNTRL PY ET EB
67 RD
67 DR
68 AV
68 RD
68 DR
69 AV
69 RD
JEWEL AV
70 AV
70 RD
71 AV
108 ST
110 ST
112 ST
113 ST
MEADOW LAKE RD W
GRND CNTRL PY EN WB
GRND CNTRL PY ET WB
GRND CNTRL PY SR E
GRND CNTRL PY ET EB

Outfall ID: BB-002
Location: 45TH STREET (REG # 2)
Latitude: 40° 46' 46"
Longitude: 73° 53' 33"
Outfall Size: 9' X 9'
Receiving Water: RIKERS ISLAND CHANNEL (S)

Outfall ID: BB-003
Location: HAZEN STREET (REG # 13)
Latitude: 40° 46' 35"
Longitude: 73° 53' 29"
Outfall Size: 66" DIA
Receiving Water: BOWERY BAY (W)

Outfall ID: BB-004
Location: BORDEN AVENUE
Latitude: 40° 44' 21"
Longitude: 73° 56' 33"
Outfall Size: 6' 6" X 3' 3"
Receiving Water: DUTCH KILLS (E)

Outfall ID: BB-005
Location: E/O 81ST STREET (REG # 14)
Latitude: 40° 46' 25"
Longitude: 73° 53' 21"
Outfall Size: 14' 7" X 8'
Receiving Water: BOWERY BAY (S)



Outfall ID: BB-006
Location: 114TH STREET (REG # 10, 12 & 13)
Latitude: 40° 45' 39"
Longitude: 73° 51' 21"
Outfall Size: 4 DBL 10' 6" X 9' 3"
Receiving Water: FLUSHING BAY (S)

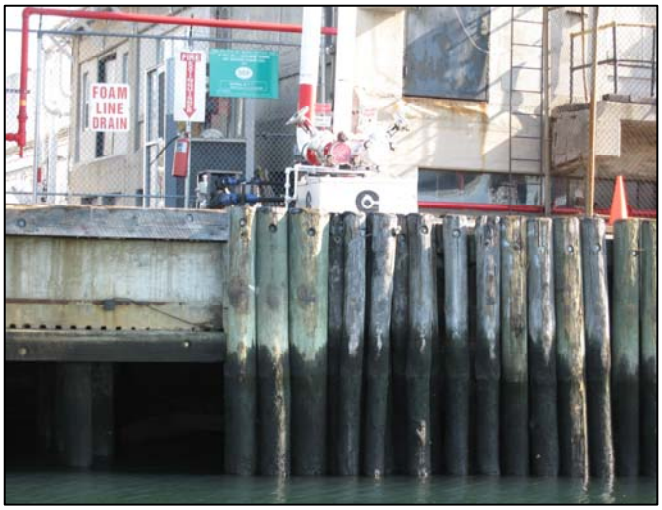
Outfall ID: BB-007
Location: 27TH AVENUE (REG # 5)
Latitude: 40° 45' 59"
Longitude: 73° 51' 45"
Outfall Size: 11' X 7' 6"
Receiving Water: FLUSHING BAY (SW)

Outfall ID: BB-008
Location: 31ST DRIVE (REG # 6, 7, 8, 9)
Latitude: 40° 45' 45"
Longitude: 73° 51' 32"
Outfall Size: DBL 13' 9" X 8'
Receiving Water: FLUSHING BAY (SW)

Outfall ID: BB-009
Location: HUNTERS POINT AVENUE (REG # L-3B, L-37, L-38, L-41, L-3A)
Latitude: 40° 44' 27"
Longitude: 73° 56' 25"
Outfall Size: 11' X 4' 6"
Receiving Water: DUTCH KILLS (E)

Outfall ID: BB-010
Location: QNS-MIDTOWN EXPWAY (REG # L-3C)
Latitude: 40° 44' 22"
Longitude: 73° 56' 30"
Outfall Size: 30" DIA
Receiving Water: DUTCH KILLS (E)

Outfall ID: BB-011
Location: GREENPOINT AVE BRIDGE (REG # L-1)
Latitude: 40° 44' 0"
Longitude: 73° 56' 24"
Outfall Size: 24" DIA
Receiving Water: NEWTOWN CREEK (N)



Outfall ID: BB-012
Location: 35TH STREET (REG # L-2)
Latitude: 40° 44' 4"
Longitude: 73° 56' 26"
Outfall Size: 24" DIA
Receiving Water: NEWTOWN CREEK (N)

Outfall ID: BB-013
Location: 11TH STREET (REG # L-8)
Latitude: 40° 44' 22"
Longitude: 73° 57' 9"
Outfall Size: 72" DIA
Receiving Water: NEWTOWN CREEK (N)

Outfall ID: BB-014
Location: VERNON BOULEVARD (REG # L-9)
Latitude: 40° 44' 23"
Longitude: 73° 57' 18"
Outfall Size: 22" DIA
Receiving Water: NEWTOWN CREEK (N)

Outfall ID: BB-015
Location: 5TH STREET (REG # L-10)
Latitude: 40° 44' 23"
Longitude: 73° 57' 25"
Outfall Size: 15" DIA
Receiving Water: NEWTOWN CREEK (N)

Outfall ID: BB-016
Location: 51ST AVENUE (REG # L-11)
Latitude: 40° 44' 36"
Longitude: 73° 57' 39"
Outfall Size: 24" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: BB-017
Location: 50TH AVENUE (REG # L-12)
Latitude: 40° 44' 37"
Longitude: 73° 57' 35"
Outfall Size: 15" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: BB-018
Location: 49TH AVENUE (REG # L-12A)
Latitude: 40° 44' 40"
Longitude: 73° 57' 32"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER (E)

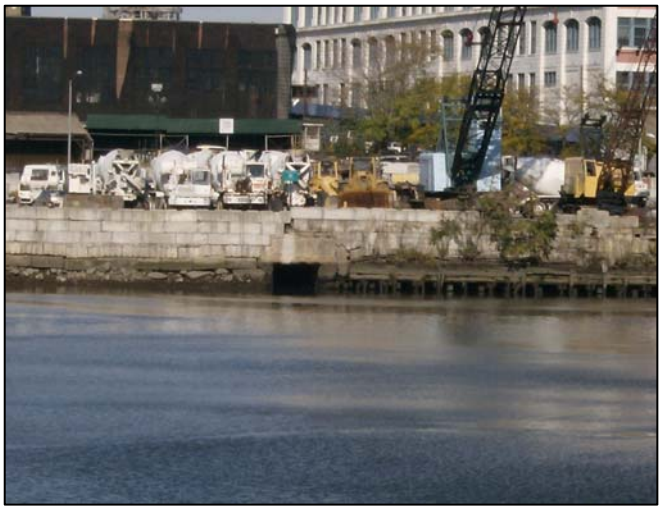
Outfall ID: BB-021
Location: 47TH AVENUE (REG # L-15)
Latitude: 40° 44' 47"
Longitude: 73° 57' 32"
Outfall Size: 48" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: BB-022
Location: 5TH STREET (REG # L-16)
Latitude: 40° 44' 53"
Longitude: 73° 57' 17"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER - CANAL (S)

Outfall ID: BB-023
Location: 44TH DRIVE (REG # L-17)
Latitude: 40° 44' 59"
Longitude: 73° 57' 20"
Outfall Size: 66" DIA
Receiving Water: EAST RIVER (E)

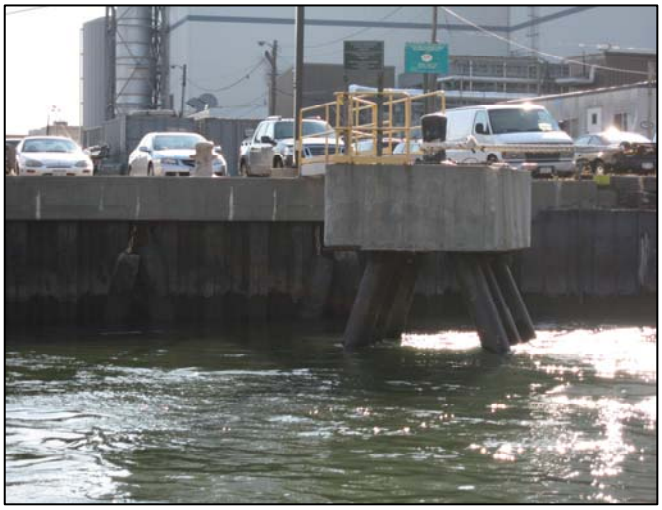
Outfall ID: BB-024
Location: 43RD AVENUE (REG # L-18)
Latitude: 40° 45' 13"
Longitude: 73° 57' 8"
Outfall Size: 7' 8" X 7' 7"
Receiving Water: EAST RIVER (E)

Outfall ID: BB-025
Location: 41ST AVENUE (REG # L-19)
Latitude: 40° 45' 26"
Longitude: 73° 56' 57"
Outfall Size: 48" DIA
Receiving Water: EAST RIVER (E)



Outfall ID: BB-026
Location: BETWEEN 28TH & 29TH ST. (REG # L- (4, 39, 40 & 42)
Latitude: 40° 44' 35"
Longitude: 73° 56' 21"
Outfall Size: 9' X 4' 6"
Receiving Water: DUTCH KILLS (N)

Outfall ID: BB-027
Location: 38TH AVENUE (REG # L-20)
Latitude: 40° 45' 37"
Longitude: 73° 56' 49"
Outfall Size: 72" DIA
Receiving Water: EAST RIVER (E)



Outfall ID: BB-028
Location: 37TH AVENUE (REG # L-21)
Latitude: 40° 45' 41"
Longitude: 73° 56' 45"
Outfall Size: DBL 12' X 8' 1-3/4"
Receiving Water: EAST RIVER (E)

Outfall ID: BB-029
Location: BROADWAY(REG # L-22)
Latitude: 40° 46' 7"
Longitude: 73° 56' 16"
Outfall Size: 16' 0" X 7' 0"
Receiving Water: EAST RIVER (E)

Outfall ID: BB-030
Location: 30TH ROAD (REG # L-23)
Latitude: 40° 46' 16"
Longitude: 73° 56' 6"
Outfall Size: 24" DIA
Receiving Water: HALLETS COVE (E)

Outfall ID: BB-032
Location: MAIN AVENUE (REG # L-29 A, # MH-15)
Latitude: 40° 46' 25"
Longitude: 73° 56' 16"
Outfall Size: 48" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: BB-033
Location: 27TH AVENUE (REG # L-27)
Latitude: 40° 46' 33"
Longitude: 73° 56' 13"
Outfall Size: 15" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: BB-034
Location: HOYT AVENUE (REG # L-30)
Latitude: 40° 46' 37"
Longitude: 73° 55' 42"
Outfall Size: 10' 8" X 7' 4"
Receiving Water: POST COVE (E)

Outfall ID: BB-035
Location: DITMARS BLVD (REG # L-31)
Latitude: 40° 46' 58"
Longitude: 73° 55' 12"
Outfall Size: 18" DIA
Receiving Water: HELL GATE (E)

Outfall ID: BB-036
Location: 21ST AVENUE (REG # L-32)
Latitude: 40° 47' 3"
Longitude: 73° 55' 3"
Outfall Size: 24" DIA
Receiving Water: HELL GATE (E)

Outfall ID: BB-037
Location: 20TH AVENUE (REG # L-33)
Latitude: 40° 47' 10"
Longitude: 73° 54' 56"
Outfall Size: 24" DIA
Receiving Water: HELL GATE (E)

Outfall ID: BB-040
Location: 49TH AVENUE (REG # L-5)
Latitude: 40° 44' 27"
Longitude: 73° 56' 27"
Outfall Size: 24" DIA
Receiving Water: DUTCH KILLS (W)

Outfall ID: BB-041
Location: 19TH AVENUE (REG # 1)
Latitude: 40° 46' 49"
Longitude: 73° 54' 8"
Outfall Size: 6' X 6'
Receiving Water: STEINWAY CREEK (E)

Outfall ID: BB-042
Location: W/O 27TH STREET (REG # L-6)
Latitude: 40° 44' 20"
Longitude: 73° 56' 36"
Outfall Size: 12" DIA
Receiving Water: DUTCH KILLS (W)

Outfall ID: BB-043
Location: 11TH STREET (REG # L-7)
Latitude: 40° 44' 22"
Longitude: 73° 57' 8"
Outfall Size: 54" DIA
Receiving Water: NEWTOWN CREEK (N)

Outfall ID: BB-045
Location: 9TH STREET (REG # L-25)
Latitude: 40° 46' 34"
Longitude: 73° 55' 48"
Outfall Size: 8" DIA
Receiving Water: POST COVE (S)

Outfall ID: BB-046
Location: 3RD STREET (REG # L-26)
Latitude: 40° 46' 41"
Longitude: 73° 55' 58"
Outfall Size: 8" DIA
Receiving Water: EAST RIVER (E)

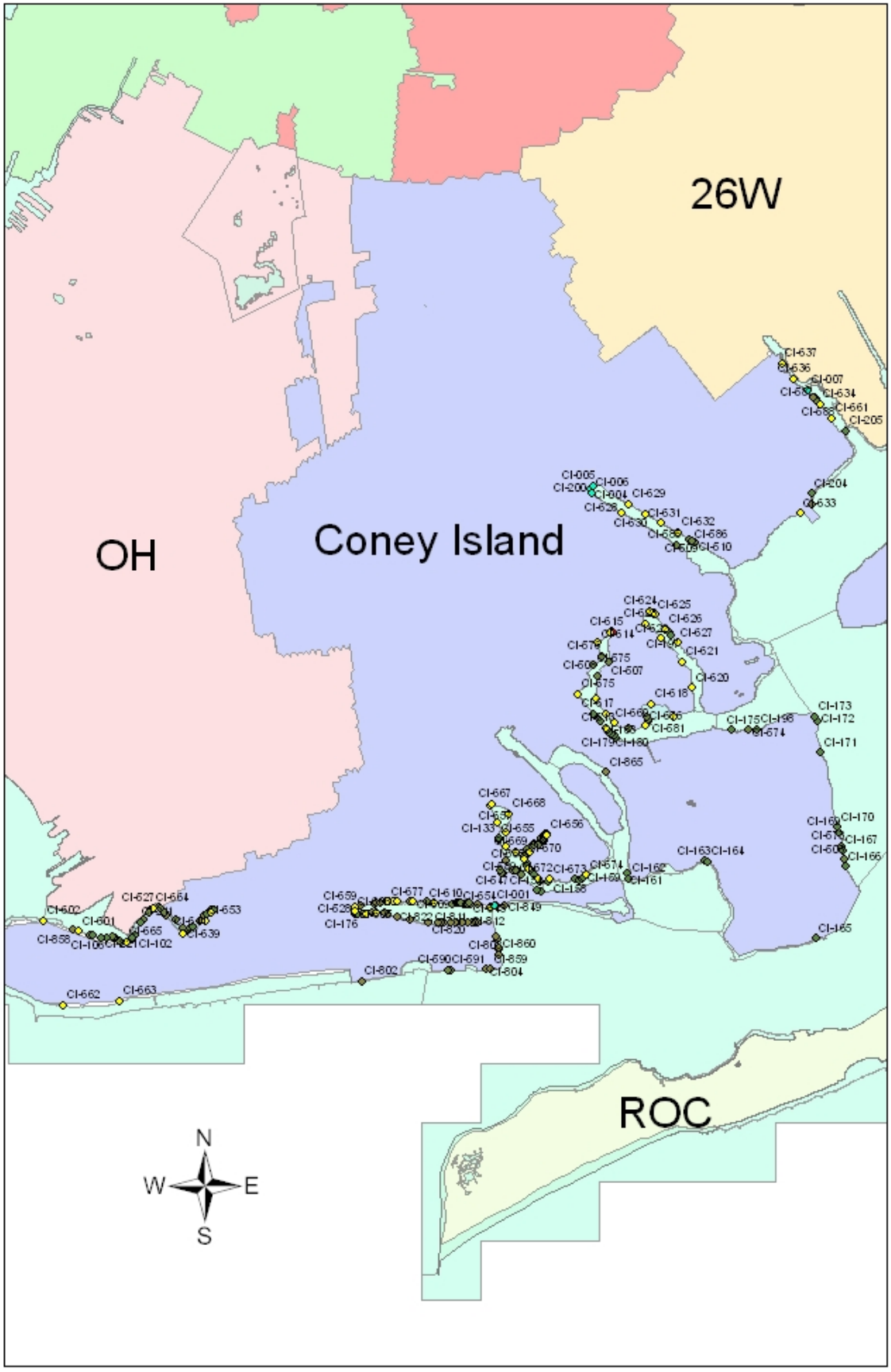
Outfall ID: BB-047
Location: ASTORIA BLVD (REG # L-28)
Latitude: 40° 46' 41"
Longitude: 73° 56' 6"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: BB-049
Location: 21ST STREET
Latitude: 40° 44' 21"
Longitude: 73° 57' 1"
Outfall Size: 2' 8" X 4'
Receiving Water: NEWTOWN CREEK (N)

Outfall ID: BB-053
Location: 20TH AVENUE
Latitude: 40° 47' 10"
Longitude: 73° 54' 56"
Outfall Size: 48" DIA
Receiving Water: HELL GATE (E)

Outfall ID: BB-001
Location: BOWERY BAY W.P.C.P. OUTFALL
Latitude: 40° 46' 51"
Longitude: 73° 53' 31"
Outfall Size: 90" DIA
Receiving Water: BOWERY BAY

CONEY ISLAND DRAINAGE AREA



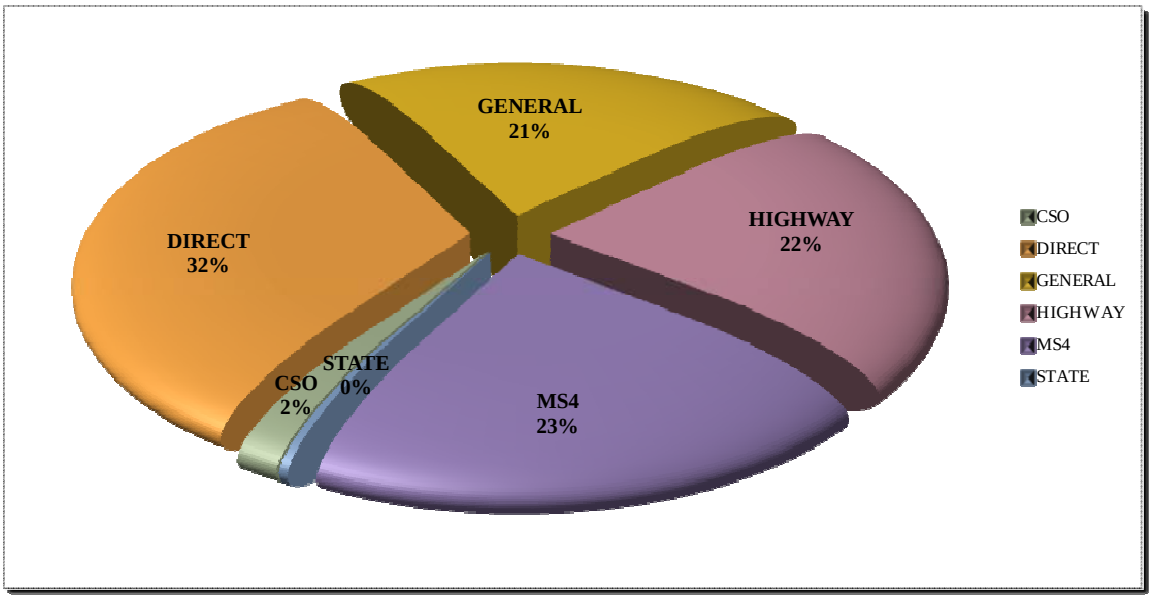
CONEY ISLAD SURVEY REPORT

The survey of the entire drainage area of Coney Island, 37.67 miles of shoreline, resulted in the identification of 274 outfalls. The outfalls consist of 5 combined sewer overflow outfalls, 61 highway outfalls, 57 general outfalls, 88 direct discharge outfalls, 62 storm outfalls and 1 SPDES permitted outfall. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Coney Island Water Pollution Control Plant receives flow from a section of south Brooklyn that stretches from Coney Island Creek in the west to Fresh Creek in the east. The entire drainage area was inspected by boat and inflatable raft.

The survey began at the north side of Coney Island Creek, east of Stillwell Avenue, and proceeded to the head of the creek at the Atlantic Ocean. Crew moved along the shore covering Nortons Point, Sea Gate beach, Coney Island Beach, Sheepshead Bay, Plum Beach, Plum Beach Channel, Shell Bank Creek, Gotham Avenue Canal, Dead Horse Bay, Floyd Bennett Field, Mill Basin, East Mill Basin, Bergen Beach, Paerdegat Basin, Canarsie Beach Park and Fresh Creek Basin.

Percentile representation of Coney Island outfalls



CONEY ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	CI-525	10' SE/O M.T.A. RAILROAD BRIDGE	40	34	53	73	58	51	54" DIA	CONEY ISLAND CREEK (NE)
2	CI-526	W 12TH STREET	40	34	50	73	58	47	6" DIA	CONEY ISLAND CREEK (N)
3	CI-516	W 12TH STREET	40	34	49	73	58	46	10" DIA	CONEY ISLAND CREEK (N)
4	CI-517	100' E/O W 12TH STREET	40	34	49	73	58	44	10" DIA	CONEY ISLAND CREEK (N)
5	CI-518	150' E/O W 12TH STREET	40	34	49	73	58	43	10" DIA	CONEY ISLAND CREEK (N)
6	CI-851	250' E/O W 12TH STREET	40	34	50	73	58	41	6" DIA	CONEY ISLAND CREEK (N)
7	CI-220	250' E/O W 12TH STREET	40	34	50	73	58	41	12" DIA	CONEY ISLAND CREEK (N)
8	CI-852	50' W/O COLLAPSED WOODEN BRIDGE	40	34	53	73	58	37	4" DIA	CONEY ISLAND CREEK (N)
9	CI-850	650' W/O SHORE PARKWAY	40	34	55	73	58	35	10" DIA	CONEY ISLAND CREEK (N)
10	CI-214	600' W/O SHORE PARKWAY	40	34	55	73	58	34	15" DIA	CONEY ISLAND CREEK (N)
11	CI-215	20' W/O SHELL ROAD	40	34	58	73	58	31	36" DIA	CONEY ISLAND CREEK (N)
12	CI-216	15' W/O SHELL ROAD	40	34	57	73	58	30	36" DIA	CONEY ISLAND CREEK (N)
13	CI-641	25' S/O SHORE PARKWAY (HEAD OF CREEK)	40	34	56	73	58	31	102" DIA	CONEY ISLAND CREEK (E)
14	CI-653	1500' SW/O SHORE PARKWAY	40	34	53	73	58	34	6' X 4'	CONEY ISLAND CREEK (SE)
15	CI-639	W 12TH STREET	40	34	47	73	58	47	10' X 8'	CONEY ISLAND CREEK (S)
16	CI-853	100' E/O STILLWELL AVENUE	40	34	55	73	58	56	3" DIA	CONEY ISLAND CREEK (S)
17	CI-511	25' E/O STILLWELL AVENUE	40	34	56	73	58	57	12" DIA	CONEY ISLAND CREEK (S)
18	CI-854	UNDER STILLWELL AVENUE (EAST SIDE)	40	34	57	73	58	58	10" DIA	CONEY ISLAND CREEK (S)
19	CI-855	UNDER STILLWELL AVENUE (WEST SIDE)	40	34	57	73	58	58	10" DIA	CONEY ISLAND CREEK (S)
20	CI-527	HART PLACE	40	34	58	73	58	59	8" DIA	CONEY ISLAND CREEK (S)
21	CI-512	15' W/O HART PLACE	40	34	59	73	58	60	3" DIA	CONEY ISLAND CREEK (S)
22	CI-664	W 15TH STREET	40	34	58	73	59	3	4' X 4'	CONEY ISLAND CREEK (S)
23	CI-513	25' W/O W 15TH STREET (VALCO COMPANY)	40	34	57	73	59	4	3" DIA PVC	CONEY ISLAND CREEK (S)
24	CI-514	75' W/O W 15TH STREET (VALCO COMPANY)	40	34	56	73	59	5	3" DIA	CONEY ISLAND CREEK (S)
25	CI-515	50' E/O CROPSEY AVENUE	40	34	53	73	59	8	4" DIA	CONEY ISLAND CREEK (S)
26	CI-211	UNDER CROPSEY AVENUE DRAWBRIDGE	40	34	52	73	59	10	10" DIA	CONEY ISLAND CREEK (S)
27	CI-102	W 19TH STREET (VERIZON)	40	34	47	73	59	13	12" DIA	CONEY ISLAND CREEK (S)
28	CI-103	500' W/O W 19TH STREET (VERIZONE)	40	34	45	73	59	14	12" DIA	CONEY ISLAND CREEK (S)
29	CI-856	505' W/O W 19TH STREET	40	34	45	73	59	15	3" DIA	CONEY ISLAND CREEK (S)
30	CI-665	W. 21ST STREET	40	34	44	73	59	18	42" DIA	CONEY ISLAND CREEK (S)
31	CI-519	200' E/O W 22ND STREET	40	34	44	73	59	20	3" DIA	CONEY ISLAND CREEK (S)
32	CI-520	100' E/O W 22ND STREET	40	34	44	73	59	21	4" DIA	CONEY ISLAND CREEK (S)
33	CI-521	75' W/O W 22ND STREET	40	34	45	73	59	23	4" DIA	CONEY ISLAND CREEK (S)
34	CI-522	100' W/O W 22ND STREET	40	34	46	73	59	24	4" DIA	CONEY ISLAND CREEK (S)
35	CI-523	175' W/O W 22ND STREET	40	34	46	73	59	25	4" DIA	CONEY ISLAND CREEK (S)
36	CI-104	100' W/O W 23RD STREET	40	34	46	73	59	28	10" DIA	CONEY ISLAND CREEK (S)
37	CI-221	W 24TH STREET	40	34	46	73	59	32	10" DIA	CONEY ISLAND CREEK (S)
38	CI-106	W 25TH STREET	40	34	46	73	59	36	10" DIA	CONEY ISLAND CREEK (S)
39	CI-857	150' E/O W 27TH STREET	40	34	47	73	59	37	10" DIA	CONEY ISLAND CREEK (S)
40	CI-601	W 28TH STREET	40	34	48	73	59	44	3' X 3'	CONEY ISLAND CREEK (S)
41	CI-858	W 29TH STREET	40	34	49	73	59	47	15" DIA	CONEY ISLAND CREEK (S)
42	CI-602	W 33RD STREET	40	34	53	74	0	3	60" DIA	CONEY ISLAND CREEK (S)
43	CI-662	W 32ND STREET	40	34	17	73	59	52	42" DIA	ATLANTIC OCEAN
44	CI-802	WEST END AVENUE	40	34	27	73	57	9	36" DIA	ATLANTIC OCEAN
45	CI-591	W/O NORFOLK STREET	40	34	32	73	56	21	15" DIA	ATLANTIC OCEAN
46	CI-590	NORFOLK STREET	40	34	32	73	56	20	36" DIA	ATLANTIC OCEAN
47	CI-804	DECATUR AVENUE	40	34	32	73	56	0	48" DIA	ATLANTIC OCEAN
48	CI-859	100' E/O DECATUR AVENUE	40	34	32	73	55	58	12" DIA	ATLANTIC OCEAN
49	CI-860	350' S/O ORIENTAL BOULEVARD PIER	40	34	39	73	55	53	8" DIA	ATLANTIC OCEAN
50	CI-805	200' S/O ORIENTAL BOULEVARD PIER	40	34	40	73	55	53	48" DIA	ATLANTIC OCEAN
51	CI-806	100' S/O ORIENTAL BOULEVARD PIER	40	34	42	73	55	54	48" DIA	ATLANTIC OCEAN

CONEY ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	CI-807	150' N/O ORIENTAL BOULEVARD PIER	40	34	45	73	55	54	48" DIA	ATLANTIC OCEAN
53	CI-808	250' N/O ORIENTAL BOULEVARD PIER	40	34	46	73	55	55	48" DIA	ATLANTIC OCEAN
54	CI-663	W 23RD STREET	40	34	19	73	59	21	42" DIA	ATLANTIC OCEAN
55	CI-809	DECATUR AVENUE	40	34	52	73	56	5	10" DIA	SHEEPSHEAD BAY (S)
56	CI-810	100' W/O DECATUR AVENUE	40	34	52	73	56	7	10" DIA	SHEEPSHEAD BAY (S)
57	CI-811	200' E/O QUENTIN STREET	40	34	52	73	56	8	18" DIA	SHEEPSHEAD BAY (S)
58	CI-812	QUENTIN STREET	40	34	52	73	56	10	10" DIA	SHEEPSHEAD BAY (S)
59	CI-813	PEMBROKE STREET	40	34	52	73	56	13	10" DIA	SHEEPSHEAD BAY (S)
60	CI-814	30' E/O OXFORD STREET	40	34	52	73	56	16	8" DIA	SHEEPSHEAD BAY (S)
61	CI-815	OXFORD STREET	40	34	52	73	56	17	24" DIA	SHEEPSHEAD BAY (S)
62	CI-816	20' E/O NORFOLK STREET	40	34	52	73	56	20	10" DIA	SHEEPSHEAD BAY (S)
63	CI-817	100' E/O MACKENZIE STREET	40	34	52	73	56	24	10" DIA	SHEEPSHEAD BAY (S)
64	CI-818	MACKENZIE STREET	40	34	52	73	56	25	24" DIA	SHEEPSHEAD BAY (S)
65	CI-819	100' W/O MACKENZIE STREET	40	34	52	73	56	26	10" DIA	SHEEPSHEAD BAY (S)
66	CI-820	KENSINGTON STREET	40	34	52	73	56	32	24" DIA	SHEEPSHEAD BAY (S)
67	CI-821	HASTINGS STREET	40	34	53	73	56	42	48" DIA	SHEEPSHEAD BAY (S)
68	CI-822	FALMOUTH STREET	40	34	55	73	56	49	18" DIA	SHEEPSHEAD BAY (S)
69	CI-823	100' W/O OCEAN AVENUE	40	34	55	73	56	54	8" DIA	SHEEPSHEAD BAY (S)
70	CI-824	30' W/O PEDESTRIAN BRIDGE	40	34	56	73	56	56	10" DIA	SHEEPSHEAD BAY (S)
71	CI-603	DOVER STREET	40	34	56	73	57	0	60" DIA	SHEEPSHEAD BAY (S)
72	CI-826	75' E/O COLERIDGE STREET	40	34	56	73	57	3	10" DIA	SHEEPSHEAD BAY (S)
73	CI-604	75' E/O BEAUMONT STREET	40	34	56	73	57	6	10" DIA	SHEEPSHEAD BAY (S)
74	CI-828	BEAUMONT STREET	40	34	56	73	57	7	24" DIA	SHEEPSHEAD BAY (S)
75	CI-829	100' W/O BEAUMONT STREET	40	34	56	73	57	8	8" DIA	SHEEPSHEAD BAY (S)
76	CI-176	AMHERST STREET	40	34	55	73	57	10	10" DIA	SHEEPSHEAD BAY (S)
77	CI-528	30' E/O SOUTHWEST CORNER OF CANAL	40	34	55	73	57	11	3" DIA	SHEEPSHEAD BAY (S)
78	CI-831	5' E/O WEST END AVENUE	40	34	56	73	57	12	12" DIA	SHEEPSHEAD BAY (S)
79	CI-666	N/O WEST END AVENUE PIER	40	34	56	73	57	12	72" DIA	SHEEPSHEAD BAY (W)
80	CI-605	SHORE BLVD (40' N/O WEST END AVENUE PIER)	40	34	57	73	57	12	DBL 9' X 5'	SHEEPSHEAD BAY (W)
81	CI-659	SHORE BLVD	40	34	58	73	57	13	102" DIA	SHEEPSHEAD BAY
82	CI-832	E 16TH STREET	40	34	59	73	57	9	8" DIA	SHEEPSHEAD BAY (N)
83	CI-833	SHEEPSHEAD BAY ROAD	40	34	60	73	57	1	10" DIA	SHEEPSHEAD BAY (N)
84	CI-834	SHEEPSHEAD BAY ROAD (E)	40	34	60	73	57	1	24" DIA	SHEEPSHEAD BAY (N)
85	CI-835	E 19TH STREET	40	35	0	73	56	58	10" DIA	SHEEPSHEAD BAY (N)
86	CI-836	30' W/O OCEAN AVENUE	40	35	0	73	56	55	10" DIA	SHEEPSHEAD BAY (N)
87	CI-677	OCEAN AVENUE	40	35	1	73	56	54	DBL 7' x 5'	SHEEPSHEAD BAY
88	CI-113	10' E/O OCEAN AVENUE	40	35	1	73	56	54	36" DIA	SHEEPSHEAD BAY (N)
89	CI-607	E 21ST STREET (UNDER PIER 1)	40	35	1	73	56	51	10" DIA	SHEEPSHEAD BAY (N)
90	CI-838	E 21ST STREET (UNDER PIER 1)	40	35	1	73	56	51	10" DIA	SHEEPSHEAD BAY (N)
91	CI-529	50' E/O E 21ST STREET	40	35	1	73	56	50	4" DIA	SHEEPSHEAD BAY (N)
92	CI-608	E 22ND STREET (10' W/O PIER 3)	40	35	1	73	56	49	12" DIA	SHEEPSHEAD BAY (N)
93	CI-840	25' W/O PIER 6	40	35	1	73	56	42	10" DIA	SHEEPSHEAD BAY (N)
94	CI-530	100' W/O E 23RD STREET (UNDER PIER 7)	40	35	1	73	56	40	4" DIA	SHEEPSHEAD BAY (N)
95	CI-861	95' W/O E 23RD STREET (UNDER PIER 7)	40	35	1	73	56	40	10" DIA	SHEEPSHEAD BAY (N)
96	CI-609	E 23RD STREET (15' E/O PIER 7)	40	35	1	73	56	40	12" DIA	SHEEPSHEAD BAY (N)
97	CI-531	E 26TH STREET (UNDER PIER 10)	40	35	1	73	56	33	4" DIA	SHEEPSHEAD BAY (N)
98	CI-862	E 26TH STREET (UNDER PIER 10)	40	35	1	73	56	33	10" DIA	SHEEPSHEAD BAY (N)
99	CI-610	E 27TH STREET	40	35	0	73	56	29	DBL 10' X 7'	SHEEPSHEAD BAY (N)
100	CI-532	NOSTRAND AVE	40	34	60	73	56	18	4" DIA	SHEEPSHEAD BAY (N)
101	CI-533	180' W/O LAKE AVENUE	40	34	60	73	56	16	4" DIA	SHEEPSHEAD BAY (N)
102	CI-534	160' W/O LAKE AVENUE	40	34	60	73	56	16	6" DIA	SHEEPSHEAD BAY (N)

CONEY ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	CI-535	130' W/O LAKE AVENUE	40	34	60	73	56	15	8" DIA	SHEEPSHEAD BAY (N)
104	CI-536	65' W/O LAKE AVENUE	40	34	60	73	56	15	8" DIA	SHEEPSHEAD BAY (N)
105	CI-843	W/O BROWN STREET	40	34	60	73	56	13	6" DIA	SHEEPSHEAD BAY (N)
106	CI-844	BROWN STREET	40	34	59	73	56	12	10" DIA	SHEEPSHEAD BAY (N)
107	CI-537	95' E/O BROWN STREET	40	34	59	73	56	12	4" DIA	SHEEPSHEAD BAY (N)
108	CI-538	110' W/O BATCHELDER STREET	40	34	59	73	56	11	3" DIA	SHEEPSHEAD BAY (N)
109	CI-539	96' W/O BATCHELDER STREET	40	34	59	73	56	11	3" DIA	SHEEPSHEAD BAY (N)
110	CI-540	95' W/O BATCHELDER STREET	40	34	59	73	56	11	3" DIA	SHEEPSHEAD BAY (N)
111	CI-541	80' W/O BATCHELDER STREET	40	34	59	73	56	10	4" DIA	SHEEPSHEAD BAY (N)
112	CI-542	60' W/O BATCHELDER STREET	40	34	60	73	56	10	4" DIA	SHEEPSHEAD BAY (N)
113	CI-543	20' W/O BATCHELDER STREET	40	34	60	73	56	9	4" DIA	SHEEPSHEAD BAY (N)
114	CI-845	W/O BATCHELDER STREET	40	34	60	73	56	9	10" DIA	SHEEPSHEAD BAY (N)
115	CI-846	BATCHELDER STREET	40	34	60	73	56	9	6" DIA	SHEEPSHEAD BAY (N)
116	CI-847	FORD STREET	40	34	59	73	56	5	10" DIA	SHEEPSHEAD BAY (N)
117	CI-654	BRAGG COURT	40	34	59	73	55	58	84" DIA	SHEEPSHEAD BAY
118	CI-001	CONEY ISLAND W.P.C.P OUTFALL	40	34	59	73	55	56	96" DIA	ROCKAWAY INLET
119	CI-848	BRIGHAM STREET	40	34	59	73	55	55	4' X 2'	SHEEPSHEAD BAY (N)
120	CI-849	KNAPP STREET	40	34	59	73	55	50	48" DIA	SHEEPSHEAD BAY (N)
121	CI-118	50' E/O EMMONS AVENUE	40	35	5	73	55	31	18" DIA	PLUMB BEACH CHANNEL (S)
122	CI-119	45' W/O EMMONS AVENUE	40	35	6	73	55	32	18" DIA	PLUMB BEACH CHANNEL (S)
123	CI-589	HARKNESS AVENUE	40	35	12	73	55	41	4" DIA PVC	SHELL BANK CREEK (SW)
124	CI-501	10' W/O PLUMB 3RD STREET	40	35	14	73	55	43	8" DIA	HARKNESS AVENUE CANAL (S)
125	CI-502	20' W/O PLUMB 3RD STREET	40	35	14	73	55	44	8" DIA	HARKNESS AVENUE CANAL (S)
126	CI-524	25' W/O PLUMB 3RD STREET	40	35	14	73	55	44	6" DIA	HARKNESS AVENUE CANAL (S)
127	CI-863	75' W/O PLUMB 3RD STREET	40	35	13	73	55	46	18" DIA	HARKNESS AVENUE CANAL (S)
128	CI-544	25' W/O PLUMB 1ST STREET	40	35	13	73	55	51	4" DIA	HARKNESS AVENUE CANAL (S)
129	CI-545	30' W/O PLUMB 1ST STREET	40	35	13	73	55	51	4" DIA	HARKNESS AVENUE CANAL (S)
130	CI-546	30' W/O PLUMB 1ST STREET	40	35	13	73	55	51	6" DIA	HARKNESS AVENUE CANAL (S)
131	CI-547	KNAPP STREET	40	35	14	73	55	53	8" DIA	HARKNESS AVENUE CANAL (W)
132	CI-864	VOORHIES AVENUE	40	35	18	73	55	49	24" DIA	HARKNESS AVENUE CANAL (N)
133	CI-506	N/O AVENUE Z (WPCP)	40	35	27	73	55	53	4" DIA	SHELL BANK CREEK (W)
134	CI-133	N/O AVENUE Z (WPCP)	40	35	27	73	55	53	3" DIA	SHELL BANK CREEK (W)
135	CI-667	ALLEN AVENUE	40	35	41	73	55	57	12" DIA	SHELL BANK CREEK (W)
136	CI-657	AVENUE X	40	35	41	73	55	58	36" DIA	SHELL BANK CREEK (W)
137	CI-668	CHANNEL AVENUE	40	35	37	73	55	48	3' X 4'	SHELL BANK CREEK (E)
138	CI-611	DEVON AVENUE	40	35	30	73	55	50	3' X 4'	SHELL BANK CREEK (E)
139	CI-612	EVERETT AVENUE	40	35	24	73	55	49	48" DIA	SHELL BANK CREEK (E)
140	CI-669	FLORENCE AVENUE	40	35	21	73	55	44	3' X 3'	SHELL BANK CREEK (E)
141	CI-549	HAZEL STREET	40	35	23	73	55	37	4" DIA	GOTHAM AVENUE CANAL (N)
142	CI-550	50' E/O HAZEL STREET	40	35	22	73	55	37	4" DIA	GOTHAM AVENUE CANAL (N)
143	CI-551	FANE COURT	40	35	25	73	55	34	8" DIA	GOTHAM AVENUE CANAL (N)
144	CI-552	FANE COURT	40	35	25	73	55	34	8" DIA	GOTHAM AVENUE CANAL (N)
145	CI-553	CELEST COURT	40	35	27	73	55	30	3" DIA	GOTHAM AVENUE CANAL (N)
146	CI-554	HEAVY COURT	40	35	28	73	55	29	4" DIA	GOTHAM AVENUE CANAL (N)
147	CI-555	50' E/O HEAVY COURT	40	35	28	73	55	28	4" DIA	GOTHAM AVENUE CANAL (N)
148	CI-556	75' E/O HEAVY COURT	40	35	29	73	55	28	4" DIA	GOTHAM AVENUE CANAL (N)
149	CI-557	ASTER COURT	40	35	29	73	55	28	6" DIA PVC	GOTHAM AVENUE CANAL (N)
150	CI-558	50' E/O ASTER COURT	40	35	29	73	55	27	4" DIA	GOTHAM AVENUE CANAL (N)
151	CI-656	GERRITSEN AVENUE	40	35	28	73	55	27	15" DIA	GOTHAM AVENUE CANAL (E)
152	CI-559	CANTON AVENUE	40	35	27	73	55	28	6" DIA	GOTHAM AVENUE CANAL (S)
153	CI-560	CANTON AVENUE	40	35	27	73	55	28	6" DIA	GOTHAM AVENUE CANAL (S)

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NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	CI-561	50' W/O CANTON AVENUE	40	35	26	73	55	29	4" DIA	GOTHAM AVENUE CANAL (S)
155	CI-562	75' W/O CANTON AVENUE	40	35	26	73	55	29	4" DIA	GOTHAM AVENUE CANAL (S)
156	CI-563	EATON COURT	40	35	25	73	55	30	6" DIA	GOTHAM AVENUE CANAL (S)
157	CI-564	25' W/O EATON COURT	40	35	25	73	55	31	6" DIA	GOTHAM AVENUE CANAL (S)
158	CI-565	100' W/O EATON COURT	40	35	25	73	55	31	3" DIA PVC	GOTHAM AVENUE CANAL (S)
159	CI-566	150' W/O EATON COURT	40	35	24	73	55	32	6" DIA PVC	GOTHAM AVENUE CANAL (S)
160	CI-658	IVAN COURT	40	35	21	73	55	36	12" DIA	GOTHAM AVENUE CANAL (S)
161	CI-567	JUST COURT	40	35	21	73	55	37	4" DIA PVC	GOTHAM AVENUE CANAL (S)
162	CI-568	25' W/O JUST COURT	40	35	21	73	55	37	4" DIA PVC	GOTHAM AVENUE CANAL (S)
163	CI-569	50' W/O JUST COURT	40	35	21	73	55	38	4" DIA	GOTHAM AVENUE CANAL (S)
164	CI-570	150' W/O JUST COURT	40	35	20	73	55	39	4" DIA	GOTHAM AVENUE CANAL (S)
165	CI-670	BARTLETT PLACE	40	35	18	73	55	39	48" DIA	SHELL BANK CREEK (E)
166	CI-145	LANDIS PLACE	40	35	16	73	55	38	18" DIA	SHELL BANK CREEK (E)
167	CI-146	MERIT COURT	40	35	16	73	55	38	18" DIA	SHELL BANK CREEK (E)
168	CI-147	CYRUS AVENUE	40	35	15	73	55	37	18" DIA	SHELL BANK CREEK (E)
169	CI-671	CYRUS AVENUE	40	35	15	73	55	37	36" DIA	SHELL BANK CREEK (E)
170	CI-571	75' N/O KEEN COURT	40	35	14	73	55	36	4" DIA	SHELL BANK CREEK (E)
171	CI-572	5' N/O KEEN COURT	40	35	14	73	55	37	4" DIA	SHELL BANK CREEK (E)
172	CI-149	KEEN COURT	40	35	14	73	55	36	18" DIA	SHELL BANK CREEK (E)
173	CI-150	LESTER COURT	40	35	13	73	55	35	18" DIA	SHELL BANK CREEK (E)
174	CI-151	MELBA COURT	40	35	12	73	55	34	18" DIA	SHELL BANK CREEK (E)
175	CI-672	SEBA AVENUE	40	35	10	73	55	32	48" DIA	SHELL BANK CREEK (E)
176	CI-153	OPAL COURT	40	35	9	73	55	31	18" DIA	SHELL BANK CREEK (E)
177	CI-655	AVENUE Y	40	35	34	73	55	54	108" DIA	SHELL BANK CREEK
178	CI-154	MADOC AVENUE	40	35	9	73	55	26	18" DIA	PLUMB BEACH CANAL (N)
179	CI-673	JUST COURT	40	35	10	73	55	25	30" DIA	PLUMB BEACH CANAL (N)
180	CI-156	DARE COURT	40	35	10	73	55	12	18" DIA	PLUMB BEACH CANAL (N)
181	CI-157	CANTON COURT	40	35	10	73	55	9	18" DIA	PLUMB BEACH CANAL (N)
182	CI-158	BEACON COURT	40	35	10	73	55	8	18" DIA	PLUMB BEACH CANAL (N)
183	CI-159	ABBEY COURT	40	35	11	73	55	7	18" DIA	PLUMB BEACH CANAL (N)
184	CI-674	GERRITSEN AVENUE	40	35	12	73	55	5	42" DIA	PLUMB BEACH CANAL (N)
185	CI-865	100' S/O PLUMB ISLAND BRIDGE	40	35	55	73	54	54	24" DIA	MARINE PARK CREEK (E)
186	CI-161	200' N/O BELT PARKWAY	40	35	13	73	54	43	12" DIA	PLUMB BEACH CANAL (E)
187	CI-162	S/O BELT PARKWAY	40	35	10	73	54	42	12" DIA	PLUMB BEACH CANAL (E)
188	CI-163	N/O MARINE PARK DOCK	40	35	18	73	54	1	60" DIA	DEAD HORSE BAY (E)
189	CI-164	S/O MARINE PARK DOCK	40	35	17	73	53	58	36" DIA	DEAD HORSE BAY (E)
190	CI-165	2000' E/O MARINE PARK BRIDGE	40	34	45	73	52	60	36" DIA	ROCKWAY INLET
191	CI-166	500' S/O WHITE SMOKE STACK (FLOYD BENNETT FIELD)	40	35	15	73	52	43	36" DIA	JAMAICA BAY
192	CI-503	SOUTH SIDE COAST GUARD STATION	40	35	18	73	52	44	4" DIA PVC	JAMAICA BAY
193	CI-167	50' N/O SOUTH COAST GUARD BOAT RAMP	40	35	22	73	52	45	12" DIA	JAMAICA BAY
194	CI-573	150' N/O SOUTH COAST GUARD BOAT RAMP	40	35	24	73	52	45	6" DIA	JAMAICA BAY
195	CI-169	100' N/O NORTH COAST GUARD BOAT RAMP	40	35	29	73	52	47	10" DIA	JAMAICA BAY
196	CI-170	200' N/O NORTH COAST GUARD BOAT RAMP	40	35	32	73	52	48	36" DIA	JAMAICA BAY
197	CI-171	1000' S/O NORTH RUNWAY	40	36	3	73	52	57	48" DIA FLAP	JAMAICA BAY
198	CI-172	EAST END OF NORTH RUNWAY	40	36	16	73	52	58	24" DIA	JAMAICA BAY
199	CI-173	150' N/O EAST END OF NORTH RUNWAY	40	36	18	73	52	60	24" DIA	JAMAICA BAY
200	CI-198	2500' E/O BELT PARKWAY BRIDGE	40	36	12	73	53	32	12" DIA	MILL BASIN INLET
201	CI-574	2000' E/O BELT PARKWAY BRIDGE	40	36	13	73	53	36	8" DIA	MILL BASIN INLET
202	CI-175	1000' E/O BELT PARKWAY BRIDGE	40	36	12	73	53	46	36" DIA	MILL BASIN INLET
203	CI-660	E 66TH STREET	40	36	15	73	54	50	30" DIA	MILL BASIN
204	CI-177	10' N/O SEA TRAVELERS MARINA FUEL DOCK	40	36	9	73	54	49	18" DIA	MILL BASIN

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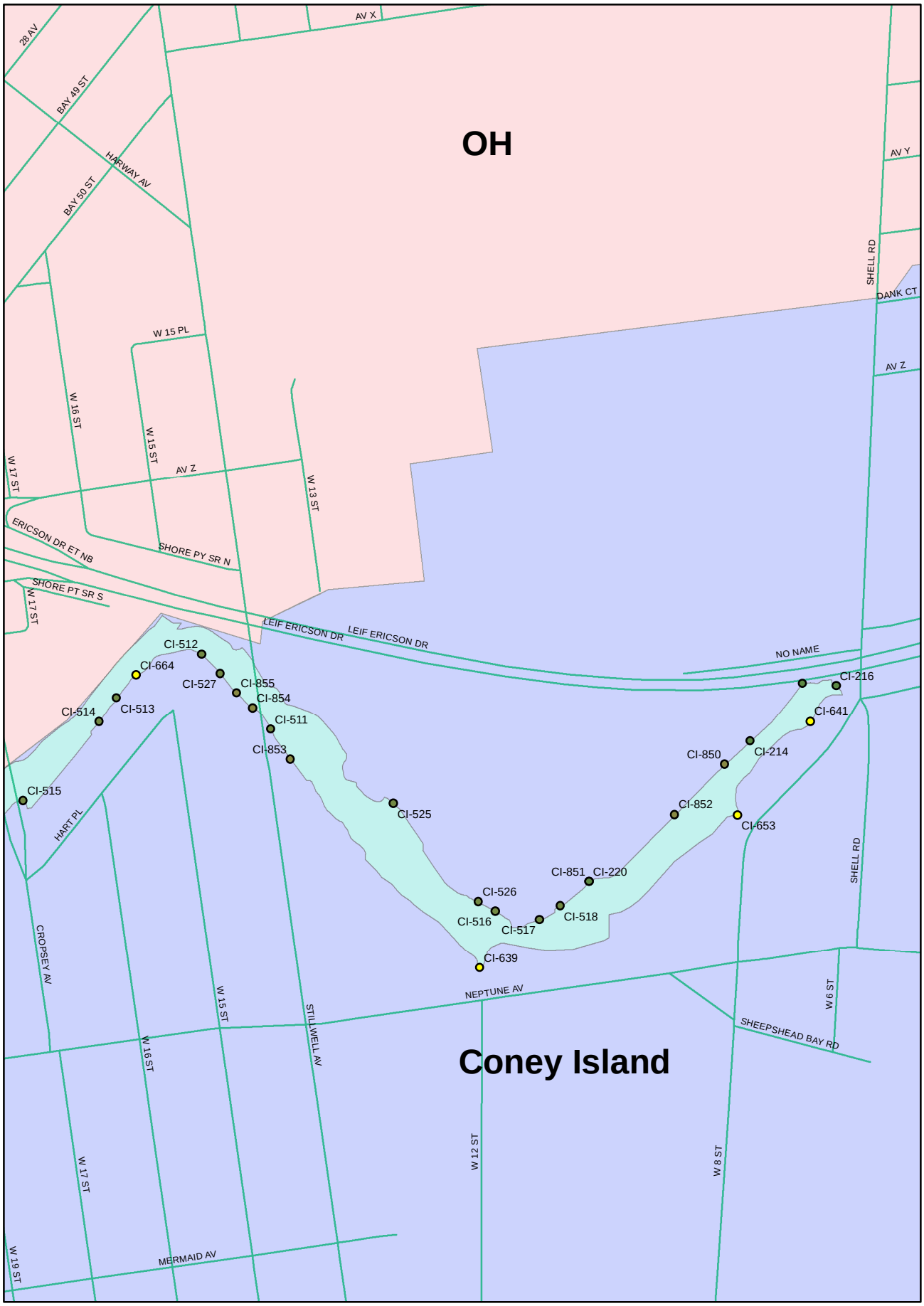
			DEG	MIN	SEC	DEG	MIN	SEC		
205	CI-178	500' N/O SEA TRAVELERS MARINA FUEL DOCK	40	36	10	73	54	50	24" DIA	MILL BASIN
206	CI-179	550' N/O SEA TRAVELERS MARINA FUEL DOCK	40	36	11	73	54	52	18" DIA	MILL BASIN
207	CI-180	OPPOSITE WHITMAN DRIVE	40	36	11	73	54	51	18" DIA	MILL BASIN
208	CI-181	100' N/O OPPOSITE WHITMAN DRIVE	40	36	12	73	54	53	18" DIA	MILL BASIN
209	CI-182	OPPOSITE E 66TH STREET	40	36	12	73	54	54	24" DIA	MILL BASIN
210	CI-613	FLATBUSH AVENUE	40	36	13	73	54	55	DBL 12' X 7'	MILL BASIN
211	CI-183	S/O E 64TH STREET	40	36	16	73	54	58	18" DIA	MILL BASIN
212	CI-184	130' N/O OPPOSITE E 64TH STREET	40	36	19	73	55	0	12" DIA	MILL BASIN
213	CI-185	330' N/O OPPOSITE E 64TH STREET	40	36	19	73	55	1	10" DIA	MILL BASIN
214	CI-675	HENDRICKSON PLACE (KING PLAZA MARINA DOCK - A)	40	36	27	73	55	10	36" DIA	MILL BASIN
215	CI-575	E/O E 56TH STREET	40	36	39	73	55	1	8" DIA FLAP	MILL BASIN
216	CI-576	W/O E 57TH STREET	40	36	43	73	54	57	4" DIA	MILL BASIN
217	CI-614	E/O E 58TH STREET	40	36	49	73	54	59	60" DIA	MILL BASIN
218	CI-615	E 61ST STREET	40	36	53	73	54	52	5' X 7'	MILL BASIN
219	CI-190	40' E/O E 61ST STREET	40	36	54	73	54	52	10" DIA	MILL BASIN
220	CI-0036595-001	MILL AVENUE (100' S/O AVENUE U)	40	36	53	73	54	50	10" DIA PVC	MILL BASIN
221	CI-507	E 59TH PLACE	40	36	41	73	54	53	10" DIA	MILL BASIN
222	CI-508	S/O E 57TH PLACE	40	36	35	73	54	59	8" DIA	MILL BASIN
223	CI-616	STRICKLAND AVENUE	40	36	26	73	54	60	3' X 4' EGG	MILL BASIN
224	CI-617	E 64TH STREET	40	36	19	73	54	54	3' X 4' EGG	MILL BASIN
225	CI-676	56TH DRIVE	40	36	14	73	54	33	18" DIA	MILL BASIN
226	CI-577	ARKANSAS DRIVE	40	36	13	73	54	42	4" DIA PVC	MILL BASIN
227	CI-578	E/O ARKANSAS DRIVE	40	36	13	73	54	42	4" DIA PVC	MILL BASIN
228	CI-579	NATIONAL AVENUE	40	36	16	73	54	31	4" DIA PVC	MILL BASIN
229	CI-580	5' N/O NATIONAL AVENUE	40	36	17	73	54	31	4" DIA PVC	MILL BASIN
230	CI-581	6' N/O NATIONAL AVENUE	40	36	17	73	54	31	4" DIA PVC	MILL BASIN
231	CI-582	50' N/O NATIONAL AVENUE	40	36	18	73	54	32	4" DIA PVC	MILL BASIN
232	CI-583	51' N/O NATIONAL AVENUE	40	36	18	73	54	32	4" DIA PVC	MILL BASIN
233	CI-618	DAKOTA PLACE	40	36	23	73	54	30	3' X 4' EGG	MILL BASIN
234	CI-619	INDIANA PLACE	40	36	18	73	54	17	2' X 2' 6" EGG	MILL BASIN
235	CI-620	BASSET AVENUE	40	36	30	73	54	7	3' X 4' EGG	EAST MILL BASIN
236	CI-621	UTAH WALK	40	36	41	73	54	12	2' X 3' EGG	EAST MILL BASIN
237	CI-622	OHIO WALK	40	36	51	73	54	24	4' X 4'	EAST MILL BASIN
238	CI-623	STRICKLAND AVENUE	40	36	57	73	54	33	3' X 4' EGG	EAST MILL BASIN
239	CI-624	E 68TH STREET	40	37	2	73	54	31	5' X 6'	EAST MILL BASIN
240	CI-584	N/O AVENUE V	40	37	1	73	54	28	4" DIA PVC	EAST MILL BASIN
241	CI-625	AVENUE V	40	37	1	73	54	28	4' X 5' EGG	EAST MILL BASIN
242	CI-626	AVENUE W	40	36	55	73	54	22	3' X 4' EGG	EAST MILL BASIN
243	CI-195	100' S/O AVENUE W	40	36	54	73	54	21	10" DIA	EAST MILL BASIN
244	CI-196	200' S/O AVENUE W	40	36	53	73	54	20	10" DIA	EAST MILL BASIN
245	CI-197	300' S/O AVENUE W	40	36	52	73	54	19	10" DIA	EAST MILL BASIN
246	CI-627	AVENUE X	40	36	49	73	54	15	3' X 4' EGG	EAST MILL BASIN
247	CI-585	OPPOSITE PAERDEGAT 14TH STREET	40	37	30	73	54	15	4" DIA	PAERDEGAT BASIN
248	CI-628	AVENUE L	40	37	44	73	54	45	66" DIA	PAERDEGAT BASIN
249	CI-006	RALPH AVENUE (REG # 6)	40	37	52	73	55	2	DBL 11' X 15'5"	PAERDEGAT BASIN
250	CI-004	FLATLANDS AVENUE (REG # 5, TG # 5)	40	37	53	73	55	3	DBL 12' 0" X 9' 0"	PAERDEGAT BASIN
251	CI-200	50' E/O FLATLANDS AVENUE (REG # 5, TG # 5)	40	37	54	73	55	2	12" DIA	PAERDEGAT BASIN
252	CI-005	FLATLANDS AVENUE (REG # 1-4)	40	37	55	73	55	1	5BL 12' 0" X 9' 0"	PAERDEGAT BASIN
253	CI-629	PAERDEGAT 4TH STREET	40	37	47	73	54	42	78" DIA	PAERDEGAT BASIN
254	CI-630	PAERDEGAT 7TH STREET	40	37	43	73	54	33	78" DIA	PAERDEGAT BASIN
255	CI-631	PAERDEGAT 10TH STREET	40	37	39	73	54	24	60" DIA	PAERDEGAT BASIN

CONEY ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
256	CI-632	PAERDEGAT 13TH STREET	40	37	35	73	54	15	78" DIA	PAERDEGAT BASIN
257	CI-509	50' S/O PAERDEGAT 15TH STREET	40	37	32	73	54	9	4" DIA	PAERDEGAT BASIN
258	CI-586	60' S/O PAERDEGAT 15TH STREET	40	37	32	73	54	7	4" DIA	PAERDEGAT BASIN
259	CI-510	SEAVIEW AVENUE	40	37	31	73	54	6	4" DIA	PAERDEGAT BASIN
260	CI-633	CANARSIE ROAD	40	37	43	73	53	8	102" DIA	JAMAICA BAY
261	CI-866	10' E/O CANARISE PIER	40	37	47	73	53	1	12" DIA	JAMAICA BAY
262	CI-204	E 99TH STREET	40	37	51	73	53	2	24" DIA	JAMAICA BAY
263	CI-661	SEAVIEW AVENUE	40	38	23	73	52	50	66" DIA	FRESH CREEK BASIN
264	CI-205	75' S/O BELT PARKWAY BRIDGE	40	38	18	73	52	43	12" DIA	FRESH CREEK BASIN
265	CI-634	AVENUE N	40	38	29	73	52	57	72" SQUARE	FRESH CREEK BASIN
266	CI-587	100' N/O AVENUE N	40	38	29	73	52	58	6" DIA	FRESH CREEK BASIN
267	CI-588	130' N/O AVENUE N	40	38	30	73	52	58	6" DIA	FRESH CREEK BASIN
268	CI-867	300' N/O AVENUE N	40	38	30	73	52	59	12" DIA FLAP	FRESH CREEK BASIN
269	CI-868	305' N/O AVENUE N	40	38	31	73	52	59	12" DIA FLAP	FRESH CREEK BASIN
270	CI-869	370' N/O AVENUE N	40	38	31	73	52	60	12" DIA FLAP	FRESH CREEK BASIN
271	CI-870	375' N/O AVENUE N	40	38	32	73	53	0	12" DIA FLAP	FRESH CREEK BASIN
272	CI-007	AVENUE M	40	38	35	73	53	4	72" DIA	FRESH CREEK BASIN
273	CI-636	AVENUE L	40	38	39	73	53	11	78" SQUARE	FRESH CREEK BASIN
274	CI-637	AVENUE K	40	38	46	73	53	18	72" SQUARE	FRESH CREEK BASIN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BAY 50 ST
AV Y
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DANK CT
W 15 PL
AV Z
W 16 ST
W 15 ST
W 17 ST
W 13 ST
ERICSON DR ET NB
SHORE PY SR N
SHORE PT SR S
LEIF ERICSON DR
NO NAME
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CI-664
CI-527
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CI-514
CI-513
CI-511
CI-853
CI-515
CI-525
CI-216
CI-641
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CI-214
CI-852
CI-653
HART PL
CI-851
CI-220
CI-526
CI-516
CI-517
CI-518
CI-639
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NEPTUNE AV
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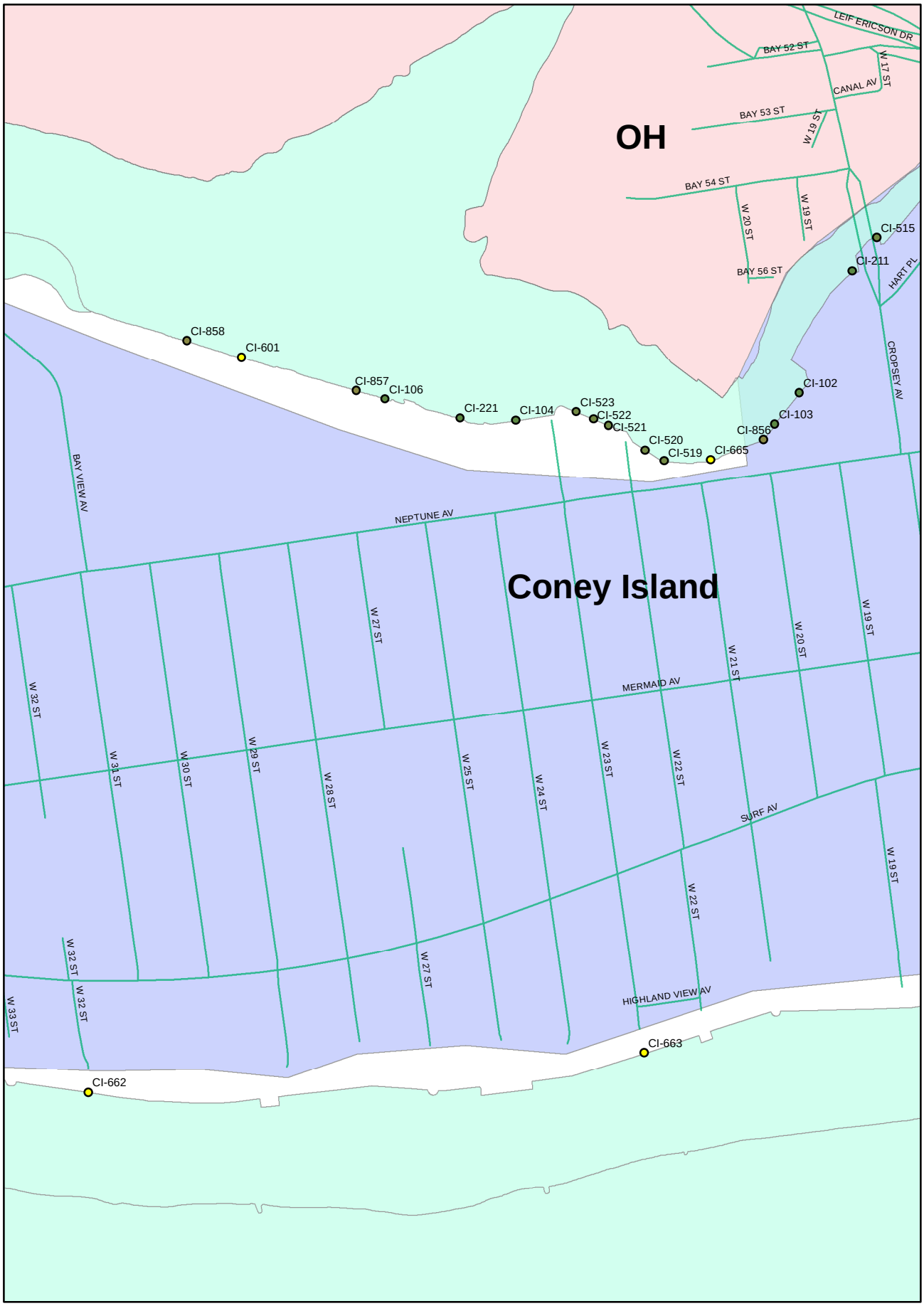
SHEEPSHEAD BAY RD
STILLWELL AV
W 12 ST
W 8 ST
MERMAID AV
W 19 ST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CANAL AV
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HART PL
CROPSEY AV
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CI-221
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CI-520
CI-519
CI-665
CI-856
CI-103
CI-102
BAY VIEW AV
NEPTUNE AV
MERMAID AV
SURF AV
HIGHLAND VIEW AV
W 32 ST
W 31 ST
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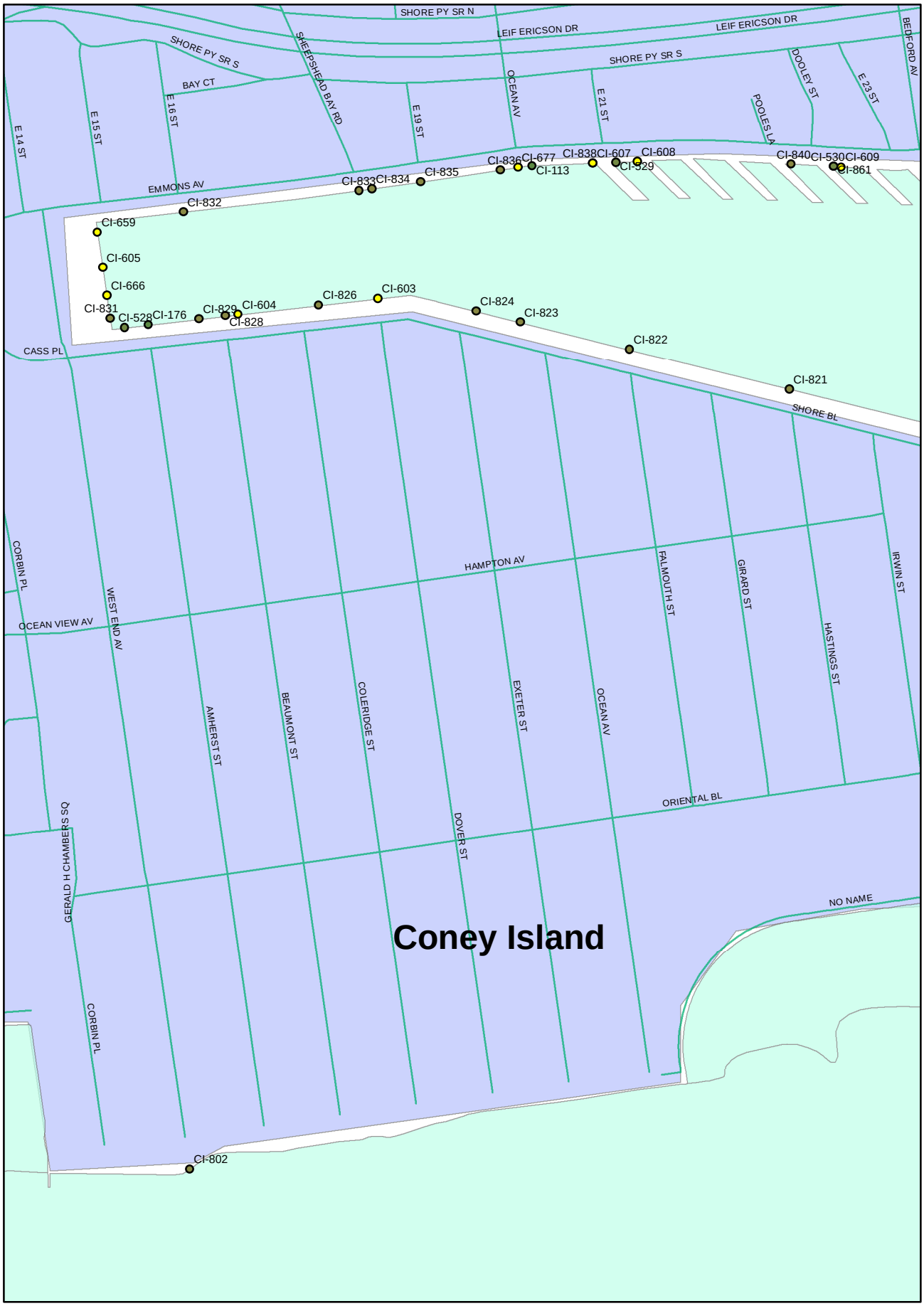
CI-662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POOLES LA
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CORBIN PL
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GIRARD ST
IRWIN ST
OCEAN VIEW AV
WEST END AV
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BEAUMONT ST
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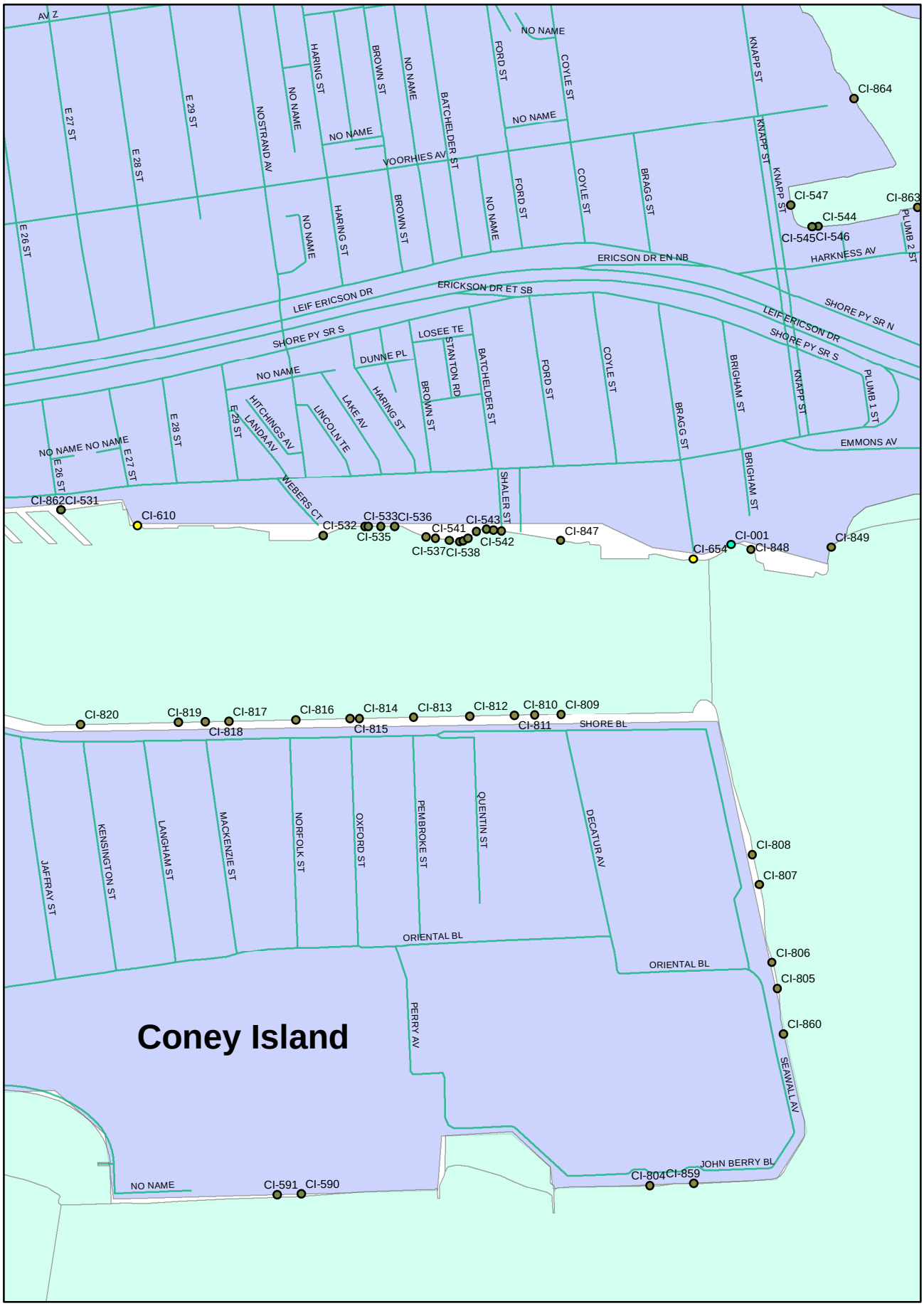
CORBIN PL
CI-802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KNAPP ST
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DUNNE PL
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LANDA AV
LINCOLN TE
LAKE AV
WEBERS CT
SHALER ST
BRIGHAM ST
EMMONS AV
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ORIENTAL BL
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KENSINGTON ST
LANGHAM ST
MACKENZIE ST
NORFOLK ST
OXFORD ST
PEMBROKE ST
QUENTIN ST
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PERRY AV
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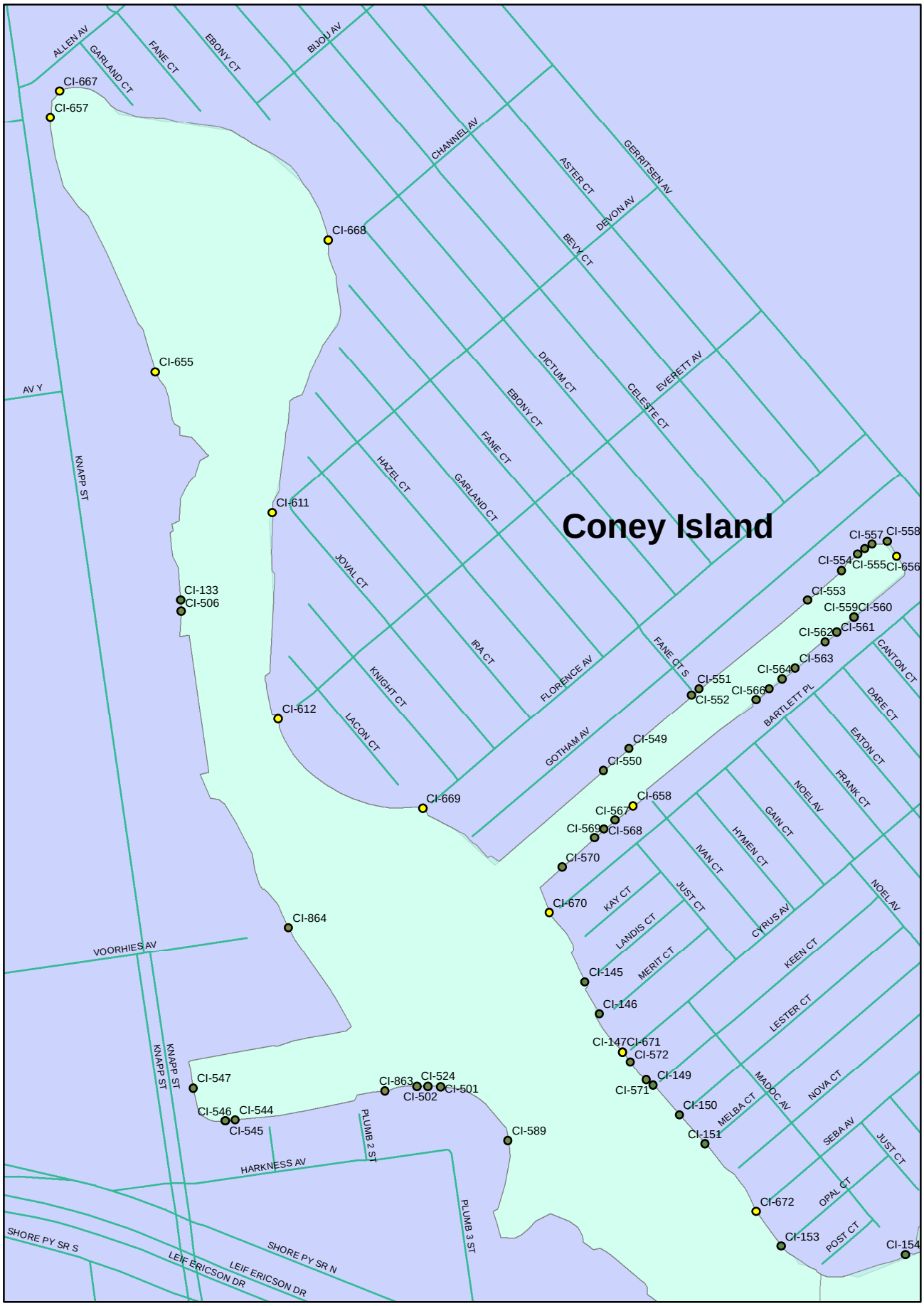
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FANE CT
EBONY CT
BIJOU AV
CHANNEL AV
ASTER CT
GERRITSEN AV
DEVON AV
BEVY CT
DICTUM CT
EVERETT AV
CELESTE CT
EBONY CT
FANE CT
HAZEL CT
GARLAND CT
JOVAL CT
IRA CT
KNIGHT CT
LACON CT
FLORENCE AV
FANE CT S
GOTHAM AV
BARTLETT PL
CANTON CT
DARE CT
EATON CT
FRANK CT
NOEL AV
GAIN CT
HYMEN CT
IVAN CT
JUST CT
KAY CT
LANDIS CT
MERIT CT
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KEEN CT
LESTER CT
MADOC AV
NOVA CT
MELBA CT
SEBA AV
JUST CT
OPAL CT
POST CT
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KNAPP ST
VOORHIES AV
HARKNESS AV
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PLUMB 3 ST
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SHORE PY SR N
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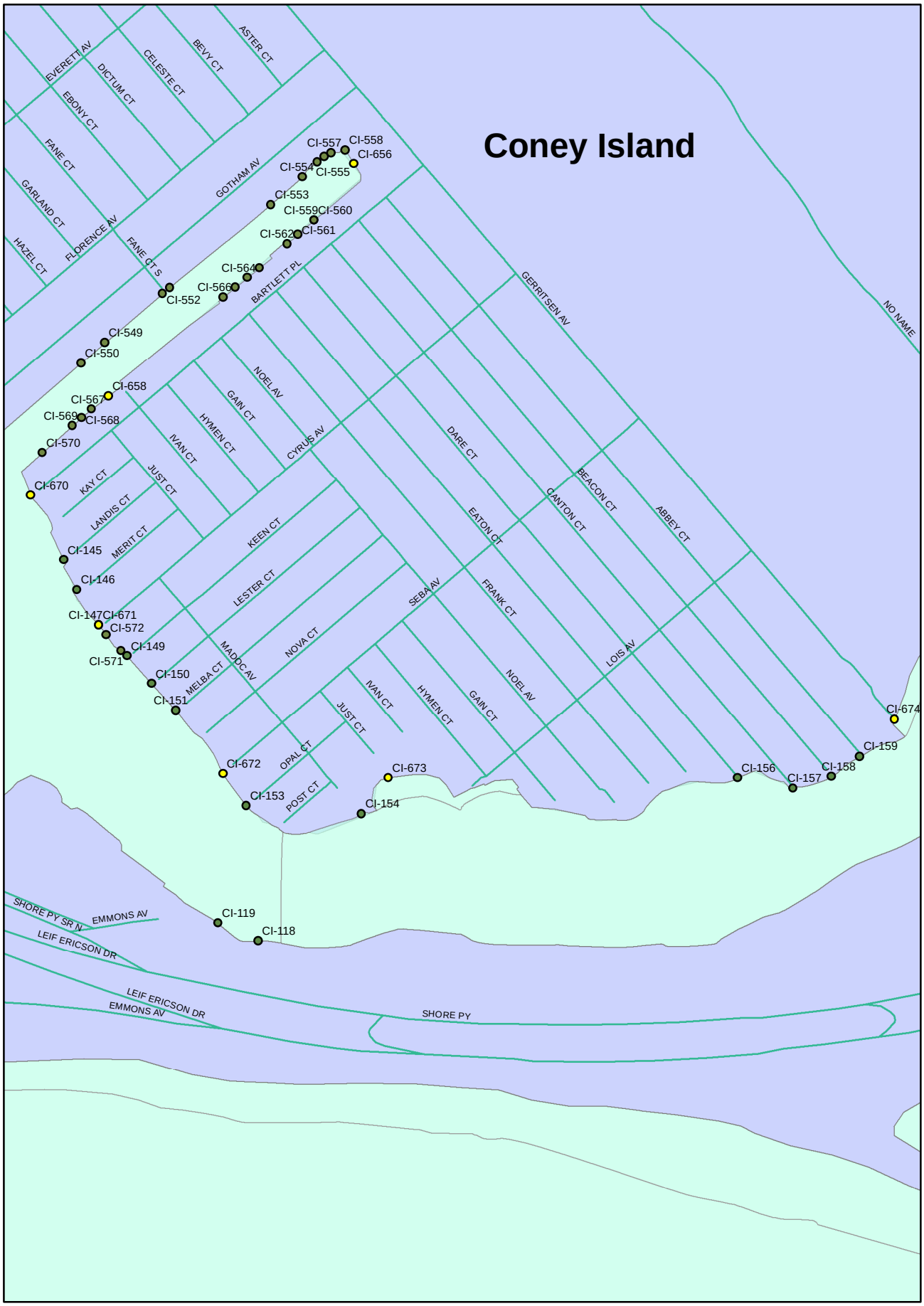
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GOTHAM AV
BARTLETT PL
GERRITSEN AV
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HYMEN CT
IVAN CT
CYRUS AV
DARE CT
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EATON CT
KAY CT
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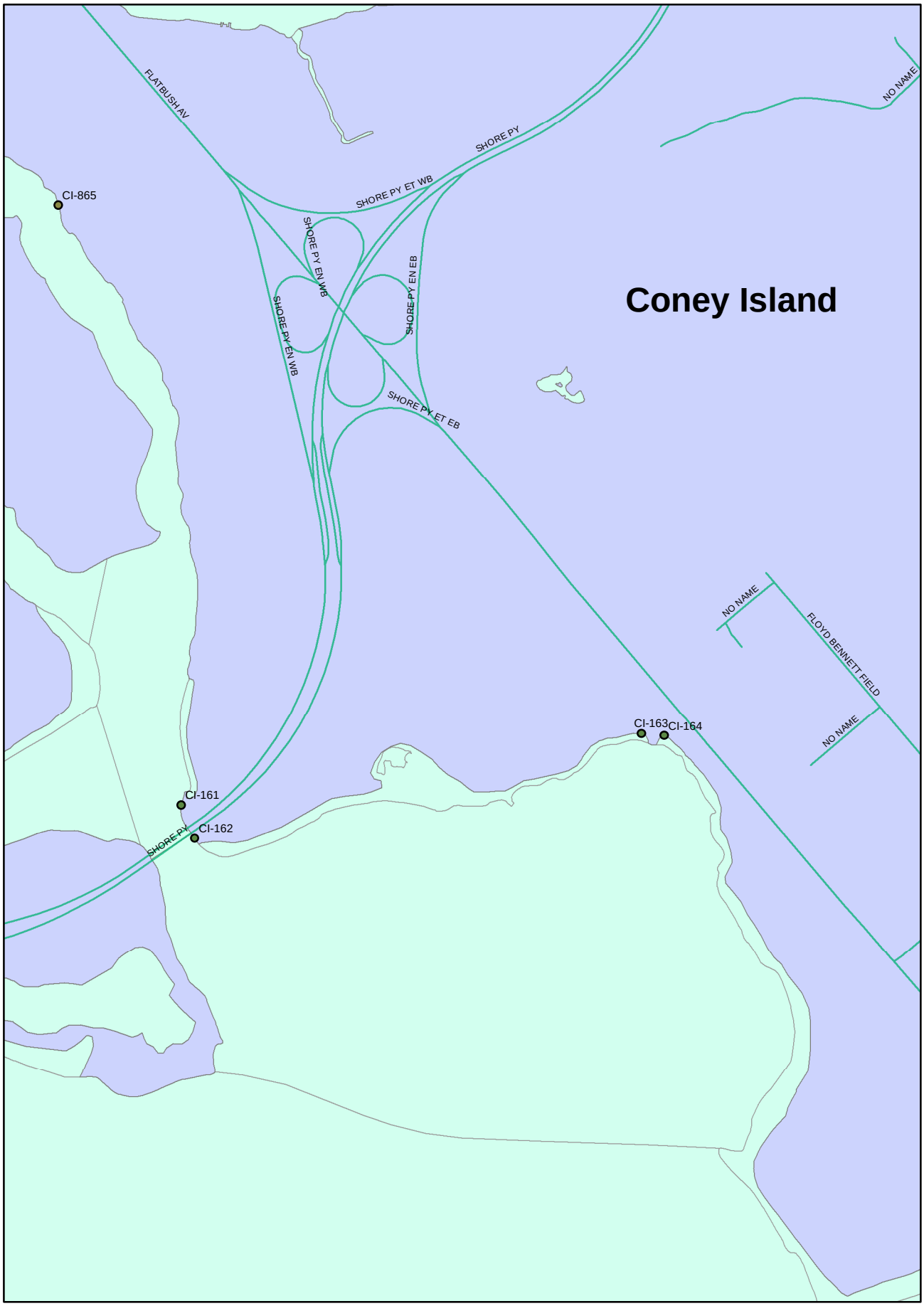
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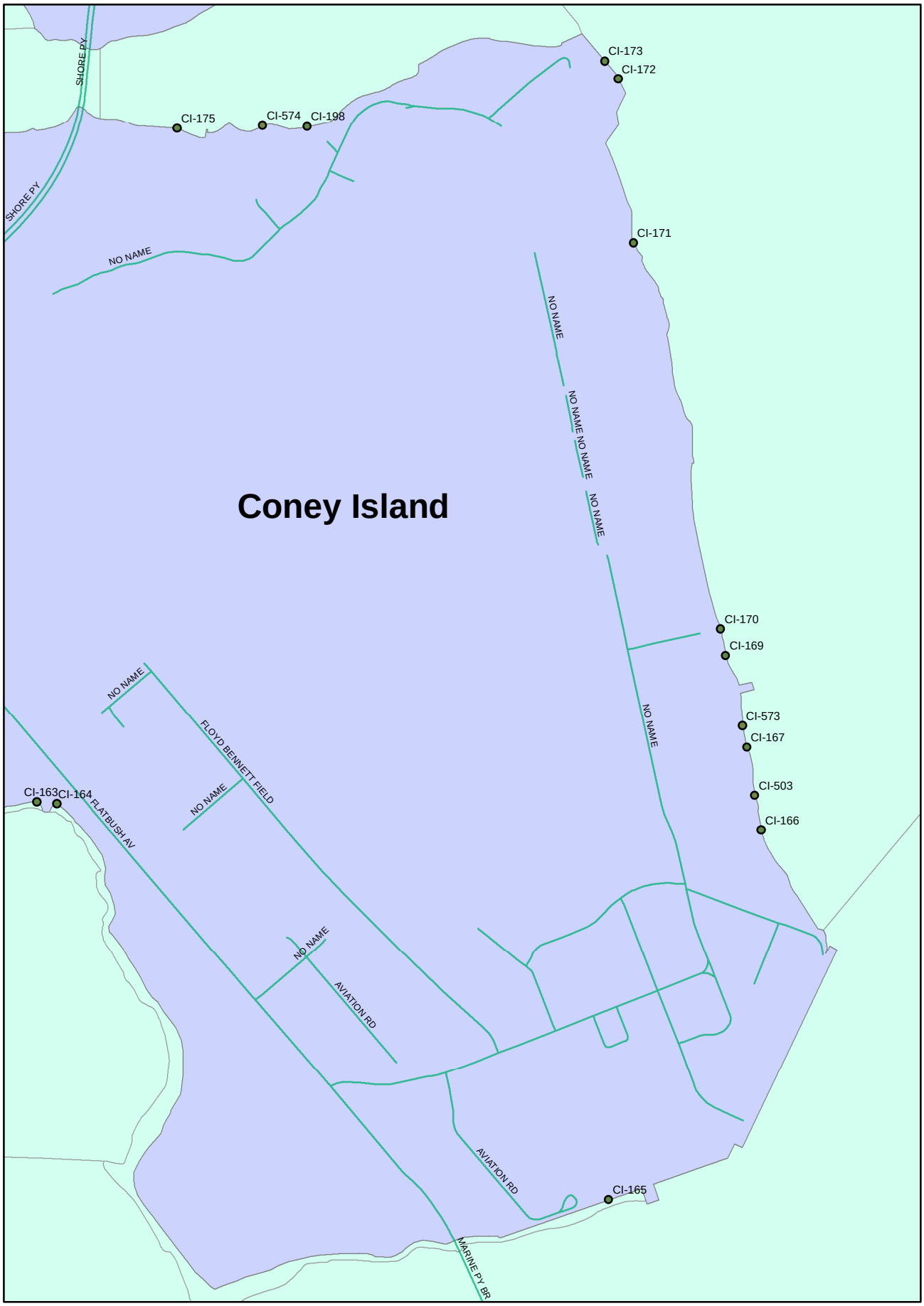
SHORE PY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SHORE PY
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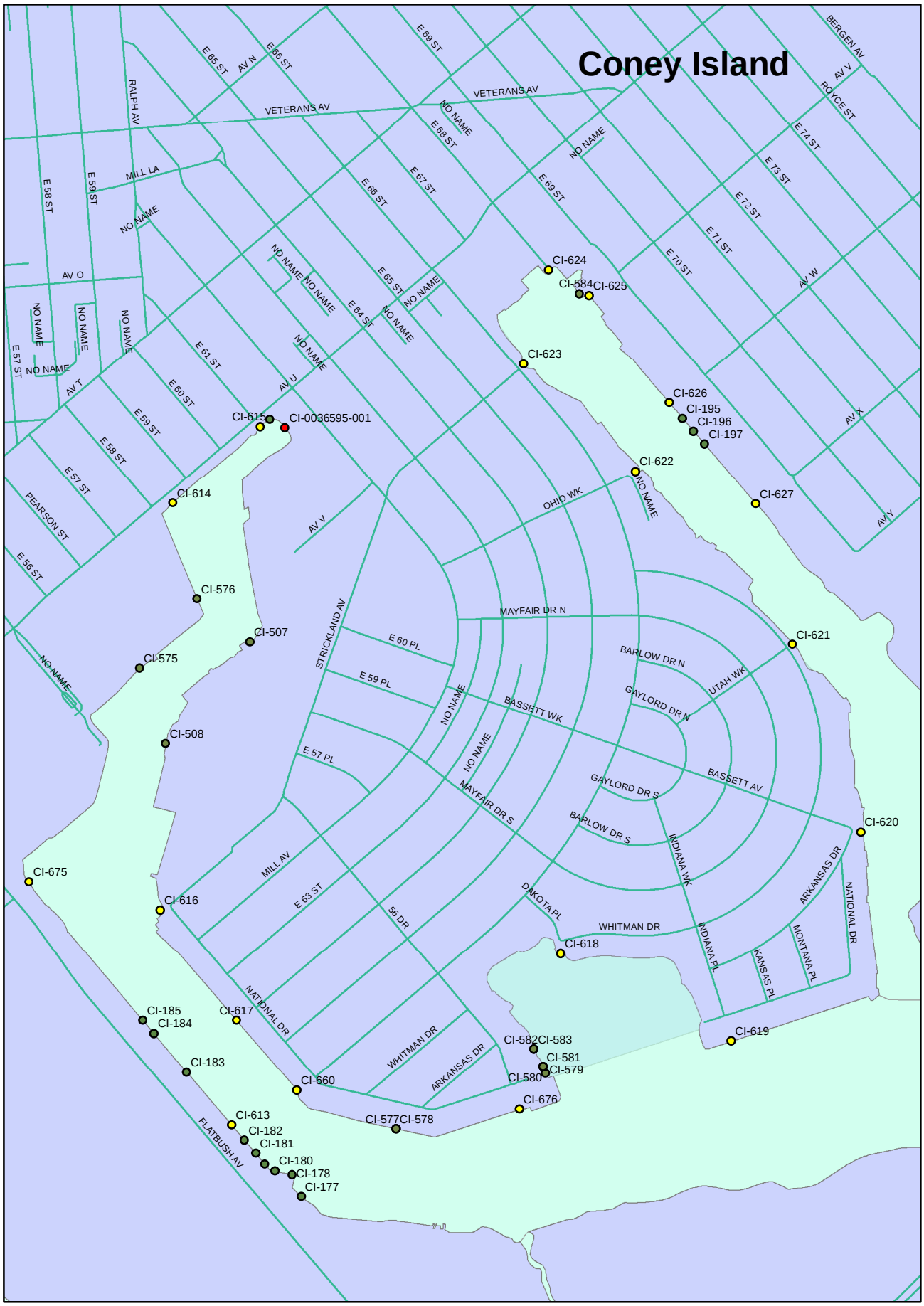
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AV V
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E 70 ST
AV W
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E 59 ST
MILL LA
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CI-623
CI-626
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CI-197
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CI-627
CI-614
OHIO WK
CI-576
CI-507
CI-575
STRICKLAND AV
MAYFAIR DR N
CI-621
E 60 PL
E 59 PL
BARLOW DR N
UTAH WK
GAYLORD DR N
BASSETT WK
CI-508
E 57 PL
BASSETT AV
GAYLORD DR S
MAYFAIR DR S
BARLOW DR S
CI-620
INDIANA WK
CI-675
MILL AV
E 63 ST
ARKANSAS DR
NATIONAL DR
CI-616
DAKOTA PL
56 DR
WHITMAN DR
CI-618
INDIANA PL
MONTANA PL
KANSAS PL
CI-185
CI-184
CI-617
CI-619
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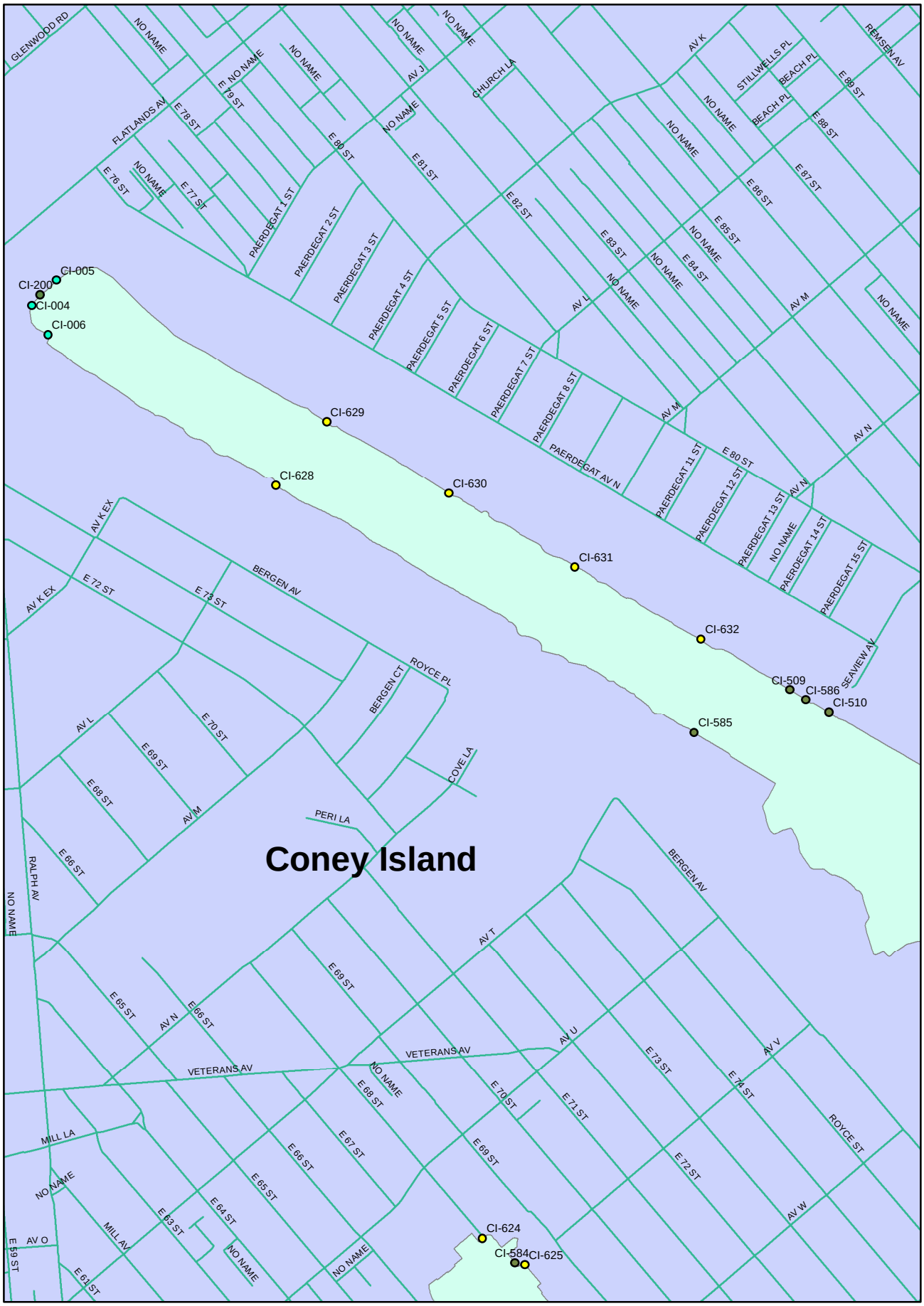
FLATBUSH AV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E 87 ST
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E 89 ST
PAERDEGAT 1 ST
PAERDEGAT 2 ST
PAERDEGAT 3 ST
PAERDEGAT 4 ST
PAERDEGAT 5 ST
PAERDEGAT 6 ST
PAERDEGAT 7 ST
PAERDEGAT 8 ST
PAERDEGAT AV N
PAERDEGAT 11 ST
PAERDEGAT 12 ST
PAERDEGAT 13 ST
PAERDEGAT 14 ST
PAERDEGAT 15 ST
AV J
CHURCH LA
AV K
STILLWELLS PL
BEACH PL
REMSEN AV
AV L
AV M
AV N
AV K EX
E 72 ST
E 73 ST
BERGEN AV
BERGEN CT
ROYCE PL
SEAVIEW AV
E 70 ST
E 69 ST
E 68 ST
E 66 ST
COVE LA
PERI LA
RALPH AV
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E 66 ST
E 69 ST
AV T
AV U
AV V
AV W
VETERANS AV
E 68 ST
E 67 ST
E 66 ST
E 65 ST
E 64 ST
E 63 ST
E 61 ST
E 59 ST
MILL LA
MILL AV
AV O
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E 71 ST
E 69 ST
E 73 ST
E 74 ST
E 72 ST
ROYCE ST
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CI-200
CI-004
CI-006
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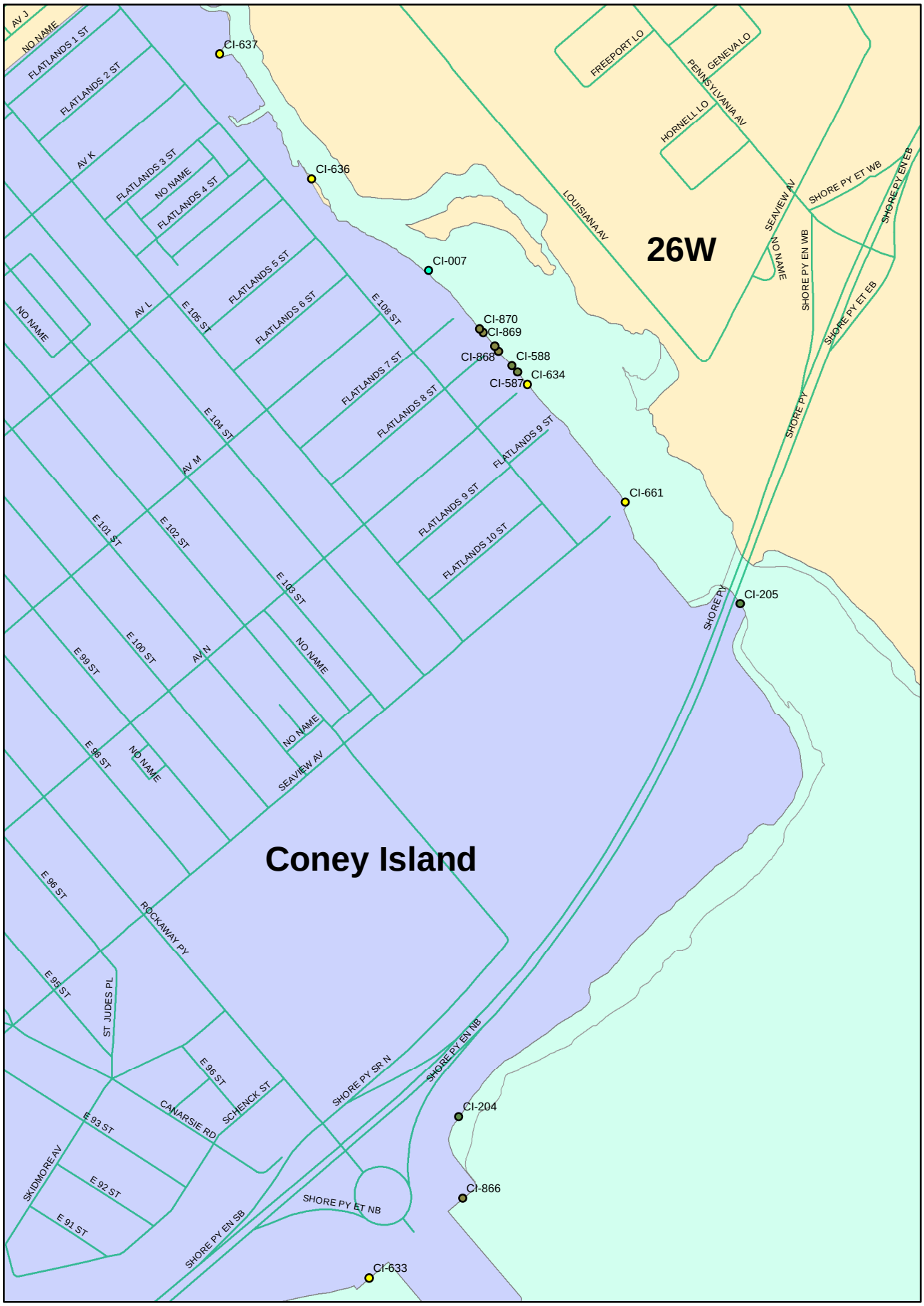
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CI-204
CI-866
CI-633
AV J
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FLATLANDS 2 ST
AV K
FLATLANDS 3 ST
NO NAME
FLATLANDS 4 ST
FLATLANDS 5 ST
FLATLANDS 6 ST
FLATLANDS 7 ST
FLATLANDS 8 ST
FLATLANDS 9 ST
FLATLANDS 9 ST
FLATLANDS 10 ST
NO NAME
AV L
E 105 ST
E 108 ST
E 104 ST
AV M
E 101 ST
E 102 ST
E 103 ST
E 100 ST
AV N
E 99 ST
NO NAME
NO NAME
E 98 ST
NO NAME
SEAVIEW AV
E 96 ST
ROCKAWAY PY
E 95 ST
ST JUDES PL
E 96 ST
SCHENCK ST
CANARSIE RD
E 93 ST
SKIDMORE AV
E 92 ST
E 91 ST
SHORE PY SR N
SHORE PY EN NB
SHORE PY ET NB
SHORE PY EN SB
FREEPORT LO
GENEVA LO
PENNSYLVANIA AV
HORNELL LO
LOUISIANA AV
SEAVIEW AV
NO NAME
SHORE PY ET WB
SHORE PY EN EB
SHORE PY EN WB
SHORE PY ET EB
SHORE PY
SHORE PY

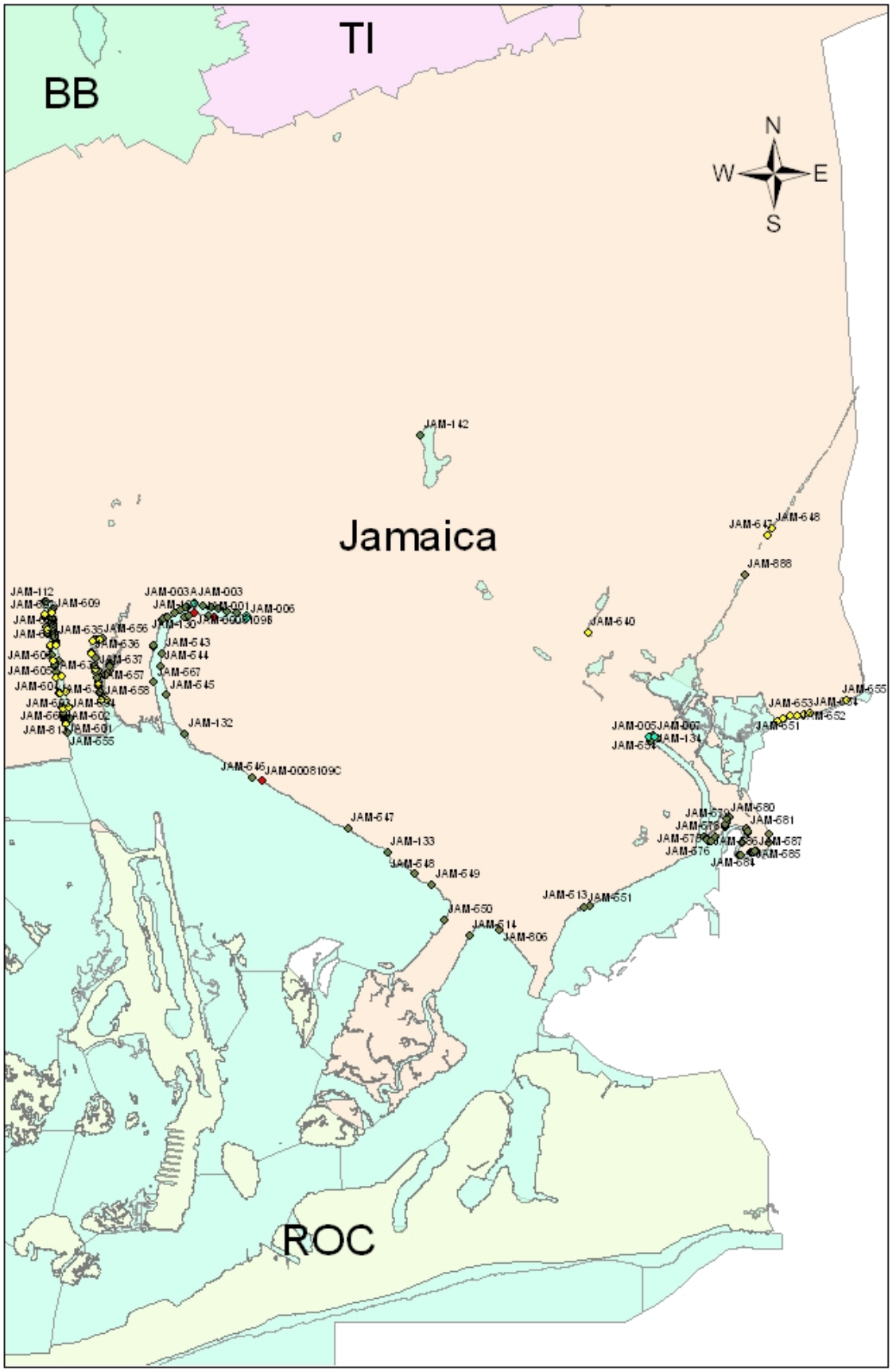
Outfall ID: CI-004
Location: FLATLANDS AVENUE (REG # 5, TG # 5)
Latitude: 40° 37' 53"
Longitude: 73° 55' 3"
Outfall Size: DBL 12' 0" X 9' 0"
Receiving Water: PAERDEGAT BASIN

Outfall ID: CI-005
Location: FLATLANDS AVENUE (REG # 1-4)
Latitude: 40° 37' 55"
Longitude: 73° 55' 1"
Outfall Size: 5BL 12' 0" X 9' 0"
Receiving Water: PAERDEGAT BASIN

Outfall ID: CI-006
Location: RALPH AVENUE (REG # 6)
Latitude: 40° 37' 52"
Longitude: 73° 55' 2"
Outfall Size: DBL 20' 0" X 9' 0"
Receiving Water: PAERDEGAT BASIN

Outfall ID: CI-007
Location: AVENUE M
Latitude: 40° 38' 35"
Longitude: 73° 53' 4"
Outfall Size: 72" DIA
Receiving Water: FRESH CREEK BASIN

JAMAICA DRAINAGE AREA

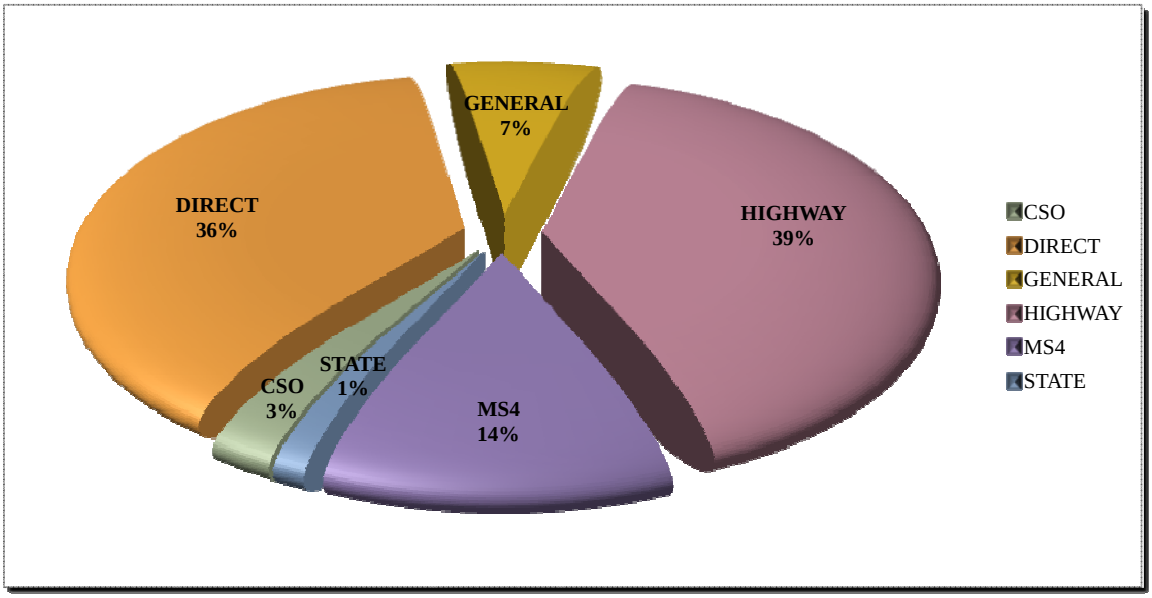


JAMAICA SURVEY REPORT

The survey of the entire drainage area of Jamaica, 32.89 miles of shoreline, resulted in the identification of 227 outfalls. The outfalls consist of 6 combined sewer overflow outfalls, 89 highway outfalls, 15 general outfalls, 83 direct discharge outfalls, 31 storm outfalls and 3 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Jamaica Water Pollution Control Plant receives flow from the south end of Queens. The entire drainage area was inspected by boat and inflatable raft. The survey began in Jamaica Bay at Sprint Creek Park and proceeded into Shellbank Basin around Frank M. Charles Memorial Park, into Hawtree Basin and Bergen Basin, then out into the Grassy Bay around John F. Kennedy International Airport, followed by the Head of Bay Basin, Thurston Basin, and Hook Creek, and finally completing the survey at Brookville Pond.

Percentile representation of Jamaica outfalls



JAMAICA

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	JAM-555	150' S/O 165TH AVENUE	40	38	54	73	50	12	6" DIA	SHELLBANK BASIN [W]
2	JAM-601	165TH AVENUE	40	38	57	73	50	12	24" DIA	SHELLBANK BASIN [W]
3	JAM-813	100' N/O 165TH AVENUE	40	38	59	73	50	13	6" DIA	SHELLBANK BASIN [W]
4	JAM-814	150' N/O 165TH AVENUE	40	38	59	73	50	13	4" DIA	SHELLBANK BASIN [W]
5	JAM-815	175' N/O 165TH AVENUE	40	38	59	73	50	13	3" DIA	SHELLBANK BASIN [W]
6	JAM-816	200' N/O 165TH AVENUE	40	38	60	73	50	13	6" DIA	SHELLBANK BASIN [W]
7	JAM-817	225' N/O 165TH AVENUE	40	39	0	73	50	13	6" DIA	SHELLBANK BASIN [W]
8	JAM-818	250' N/O 165TH AVENUE	40	39	0	73	50	13	6" DIA	SHELLBANK BASIN [W]
9	JAM-819	275' N/O 165TH AVENUE	40	39	1	73	50	13	6" DIA	SHELLBANK BASIN [W]
10	JAM-820	300' N/O 165TH AVENUE	40	39	1	73	50	13	6" DIA	SHELLBANK BASIN [W]
11	JAM-821	325' N/O 165TH AVENUE	40	39	1	73	50	14	6" DIA	SHELLBANK BASIN [W]
12	JAM-602	164TH AVENUE	40	39	3	73	50	14	24" DIA	SHELLBANK BASIN [W]
13	JAM-556	164TH AVENUE (NORTH SIDE)	40	39	3	73	50	14	8" DIA	SHELLBANK BASIN [W]
14	JAM-603	163RD AVENUE	40	39	9	73	50	15	60" DIA FLAP	SHELLBANK BASIN [W]
15	JAM-105	20' N/O 163RD AVENUE	40	39	9	73	50	16	32" DIA	SHELLBANK BASIN [W]
16	JAM-604	162ND AVENUE	40	39	15	73	50	17	4' X 4'	SHELLBANK BASIN [W]
17	JAM-557	150' N/O 162ND AVENUE	40	39	17	73	50	17	4" DIA	SHELLBANK BASIN [W]
18	JAM-558	200' S/O 161ST AVENUE	40	39	19	73	50	18	6" DIA	SHELLBANK BASIN [W]
19	JAM-108	150' S/O 161ST AVENUE	40	39	20	73	50	18	10" DIA	SHELLBANK BASIN [W]
20	JAM-605	161ST AVENUE	40	39	21	73	50	18	4' X 4'	SHELLBANK BASIN [W]
21	JAM-559	200' N/O 161ST AVENUE	40	39	24	73	50	19	4" DIA	SHELLBANK BASIN [W]
22	JAM-801	25' S/O 160TH AVENUE	40	39	27	73	50	20	4" DIA	SHELLBANK BASIN [W]
23	JAM-802	20' S/O 160TH AVENUE	40	39	27	73	50	20	4" DIA	SHELLBANK BASIN [W]
24	JAM-606	160TH AVENUE	40	39	27	73	50	20	6' X 5' FLAP	SHELLBANK BASIN [W]
25	JAM-822	150' S/O 159TH AVENUE	40	39	32	73	50	21	4" DIA	SHELLBANK BASIN [W]
26	JAM-560	50' S/O 159TH AVENUE	40	39	32	73	50	21	4" DIA	SHELLBANK BASIN [W]
27	JAM-630	159TH AVENUE (REG # TG-12)	40	39	33	73	50	21	48" DIA FLAP	SHELLBANK BASIN [W]
28	JAM-803	100' N/O 159TH AVENUE	40	39	35	73	50	22	4" DIA	SHELLBANK BASIN [W]
29	JAM-804	50' S/O 158TH AVENUE	40	39	39	73	50	23	2" DIA	SHELLBANK BASIN [W]
30	JAM-805	40' S/O 158TH AVENUE	40	39	39	73	50	23	2" DIA	SHELLBANK BASIN [W]
31	JAM-607	158TH AVENUE	40	39	39	73	50	23	5' X 4' FLAP	SHELLBANK BASIN [W]
32	JAM-631	160TH AVENUE	40	39	28	73	50	17	12" DIA	SHELLBANK BASIN [E]
33	JAM-632	162ND AVENUE	40	39	16	73	50	14	12" DIA	SHELLBANK BASIN [E]
34	JAM-517	94TH STREET	40	39	44	73	50	23	10" DIA	SHELLBANK BASIN [N]
35	JAM-112	90' E/O 94TH STREET	40	39	44	73	50	22	12" DIA	SHELLBANK BASIN [N]
36	JAM-823	W/O 95TH STREET	40	39	41	73	50	19	4" DIA	SHELLBANK BASIN [S]
37	JAM-824	W/O 95TH STREET	40	39	41	73	50	19	4" DIA	SHELLBANK BASIN [S]
38	JAM-825	N/O 158TH AVENUE	40	39	40	73	50	19	4" DIA	SHELLBANK BASIN [S]
39	JAM-609	158TH AVENUE	40	39	40	73	50	19	5' X 4' FLAP	SHELLBANK BASIN [E]
40	JAM-826	150' S/O 158TH AVENUE	40	39	38	73	50	19	3" DIA	SHELLBANK BASIN [E]
41	JAM-827	165' S/O 158TH AVENUE	40	39	38	73	50	19	3" DIA	SHELLBANK BASIN [E]
42	JAM-561	175' S/O 158TH AVENUE	40	39	38	73	50	19	4" DIA	SHELLBANK BASIN [E]
43	JAM-828	180' S/O 158TH AVENUE	40	39	38	73	50	19	3" DIA	SHELLBANK BASIN [E]
44	JAM-829	195' S/O 158TH AVENUE	40	39	38	73	50	19	3" DIA	SHELLBANK BASIN [E]
45	JAM-830	210' S/O 158TH AVENUE	40	39	38	73	50	19	3" DIA	SHELLBANK BASIN [E]
46	JAM-831	225' S/O 158TH AVENUE	40	39	37	73	50	19	3" DIA	SHELLBANK BASIN [E]
47	JAM-832	240' S/O 158TH AVENUE	40	39	37	73	50	19	3" DIA	SHELLBANK BASIN [E]
48	JAM-833	255' S/O 158TH AVENUE	40	39	37	73	50	19	3" DIA	SHELLBANK BASIN [E]
49	JAM-834	270' S/O 158TH AVENUE	40	39	37	73	50	19	3" DIA	SHELLBANK BASIN [E]
50	JAM-835	285' S/O 158TH AVENUE	40	39	37	73	50	19	3" DIA	SHELLBANK BASIN [E]
51	JAM-836	300' S/O 158TH AVENUE	40	39	37	73	50	19	3" DIA	SHELLBANK BASIN [E]

JAMAICA

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	JAM-837	315' S/O 158TH AVENUE	40	39	36	73	50	19	3" DIA	SHELLBANK BASIN [E]
53	JAM-838	330' S/O 158TH AVENUE	40	39	36	73	50	19	3" DIA	SHELLBANK BASIN [E]
54	JAM-528	345' S/O 158TH AVENUE	40	39	36	73	50	19	4" DIA	SHELLBANK BASIN [E]
55	JAM-839	360' S/O 158TH AVENUE	40	39	36	73	50	19	3" DIA	SHELLBANK BASIN [E]
56	JAM-840	375' S/O 158TH AVENUE	40	39	36	73	50	19	3" DIA	SHELLBANK BASIN [E]
57	JAM-841	390' S/O 158TH AVENUE	40	39	36	73	50	19	3" DIA	SHELLBANK BASIN [E]
58	JAM-842	205' S/O 158TH AVENUE	40	39	35	73	50	19	3" DIA	SHELLBANK BASIN [E]
59	JAM-529	420' S/O 158TH AVENUE	40	39	35	73	50	19	4" DIA	SHELLBANK BASIN [E]
60	JAM-843	435' S/O 158TH AVENUE	40	39	35	73	50	19	3" DIA	SHELLBANK BASIN [E]
61	JAM-844	450' S/O 158TH AVENUE	40	39	35	73	50	19	3" DIA	SHELLBANK BASIN [E]
62	JAM-845	465' S/O 158TH AVENUE	40	39	35	73	50	19	3" DIA	SHELLBANK BASIN [E]
63	JAM-846	480' S/O 158TH AVENUE	40	39	35	73	50	19	3" DIA	SHELLBANK BASIN [E]
64	JAM-847	495' S/O 158TH AVENUE	40	39	35	73	50	19	3" DIA	SHELLBANK BASIN [E]
65	JAM-530	159TH AVENUE	40	39	34	73	50	18	4" DIA	SHELLBANK BASIN [E]
66	JAM-848	15' S/O 159TH AVENUE	40	39	34	73	50	18	3" DIA	SHELLBANK BASIN [E]
67	JAM-849	30' S/O 159TH AVENUE	40	39	34	73	50	18	4" DIA	SHELLBANK BASIN [E]
68	JAM-850	45' S/O 159TH AVENUE	40	39	33	73	50	18	3" DIA	SHELLBANK BASIN [E]
69	JAM-851	60' S/O 159TH AVENUE	40	39	33	73	50	18	3" DIA	SHELLBANK BASIN [E]
70	JAM-852	75' S/O 159TH AVENUE	40	39	33	73	50	18	3" DIA	SHELLBANK BASIN [E]
71	JAM-853	90' S/O 159TH AVENUE	40	39	33	73	50	18	3" DIA	SHELLBANK BASIN [E]
72	JAM-531	105' S/O 159TH AVENUE	40	39	33	73	50	18	4" DIA	SHELLBANK BASIN [E]
73	JAM-854	120' S/O 159TH AVENUE	40	39	33	73	50	18	3" DIA	SHELLBANK BASIN [E]
74	JAM-855	135' S/O 159TH AVENUE	40	39	32	73	50	18	3" DIA	SHELLBANK BASIN [E]
75	JAM-856	150' S/O 159TH AVENUE	40	39	32	73	50	18	2" DIA	SHELLBANK BASIN [E]
76	JAM-857	165' S/O 159TH AVENUE	40	39	32	73	50	18	3" DIA	SHELLBANK BASIN [E]
77	JAM-858	180' S/O 159TH AVENUE	40	39	32	73	50	18	3" DIA	SHELLBANK BASIN [E]
78	JAM-859	195' S/O 159TH AVENUE	40	39	32	73	50	18	3" DIA	SHELLBANK BASIN [E]
79	JAM-532	210' S/O 159TH AVENUE	40	39	32	73	50	18	4" DIA	SHELLBANK BASIN [E]
80	JAM-860	225' S/O 159TH AVENUE	40	39	31	73	50	18	3" DIA	SHELLBANK BASIN [E]
81	JAM-861	240' S/O 159TH AVENUE	40	39	31	73	50	18	3" DIA	SHELLBANK BASIN [E]
82	JAM-862	255' S/O 159TH AVENUE	40	39	31	73	50	18	3" DIA	SHELLBANK BASIN [E]
83	JAM-863	270' S/O 159TH AVENUE	40	39	31	73	50	18	3" DIA	SHELLBANK BASIN [E]
84	JAM-864	285' S/O 159TH AVENUE	40	39	31	73	50	18	3" DIA	SHELLBANK BASIN [E]
85	JAM-533	300' S/O 159TH AVENUE	40	39	31	73	50	18	4" DIA	SHELLBANK BASIN [E]
86	JAM-865	315' S/O 159TH AVENUE	40	39	31	73	50	18	3" DIA	SHELLBANK BASIN [E]
87	JAM-866	330' S/O 159TH AVENUE	40	39	30	73	50	18	3" DIA	SHELLBANK BASIN [E]
88	JAM-867	360' S/O 159TH AVENUE	40	39	30	73	50	18	6" DIA	SHELLBANK BASIN [E]
89	JAM-868	400' S/O 159TH AVENUE	40	39	30	73	50	18	4" DIA	SHELLBANK BASIN [E]
90	JAM-869	N/O 160TH AVENUE	40	39	29	73	50	17	2" DIA	SHELLBANK BASIN [E]
91	JAM-870	100' N/O 160TH AVENUE	40	39	29	73	50	17	4" DIA	SHELLBANK BASIN [E]
92	JAM-871	25' N/O 160TH AVENUE	40	39	28	73	50	17	4" DIA PVC	SHELLBANK BASIN [E]
93	JAM-562	160TH AVENUE	40	39	28	73	50	17	6" DIA	SHELLBANK BASIN [E]
94	JAM-872	161ST AVENUE	40	39	22	73	50	15	6" DIA	SHELLBANK BASIN [E]
95	JAM-563	162ND AVENUE	40	39	16	73	50	14	1" DIA PVC	SHELLBANK BASIN [E]
96	JAM-564	163RD AVENUE	40	39	10	73	50	12	2" DIA PVC	SHELLBANK BASIN [E]
97	JAM-565	164TH AVENUE	40	39	4	73	50	11	2" DIA PVC	SHELLBANK BASIN [E]
98	JAM-534	25' S/O 164TH AVENUE	40	39	3	73	50	11	2" DIA PVC	SHELLBANK BASIN [E]
99	JAM-873	100' N/O 165TH AVENUE	40	38	59	73	50	10	3" DIA	SHELLBANK BASIN [E]
100	JAM-535	95' N/O 165TH AVENUE	40	38	59	73	50	10	3" DIA	SHELLBANK BASIN [E]
101	JAM-874	90' N/O 165TH AVENUE	40	38	59	73	50	10	3" DIA	SHELLBANK BASIN [E]
102	JAM-875	85' N/O 165TH AVENUE	40	38	59	73	50	10	3" DIA	SHELLBANK BASIN [E]

JAMAICA

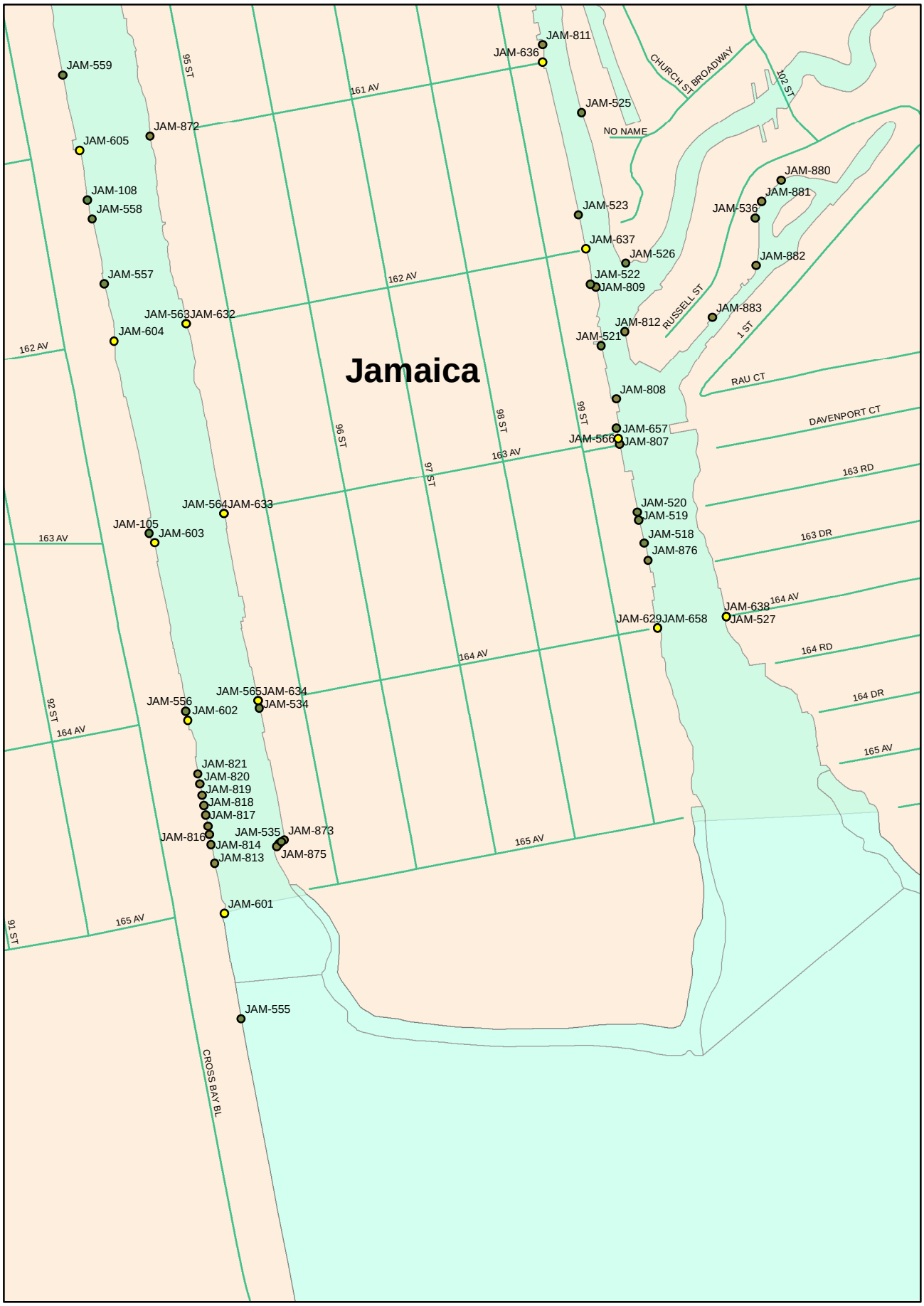
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	JAM-638	164TH AVENUE	40	39	6	73	49	51	23" DIA	HAWTREE BASIN
104	JAM-876	350' S/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	8	73	49	55	4" DIA PVC	HAWTREE BASIN [W]
105	JAM-518	300' S/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	9	73	49	55	4" DIA PVC	HAWTREE BASIN [W]
106	JAM-519	225' S/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	9	73	49	55	4" DIA PVC	HAWTREE BASIN [W]
107	JAM-520	200' S/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	10	73	49	55	4" DIA	HAWTREE BASIN [W]
108	JAM-807	10' S/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	12	73	49	56	8" DIA	HAWTREE BASIN [W]
109	JAM-657	163RD AVENUE & PEDESTRIAN BRIDGE	40	39	12	73	49	56	24" DIA	HAWTREE BASIN [W]
110	JAM-566	10' N/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	12	73	49	56	6" DIA	HAWTREE BASIN [W]
111	JAM-808	75' N/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	13	73	49	56	4" DIA	HAWTREE BASIN [W]
112	JAM-521	250' N/O 163RD AVENUE PEDESTRIAN BRIDGE	40	39	15	73	49	57	3" DIA	HAWTREE BASIN [W]
113	JAM-809	110' S/O 162ND AVENUE	40	39	17	73	49	57	4" DIA	HAWTREE BASIN [W]
114	JAM-522	100' S/O 162ND AVENUE	40	39	17	73	49	57	4" DIA PVC	HAWTREE BASIN [W]
115	JAM-523	100' N/O 162ND AVENUE	40	39	19	73	49	58	2" DIA	HAWTREE BASIN [W]
116	JAM-636	161ST AVENUE	40	39	24	73	49	59	8" DIA	HAWTREE BASIN [W]
117	JAM-811	30' N/O 161ST AVENUE	40	39	25	73	49	59	4" DIA	HAWTREE BASIN [W]
118	JAM-877	150' W/O 101ST STREET	40	39	29	73	49	58	6" DIA PVC	HAWTREE BASIN [N]
119	JAM-878	100' W/O 101ST STREET	40	39	30	73	49	57	4" DIA PVC	HAWTREE BASIN [N]
120	JAM-879	25' W/O 101ST STREET	40	39	30	73	49	55	4" DIA PVC	HAWTREE BASIN [N]
121	JAM-656	101ST STREET	40	39	30	73	49	55	24" DIA FLAP	HAWTREE BASIN [N]
122	JAM-141	101ST STREET (E/S)	40	39	30	73	49	55	12" DIA	HAWTREE BASIN [N]
123	JAM-524	100' E/O 101ST STREET	40	39	30	73	49	53	4" DIA PVC	HAWTREE BASIN [N]
124	JAM-525	175' S/O 161ST AVENUE	40	39	22	73	49	57	4" DIA PVC	HAWTREE BASIN [E]
125	JAM-526	75' E/O 162ND AVENUE	40	39	18	73	49	56	4" DIA	HAWTREE BASIN [S]
126	JAM-812	250' S/O 162ND AVENUE	40	39	15	73	49	56	4" DIA	HAWTREE BASIN [E]
127	JAM-536	162ND AVENUE	40	39	19	73	49	50	4" DIA	HAWTREE BASIN [E]
128	JAM-880	100' W/O 102ND STREET	40	39	20	73	49	49	6" DIA	HAWTREE BASIN [W]
129	JAM-881	150' W/O 102ND STREET	40	39	20	73	49	50	6" DIA	HAWTREE BASIN [E]
130	JAM-882	250' W/O 102ND STREET	40	39	18	73	49	50	4" DIA PVC	HAWTREE BASIN [E]
131	JAM-883	350' W/O 102ND STREET	40	39	16	73	49	52	4" DIA	HAWTREE BASIN [E]
132	JAM-527	164TH AVENUE	40	39	6	73	49	51	4" DIA	HAWTREE BASIN [E]
133	JAM-567	163RD AVENUE	40	39	13	73	49	28	4" DIA	BERGEN BASIN [W]
134	JAM-501	5' N/O 161ST AVENUE NORTH PIER	40	39	27	73	49	28	4" DIA PVC	BERGEN BASIN [W]
135	JAM-502	30' N/O 161ST AVENUE NORTH PIER	40	39	27	73	49	28	3" DIA PVC	BERGEN BASIN [W]
136	JAM-538	159TH ROAD	40	39	37	73	49	24	2' X 3' OVAL	BERGEN BASIN [W]
137	JAM-568	25' N/O 159TH ROAD	40	39	37	73	49	23	6" DIA	BERGEN BASIN [W]
138	JAM-569	75' N/O 159TH ROAD	40	39	38	73	49	23	6" DIA	BERGEN BASIN [W]
139	JAM-539	E/O LEFFERTS BLVD	40	39	38	73	49	21	2' X 3' OVAL	BERGEN BASIN [NW]
140	JAM-570	25' E/O LEFFERTS BLVD	40	39	38	73	49	21	4" DIA	BERGEN BASIN [NW]
141	JAM-540	W/O 121ST STREET	40	39	40	73	49	17	36" DIA	BERGEN BASIN [NW]
142	JAM-541	50' E/O 121ST STREET	40	39	41	73	49	14	24" DIA	BERGEN BASIN [NW]
143	JAM-122	W/O 122ND STREET	40	39	42	73	49	12	12" DIA	BERGEN BASIN [NW]
144	JAM-542	122ND STREET	40	39	42	73	49	11	24" DIA	BERGEN BASIN [NW]
145	JAM-003	123RD STREET (REG # 3)	40	39	44	73	49	7	DBL 8' X 9'	BERGEN BASIN [N]
146	JAM-003A	123RD STREET (REG # 14)	40	39	44	73	49	7	DBL 13' 6" X 9	BERGEN BASIN [N]
147	JAM-123	200' E/O 124TH STREET (REG # 14)	40	39	43	73	49	3	24" DIA	BERGEN BASIN [N]
148	JAM-124	450' E/O 124TH STREET (REG # 14)	40	39	42	73	48	59	18" DIA	BERGEN BASIN [N]
149	JAM-125	600' E/O 124TH STREET (REG # 14)	40	39	41	73	48	55	12" DIA	BERGEN BASIN [N]
150	JAM-139	800' E/O 124TH STREET (REG # 14)	40	39	41	73	48	51	12" DIA	BERGEN BASIN [N]
151	JAM-140	100' W/O 155TH AVENUE (REG # 1)	40	39	40	73	48	46	12" DIA	BERGEN BASIN [N]
152	JAM-001	JAMAICA W.P.C.P. OUTFALL	40	39	39	73	48	41	84" DIA	JAMAICA BAY
153	JAM-006	155TH AVENUE (REG # 1)	40	39	38	73	48	41	3BL 19' X 9'	BERGEN BASIN [E END]

JAMAICA

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	JAM-0008109A	126TH STREET	40	39	38	73	48	57	24" DIA	BERGEN BASIN [S]
155	JAM-571	100' W/O 126TH STREET	40	39	39	73	49	0	4" DIA	BERGEN BASIN [S]
156	JAM-0008109B	OPPOSITE 124TH STREET (REG # 14)	40	39	40	73	49	7	24" DIA	BERGEN BASIN [SE]
157	JAM-130	122ND PLACE	40	39	39	73	49	10	8" DIA	BERGEN BASIN [SE]
158	JAM-572	122ND STREET	40	39	38	73	49	12	4" DIA	BERGEN BASIN [SE]
159	JAM-543	S/O 161ST AVENUE	40	39	24	73	49	23	48" DIA	BERGEN BASIN [E]
160	JAM-544	COMMISSARY ROAD	40	39	19	73	49	24	48" DIA	BERGEN BASIN [E]
161	JAM-545	200' N/O WEST END OF RUNWAY 13R	40	39	8	73	49	21	DBL 60" DIA	BERGEN BASIN [E]
162	JAM-132	100' W/O WEST ROAD	40	38	53	73	49	12	72" DIA	GRASSY BAY [N]
163	JAM-546	1700' E/O WEST END OF RUNWAY 13R	40	38	36	73	48	38	51" DIA	GRASSY BAY [N]
164	JAM-0008109C	1950' E/O WEST END OF RUNWAY 13R	40	38	35	73	48	33	3BL 30' X 8'	GRASSY BAY [N]
165	JAM-547	6800' E/O WEST END OF RUNWAY 13R	40	38	17	73	47	50	72" DIA	GRASSY BAY [N]
166	JAM-133	4100 W/O RUNWAY 4L	40	38	7	73	47	30	DBL 20' X 8'	GRASSY BAY [N]
167	JAM-548	E/O SOUTH END OF RUNWAY 7	40	37	59	73	47	16	72" DIA	GRASSY BAY [N]
168	JAM-549	500' E/O SOUTH END OF RUNWAY 7	40	37	55	73	47	7	54" DIA	GRASSY BAY [N]
169	JAM-550	2050' N/O SOUTH END OF RUNWAY 4L	40	37	41	73	47	1	54" DIA	GRASSY BAY [E]
170	JAM-514	2050' N/O SOUTH END OF RUNWAY 4L	40	37	35	73	46	49	24" DIA	HASSOCK CHANNEL [E]
171	JAM-806	200' W/O RUNWAY 4R	40	37	37	73	46	33	48" DIA	HASSOCK CHANNEL [E]
172	JAM-551	600' NE/O SOUTH END OF RUNWAY 4R	40	37	46	73	45	50	48" DIA	HEAD OF BAY BASIN [W]
173	JAM-513	1750' NE/O SOUTH END OF RUNWAY 4R	40	37	47	73	45	47	48" DIA	HEAD OF BAY BASIN [W]
174	JAM-552	NORTH END OF RUNWAY 22L	40	38	50	73	45	17	48" DIA	THURSTON BASIN [S]
175	JAM-554	230TH STREET	40	38	52	73	45	17	DBL 16' X 8'	THURSTON BASIN [SW]
176	JAM-005	230TH STREET (REG # 6, 7, 8 & 9)	40	38	52	73	45	18	4BL 16' X 8'	THURSTON BASIN [W]
177	JAM-134	50' SE/O HEAD OF THURSTON BASIN	40	38	52	73	45	15	32" DIA	THURSTON BASIN [N]
178	JAM-573	50' N/O BRAOD STREET	40	38	13	73	44	50	4" DIA PVC	THURSTON BASIN [E]
179	JAM-574	75' NW/O BAYVIEW AVENUE	40	38	12	73	44	49	8" DIA	THURSTON BASIN [E]
180	JAM-575	50' NW/O BAYVIEW AVENUE	40	38	12	73	44	48	6" DIA	THURSTON BASIN [E]
181	JAM-503	BAYVIEW AVENUE	40	38	11	73	44	48	4" DIA PVC	HOOK CREEK [N]
182	JAM-504	15' NE/O BAYVIEW AVENUE	40	38	11	73	44	48	4" DIA PVC	HOOK CREEK [N]
183	JAM-576	75' NE/O BAYVIEW AVENUE	40	38	11	73	44	46	4" DIA PVC	HOOK CREEK [N]
184	JAM-505	315' NE/O BAYVIEW AVENUE	40	38	13	73	44	44	3" DIA	HOOK CREEK [N]
185	JAM-577	MOUTH OF HOOK CREEK	40	38	17	73	44	39	3" DIA PVC	HOOK CREEK [N]
186	JAM-578	5' E/O MOUTH OF HOOK CREEK	40	38	17	73	44	39	4" DIA PVC	HOOK CREEK [N]
187	JAM-537	40' E/O MOUTH OF HOOK CREEK	40	38	18	73	44	39	4" DIA PVC	HOOK CREEK [N]
188	JAM-579	42' E/O MOUTH OF HOOK CREEK	40	38	18	73	44	39	4" DIA PVC	HOOK CREEK [N]
189	JAM-506	50' N/O MOUTH OF HOOK CREEK BASIN	40	38	18	73	44	39	2" DIA PVC	HOOK CREEK BASIN [W]
190	JAM-507	52' N/O MOUTH OF HOOK CREEK BASIN	40	38	18	73	44	39	4" DIA PVC	HOOK CREEK BASIN [W]
191	JAM-580	100' N/O MOUTH OF HOOK CREEK BASIN	40	38	20	73	44	38	4" DIA PVC	HOOK CREEK BASIN [W]
192	JAM-508	BROOKVILLE BOULEVARD	40	38	20	73	44	37	10" DIA PVC	HOOK CREEK BASIN [N]
193	JAM-890	INTERSECTION OF BROOKVILLE & ROCKWAY BLVDS	40	38	16	73	44	29	12" DIA	HOOK CREEK
194	JAM-889	100' E/O BROOKVILLE BOULEVARD	40	38	15	73	44	28	18" DIA	HOOK CREEK [N]
195	JAM-581	25' S/O DIVISION STREET	40	38	15	73	44	28	4" DIA PVC	HOOK CREEK [N]
196	JAM-510	50' S/O DIVISION STREET	40	38	14	73	44	28	4" DIA PVC	HOOK CREEK [E]
197	JAM-511	60' S/O DIVISION STREET	40	38	14	73	44	28	4" DIA	HOOK CREEK [E]
198	JAM-512	N/O MEYER AVENUE	40	38	11	73	44	30	4" DIA PVC	HOOK CREEK [W]
199	JAM-582	S/O 1ST STREET	40	38	6	73	44	32	4" DIA PVC	HOOK CREEK [W]
200	JAM-583	75' S/O 1ST STREET	40	38	6	73	44	31	6" DIA PVC	HOOK CREEK [W]
201	JAM-584	2ND STREET	40	38	7	73	44	26	4" DIA	HOOK CREEK [W]
202	JAM-585	100' NE/O 2ND STREET	40	38	7	73	44	25	4" DIA	HOOK CREEK [W]
203	JAM-586	150' NE/O 2ND STREET	40	38	7	73	44	25	4" DIA	HOOK CREEK [W]
204	JAM-587	175' NE/O 2ND STREET	40	38	7	73	44	24	4" DIA	HOOK CREEK [W]

JAMAICA

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	JAM-884	75' N/O ROCKWAY BOULEVARD	40	38	8	73	44	24	36" DIA	HOOK CREEK [W]
206	JAM-885	NORTH EAST CORNER OF PATHMARK SUPER CNTR	40	38	11	73	44	17	24" DIA	HOOK CREEK [W]
207	JAM-886	200' W/O NE CORNER OF PATHMARK SUPER CNTR	40	38	14	73	44	17	36" DIA	HOOK CREEK [W]
208	JAM-007	HEAD OF THURSTON BASIN (REG # 6, 7, 8 & 9)	40	38	52	73	45	15	4BL 17' X 6'	THURSTON BASIN
209	JAM-633	163RD AVENUE	40	39	10	73	50	12	12" DIA	SHELLBANK BASIN (E)
210	JAM-634	164TH AVENUE	40	39	4	73	50	11	18" DIA	SHELLBANK BAISIN (E)
211	JAM-629	164TH AVENUE	40	39	6	73	49	54	12" DIA	HAWTREE BASIN
212	JAM-658	164TH AVENUE	40	39	6	73	49	54	10" DIA	HAWTREE BASIN
213	JAM-637	162ND AVENUE	40	39	18	73	49	57	12" DIA	HAWTREE BASIN
214	JAM-635	100TH STREET	40	39	29	73	49	58	18" DIA	HAWTREE BASIN
215	JAM-655	HOOK CREEK BLVD	40	39	6	73	43	37	54" DIA	HOOK CREEK
216	JAM-887	233RD STREET	40	38	51	73	45	13	42" DIA	THURSTON BASIN
217	JAM-640	147TH AVENUE & 184TH STREET	40	39	32	73	45	48	24" DIA	SPRINGFIELD PARK
218	JAM-888	141ST STREET	40	39	54	73	44	29	24" DIA	CONSELYEA'S POND
219	JAM-647	139TH AVENUE	40	40	9	73	44	17	24" DIA	CONSELYEA'S POND
220	JAM-648	137TH AVENUE	40	40	12	73	44	15	18" DIA	CONSELYEA'S POND
221	JAM-649	HUXLEY STREET	40	38	57	73	44	13	13' 6" X 7' 0"	HOOK CREEK
222	JAM-650	254TH STREET	40	38	58	73	44	9	15" DIA	HOOK CREEK
223	JAM-651	255TH STREET	40	38	60	73	44	6	15" DIA	HOOK CREEK
224	JAM-652	WELLER LANE	40	38	60	73	44	2	12" DIA	HOOK CREEK
225	JAM-653	256TH STREET	40	39	0	73	43	59	36" DIA	HOOK CREEK
226	JAM-654	257TH STREET	40	39	1	73	43	56	12" DIA	HOOK CREEK
227	JAM-142	119TH AVE	40	40	48	73	47	13	24" DIA	BAISLEY POND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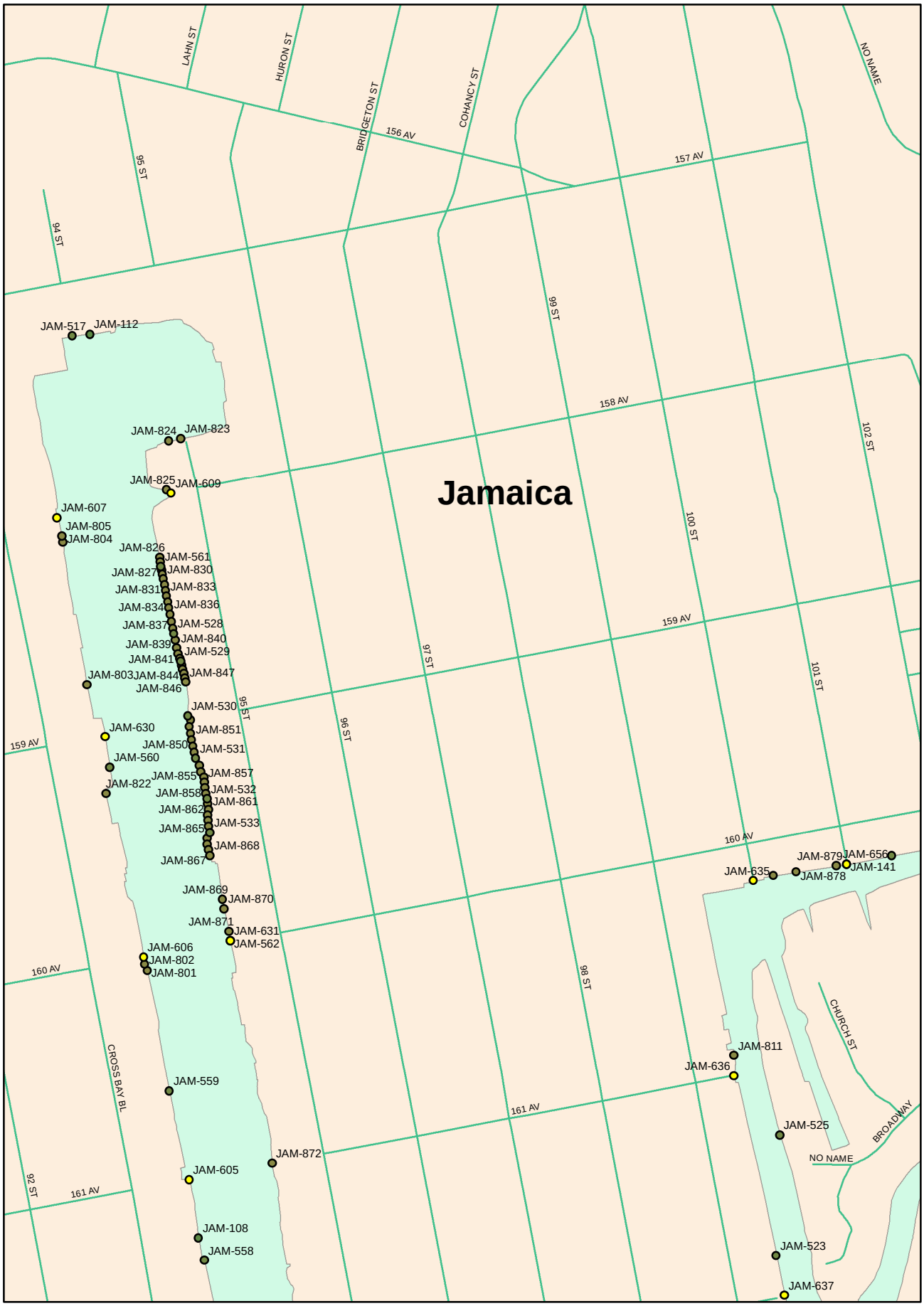
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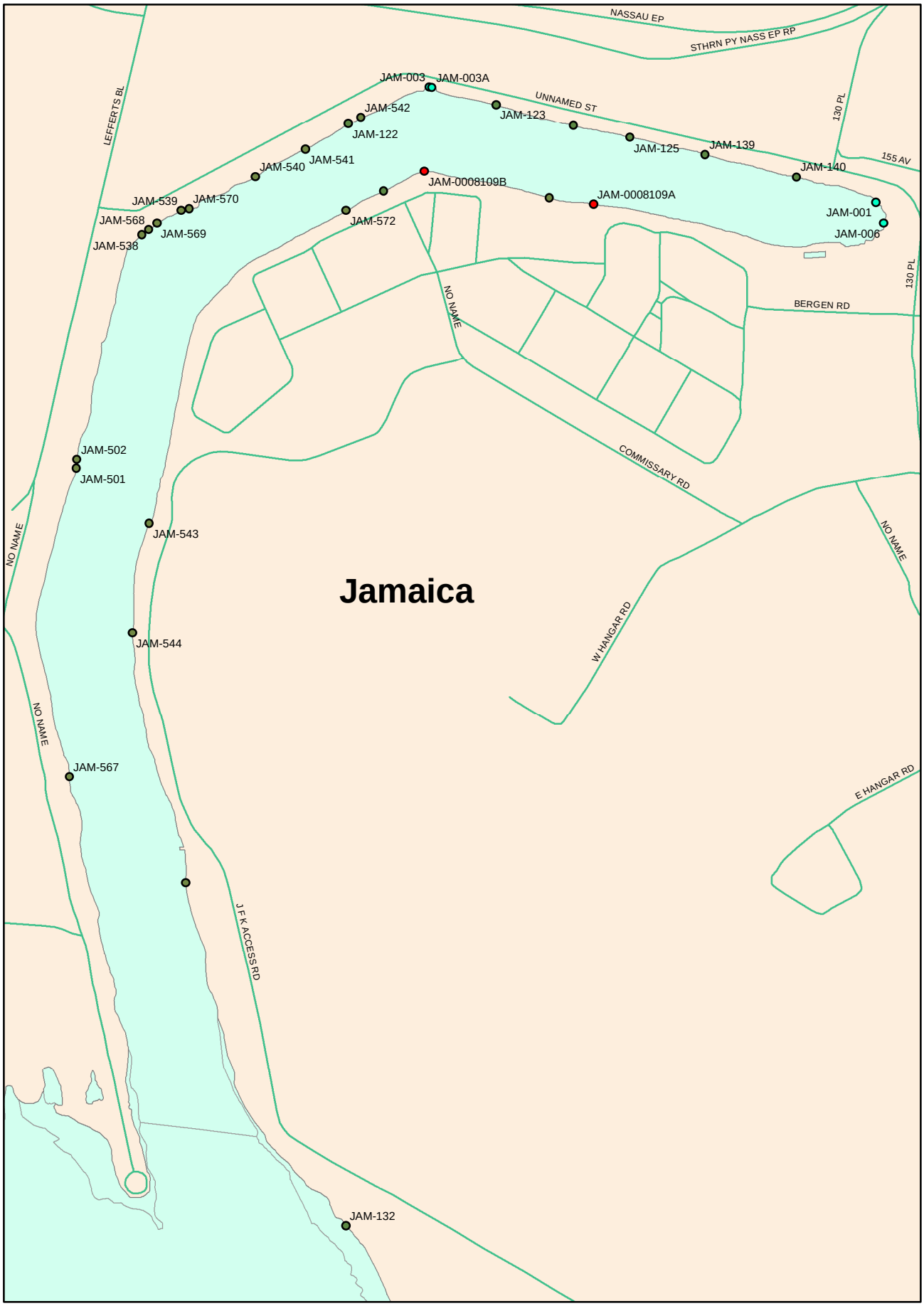
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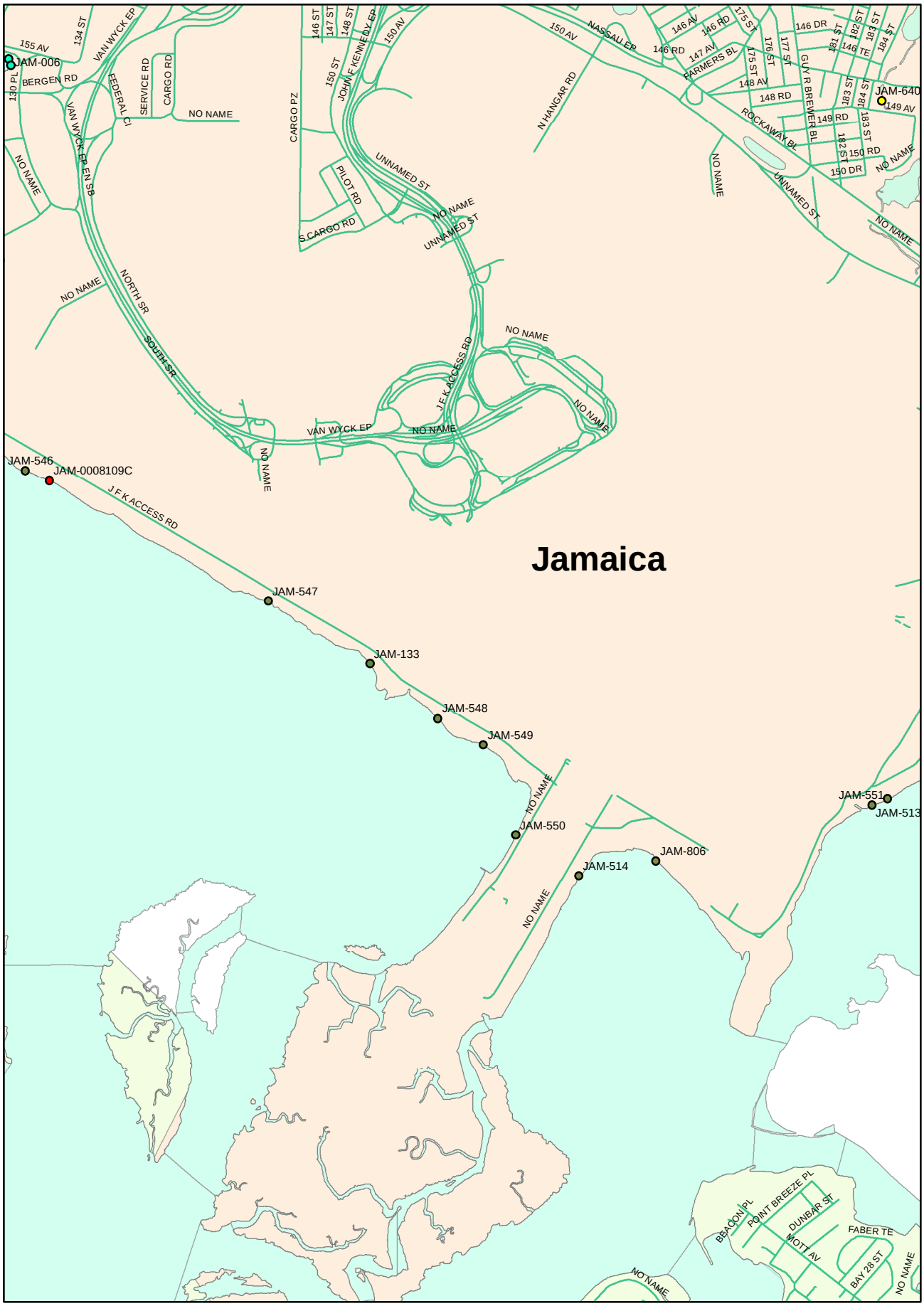
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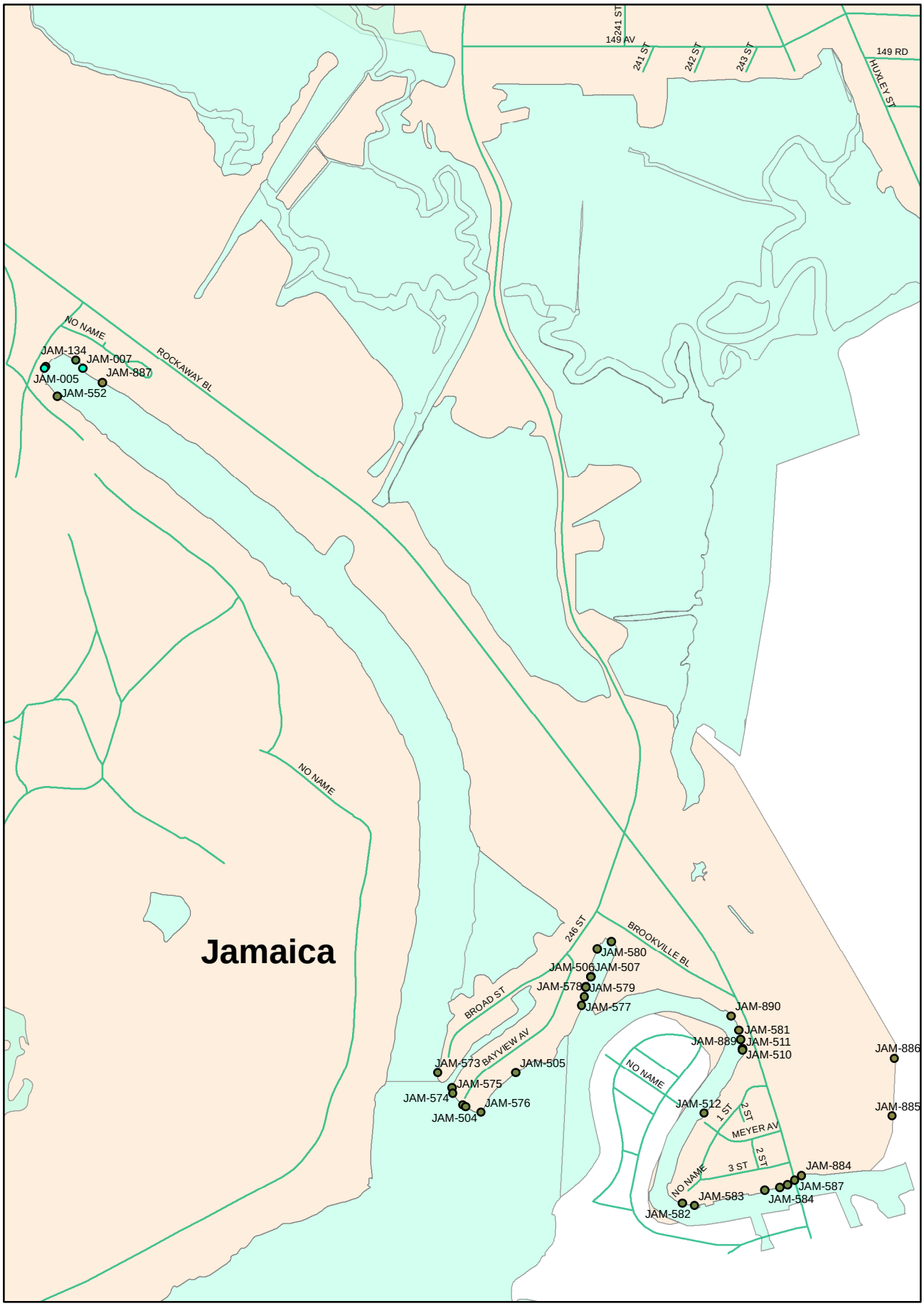
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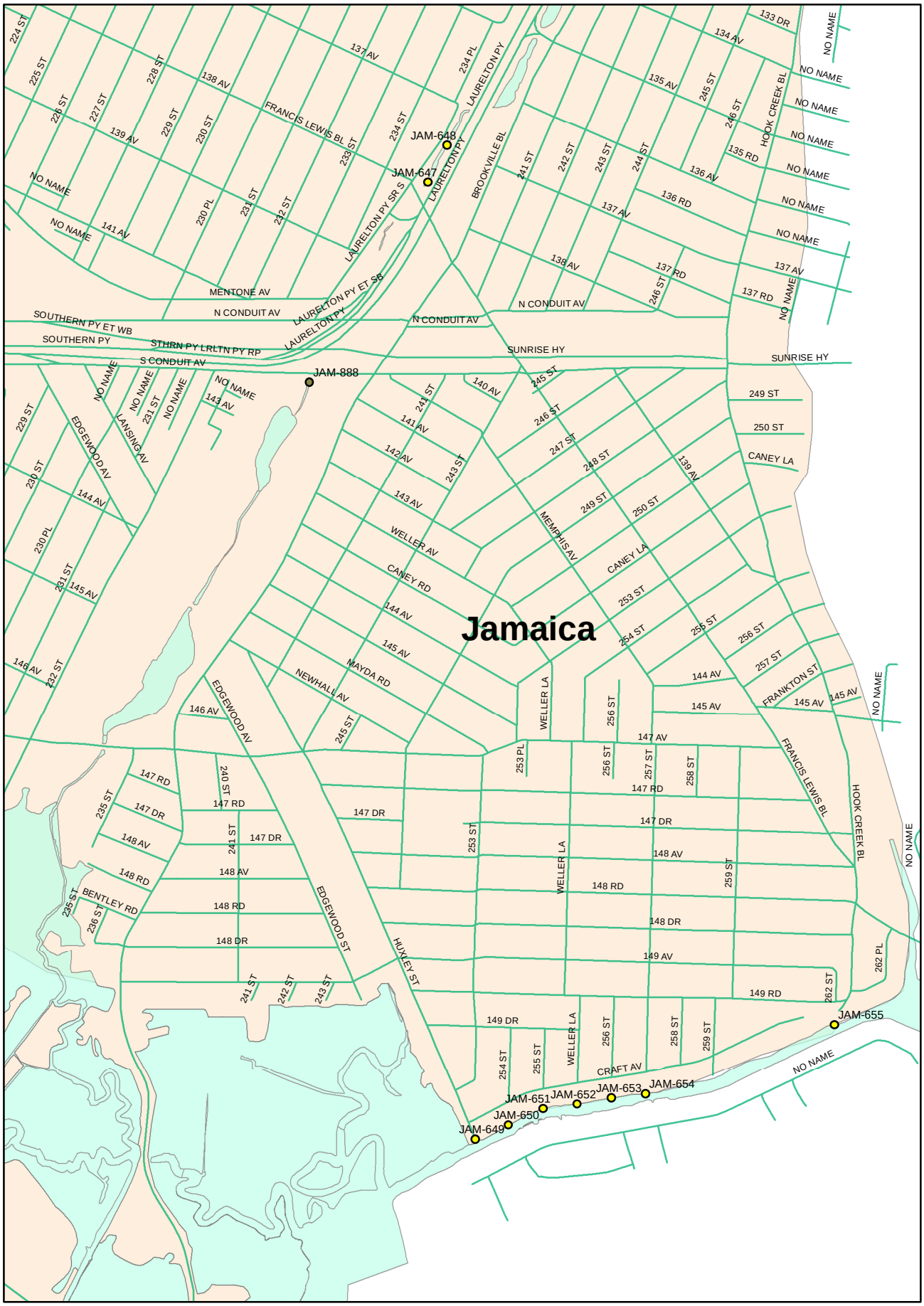
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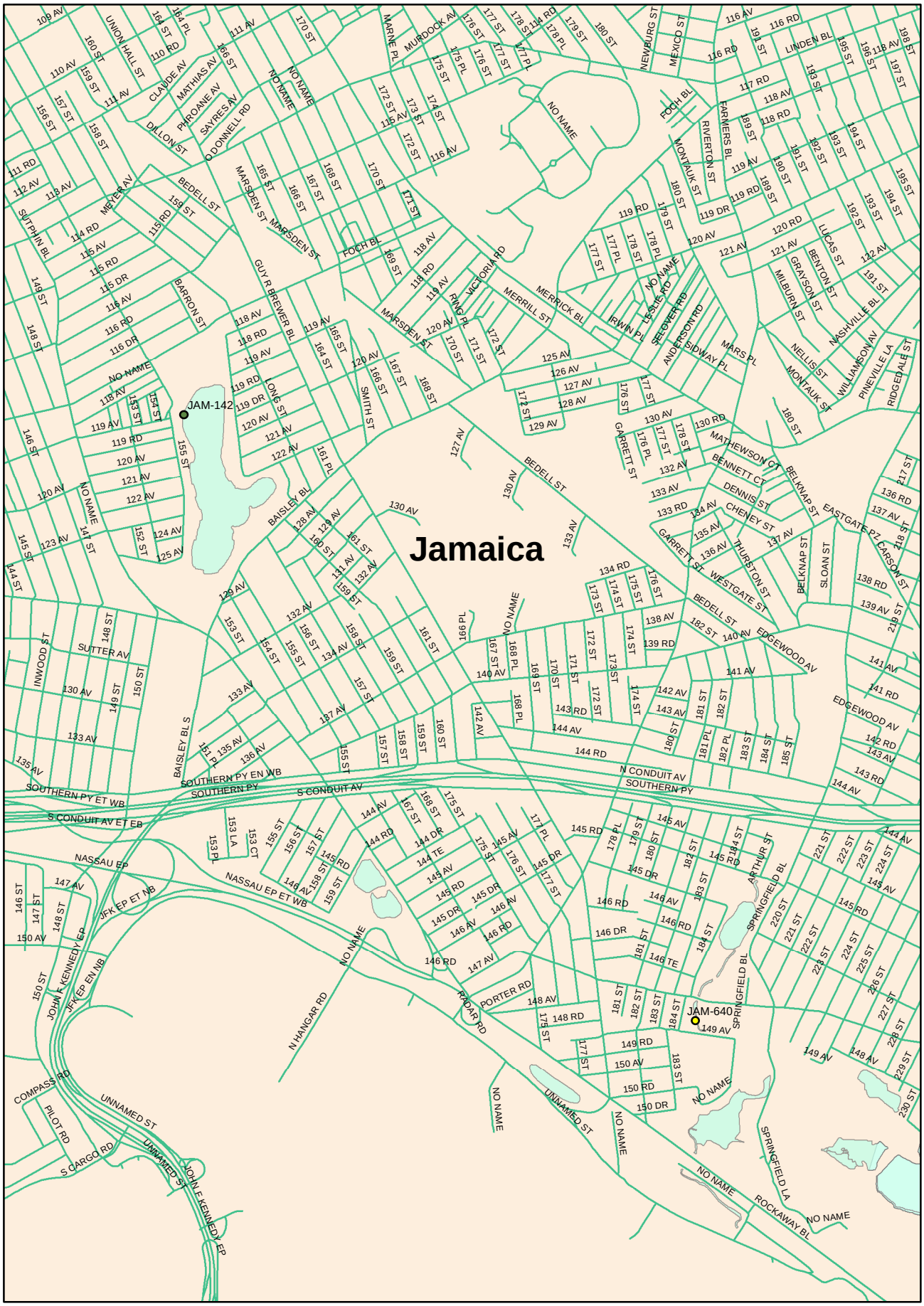
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RADAR RD
N HANGAR RD
SPRINGFIELD BL
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ARTHUR ST
ROCKAWAY BL
UNNAMED ST
COMPASS RD
PILOT RD
S CARGO RD
NO NAME

Outfall ID: JAM-003
Location: 123RD STREET (REG # 3)
Latitude: 40° 39' 44"
Longitude: 73° 49' 7"
Outfall Size: DBL 8' X 9'
Receiving Water: BERGEN BASIN [N]

Outfall ID: JAM-003A
Location: 123RD STREET (REG # 14)
Latitude: 40° 39' 44"
Longitude: 73° 49' 7"
Outfall Size: DBL 13' 6" X 9'
Receiving Water: BERGEN BASIN [N]

Outfall ID: JAM-005
Location: 230TH STREET (REG # 6, 7, 8 & 9)
Latitude: 40° 38' 52"
Longitude: 73° 45' 18"
Outfall Size: 4BL 16' X 8'
Receiving Water: THURSTON BASIN [W]

Outfall ID: JAM-006
Location: 155TH AVENUE (REG # 1)
Latitude: 40° 39' 38"
Longitude: 73° 48' 41"
Outfall Size: 3BL 19' X 9'
Receiving Water: BERGEN BASIN [E END]

Outfall ID: JAM-007

Location: HEAD OF THURSTON BASIN (REG # 6, 7, 8 & 9)

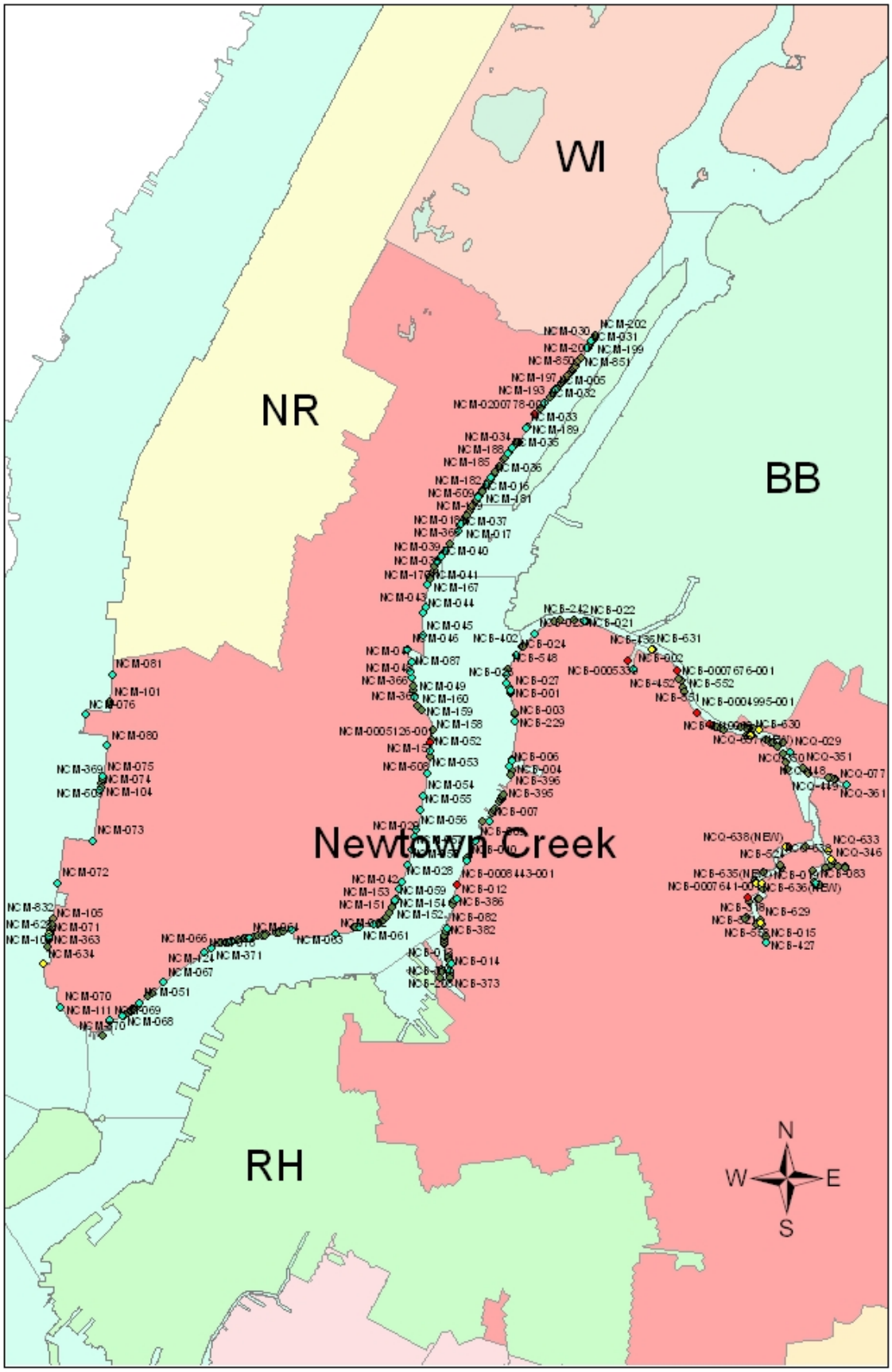
Latitude: 40° 38' 52"

Longitude: 73° 45' 15"

Outfall Size: 4BL 17' X 6'

Receiving Water: THURSTON BASIN

NEWTOWN CREEK DRAINAGE AREA



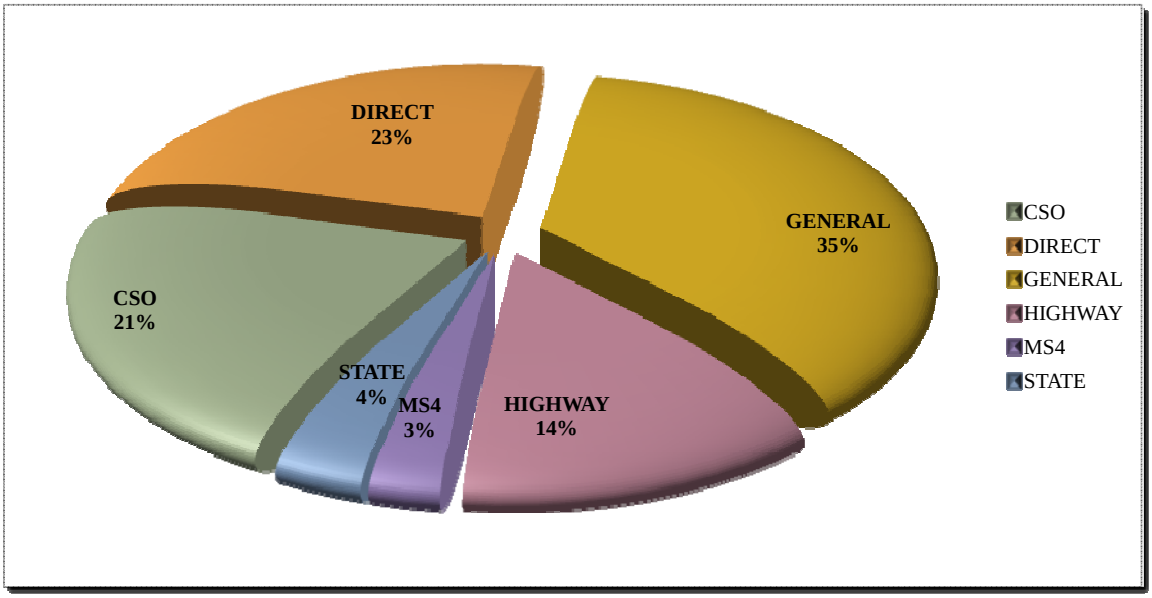
NEWTOWN CREEK SURVEY REPORT

The survey of the entire drainage area of Newtown Creek, 25.58 miles of shoreline, resulted in the identification of 395 outfalls. The outfalls consist of 83 combined sewer overflow outfalls, 56 highway outfalls, 139 general outfalls, 92 direct discharge outfalls, 11 storm outfalls and 14 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Newtown Creek Water Pollution Control Plant receives sewer flows from Manhattan, Brooklyn and Queens. All three drainage areas were inspected entirely by boat and inflatable raft.

In Manhattan drainage area, the survey began at the Hudson River at Morton Street, going around the Battery, and proceeded north in the East River up to East 72nd Street. For the Brooklyn and Queens Drainage areas, survey began at the Wallabout Channel and proceeded up north in the East River, encompassing Bushwick Creek, west side of Newtown Creek, Whale Creek, English Kills. Then the survey progressed along the east side of the Newtown Creek including Maspeth Creek and finishing up at the Calvary Cemetery.

Percentile representation of Newtown Creek outfalls



NEWTOWN CREEK (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	NCB-203	100' SE/O DIVISION AVENUE	40	42	22	73	58	13	10" DIA	WALLABOUT CHANNEL
2	NCB-204	150' S/O DIVISION AVENUE	40	42	22	73	58	13	10" DIA	WALLABOUT CHANNEL
3	NCB-565	150' S/O DIVISION AVENUE	40	42	22	73	58	13	8" SQUARE	WALLABOUT CHANNEL
4	NCB-205	300' S/O DIVISION AVENUE	40	42	20	73	58	14	10" DIA	WALLABOUT CHANNEL
5	NCB-014	KENT AVE (REG # B-4)	40	42	22	73	58	9	DBL 17' X 11'	WALLABOUT CHANNEL
6	NCB-566	30' W/O KENT AVE & 150' S/O DIVISION AVENUE (REG # B-4)	40	42	22	73	58	9	8" DIA	WALLABOUT CHANNEL
7	NCB-567	50' W/O KENT AVE & 150' S/O DIVISION AVENUE (REG # B-4)	40	42	21	73	58	9	8" DIA	WALLABOUT CHANNEL
8	NCB-208	75' W/O KENT AVE & 150' S/O DIVISION AVENUE (REG # B-4)	40	42	21	73	58	9	10" DIA	WALLABOUT CHANNEL
9	NCB-373	150' W/O KENT AVE & 150' S/O DIVISION AVENUE (REG # B-4)	40	42	20	73	58	9	60" DIA	WALLABOUT CHANNEL
10	NCB-209	50' E/O DIVISION AVENUE (REG # B-5) (BEHIND TIMBERS)	40	42	24	73	58	9	10" DIA	WALLABOUT CHANNEL
11	NCB-013	DIVISION AVENUE (REG # B-5)	40	42	25	73	58	9	10' X 8'	WALLABOUT CHANNEL/ E
12	NCB-374	50' W/O DIVISION AVENUE (REG # B-5)	40	42	25	73	58	9	10" DIA	WALLABOUT CHANNEL
13	NCB-529	100' N/O DIVISION AVENUE (REG # B-5)	40	42	26	73	58	10	6" DIA	WALLABOUT CHANNEL
14	NCB-211	150' N/O DIVISION AVENUE (REG # B-5)	40	42	27	73	58	10	18" DIA	WALLABOUT CHANNEL
15	NCB-530	SOUTH 10TH STREET	40	42	31	73	58	12	4" DIA	EAST RIVER (E)
16	NCB-531	50' N/O SOUTH 10TH STREET	40	42	32	73	58	12	8" DIA	EAST RIVER (E)
17	NCB-532	100' N/O SOUTH 10TH STREET	40	42	32	73	58	12	8" DIA	EAST RIVER (E)
18	NCB-533	SOUTH 9TH STREET	40	42	34	73	58	12	4" DIA	EAST RIVER (E)
19	NCB-534	25' N/O SOUTH 9TH STREET	40	42	34	73	58	12	4" DIA	EAST RIVER (E)
20	NCB-378	30' N/O SOUTH 9TH STREET	40	42	34	73	58	12	24" DIA	EAST RIVER (E)
21	NCB-535	75' N/O SOUTH 9TH STREET	40	42	34	73	58	11	4" DIA	EAST RIVER (E)
22	NCB-536	90' N/O SOUTH 9TH STREET	40	42	35	73	58	11	6" DIA	EAST RIVER (E)
23	NCB-537	150' N/O SOUTH 9TH STREET	40	42	35	73	58	11	6" DIA	EAST RIVER (E)
24	NCB-382	50' S/O SOUTH 8TH STREET	40	42	35	73	58	11	18" DIA	EAST RIVER (E)
25	NCB-214	SOUTH 8TH STREET	40	42	36	73	58	11	10" DIA	EAST RIVER (E)
26	NCB-538	SOUTH 8TH STREET	40	42	36	73	58	11	6" DIA	EAST RIVER (E)
27	NCB-539	SOUTH 8TH STREET	40	42	36	73	58	11	6" DIA	EAST RIVER (E)
28	NCB-082	SOUTH 8TH STREET (REG # B-6)	40	42	36	73	58	11	36" DIA	EAST RIVER (E)
29	NCB-819	SOUTH 8TH STREET	40	42	36	73	58	11	10" DIA	EAST RIVER (E)
30	NCB-216	20' N/O SOUTH 8TH STREET	40	42	37	73	58	11	36" DIA	EAST RIVER (E)
31	NCB-385	100' N/O SOUTH 6TH STREET	40	42	44	73	58	8	12" DIA	EAST RIVER (E)
32	NCB-217	WILLIAMSBURG BRIDGE	40	42	45	73	58	8	12" DIA	EAST RIVER (E)
33	NCB-386	50' N/O WILLIAMSBURG BRIDGE	40	42	46	73	58	7	12" DIA	EAST RIVER (E)
34	NCB-012	SOUTH 5TH STREET (REG # B-6)	40	42	46	73	58	6	144" DIA	EAST RIVER (E)
35	NCB-0008443-001	SOUTH 3RD STREET	40	42	51	73	58	6	10" DIA	EAST RIVER (E)
36	NCB-010	GRAND STREET (REG # B-6A)	40	42	59	73	58	2	1' 6" X 1' 6"	EAST RIVER (E)
37	NCB-218	150' N/O GRAND STREET	40	43	0	73	58	2	18" DIA	EAST RIVER (E)
38	NCB-009	METROPOLITAN AVENUE (REG # B-7)	40	43	6	73	57	58	18" DIA	EAST RIVER (E)
39	NCB-008	METROPOLITAN AVENUE (REG # B-7)	40	43	6	73	57	58	60" DIA	EAST RIVER (E)
40	NCB-540	50' N/O NORTH 4TH STREET	40	43	12	73	57	55	4" DIA	EAST RIVER (E)
41	NCB-541	75' N/O NORTH 4TH STREET	40	43	13	73	57	55	8" DIA	EAST RIVER (E)
42	NCB-007	NORTH 5TH STREET (REG # B-8)	40	43	12	73	57	52	3' X 3' 9"	EAST RIVER (E)
43	NCB-542	15' N/O NORTH 6TH STREET	40	43	15	73	57	50	8" DIA	EAST RIVER (E)
44	NCB-543	75' S/O NORTH 7TH STREET	40	43	16	73	57	50	8" DIA	EAST RIVER (E)
45	NCB-221	NORTH 7TH STREET	40	43	17	73	57	50	10" DIA	EAST RIVER (E)
46	NCB-222	NORTH 8TH STREET	40	43	19	73	57	47	10" SQUARE	EAST RIVER (E)
47	NCB-544	75' N/O NORTH 8TH STREET	40	43	20	73	57	47	8" DIA	EAST RIVER (E)
48	NCB-391	150' N/O NORTH 8TH STREET	40	43	20	73	57	47	10" DIA	EAST RIVER (E)
49	NCB-545	175' N/O NORTH 8TH STREET	40	43	20	73	57	46	8" DIA	EAST RIVER (E)
50	NCB-392	225' N/O NORTH 8TH STREET	40	43	21	73	57	46	10" SQUARE	EAST RIVER (E)
51	NCB-546	250' N/O NORTH 8TH STREET	40	43	21	73	57	46	8" DIA	EAST RIVER (E)

NEWTOWN CREEK (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	NCB-393	275' N/O NORTH 8TH STREET	40	43	21	73	57	46	10" SQUARE	EAST RIVER (E)
53	NCB-394	300' N/O NORTH 8TH STREET	40	43	21	73	57	46	10" SQUARE	EAST RIVER (E)
54	NCB-395	325' N/O NORTH 8TH STREET	40	43	21	73	57	46	10" SQUARE	EAST RIVER (E)
55	NCB-547	15' N/O NORTH 9TH STREET	40	43	22	73	57	46	8" DIA	EAST RIVER (E)
56	NCB-396	200' N/O NORTH 11TH STREET	40	43	28	73	57	42	10" DIA	EAST RIVER (E)
57	NCB-226	48' S/O NORTH 12TH STREET (ABOVE # NCB-227)	40	43	29	73	57	42	10" DIA	EAST RIVER (E)
58	NCB-227	50' S/O NORTH 12TH STREET	40	43	29	73	57	42	18" DIA	EAST RIVER (E)
59	NCB-006	NORTH 12TH STREET (REG # B-9)	40	43	31	73	57	43	DBL 11' 2" X 8'	EAST RIVER (E)
60	NCB-004	QUAY STREET (REG # B-10)	40	43	33	73	57	42	7' 6" X 5' 9"	EAST RIVER (E)
61	NCB-397	40' N/O QUAY STREET	40	43	33	73	57	42	18" DIA	EAST RIVER (E)
62	NCB-003	GREENPOINT AVENUE (REG # B-11)	40	43	46	73	57	40	24" DIA	EAST RIVER (E)
63	NCB-228	GREENPOINT AVENUE (NORTH SIDE)	40	43	47	73	57	40	18" DIA	EAST RIVER (E)
64	NCB-229	KENT STREET (SOUTH SIDE)	40	43	49	73	57	41	12" DIA	EAST RIVER (E)
65	NCB-230	KENT STREET (NORTH SIDE)	40	43	49	73	57	41	12" DIA	EAST RIVER (E)
66	NCB-231	200' N/O INDIA STREET	40	43	56	73	57	43	18" DIA	EAST RIVER (E)
67	NCB-001	NEWTOWN CREEK W.P.C.P. OUTFALL	40	43	56	73	57	43	144" DIA	EAST RIVER
68	NCB-027	HURON STREET (REG # B-12)	40	43	57	73	57	43	7' 9" X 6' 3"	EAST RIVER (E)
69	NCB-398	150' N/O HURON STREET	40	43	58	73	57	43	18" DIA	EAST RIVER (E)
70	NCB-026	GREEN STREET (REG # B-13)	40	43	59	73	57	44	2' X 2' 6"	EAST RIVER (E)
71	NCB-025	FREEMAN STREET (REG # B-14)	40	44	2	73	57	44	24" DIA	EAST RIVER (E)
72	NCB-548	300' N/O FREEMAN STREET (REG # B-14)	40	44	4	73	57	44	4" DIA	EAST RIVER (E)
73	NCB-024	DUPONT STREET (REG # B-15)	40	44	9	73	57	40	18" DIA	EAST RIVER (E)
74	NCB-401	50' NE/O WEST STREET	40	44	11	73	57	37	6" DIA	NEWTOWN CREEK (S)
75	NCB-402	80' NE/O WEST STREET	40	44	12	73	57	37	6" DIA	NEWTOWN CREEK (S)
76	NCB-023	FRANKLIN STREET (REG # B-16)	40	44	16	73	57	32	24" DIA	NEWTOWN CREEK (S)
77	NCB-549	400' W/O MANHATTAN AVENUE	40	44	20	73	57	23	6" DIA	NEWTOWN CREEK (S)
78	NCB-550	200' W/O MANHATTAN AVENUE	40	44	20	73	57	21	6" DIA	NEWTOWN CREEK (S)
79	NCB-242	400' E/O MANHATTAN AVENUE	40	44	21	73	57	14	12" DIA	NEWTOWN CREEK (S)
80	NCB-021	MCGUINESS BOULEVARD	40	44	20	73	57	10	36" DIA	NEWTOWN CREEK (S)
81	NCB-022	MCGUINESS BOULEVARD (REG # B-17)	40	44	20	73	57	10	4' 6" X 6' 3"	NEWTOWN CREEK (S)
82	NCB-0201138	MCGUINESS BOULEVARD	40	44	20	73	57	10	8" DIA	NEWTOWN CREEK
83	NCB-006131-001	PULASKI BRIDGE (EAST SIDE)	40	44	20	73	57	9	8" DIA	NEWTOWN CREEK (S)
84	NCB-006131-002	PULASKI BRIDGE (EAST SIDE)	40	44	20	73	57	9	8" DIA	NEWTOWN CREEK (S)
85	NCB-0005339	FREEMAN STREET (EXXON)	40	44	7	73	56	51	6" DIA	WHALE CREEK CANAL (W)
86	NCB-002	PLANT OUTFALL	40	44	4	73	56	48	3BL 7' X 8'	WHALE CREEK CANAL
87	NCB-434	N HENRY STREET	40	44	11	73	56	40	12" DIA	NEWTOWN CREEK
88	NCB-631	N/O HENRY STREET	40	44	11	73	56	40	90" DIA	NEWTOWN CREEK
89	NCB-435	10' S/O N HENRY STREET	40	44	10	73	56	40	8" DIA	NEWTOWN CREEK
90	NCB-0007676-001	350' N/O JJ BYRNE MEMORIAL BRIDGE	40	44	3	73	56	29	6" DIA	NEWTOWN CREEK (W)
91	NCB-452	80' N/O JJ BYRNE MEMORIAL BRIDGE	40	44	1	73	56	28	10" DIA	NEWTOWN CREEK
92	NCB-451	15' N/O JJ BYRNE MEMORIAL BRIDGE	40	43	60	73	56	27	10" DIA	NEWTOWN CREEK
93	NCB-551	175' S/O JJ BYRNE MEMORIAL BRIDGE	40	43	57	73	56	26	8" DIA	NEWTOWN CREEK (W)
94	NCB-552	300' S/O JJ BYRNE MEMORIAL BRIDGE	40	43	56	73	56	25	8" DIA	NEWTOWN CREEK (W)
95	NCB-0004995-001	MESEROLE STREET	40	43	49	73	56	20	12" DIA	NEWTOWN CREEK (W)
96	NCB-0004596	APOLLO STREET	40	43	46	73	56	14	12" DIA	NEWTOWN CREEK (S)
97	NCB-513	150' E/O APOLLO STREET	40	43	45	73	56	13	18" DIA	NEWTOWN CREEK (S)
98	NCB-553	200' E/O APOLLO STREET	40	43	45	73	56	12	6" DIA	NEWTOWN CREEK (S)
99	NCB-554	275' E/O APOLLO STREET	40	43	44	73	56	11	6" DIA	NEWTOWN CREEK (S)
100	NCB-292	400' E/O APOLLO STREET	40	43	44	73	56	9	10" DIA	NEWTOWN CREEK (S)
101	NCB-294	500' E/O APOLLO STREET	40	43	43	73	56	8	12" DIA	NEWTOWN CREEK (S)
102	NCB-555	25'W /O MEEKER AV	40	43	42	73	55	58	8" DIA	NEWTOWN CREEK (S)

NEWTOWN CREEK (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	NCB-0110060	10' W/O MEEKER STREET	40	43	41	73	55	57	3" DIA	NEWTOWN CREEK (S)
104	NCB-630	MEEKER STREET & GARDNER AVE	40	43	41	73	55	56	DBL 15" DIA	NEWTOWN CREEK (S)
105	NCB-436	MEEKER STREET & GARDNER AVE	40	43	41	73	55	56	12" DIA	NEWTOWN CREEK (S)
106	NCB-020930-001	MEEKER STREET & GARDNER AVE	40	43	41	73	55	55	6" DIA	NEWTOWN CREEK (S)
107	NCB-556	200' W/O KOSCIUSKO BRIDGE	40	43	40	73	55	49	8" DIA	NEWTOWN CREEK (S)
108	NCB-415	50' W/O KOSCIUSKO BRIDGE	40	43	39	73	55	47	10" DIA	NEWTOWN CREEK (S)
109	NCB-301	KOSCIUSKO BRIDGE	40	43	39	73	55	46	36" DIA	NEWTOWN CREEK (S)
110	NCB-303	100' E/O KOSCIUSKO BRIDGE	40	43	38	73	55	45	12" DIA	NEWTOWN CREEK (S)
111	NCB-304	CHERRY STREET	40	43	35	73	55	42	10" DIA	NEWTOWN CREEK (W)
112	NCB-516	300' NW/O LOMBARDY STREET	40	43	33	73	55	40	18" DIA	NEWTOWN CREEK (W)
113	NCB-517	LOMBARDY STREET	40	43	30	73	55	40	12" DIA	NEWTOWN CREEK (W)
114	NCB-0005789-001	500' W/O ENGLISH KILLS ENTRANCE	40	43	4	73	55	39	10" DIA ELBOW	ENGLISH KILLS (N)
115	NCB-638	GARDENER AVE	40	43	4	73	55	41	54" DIA	ENGLISH KILLS (N)
116	NCB-518	150' W/O IVYHILL RD	40	42	55	73	55	51	4" DIA	ENGLISH KILLS (N)
117	NCB-437	120' N/O GRAND STREET BRIDGE	40	42	52	73	55	54	4" DIA	ENGLISH KILLS (W)
118	NCB-438	90" N/O GRAND STREET BRIDGE	40	42	52	73	55	54	6" DIA	ENGLISH KILLS (W)
119	NCB-823	50' N/O GRAND STREET BRIDGE	40	42	52	73	55	54	6" DIA	ENGLISH KILLS (W)
120	NCB-519	30' N/O GRAND STREET BRIDGE	40	42	52	73	55	53	6" DIA	ENGLISH KILLS (W)
121	NCB-636	5' N/O GRAND STREET BRIDGE	40	42	51	73	55	53	60" DIA	ENGLISH KILLS (W)
122	NCB-0007641-001	MAUJER STREET	40	42	47	73	55	57	6" DIA	ENGLISH KILLS (W)
123	NCB-557	TENEYCK STREET	40	42	45	73	55	57	8" DIA	ENGLISH KILLS (W)
124	NCB-318	150' E/O MORGAN AVE & 25' N/O STAGG STREET	40	42	40	73	55	58	4' X 6'	MEADOW ST CANAL
125	NCB-439	100' E/O MORGAN AVE & 25' N/O STAGG STREET	40	42	40	73	55	58	6" DIA	MEADOW ST CANAL
126	NCB-426	SCHOLES STREET	40	42	38	73	55	53	10" DIA	ENGLISH KILLS (W)
127	NCB-015	JOHNSON AVE (REG # B-1)	40	42	31	73	55	49	15' 8" X 10'	ENGLISH KILLS (S)
128	NCB-427	15' S/O LONG ISLAND RAILROAD BRIDGE	40	42	33	73	55	49	12" DIA	ENGLISH KILLS (E)
129	NCB-558	20' S/O SCHOLES STREET	40	42	38	73	55	52	8" DIA	ENGLISH KILLS (E)
130	NCB-520	SCHOLES STREET	40	42	38	73	55	52	24" DIA	ENGLISH KILLS (E)
131	NCB-629	SCHOLES STREET	40	42	38	73	55	52	60" DIA	ENGLISH KILLS (E)
132	NCB-521	50" N/O SCHOLES STREET	40	42	39	73	55	52	24" DIA	ENGLISH KILLS (E)
133	NCB-440	20" W/O TENEYCK STREET	40	42	46	73	55	53	36" DIA	ENGLISH KILLS (E)
134	NCB-441	TENEYCK STREET	40	42	46	73	55	52	8" DIA	ENGLISH KILLS (E)
135	NCB-559	150' S/O GRAND STREET BRIDGE	40	42	50	73	55	50	8" DIA	ENGLISH KILLS (E)
136	NCB-635	10' S/O GRAND STREET BRIDGE	40	42	51	73	55	51	48" DIA	ENGLISH KILLS (E)
137	NCB-522	50' N/O GRAND STREET	40	42	57	73	55	43	10" DIA	ENGLISH KILLS (E)
138	NCB-523	80' N/O GRAND STREET	40	42	57	73	55	43	6" DIA	ENGLISH KILLS (E)
139	NCB-524	110' N/O GRAND STREET	40	42	58	73	55	43	4" DIA	ENGLISH KILLS (E)
140	NCB-454	200' W/O ENGLISH KILLS ENTRANCE	40	43	4	73	55	32	8" DIA	ENGLISH KILLS (S)
141	NCB-525	500' N/O METROPOLITAN AVENUE / SCOTT AVENUE	40	42	56	73	55	29	8" DIA	NEWTOWN CREEK (W)
142	NCB-335	SCOTT AVENUE	40	42	52	73	55	28	30" DIA	NEWTOWN CREEK (W)
143	NCB-560	40' N/O METROPOLITAN AVENUE	40	42	52	73	55	28	4" DIA	NEWTOWN CREEK (W)
144	NCB-561	20' N/O METROPOLITAN AVENUE	40	42	52	73	55	28	6" DIA	NEWTOWN CREEK (W)
145	NCB-364	INSIDE METROPOLITAN AVENUE / SCOTT AVENUE	40	42	51	73	55	28	36" DIA	NEWTOWN CREEK (W)
146	NCB-083	METROPOLITAN AVENUE / SCOTT AVENUE	40	42	51	73	55	28	186" DIA	NEWTOWN CREEK (W)
147	NCB-019	METROPOLITAN AVENUE (REG B-2)	40	42	51	73	55	27	36" DIA	NEWTOWN CREEK (W)

NEWTOWN CREEK (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	NCM-081	N/O CHARLES STREET (REG # TG-1)	40	44	2	74	0	39	4' X 5'	HUDSON RIVER
2	NCM-101	MORTON STREET	40	43	53	74	0	40	18" SQUARE	HUDSON RIVER
3	NCM-501	50' S/O MORTON STREET	40	43	52	74	0	40	8" DIA	HUDSON RIVER
4	NCM-502	55' S/O MORTON STREET	40	43	52	74	0	40	8" DIA	HUDSON RIVER
5	NCM-076	CLARKSON STREET (REG # 1)	40	43	49	74	0	51	48" DIA	HUDSON RIVER
6	NCM-080	N/O VANDAM STREET (REG # TG-2)	40	43	38	74	0	41	48" DIA	HUDSON RIVER
7	NCM-369	100' S/O WATTS STREET	40	43	27	74	0	43	18" SQUARE	HUDSON RIVER
8	NCM-075	WATTS STREET (REG # M-2)	40	43	28	74	0	43	DBL 6' 0" X 7' 5"	HUDSON RIVER
9	NCM-831	200' N/O DESBROSSES STREET	40	43	27	74	0	43	18" SQUARE	HUDSON RIVER
10	NCM-503	DESBROSSES STREET	40	43	25	74	0	44	6" DIA	HUDSON RIVER
11	NCM-104	100' N/O VESTRY STREET	40	43	24	74	0	44	18" SQUARE	HUDSON RIVER
12	NCM-074	VESTRY STREET (REG # M-3)	40	43	23	74	0	44	60" DIA	HUDSON RIVER
13	NCM-073	DUANE STREET (REG # M-4)	40	43	6	74	0	48	54" DIA	HUDSON RIVER
14	NCM-072	VESTRY STREET (REG # M-5)	40	42	52	74	1	3	48" DIA	HUDSON RIVER
15	NCM-832	150' N/O ALBANY STREET	40	42	40	74	1	5	18" DIA	HUDSON RIVER
16	NCM-105	ALBANY STREET	40	42	38	74	1	6	10" DIA	HUDSON RIVER
17	NCM-106	50' N/O RECTOR PARK	40	42	36	74	1	6	10" DIA	HUDSON RIVER
18	NCM-107	5' N/O RECTOR PLACE	40	42	35	74	1	6	10" DIA	HUDSON RIVER
19	NCM-363	RECTOR PLACE	40	42	35	74	1	7	10" DIA	HUDSON RIVER
20	NCM-071	RECTOR STREET (REG # M-6, M-7)	40	42	33	74	1	7	96" DIA	HUDSON RIVER
21	NCM-108	75' N/O W THAMES STREET	40	42	32	74	1	7	10" DIA	HUDSON RIVER
22	NCM-109	50' N/O W THAMES STREET	40	42	33	74	1	7	10" DIA	HUDSON RIVER
23	NCM-110	100' S/O W THAMES STREET	40	42	30	74	1	8	10" DIA	HUDSON RIVER
24	NCM-628	RECTOR PLACE	40	42	34	74	1	7	48" DIA	HUDSON RIVER
25	NCM-070	BATTERY PLACE (S/O PIER - A) (REG # M-9)	40	42	10	74	1	2	84" DIA	HUDSON RIVER
26	NCM-370	100' S/O STATEN ISLAND FERRY TERMINAL	40	42	0	74	0	43	12" DIA	EAST RIVER
27	NCM-111	75' N/O GOVERNORS ISLAND FERRY TERMINAL	40	42	5	74	0	40	12" DIA	EAST RIVER
28	NCM-069	BROAD STREET (REG # M-10)	40	42	5	74	0	40	4' X 5'	EAST RIVER
29	NCM-068	COENTIES SLIP (REG # M -11)	40	42	7	74	0	34	4' 6" X 3' 8"	EAST RIVER
30	NCM-112	10' N/O COENTIES SLIP	40	42	7	74	0	34	12" DIA	EAST RIVER
31	NCM-113	50' N/O COENTIES SLIP	40	42	7	74	0	33	10" DIA	EAST RIVER
32	NCM-114	150' N/O COENTIES SLIP	40	42	8	74	0	32	10" DIA	EAST RIVER
33	NCM-115	200' N/O COENTIES SLIP	40	42	8	74	0	31	10" DIA	EAST RIVER
34	NCM-116	250' S/O HANNOVER SQUARE	40	42	9	74	0	30	10" DIA	EAST RIVER
35	NCM-117	200' S/O HANNOVER SQUARE	40	42	9	74	0	30	10" DIA	EAST RIVER
36	NCM-118	150' S/O HANNOVER SQUARE	40	42	9	74	0	29	10" DIA	EAST RIVER
37	NCM-119	100' S/O HANNOVER SQUARE	40	42	10	74	0	28	10" DIA	EAST RIVER
38	NCM-120	50' S/O HANNOVER SQUARE	40	42	10	74	0	28	10" DIA	EAST RIVER
39	NCM-504	50' S/O OLD SLIP	40	42	11	74	0	27	6" SQUARE	EAST RIVER
40	NCM-051	OLD SLIP (REG # M -12)	40	42	11	74	0	27	2' 8" X 3' 4"	EAST RIVER
41	NCM-122	75' N/O GOUVERNEUR LANE	40	42	14	74	0	23	18" SQUARE	EAST RIVER
42	NCM-123	WALL STREET	40	42	15	74	0	21	24" DIA	EAST RIVER
43	NCM-067	MAIDEN LANE (REG # M -13A)	40	42	18	74	0	16	6' 4" X 6'	EAST RIVER
44	NCM-078	N/O DOVER STREET (REG # M -16)	40	42	28	73	59	58	12' X 6'	EAST RIVER
45	NCM-066	ROBERT F WAGNER PLACE (REG # M -17)	40	42	30	73	59	55	48" DIA	EAST RIVER
46	NCM-371	ROBERT F WAGNER PLACE	40	42	30	73	59	55	12" SQUARE	EAST RIVER
47	NCM-124	ROBERT F WAGNER PLACE	40	42	30	73	59	55	10" DIA	EAST RIVER
48	NCM-125	200' S/O CATHERINE STREET (REG # M-18)	40	42	31	73	59	50	12" SQUARE	EAST RIVER
49	NCM-126	125' S/O CATHERINE STREET (REG # M-18)	40	42	32	73	59	49	12" SQUARE	EAST RIVER
50	NCM-127	100' S/O CATHERINE STREET (REG # M-18)	40	42	32	73	59	48	12" SQUARE	EAST RIVER
51	NCM-065	S/O CATHERINE STREET (REG # M-18)	40	42	32	73	59	46	9' X 5'	EAST RIVER

NEWTOWN CREEK (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	NCM-128	10' S/O CATHERINE SLIP (REG # M -19)	40	42	32	73	59	46	12" SQUARE	EAST RIVER
53	NCM-050	S/O CATHERINE SLIP (REG # M -19)	40	42	32	73	59	46	4' X 4' 6"	EAST RIVER
54	NCM-129	150' N/O CATHERINE SLIP	40	42	33	73	59	43	12" SQUARE	EAST RIVER
55	NCM-130	250' N/O CATHERINE SLIP	40	42	33	73	59	41	12" SQUARE	EAST RIVER
56	NCM-131	100' S/O MARKET SLIP (REG # M -20)	40	42	33	73	59	40	18" SQUARE	EAST RIVER
57	NCM-132	20' S/O MARKET SLIP (REG # M -20)	40	42	33	73	59	39	12" SQUARE	EAST RIVER
58	NCM-064	MARKET SLIP (REG # M -20)	40	42	33	73	59	38	54" DIA	EAST RIVER
59	NCM-133	100' N/O MARKET SLIP	40	42	33	73	59	37	18" SQUARE	EAST RIVER
60	NCM-134	200' N/O MARKET SLIP	40	42	34	73	59	34	18" SQUARE	EAST RIVER
61	NCM-135	300' N/O MARKET SLIP	40	42	34	73	59	32	18" SQUARE	EAST RIVER
62	NCM-136	50' S/O PIKE STREET	40	42	34	73	59	31	18" SQUARE	EAST RIVER
63	NCM-505	PIKE STREET	40	42	34	73	59	31	6" DIA	EAST RIVER
64	NCM-138	200' N/O PIKE STREET	40	42	35	73	59	26	10" DIA	EAST RIVER
65	NCM-139	100' S/O RUTGERS STREET	40	42	35	73	59	25	18" SQUARE	EAST RIVER
66	NCM-140	RUTGERS STREET	40	42	35	73	59	23	12" SQUARE	EAST RIVER
67	NCM-063	JEFFERSON STREET (NORTH SIDE) (REG # M-21)	40	42	36	73	59	19	9' X 5'	EAST RIVER
68	NCM-062	GOVERNEUR SLIP E (REG # M-22)	40	42	35	73	58	60	48" DIA	EAST RIVER
69	NCM-506	50' N/O PIER 44	40	42	37	73	58	52	6" DIA	EAST RIVER
70	NCM-146	100' S/O JACKSON STREET (REG # M-23)	40	42	37	73	58	52	18" SQUARE	EAST RIVER
71	NCM-507	30' S/O JACKSON STREET (REG # M-23)	40	42	37	73	58	50	8" DIA	EAST RIVER
72	NCM-061	JACKSON STREET (REG # M-23)	40	42	37	73	58	50	3' X 4'	EAST RIVER
73	NCM-060	S/O CORLEARS HOOK PARK (REG # M-25)	40	42	38	73	58	43	4' X 5'	EAST RIVER
74	NCM-148	100' N/O CORLEARS HOOK PARK (REG # M-25)	40	42	38	73	58	41	18" DIA	EAST RIVER
75	NCM-149	300' N/O CORLEARS HOOK PARK (REG # M-25)	40	42	39	73	58	39	18" DIA	EAST RIVER
76	NCM-150	450' N/O CORLEARS HOOK PARK (REG # M-25) (BLUKHEADED)	40	42	40	73	58	37	18" DIA	EAST RIVER
77	NCM-151	600' N/O CORLEARS HOOK PARK (REG # M-25)	40	42	42	73	58	36	18" DIA	EAST RIVER
78	NCM-152	800' N/O CORLEARS HOOK PARK (REG # M-25)	40	42	43	73	58	35	18" DIA	EAST RIVER
79	NCM-153	1000' N/O CORLEARS HOOK PARK (REG # M-25)	40	42	45	73	58	34	18" DIA	EAST RIVER
80	NCM-059	50' S/O GRAND STREET (REG # M-26)	40	42	46	73	58	34	3' X 6'	EAST RIVER
81	NCM-154	GRAND STREET (NORTH SIDE) (FIRE DOCK)	40	42	46	73	58	33	24' DIA	EAST RIVER
82	NCM-042	BROOME STREET (REG # M-27)	40	42	49	73	58	32	4' X 4'	EAST RIVER
83	NCM-028	DELANCY STREET (REG # M-28)	40	42	52	73	58	31	4' X 4'	EAST RIVER
84	NCM-058	IRVINGTON STREET (REG # M-29)	40	42	58	73	58	28	5' X 5'	EAST RIVER
85	NCM-057	STANTON STREET (REG # M-30)	40	43	3	73	58	26	5' X 5' 6"	EAST RIVER
86	NCM-020	E HOUSTON STREET (REG # M-31)	40	43	7	73	58	25	6' X 4' 6"	EAST RIVER
87	NCM-056	E 3RD STREET (REG # M-32)	40	43	9	73	58	24	6' 6" X 6'	EAST RIVER
88	NCM-055	E 6TH STREET (REG # M-33)	40	43	16	73	58	22	4' X 5' 6"	EAST RIVER
89	NCM-054	E 8TH STREET (REG # M-34)	40	43	21	73	58	21	6' 6" X 5'	EAST RIVER
90	NCM-053	E 11TH STREET (REG # M-35)	40	43	29	73	58	19	8' 9" X 5'	EAST RIVER
91	NCM-508	E 13TH STREET	40	43	34	73	58	18	6" DIA	EAST RIVER
92	NCM-052	E 14TH STREET (REG # M-36)	40	43	36	73	58	18	DBL 7' X 6'	EAST RIVER
93	NCM-0005126-001	100' S/O E 15TH STREET (CON ED)	40	43	39	73	58	18	10' X 7'	EAST RIVER
94	NCM-157	E 15TH STREET (CON ED - NORTH)	40	43	40	73	58	18	5' X 6'	EAST RIVER
95	NCM-158	E 16TH STREET	40	43	43	73	58	17	4' X 5'	EAST RIVER
96	NCM-159	E 17TH STREET	40	43	50	73	58	22	12" DIA	EAST RIVER
97	NCM-160	200' N/O E 17TH STREET	40	43	52	73	58	24	12" DIA	EAST RIVER
98	NCM-049	E 18TH STREET (REG # M-37)	40	43	54	73	58	25	8' X 6'	EAST RIVER
99	NCM-161	110' N/O E 18TH STREET (REG # M-37)	40	43	55	73	58	25	18" SQUARE	EAST RIVER
100	NCM-162	130' N/O E 18TH STREET (REG # M-37)	40	43	55	73	58	25	36" SQUARE	EAST RIVER
101	NCM-163	100' N/O E 19TH STREET	40	43	57	73	58	25	24" SQUARE	EAST RIVER
102	NCM-366	E 20TH STREET	40	43	58	73	58	26	18" SQUARE	EAST RIVER

NEWTOWN CREEK (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	NCM-367	E 20TH STREET	40	43	58	73	58	26	18" SQUARE	EAST RIVER
104	NCM-048	E 21ST STREET (REG # M-38)	40	44	1	73	58	26	4' X 5'	EAST RIVER
105	NCM-087	E 22ND STREET (REG # M-38A)	40	44	3	73	58	27	5' X 3' 6"	EAST RIVER
106	NCM-047	E 23RD STREET (REG # M-38B)	40	44	6	73	58	26	4' X 5'	EAST RIVER
107	NCM-166	E 24TH STREET	40	44	10	73	58	28	15" DIA	EAST RIVER
108	NCM-046	E 24TH STREET (REG # M-39)	40	44	11	73	58	28	4' X 6'	EAST RIVER
109	NCM-045	E 26TH STREET (REG # M-40)	40	44	15	73	58	21	DBL 6' X 6' 6"	EAST RIVER
110	NCM-044	E 29TH STREET (REG # M-41A)	40	44	23	73	58	21	4' X 5' 6"	EAST RIVER
111	NCM-043	E 30TH STREET (REG # M-41)	40	44	25	73	58	20	2' 4" X 4'	EAST RIVER
112	NCM-041	E 33RD STREET (REG # M-42)	40	44	32	73	58	19	DBL 8' X 6'	EAST RIVER
113	NCM-167	75' S/O E 34TH STREET	40	44	35	73	58	18	10" DIA	EAST RIVER
114	NCM-833	20' N/O E 34TH STREET	40	44	35	73	58	18	2' 8" X 3' 2" EGG	EAST RIVER
115	NCM-834	75' S/O E 35TH STREET	40	44	37	73	58	17	2' 4" X 3' 6" EGG	EAST RIVER
116	NCM-855	E 35TH STREET	40	44	37	73	58	16	4' X 2' 4"	EAST RIVER
117	NCM-170	150' N/O E 35TH STREET	40	44	39	73	58	16	10" DIA	EAST RIVER
118	NCM-040	E 36TH STREET (REG # M-43)	40	44	40	73	58	15	2' 8" X 5' 6" EGG	EAST RIVER
119	NCM-171	150' S/O E 37TH STREET	40	44	41	73	58	14	10" DIA	EAST RIVER
120	NCM-039	E 37TH STREET (REG # M-43A)	40	44	42	73	58	13	2' 8" X 5' 6" EGG	EAST RIVER
121	NCM-172	150' N/O E 37TH STREET	40	44	43	73	58	13	10" DIA	EAST RIVER
122	NCM-038	E 38TH STREET (REG # M-43B)	40	44	44	73	58	11	60" DIA	EAST RIVER
123	NCM-368	E 39TH STREET	40	44	46	73	58	9	12" DIA	EAST RIVER
124	NCM-037	E 41ST STREET (REG # M-44)	40	44	50	73	58	6	9' X 7'	EAST RIVER
125	NCM-173	E 41ST STREET	40	44	50	73	58	6	10" DIA	EAST RIVER
126	NCM-018	E 41ST STREET (REG # M-45)	40	44	51	73	58	6	2' 8" X 4'	EAST RIVER
127	NCM-801	200' N/O E 41ST STREET	40	44	52	73	58	5	10" DIA EL	EAST RIVER
128	NCM-174	E 42ND STREET	40	44	53	73	58	5	10" DIA	EAST RIVER
129	NCM-017	E 42ND STREET (REG # M-45A)	40	44	53	73	58	4	2' 8" X 4' EGG	EAST RIVER
130	NCM-802	50' N/O E 42ST STREET	40	44	53	73	58	4	10" DIA PVC	EAST RIVER
131	NCM-175	55' N/O E 42ST STREET	40	44	53	73	58	4	10" DIA	EAST RIVER
132	NCM-176	100' N/O E 42ST STREET	40	44	54	73	58	3	10" DIA	EAST RIVER
133	NCM-822	110' N/O E 42ST STREET	40	44	54	73	58	3	10" DIA PVC	EAST RIVER
134	NCM-803	250' N/O E 42ST STREET	40	44	55	73	58	2	10" DIA PVC	EAST RIVER
135	NCM-177	E 43RD STREET	40	44	56	73	58	2	2' 8" X 4' EGG	EAST RIVER
136	NCM-178	20' N/O E 43RD STREET	40	44	56	73	58	2	10" DIA	EAST RIVER
137	NCM-823	150' N/O E 43RD STREET	40	44	57	73	58	1	10" DIA PVC	EAST RIVER
138	NCM-804	250' N/O E 43RD STREET	40	44	57	73	58	1	10" DIA PVC	EAST RIVER
139	NCM-805	350' N/O E 43RD STREET	40	44	58	73	58	0	10" DIA PVC	EAST RIVER
140	NCM-806	360' N/O E 43RD STREET	40	44	58	73	57	60	10" DIA	EAST RIVER
141	NCM-807	500' N/O E 43RD STREET	40	44	59	73	57	59	10" DIA PVC	EAST RIVER
142	NCM-808	700' N/O E 43RD STREET	40	45	1	73	57	58	10" DIA PVC	EAST RIVER
143	NCM-809	750' N/O E 43RD STREET	40	45	1	73	57	58	10" DIA	EAST RIVER
144	NCM-824	800' N/O E 43RD STREET	40	45	2	73	57	57	10" DIA PVC	EAST RIVER
145	NCM-016	E 46TH STREET (REG # M-46)	40	45	2	73	57	57	72" DIA	EAST RIVER
146	NCM-179	100' N/O E 46TH STREET	40	45	2	73	57	57	10" DIA	EAST RIVER
147	NCM-509	150' N/O E 46TH STREET	40	45	2	73	57	56	6" DIA	EAST RIVER
148	NCM-835	200' N/O E 46TH STREET	40	45	3	73	57	56	2' 8" X 4' EGG	EAST RIVER
149	NCM-181	300' N/O E 46TH STREET	40	45	3	73	57	56	10" DIA	EAST RIVER
150	NCM-182	500' N/O E 46TH STREET	40	45	4	73	57	55	10" DIA	EAST RIVER
151	NCM-825	E 47TH STREET	40	45	4	73	57	55	10" DIA PVC	EAST RIVER
152	NCM-011	E 48TH STREET (REG # M-47A)	40	45	6	73	57	53	2' 8" X 4' EGG	EAST RIVER
153	NCM-826	100' N/O E 48TH STREET	40	45	7	73	57	53	10" DIA	EAST RIVER

NEWTOWN CREEK (M)

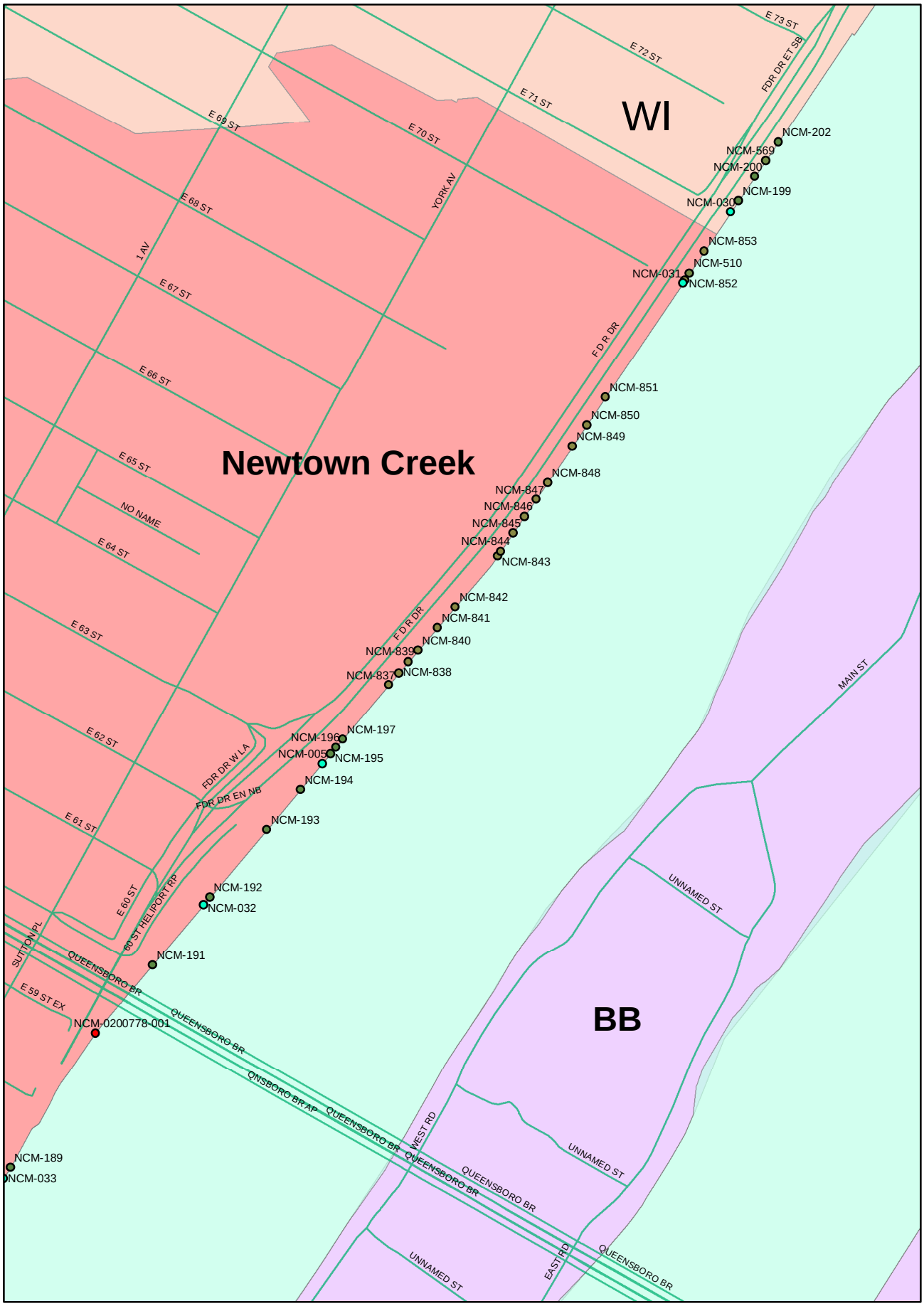
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	NCM-827	200' N/O E 48TH STREET	40	45	7	73	57	52	10" DIA	EAST RIVER
155	NCM-183	300' N/O E 48TH STREET	40	45	8	73	57	52	10" DIA	EAST RIVER
156	NCM-828	400' N/O E 48TH STREET	40	45	8	73	57	51	10" DIA PVC	EAST RIVER
157	NCM-036	E 49TH STREET (REG # M-47)	40	45	8	73	57	51	8' 6" X 7' 6"	EAST RIVER
158	NCM-829	100' N/O E 49TH STREET	40	45	9	73	57	50	10" DIA PVC	EAST RIVER
159	NCM-184	150' N/O E 49TH STREET	40	45	9	73	57	50	10" DIA	EAST RIVER
160	NCM-830	200' N/O E 49TH STREET	40	45	10	73	57	50	10" DIA PVC	EAST RIVER
161	NCM-810	E 50TH STREET	40	45	10	73	57	49	10" DIA	EAST RIVER
162	NCM-185	E 50TH STREET	40	45	10	73	57	49	10" DIA EL	EAST RIVER
163	NCM-186	E 51TH STREET	40	45	13	73	57	47	10" DIA	EAST RIVER
164	NCM-836	E 52ND STREET	40	45	15	73	57	45	2' 4" X 4'	EAST RIVER
165	NCM-187	N/O E 52ND STREET	40	45	15	73	57	45	10" DIA	EAST RIVER
166	NCM-035	E 53RD STREET (REG # M-48A)	40	45	17	73	57	44	2' 4" X 4'	EAST RIVER
167	NCM-188	N/O E 53RD STREET	40	45	17	73	57	43	10" DIA	EAST RIVER
168	NCM-034	E 54TH STREET (REG # M-48)	40	45	19	73	57	42	4' X 5'	EAST RIVER
169	NCM-811	N/O E 54TH STREET	40	45	19	73	57	42	6" DIA	EAST RIVER
170	NCM-812	50' N/O E 54TH STREET	40	45	19	73	57	41	6" DIA	EAST RIVER
171	NCM-813	150' N/O E 54TH STREET	40	45	19	73	57	41	6" DIA	EAST RIVER
172	NCM-856	300' N/O E 54TH STREET	40	45	20	73	57	41	6" DIA	EAST RIVER
173	NCM-814	350' N/O E 54TH STREET	40	45	20	73	57	40	6" DIA	EAST RIVER
174	NCM-815	450' N/O E 54TH STREET	40	45	20	73	57	40	6" DIA	EAST RIVER
175	NCM-816	550' N/O E 54TH STREET	40	45	20	73	57	40	6" DIA	EAST RIVER
176	NCM-817	S/O E 55TH STREET	40	45	20	73	57	39	6" DIA	EAST RIVER
177	NCM-365	S/O E 55TH STREET	40	45	20	73	57	39	10" DIA	EAST RIVER
178	NCM-818	E 55TH STREET	40	45	21	73	57	39	6" DIA	EAST RIVER
179	NCM-033	E 57TH STREET (REG # M-49)	40	45	25	73	57	35	2' 4" X 4' EGG	EAST RIVER
180	NCM-189	N/O E 57TH STREET	40	45	26	73	57	35	10" DIA	EAST RIVER
181	NCM-0200778-001	E 59TH STREET	40	45	30	73	57	32	12" DIA	EAST RIVER
182	NCM-191	E 60TH STREET	40	45	32	73	57	29	12" DIA	EAST RIVER
183	NCM-032	E 61ST STREET (REG # M-50)	40	45	34	73	57	27	DBL 6' 6" X 5'	EAST RIVER
184	NCM-192	N/O E 61TH STREET	40	45	34	73	57	27	12" DIA	EAST RIVER
185	NCM-193	E 62TH STREET	40	45	36	73	57	25	12" DIA	EAST RIVER
186	NCM-194	150' S/O E 63RD STREET	40	45	37	73	57	24	10" DIA	EAST RIVER
187	NCM-005	E 63RD STREET (REG # M-51)	40	45	38	73	57	23	24" DIA	EAST RIVER
188	NCM-195	50' N/O E 63RD STREET	40	45	38	73	57	22	18" DIA	EAST RIVER
189	NCM-196	75' N/O E 63RD STREET	40	45	38	73	57	22	18" SQUARE	EAST RIVER
190	NCM-197	125' N/O E 63RD STREET	40	45	39	73	57	22	18" SQUARE	EAST RIVER
191	NCM-837	E 64TH STREET	40	45	40	73	57	20	18" SQUARE	EAST RIVER
192	NCM-838	50' N/O E 64TH STREET	40	45	41	73	57	20	12" DIA	EAST RIVER
193	NCM-839	100' N/O E 64TH STREET	40	45	41	73	57	19	10" DIA	EAST RIVER
194	NCM-840	150' N/O E 64TH STREET	40	45	41	73	57	19	12" DIA	EAST RIVER
195	NCM-841	E 65TH STREET	40	45	42	73	57	18	18" SQUARE	EAST RIVER
196	NCM-842	100' N/O E 65TH STREET	40	45	43	73	57	17	18" SQUARE	EAST RIVER
197	NCM-843	350' N/O E 65TH STREET	40	45	44	73	57	16	18" SQUARE	EAST RIVER
198	NCM-844	E 66TH STREET	40	45	44	73	57	16	12" DIA	EAST RIVER
199	NCM-845	100' N/O E 66TH STREET	40	45	45	73	57	15	18" SQUARE	EAST RIVER
200	NCM-846	200' N/O E 66TH STREET	40	45	45	73	57	15	18" SQUARE	EAST RIVER
201	NCM-847	300' N/O E 66TH STREET	40	45	46	73	57	14	18" SQUARE	EAST RIVER
202	NCM-848	E 67TH STREET	40	45	46	73	57	14	18" SQUARE	EAST RIVER
203	NCM-849	250' N/O E 67TH STREET	40	45	47	73	57	13	18" SQUARE	EAST RIVER
204	NCM-850	400' N/O E 67TH STREET	40	45	48	73	57	12	18" SQUARE	EAST RIVER

NEWTOWN CREEK (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	NCM-851	75' N/O E 68TH STREET	40	45	49	73	57	11	12" DIA	EAST RIVER
206	NCM-031	E 70TH STREET (REG # M-51B)	40	45	52	73	57	8	2' X 3' EGG	EAST RIVER
207	NCM-852	10' N/O E 70TH STREET	40	45	52	73	57	8	18" SQUARE	EAST RIVER
208	NCM-510	40' N/O E 70TH STREET	40	45	53	73	57	8	6" DIA	EAST RIVER
209	NCM-853	200' N/O E 70TH STREET	40	45	53	73	57	7	18" SQUARE	EAST RIVER
210	NCM-030	E 71ST STREET (REG # M-51C)	40	45	55	73	57	6	2' X 3' EGG	EAST RIVER
211	NCM-199	100' N/O E 71ST STREET	40	45	55	73	57	6	18" SQUARE	EAST RIVER
212	NCM-200	300' N/O E 71ST STREET	40	45	56	73	57	5	18" SQUARE	EAST RIVER
213	NCM-569	450' N/O E 71ST STREET	40	45	56	73	57	5	8" DIA	EAST RIVER
214	NCM-202	600' N/O E 71ST STREET	40	45	57	73	57	5	18" SQUARE	EAST RIVER
215	NCM-634	FIRST PLACE	40	42	24	74	1	9	54"DIA	HUDSON RIVER

NEWTOWN CREEK (Q)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	NCQ-526	30' N/O METROPOLITAN AVENUE	40	42	51	73	55	25	24" DIA	NEWTOWN CREEK (E)
2	NCQ-527	225' SW/O GRAND STREET BRIDGE	40	42	57	73	55	23	24" DIA	NEWTOWN CREEK (E)
3	NCQ-832	200' S/O GRAND STREET BRIDGE	40	42	57	73	55	21	18" DIA	NEWTOWN CREEK (E)
4	NCQ-442	210' SE/O GRAND STREET BRIDGE	40	42	58	73	55	21	8" DIA	NEWTOWN CREEK (E)
5	NCQ-341	220' SE/O GRAND STREET BRIDGE	40	42	58	73	55	20	12" DIA	NEWTOWN CREEK (E)
6	NCQ-443	250' S/O OPPPOSITE 47TH ST	40	42	57	73	55	17	16" DIA	NEWTOWN CREEK (E)
7	NCQ-343	460' SE/O OPPPOSITE 47TH ST	40	42	57	73	55	14	30" DIA	NEWTOWN CREEK (E)
8	NCQ-511	440' SE/O OPPPOSITE 47TH ST	40	42	57	73	55	14	2' 6" X 2' 0"	NEWTOWN CREEK (E)
9	NCQ-444	420' SE/O OPPPOSITE 47TH ST	40	42	57	73	55	14	8" DIA	NEWTOWN CREEK (E)
10	NCQ-342	415' SE/O OPPPOSITE 47TH ST	40	42	57	73	55	14	24" DIA	NEWTOWN CREEK (E)
11	NCQ-445	S/O GRAND AVENUE BRIDGE	40	42	59	73	55	20	10" X 10"	NEWTOWN CREEK (E)
12	NCQ-345	S/O GRAND AVENUE BRIDGE	40	42	59	73	55	20	36" DIA	NEWTOWN CREEK (E)
13	NCQ-632	GRAND AVENUE	40	42	60	73	55	20	54" DIA	NEWTOWN CREEK (E)
14	NCQ-346	GRAND AVENUE BRIDGE	40	42	60	73	55	20	48" DIA	NEWTOWN CREEK (E)
15	NCQ-633	300' N/O GRAND AVENUE BRIDGE	40	43	2	73	55	22	60" DIA	NEWTOWN CREEK (E)
16	NCQ-077	49TH STREET (REG # Q-1)	40	43	25	73	55	13	DBL 11' X 7'	MASPETH CREEK (E)
17	NCQ-361	10' INSIDE 49TH STREET (REG # Q-1) OUTFALL	40	43	25	73	55	13	26" DIA	MASPETH CREEK (E)
18	NCQ-446	10' W/O 48TH STREET	40	43	27	73	55	18	4" DIA	MASPETH CREEK (E)
19	NCQ-447	40' W/O 48TH STREET	40	43	27	73	55	19	4" DIA	MASPETH CREEK (E)
20	NCQ-448	125' W/O 48TH STREET	40	43	27	73	55	21	8" DIA	MASPETH CREEK (E)
21	NCQ-449	180' W/O 48TH STREET	40	43	27	73	55	22	3" DIA	MASPETH CREEK (E)
22	NCQ-835	50' W/O 46TH ROAD	40	43	29	73	55	30	12" DIA	MASPETH CREEK (N)
23	NCQ-350	N/O MASPETH CREEK	40	43	30	73	55	33	8" DIA	NEWTOWN CREEK (E)
24	NCQ-351	N/O 46TH STREET	40	43	31	73	55	33	18" DIA	NEWTOWN CREEK (E)
25	NCQ-029	43RD STREET (REG # Q-2)	40	43	36	73	55	39	66" DIA	NEWTOWN CREEK (E)
26	NCQ-572	E/O KOSCIUSZKO BRIDGE	40	43	39	73	55	42	48" DIA	NEWTOWN CREEK (N)
27	NCQ-637	LAUREL HILL BLVD & REVIEW AVE	40	43	43	73	55	53	72" DIA	NEWTOWN CREEK (E)
28	NCQ-450	200' W/O LAUREL HILL BLVD & REVIEW AVE	40	43	44	73	55	55	16" X 16"	NEWTOWN CREEK (E)
29	NCQ-512	750' W/O KOSCIUSKO BRIDGE	40	43	44	73	55	57	4" DIA	NEWTOWN CREEK (N)
30	NCQ-528	775' W/O KOSCIUSKO BRIDGE	40	43	44	73	55	57	4" DIA	NEWTOWN CREEK (N)
31	NCQ-570	800' W/O KOSCIUSKO BRIDGE	40	43	44	73	55	58	4" DIA	NEWTOWN CREEK (N)
32	NCQ-453	850' W/O KOSCIUSKO BRIDGE	40	43	44	73	55	59	4" DIA	NEWTOWN CREEK (N)
33	NCQ-571	950' W/O KOSCIUSKO BRIDGE	40	43	44	73	56	0	4" DIA	NEWTOWN CREEK (N)


WI
Newtown Creek
BB
E 73 ST
E 72 ST
E 71 ST
E 70 ST
E 69 ST
E 68 ST
E 67 ST
E 66 ST
E 65 ST
E 64 ST
E 63 ST
E 62 ST
E 61 ST
E 60 ST
E 59 ST EX
1 AV
YORK AV
NO NAME
FDR DR E T SB
F D R DR
FDR DR W LA
FDR DR EN NB
60 ST HELIPORT RP
SUTTON PL
QUEENSBORO BR
QNSBORO BR AP
WEST RD
EAST RD
UNNAMED ST
MAIN ST
NCM-202
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NCM-200
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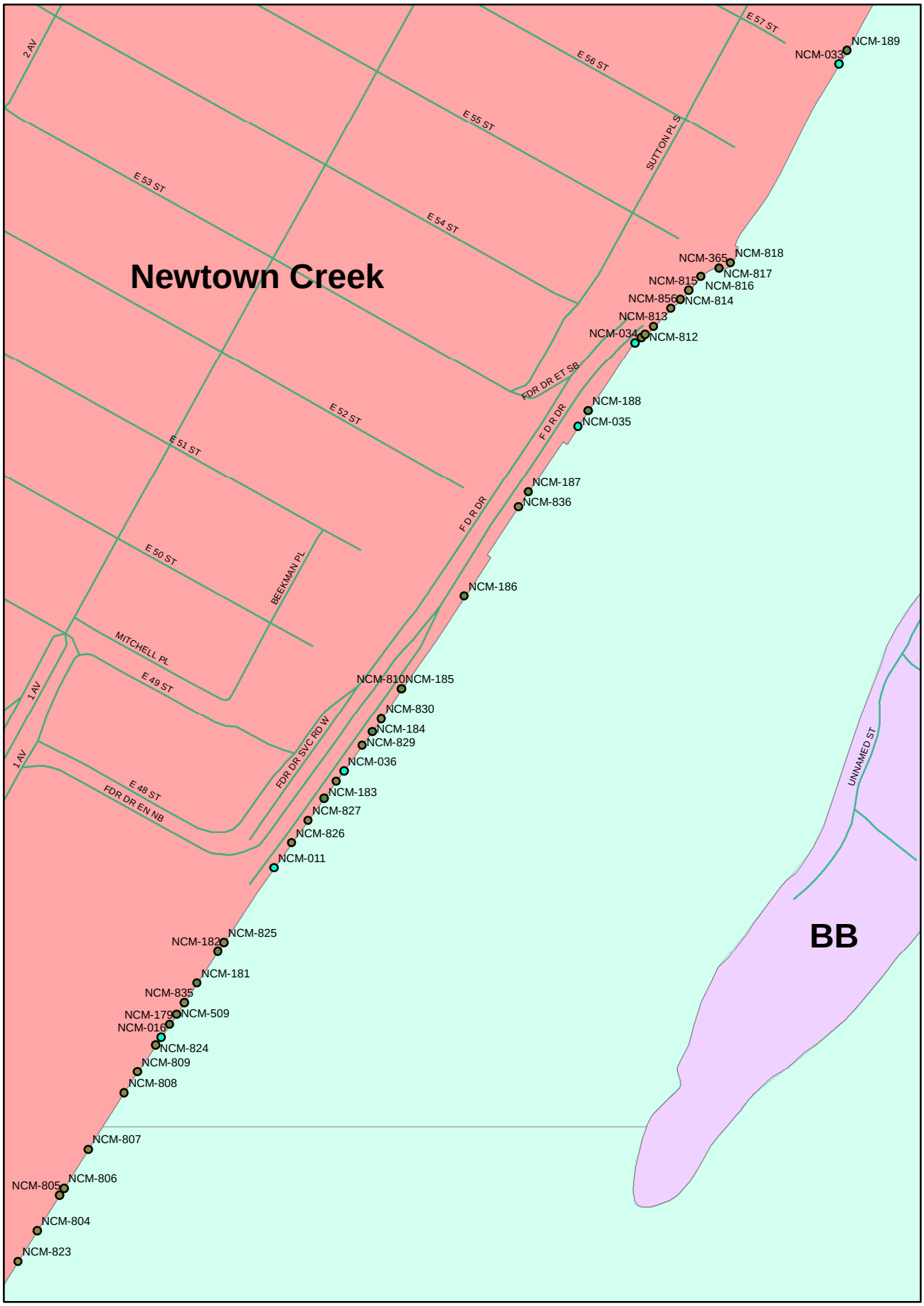
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E 49 ST
E 48 ST
SUTTON PL S
BEEKMAN PL
MITCHELL PL
FDR DR ET SB
F D R DR
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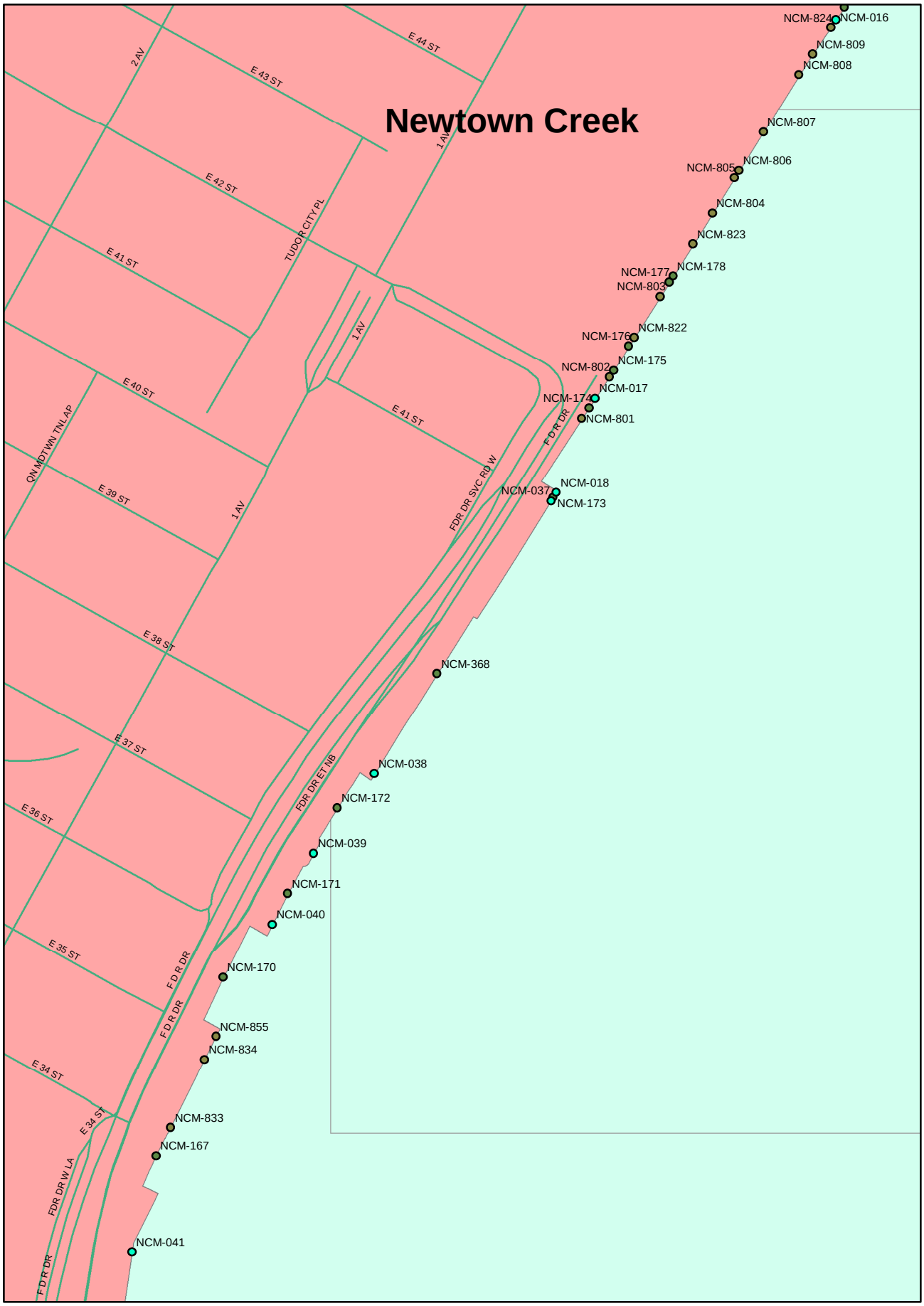
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E 43 ST
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E 40 ST
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E 37 ST
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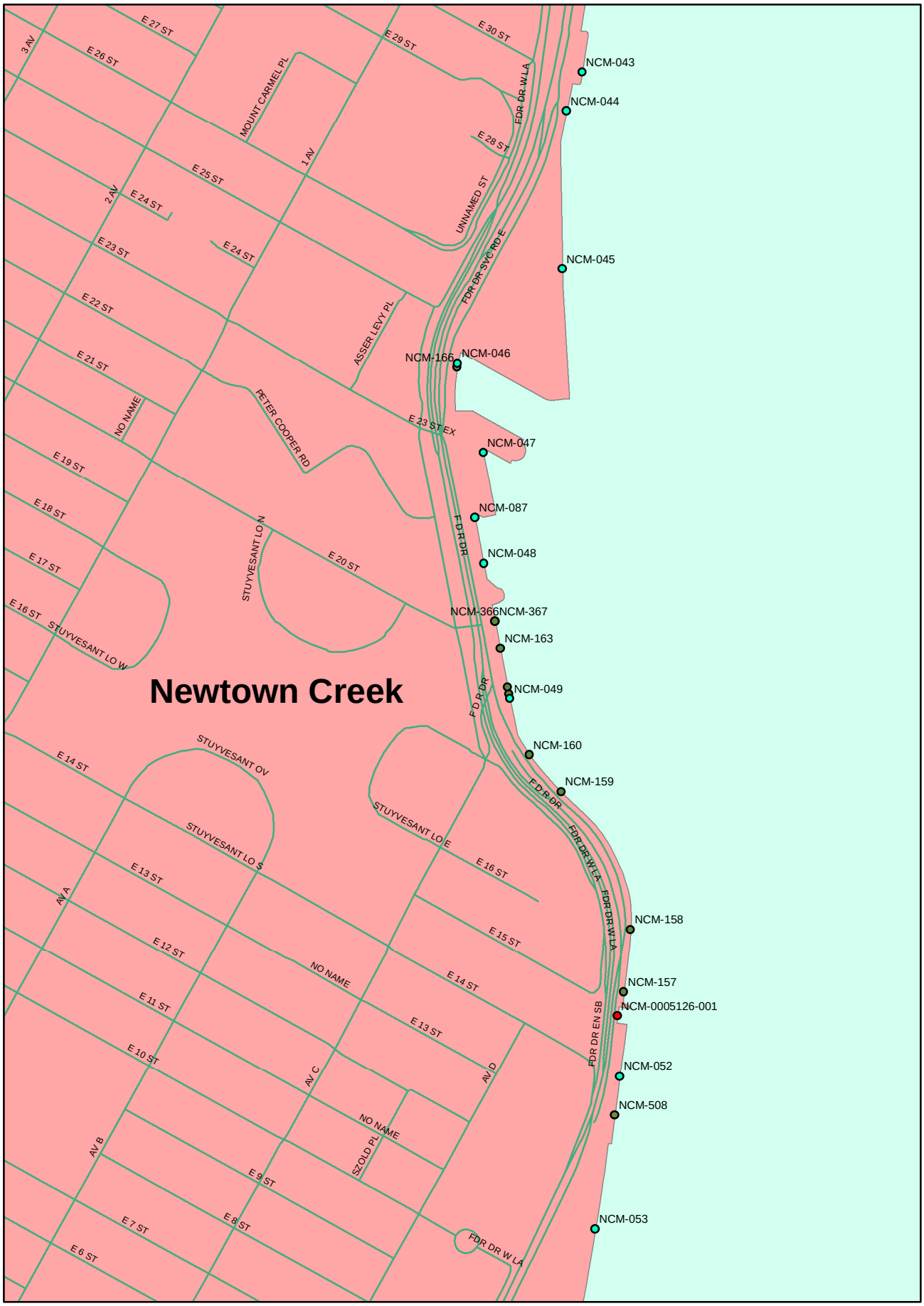
F D R DR
FDR DR W LA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3 AV
MOUNT CARMEL PL
1 AV
E 28 ST
E 25 ST
2 AV
E 24 ST
UNNAMED ST
E 23 ST
E 22 ST
ASSER LEVY PL
E 21 ST
NO NAME
PETER COOPER RD
E 23 ST EX
E 19 ST
E 18 ST
E 17 ST
E 20 ST
STUYVESANT LO N
E 16 ST
STUYVESANT LO W
STUYVESANT OV
E 14 ST
STUYVESANT LO S
STUYVESANT LO E
E 13 ST
AV A
E 12 ST
E 11 ST
E 10 ST
AV C
AV D
AV B
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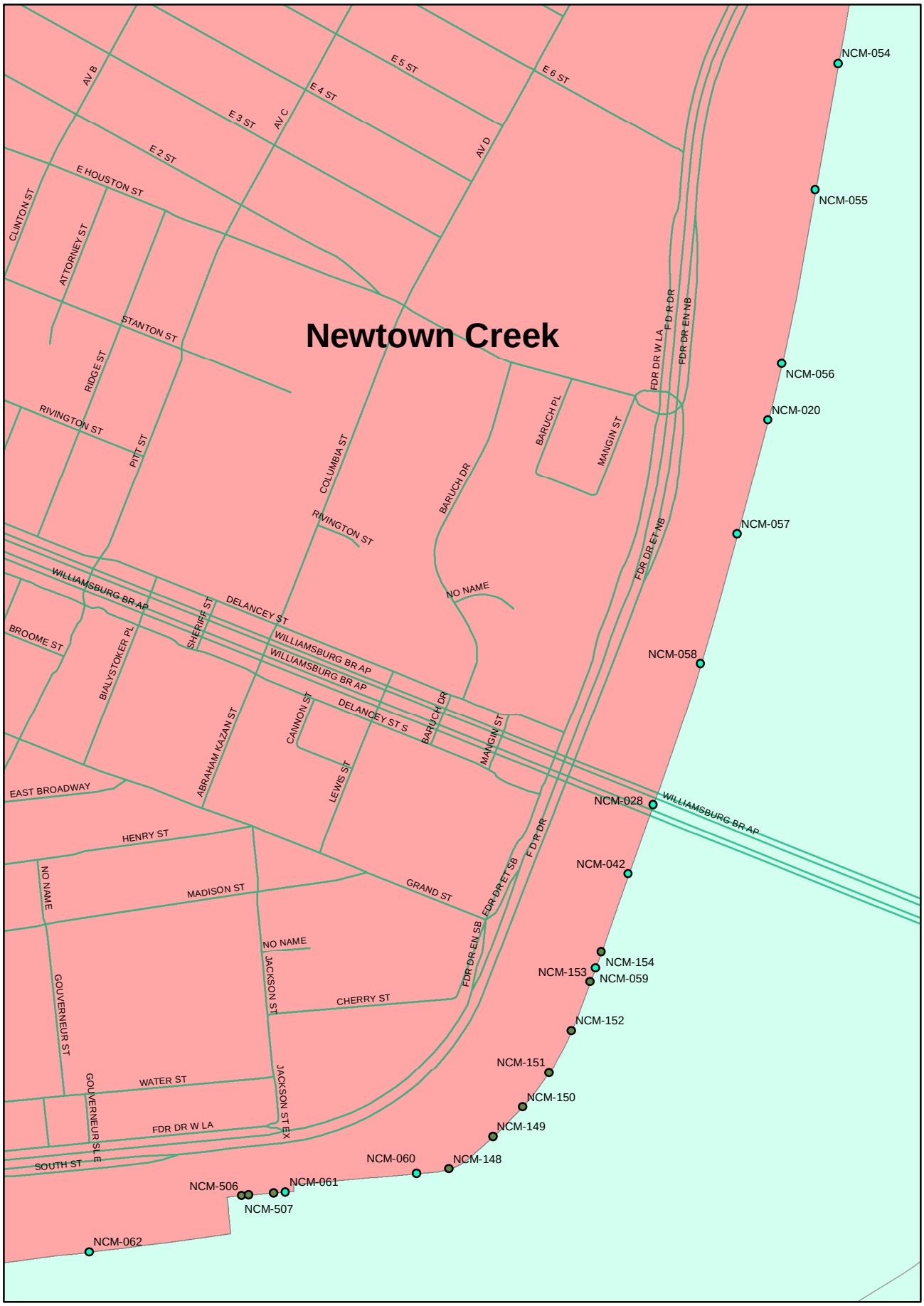
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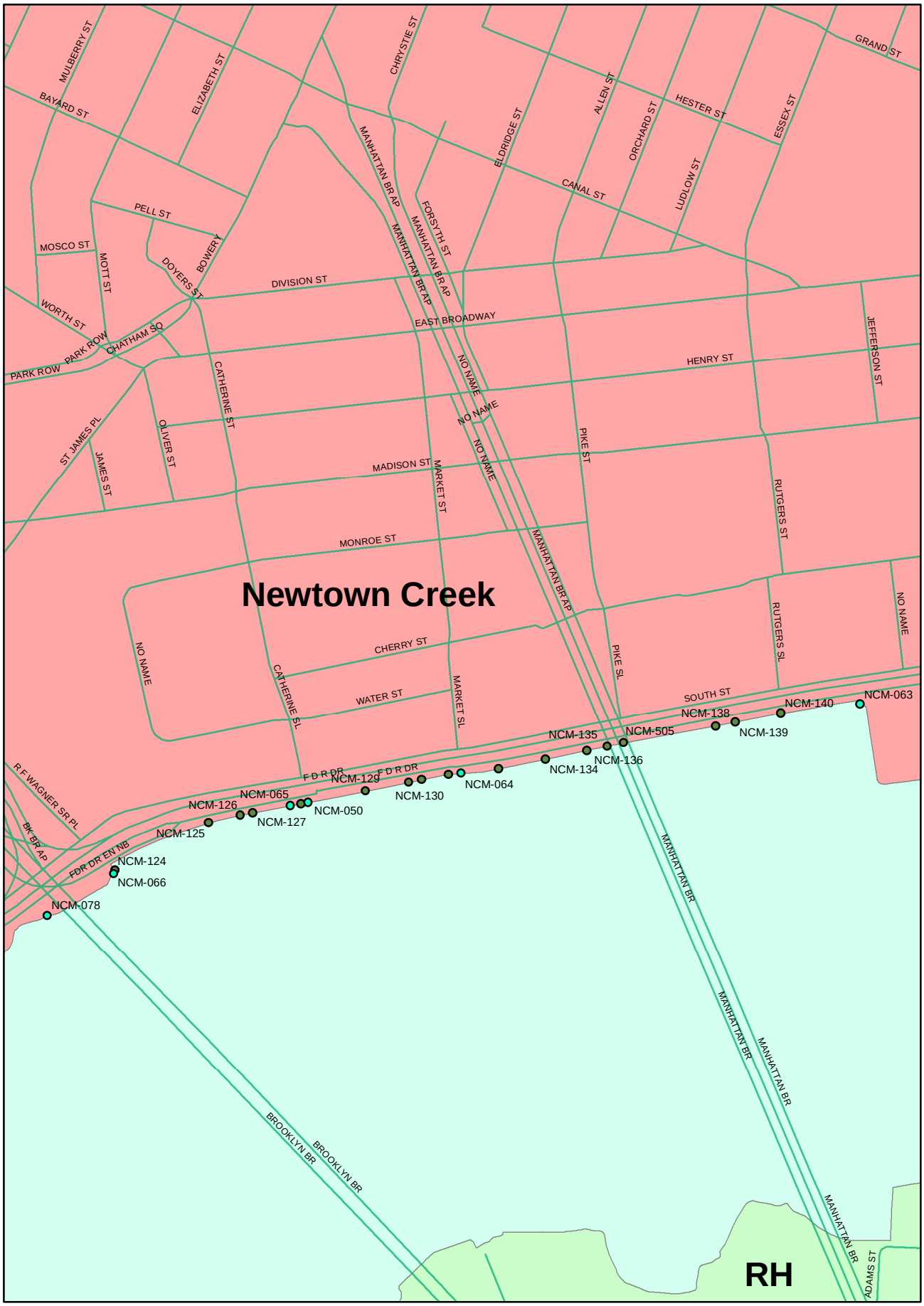
E 5 ST
E 6 ST
E 4 ST
E 3 ST
E 2 ST
E HOUSTON ST
AV B
AV C
AV D
CLINTON ST
ATTORNEY ST
STANTON ST
RIDGE ST
RIVINGTON ST
PITT ST
COLUMBIA ST
RIVINGTON ST
BARUCH DR
BARUCH PL
MANGIN ST
FDR DR W LA
FDR DR
FDR DR EN NB
FDR DR ET NB
NO NAME
WILLIAMSBURG BR AP
DELANCEY ST
SHERIFF ST
BROOME ST
BIALYSTOKER PL
ABRAHAM KAZAN ST
CANNON ST
LEWIS ST
DELANCEY ST S
EAST BROADWAY
HENRY ST
MADISON ST
GRAND ST
FDR DR ET SB
FDR DR EN SB
JACKSON ST
CHERRY ST
GOUVERNEUR ST
GOUVERNEUR SL E
WATER ST
JACKSON ST EX
FDR DR W LA
SOUTH ST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RH
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CHRYSTIE ST
GRAND ST
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ALLEN ST
ORCHARD ST
HESTER ST
ESSEX ST
CANAL ST
LUDLOW ST
PELL ST
MOSCO ST
MOTT ST
BOWERY
DOYERS ST
DIVISION ST
WORTH ST
CHATHAM SQ
PARK ROW
EAST BROADWAY
HENRY ST
JEFFERSON ST
CATHERINE ST
ST JAMES PL
JAMES ST
OLIVER ST
MADISON ST
MARKET ST
PIKE ST
RUTGERS ST
MONROE ST
MANHATTAN BR AP
FORSYTH ST
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CHERRY ST
WATER ST
CATHERINE SL
MARKET SL
PIKE SL
RUTGERS SL
SOUTH ST
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F D R DR
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NCM-125
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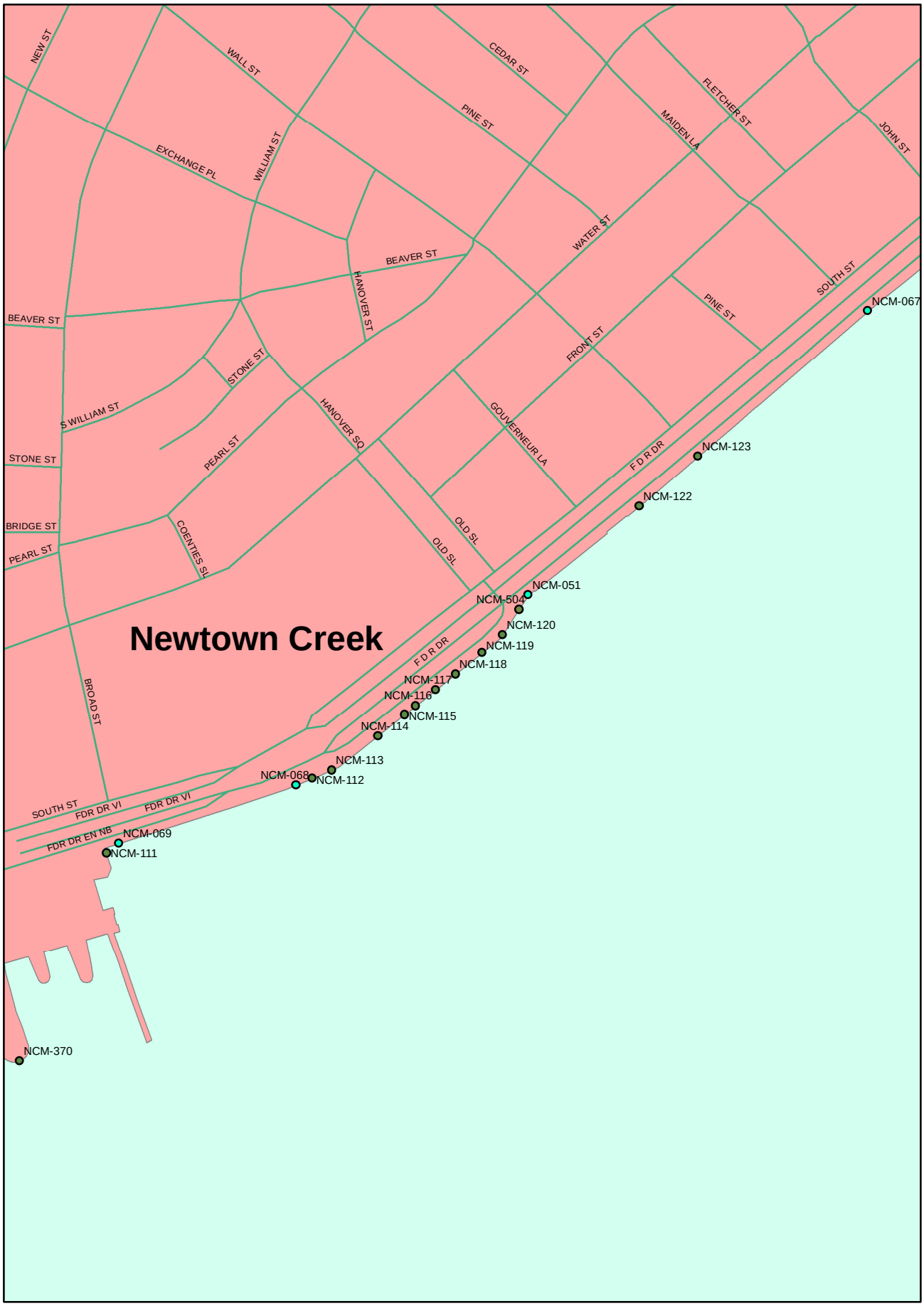
BK BR AP
FDR DR EN NB
MANHATTAN BR
BROOKLYN BR
ADAMS ST


Newtown Creek
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WALL ST
CEDAR ST
FLETCHER ST
JOHN ST
PINE ST
MAIDEN LA
EXCHANGE PL
WILLIAM ST
WATER ST
BEAVER ST
HANOVER ST
SOUTH ST
PINE ST
NCM-067
BEAVER ST
FRONT ST
STONE ST
S WILLIAM ST
HANOVER SQ
GOUVERNEUR LA
PEARL ST
F D R DR
NCM-123
STONE ST
NCM-122
BRIDGE ST
COENTIES SL
OLD SL
OLD SL
PEARL ST
NCM-051
NCM-504
NCM-120
NCM-119
F D R DR
NCM-118
NCM-117
NCM-116
NCM-115
NCM-114
BROAD ST
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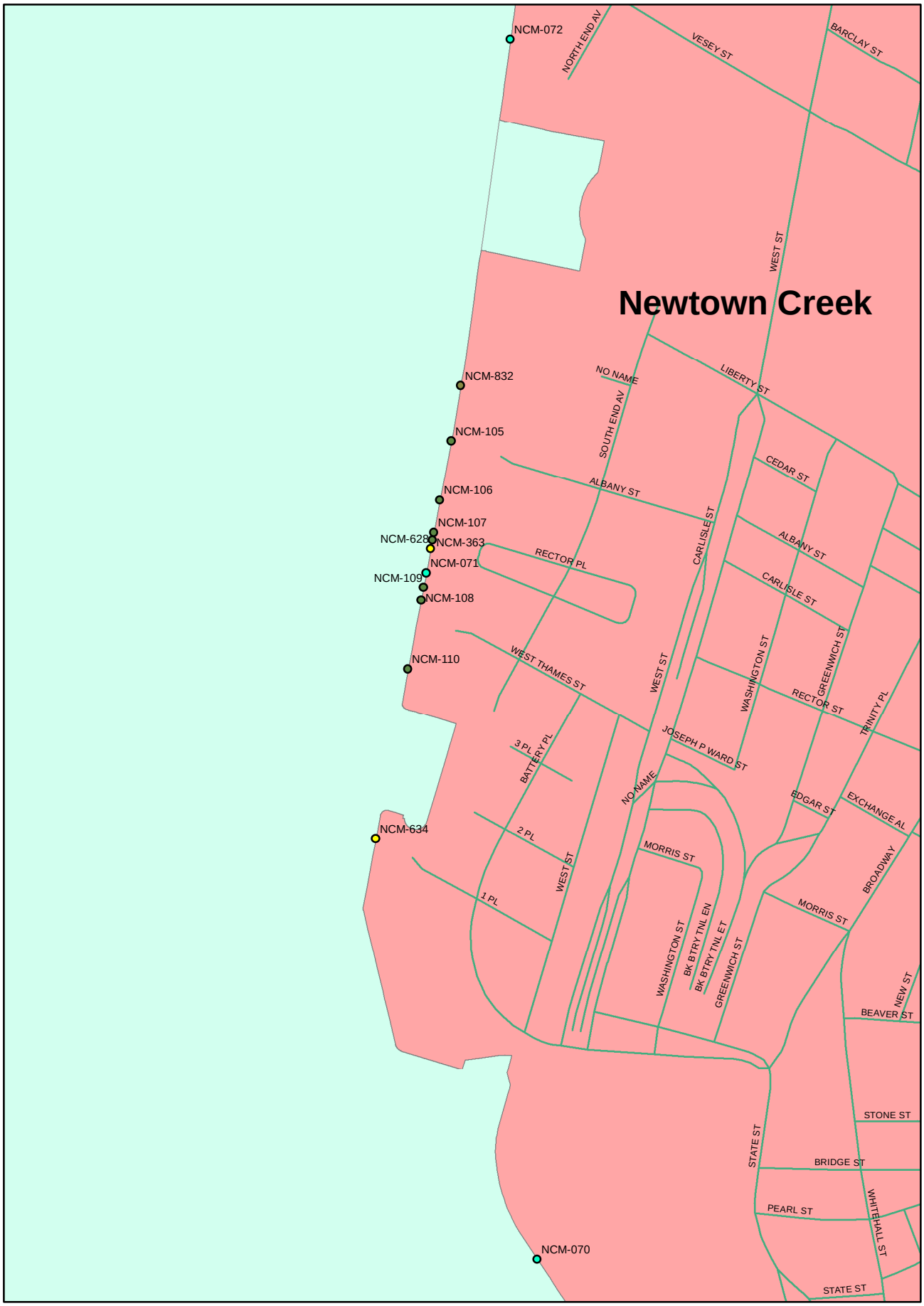
NCM-370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NCM-634
NCM-070
NORTH END AV
VESEY ST
BARCLAY ST
WEST ST
NO NAME
LIBERTY ST
SOUTH END AV
CEDAR ST
ALBANY ST
CARLISLE ST
RECTOR PL
WEST THAMES ST
WASHINGTON ST
GREENWICH ST
RECTOR ST
TRINITY PL
JOSEPH P WARD ST
3 PL
BATTERY PL
EDGAR ST
EXCHANGE AL
2 PL
MORRIS ST
BROADWAY
1 PL
BK BTRY TNL EN
BK BTRY TNL ET
NEW ST
BEAVER ST
STONE ST
STATE ST
BRIDGE ST
PEARL ST
WHITEHALL ST


Newtown Creek
NCM-081
NCM-101
NCM-502
NCM-501
NCM-076
NCM-080
NCM-075
NCM-369
NCM-831
NCM-503
NCM-104
NCM-074
NCM-073
CHARLES ST
W 10 ST
CHRISTOPHER ST
WEST ST
WEST ST
WEEHAWKEN ST
GROVE ST
BEDFORD ST
BARROW ST
MORTON ST
LEROY ST
ST LUKES PL
CLARKSON ST
HUDSON ST
7 AV S
W HOUSTON ST
WASHINGTON ST
KING ST
GREENWICH ST
CHARLTON ST
VANDAM ST
SPRING ST
RENWICK ST
DOMINICK ST
HOLLAND TNL EN
BROOME ST
WATTS ST
WATTS ST
CANAL ST
DESBROSSES ST
HOLLAND TNL ET
GRAND ST
SULLIVAN ST
AV OF THE AMERICAS
VESTRY ST
LAIGHT ST
LAIGHT ST
NO NAME
HUBERT ST
COLLISTER ST
ST JOHNS LA
AV OF THE AMERICAS
BEACH ST
ERICSSON PL
VARICK ST
BEACH ST WALKER ST
NORTH MOORE ST
FRANKLIN ST
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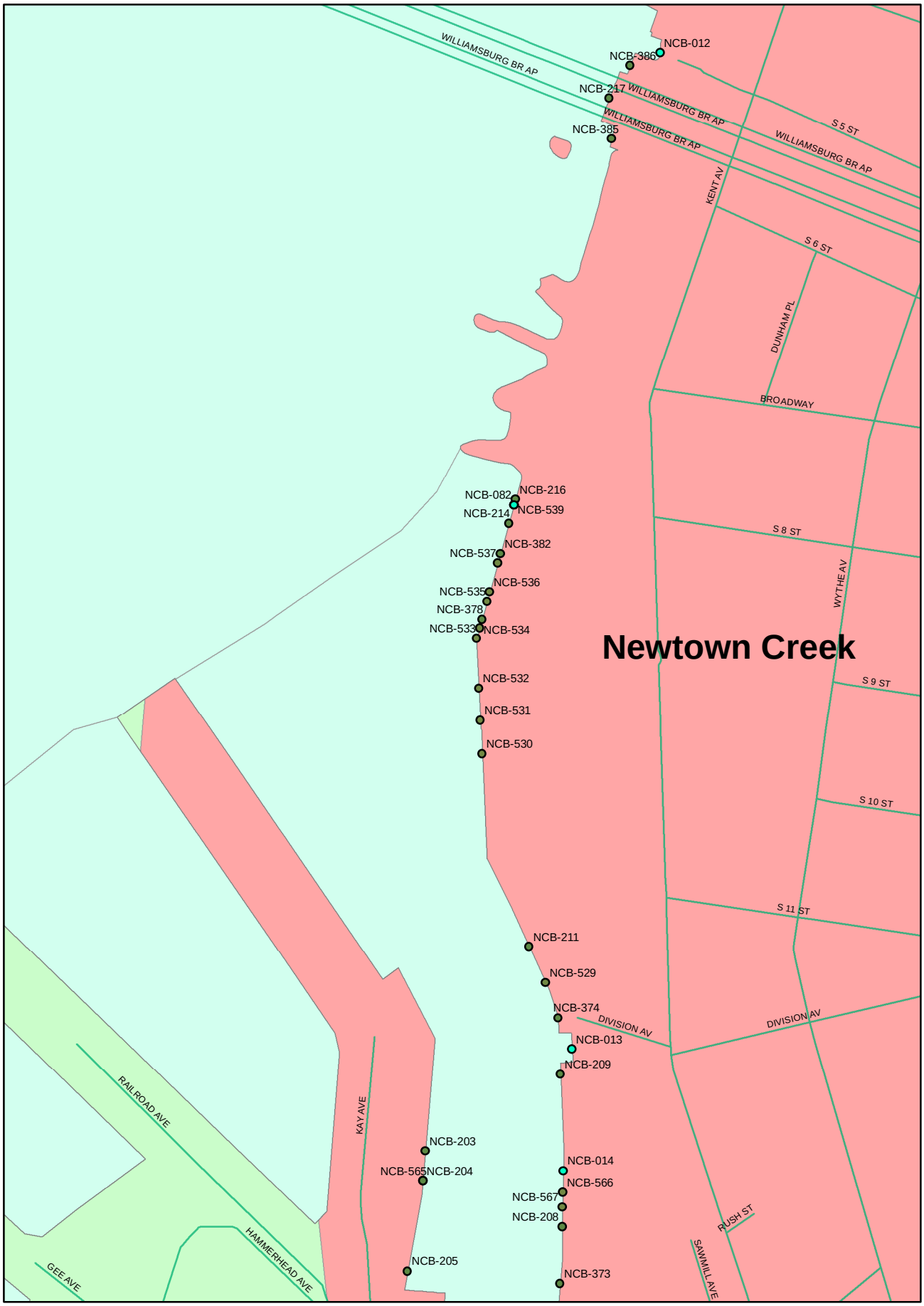
LEONARD ST
WEST BROADWAY
CHURCH ST
STAPLE ST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NCB-386
NCB-217
NCB-385
WILLIAMSBURG BR AP
S 5 ST
S 6 ST
KENT AV
DUNHAM PL
BROADWAY
S 8 ST
WYTHE AV
S 9 ST
S 10 ST
S 11 ST
DIVISION AV
RUSH ST
SAWMILL AVE
NCB-216
NCB-082
NCB-539
NCB-214
NCB-382
NCB-537
NCB-536
NCB-535
NCB-378
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NCB-013
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NCB-014
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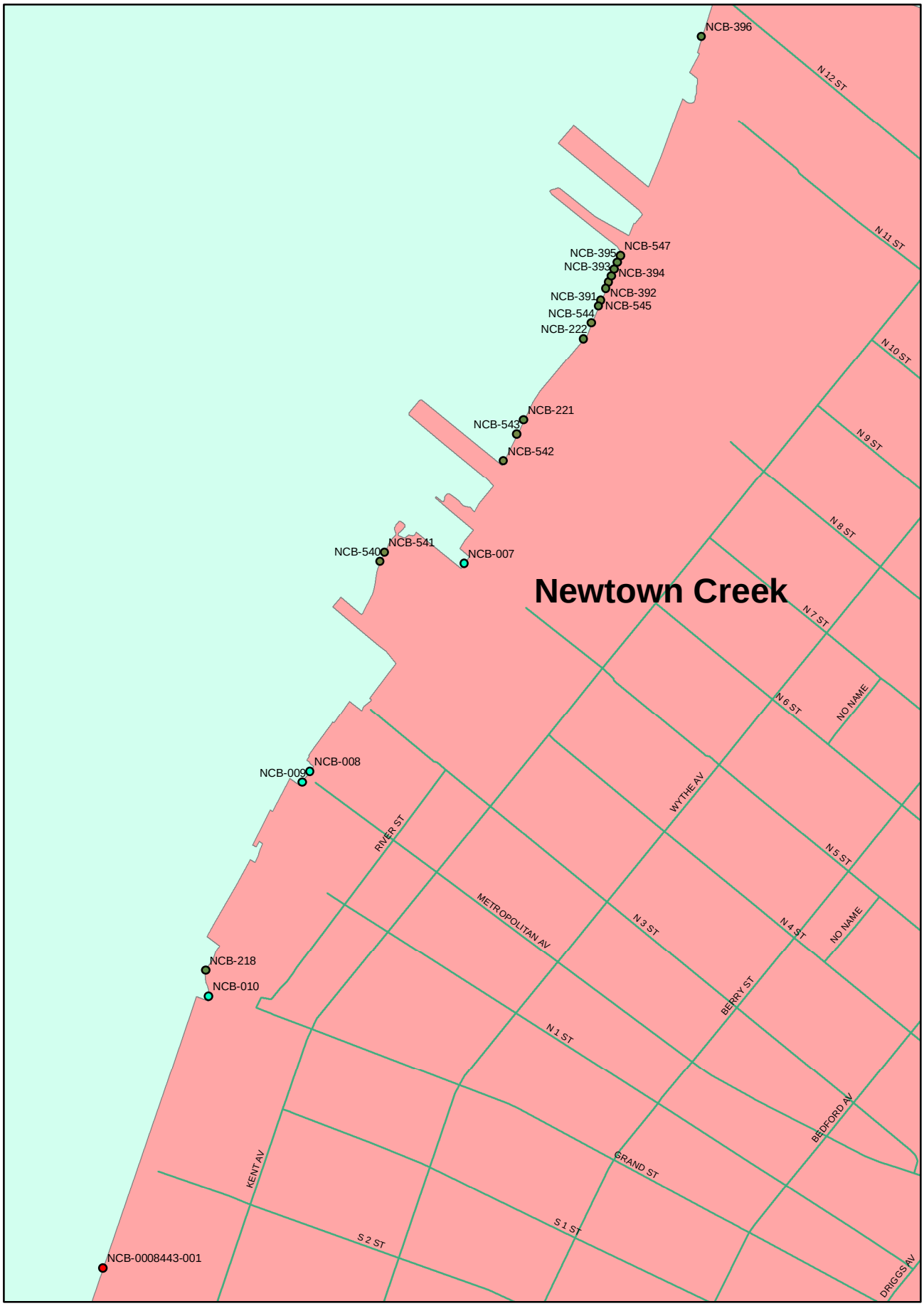
KAY AVE
RAILROAD AVE
HAMMERHEAD AVE
GEE AVE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N 11 ST
N 10 ST
N 9 ST
N 8 ST
N 7 ST
N 6 ST
N 5 ST
N 4 ST
N 3 ST
N 1 ST
S 1 ST
S 2 ST
NO NAME
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WYTHE AV
RIVER ST
METROPOLITAN AV
BERRY ST
BEDFORD AV
GRAND ST
KENT AV
DRIGGS AV


BB
2 ST
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NCB-550
NCB-242
NCB-021
NCB-022
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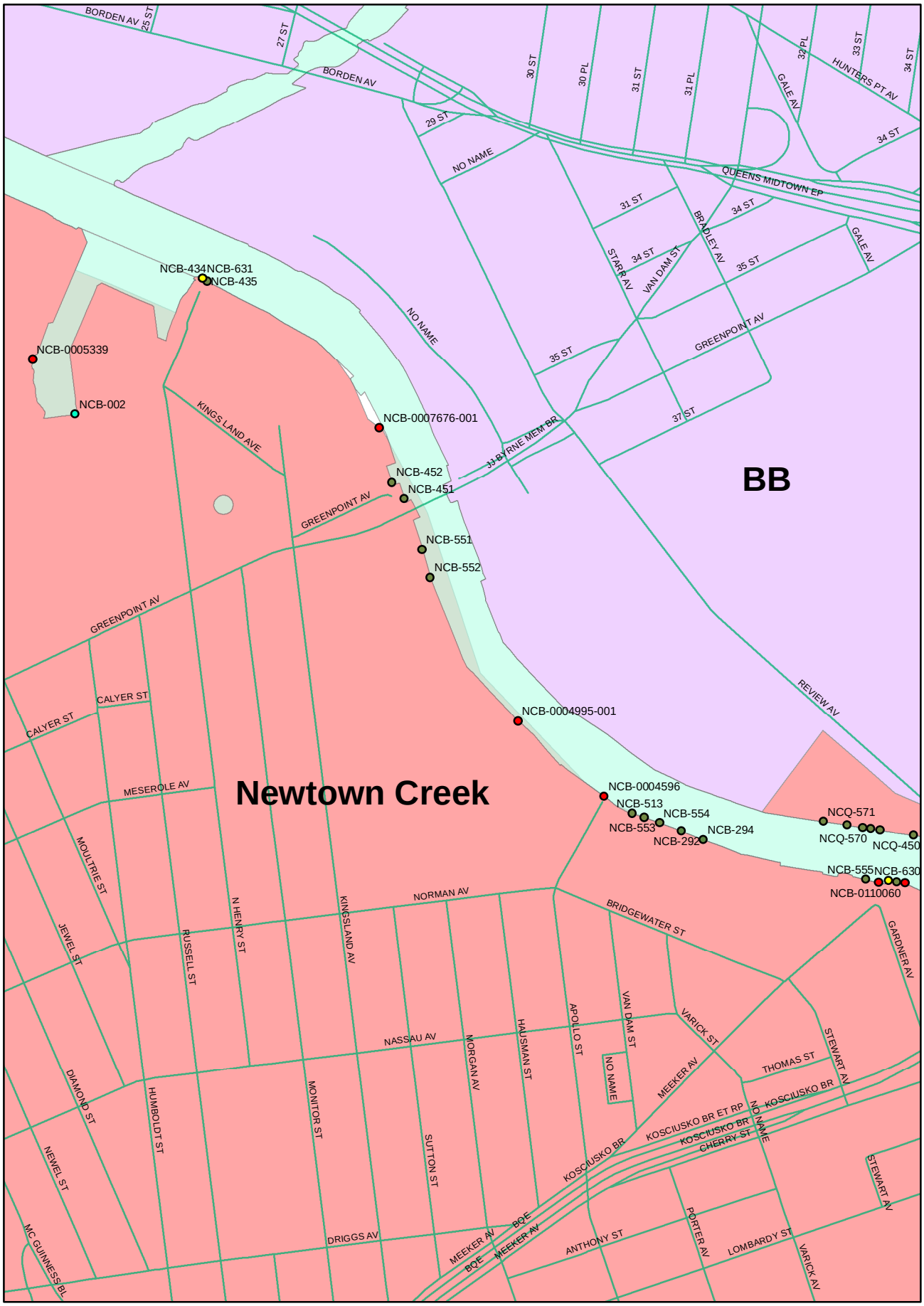
ASH ST
NCB-023
BOX ST
PAIDGE AV
PULASKI BR
COMMERCIAL ST
CLAY ST
NCB-401
NCB-402
DUPONT ST
NCB-024
DUPONT ST
EAGLE ST
EAGLE ST
NCB-548
FREEMAN ST
NCB-025
Newtown Creek
GREEN ST
NCB-026
HURON ST
NCB-398
WEST ST
MC GUINNESS BL
NCB-027
NCB-001
NCB-231
INDIA ST
JAVA ST
KENT ST
NCB-230
NCB-229
GREENPOINT AV
NCB-228
NCB-003
MILTON ST
ECKFORD ST
NOBLE ST
CALYER ST
LEONARD ST
OAK ST
OAK ST
CLIFFORD PL
MESEROLE AV
LORIMER ST
MANHATTAN AV
QUAY ST
NCB-397
NCB-004
FRANKLIN ST
BANKER ST
DOBBIN ST
GUERNSEY ST
NCB-006
GEM ST
NORMAN AV
N 15 ST
NCB-226
NCB-227
N 12 ST
NCB-396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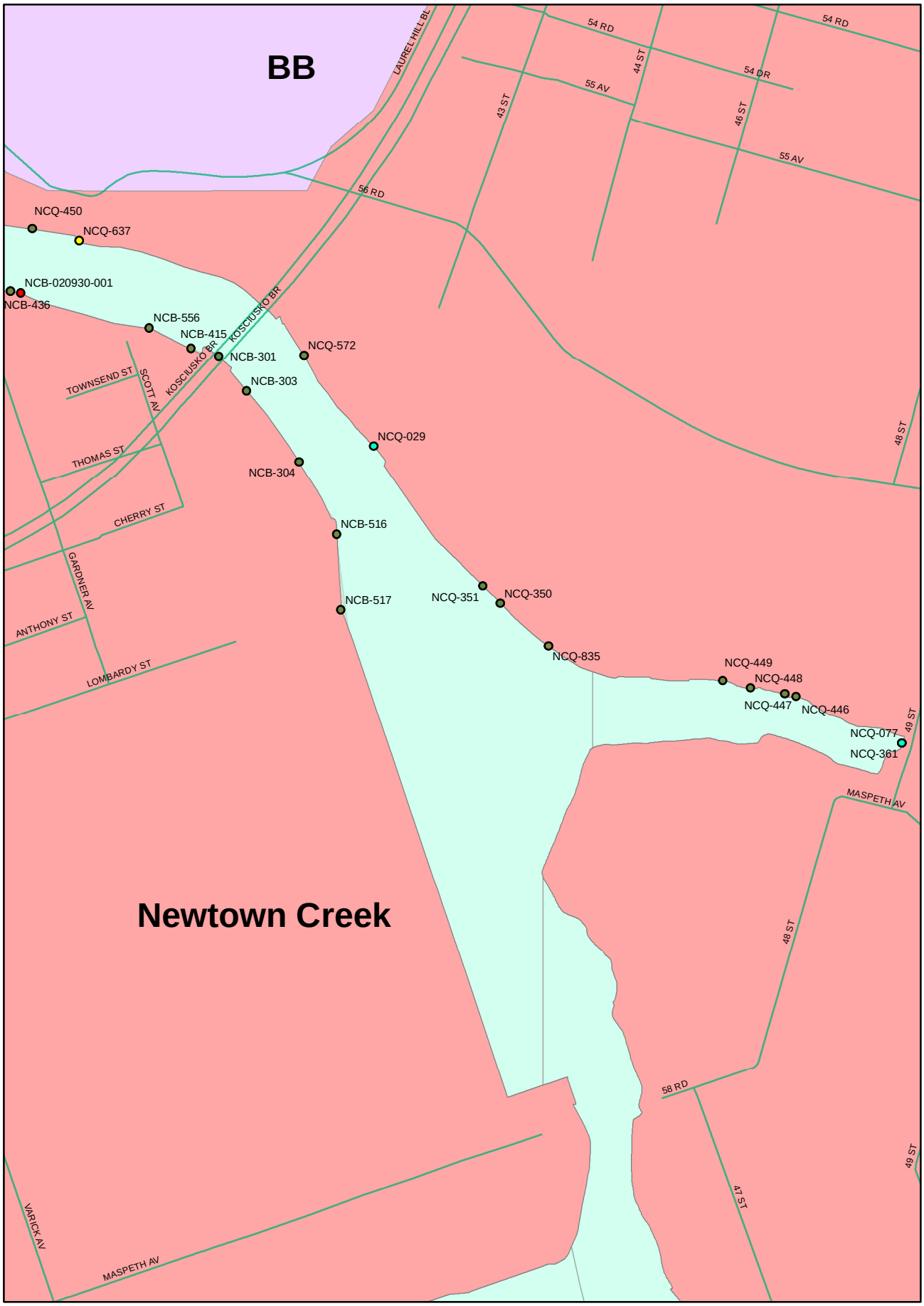
NCB-554
NCB-553
NCB-294
NCB-292
NCQ-571
NCQ-570
NCQ-450
NCB-555
NCB-630
NCB-0110060
BORDEN AV
25 ST
27 ST
29 ST
30 ST
30 PL
31 ST
31 PL
32 PL
33 ST
34 ST
HUNTERS PT AV
GALE AV
NO NAME
QUEENS MIDTOWN EP
BRADLEY AV
STARR AV
VAN DAM ST
35 ST
GREENPOINT AV
37 ST
KINGS LAND AVE
33 BYRNE MEM BR
REVIEW AV
CALYER ST
MESEROLE AV
MOULTRIE ST
JEWEL ST
RUSSELL ST
N HENRY ST
KINGSLAND AV
NORMAN AV
BRIDGEWATER ST
GARDNER AV
APOLLO ST
VAN DAM ST
VARICK ST
NASSAU AV
MORGAN AV
HAUSMAN ST
MEEKER AV
THOMAS ST
STEWART AV
DIAMOND ST
HUMBOLDT ST
MONITOR ST
SUTTON ST
KOSCIUSKO BR
KOSCIUSKO BR ET RP
CHERRY ST
NEWEL ST
MC GUINNESS BL
DRIGGS AV
BQE
ANTHONY ST
PORTER AV
LOMBARDY ST
VARICK AV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54 RD
54 DR
44 ST
55 AV
43 ST
46 ST
55 AV
56 RD
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NCQ-637
NCB-020930-001
NCB-436
NCB-556
NCB-415
KOSCIUSKO BR
KOSCIUSKO BR
NCB-301
NCQ-572
NCB-303
TOWNSEND ST
SCOTT AV
THOMAS ST
NCQ-029
NCB-304
48 ST
CHERRY ST
NCB-516
GARDNER AV
NCB-517
NCQ-351
NCQ-350
ANTHONY ST
NCQ-835
LOMBARDY ST
NCQ-449
NCQ-448
NCQ-447
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58 RD
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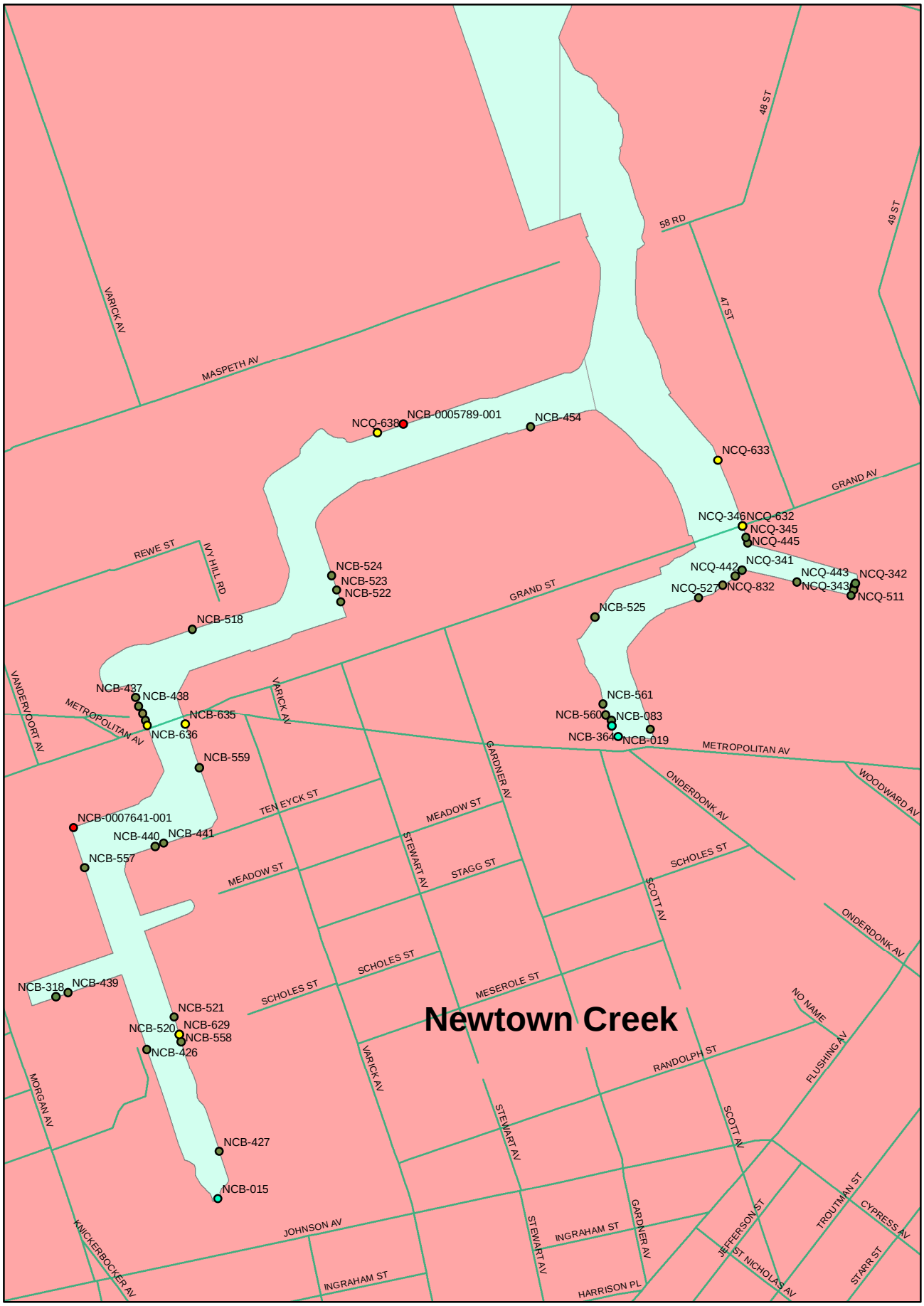
VARICK AV
MASPETH AV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MASPETH AV
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47 ST
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GRAND AV
NCQ-346
NCQ-632
NCQ-345
NCQ-445
NCQ-341
NCQ-442
NCQ-443
NCQ-342
NCQ-527
NCQ-832
NCQ-343
NCQ-511
REWE ST
IVY HILL RD
NCB-524
NCB-523
NCB-522
GRAND ST
NCB-525
NCB-518
VANDERVOORT AV
NCB-437
NCB-438
METROPOLITAN AV
NCB-635
NCB-636
NCB-561
NCB-560
NCB-083
NCB-364
NCB-019
NCB-559
GARDNER AV
ONDERDONK AV
WOODWARD AV
TEN EYCK ST
MEADOW ST
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NCB-441
NCB-557
STEWART AV
STAGG ST
SCHOLES ST
SCOTT AV
NCB-318
NCB-439
MESEROLE ST
NO NAME
NCB-521
NCB-520
NCB-629
NCB-558
NCB-426
RANDOLPH ST
FLUSHING AV
MORGAN AV
NCB-427
NCB-015
JOHNSON AV
INGRAHAM ST
JEFFERSON ST
TROUTMAN ST
CYPRESS AV
KNICKERBOCKER AV
ST NICHOLAS AV
STARR ST
HARRISON PL

Outfall ID: NCB-002
Location: PLANT OUTFALL
Latitude: 40° 44' 4"
Longitude: 73° 56' 48"
Outfall Size: 3BL 7' X 8'
Receiving Water: WHALE CREEK CANAL

Outfall ID: NCB-003
Location: GREENPOINT AVENUE (REG # B-11)
Latitude: 40° 43' 46"
Longitude: 73° 57' 40"
Outfall Size: 24" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-004
Location: QUAY STREET (REG # B-10)
Latitude: 40° 43' 33"
Longitude: 73° 57' 42"
Outfall Size: 7' 6" X 5' 9"
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-006
Location: NORTH 12TH STREET (REG # B-9)
Latitude: 40° 43' 31"
Longitude: 73° 57' 43"
Outfall Size: DBL 11' 2" X 8'
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-007
Location: NORTH 5TH STREET (REG # B-8)
Latitude: 40° 43' 12"
Longitude: 73° 57' 52"
Outfall Size: 3' X 3' 9"
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-008
Location: METROPOLITAN AVENUE (REG # B-7)
Latitude: 40° 43' 6"
Longitude: 73° 57' 58"
Outfall Size: 60" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-009
Location: METROPOLITAN AVENUE (REG # B-7)
Latitude: 40° 43' 6"
Longitude: 73° 57' 58"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-010
Location: GRAND STREET (REG # B-6A)
Latitude: 40° 42' 59"
Longitude: 73° 58' 2"
Outfall Size: 1' 6" X 1' 6"
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-012
Location: SOUTH 5TH STREET (REG # B-6)
Latitude: 40° 42' 46"
Longitude: 73° 58' 6"
Outfall Size: 144" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-013
Location: DIVISION AVENUE (REG # B-5)
Latitude: 40° 42' 25"
Longitude: 73° 58' 9"
Outfall Size: 10' X 8'
Receiving Water: WALLABOUT CHANNEL/ E

Outfall ID: NCB-014
Location: KENT AVE (REG # B-4)
Latitude: 40° 42' 22"
Longitude: 73° 58' 9"
Outfall Size: DBL 17' X 11'
Receiving Water: WALLABOUT CHANNEL

Outfall ID: NCB-015
Location: JOHNSON AVE (REG # B-1)
Latitude: 40° 42' 31"
Longitude: 73° 55' 49"
Outfall Size: 15' 8" X 10'
Receiving Water: ENGLISH KILLS (S)

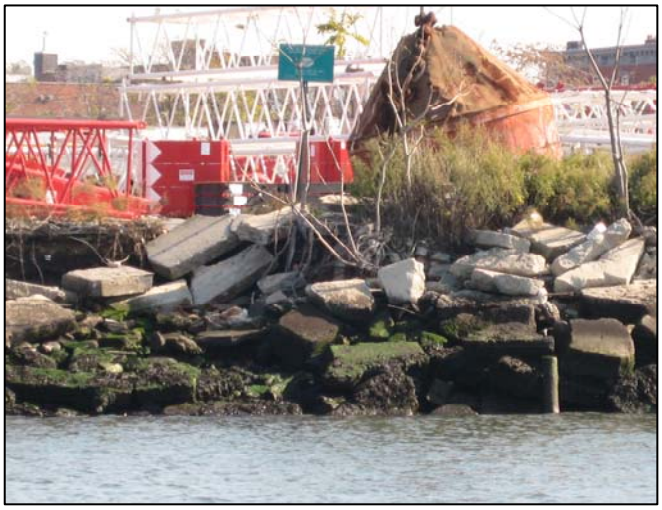
Outfall ID: NCB-019
Location: METROPOLITAN AVENUE (REG B-2)
Latitude: 40° 42' 51"
Longitude: 73° 55' 27"
Outfall Size: 36" DIA
Receiving Water: NEWTOWN CREEK (W)

Outfall ID: NCB-021
Location: MCGUINESS BOULEVARD
Latitude: 40° 44' 20"
Longitude: 73° 57' 10"
Outfall Size: 36" DIA
Receiving Water: NEWTOWN CREEK (S)

Outfall ID: NCB-022
Location: MCGUINESS BOULEVARD (REG # B-17)
Latitude: 40° 44' 20"
Longitude: 73° 57' 10"
Outfall Size: 4' 6" X 6' 3"
Receiving Water: NEWTOWN CREEK (S)

Outfall ID: NCB-023
Location: FRANKLIN STREET (REG # B-16)
Latitude: 40° 44' 16"
Longitude: 73° 57' 32"
Outfall Size: 24" DIA
Receiving Water: NEWTOWN CREEK (S)

Outfall ID: NCB-024
Location: DUPONT STREET (REG # B-15)
Latitude: 40° 44' 9"
Longitude: 73° 57' 40"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER (E)



Outfall ID: NCB-025
Location: FREEMAN STREET (REG # B-14)
Latitude: 40° 44' 2"
Longitude: 73° 57' 44"
Outfall Size: 24" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-026
Location: GREEN STREET (REG # B-13)
Latitude: 40° 43' 59"
Longitude: 73° 57' 44"
Outfall Size: 2' X 2' 6"
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-027
Location: HURON STREET (REG # B-12)
Latitude: 40° 43' 57"
Longitude: 73° 57' 43"
Outfall Size: 7' 9" X 6' 3"
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-082
Location: SOUTH 8TH STREET (REG # B-6)
Latitude: 40° 42' 36"
Longitude: 73° 58' 11"
Outfall Size: 36" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: NCB-083
Location: METROPOLITAN AVE / SCOTT AVE
Latitude: 40° 42' 51"
Longitude: 73° 55' 28"
Outfall Size: 186" DIA
Receiving Water: NEWTOWN CREEK (W)

Outfall ID: NCM-005
Location: E 63RD STREET (REG # M-51)
Latitude: 40° 45' 38"
Longitude: 73° 57' 23"
Outfall Size: 24" DIA
Receiving Water: EAST RIVER

Outfall ID: NCM-011
Location: E 48TH STREET (REG # M-47A)
Latitude: 40° 45' 6"
Longitude: 73° 57' 53"
Outfall Size: 2' 8" X 4'
EGG Receiving Water: EAST RIVER

Outfall ID: NCM-016
Location: E 46TH STREET (REG # M-46)
Latitude: 40° 45' 2"
Longitude: 73° 57' 57"
Outfall Size: 72" DIA
Receiving Water: EAST RIVER

Outfall ID: NCM-017
Location: E 42ND STREET (REG # M-45A)
Latitude: 40° 44' 53"
Longitude: 73° 58' 4"
Outfall Size: 2' 8" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: NCM-018
Location: E 41ST STREET (REG # M-45)
Latitude: 40° 44' 51"
Longitude: 73° 58' 6"
Outfall Size: 2' 8" X 4'
Receiving Water: EAST RIVER

Outfall ID: NCM-020
Location: E HOUSTON STREET (REG # M-31)
Latitude: 40° 43' 7"
Longitude: 73° 58' 25"
Outfall Size: 6' X 4' 6"
Receiving Water: EAST RIVER

Outfall ID: NCM-028
Location: DELANCY STREET (REG # M-28)
Latitude: 40° 42' 52"
Longitude: 73° 58' 31"
Outfall Size: 4' X 4'
Receiving Water: EAST RIVER

Outfall ID: NCM-030
Location: E 71ST STREET (REG # M-51C)
Latitude: 40° 45' 55"
Longitude: 73° 57' 6"
Outfall Size: 2' X 3' EGG
Receiving Water: EAST RIVER

Outfall ID: NCM-031
Location: E 70TH STREET (REG # M-51B)
Latitude: 40° 45' 52"
Longitude: 73° 57' 8"
Outfall Size: 2' X 3'
EGG Receiving Water: EAST RIVER

Outfall ID: NCM-032
Location: E 61ST STREET (REG # M-50)
Latitude: 40° 45' 34"
Longitude: 73° 57' 27"
Outfall Size: DBL 6' 6" X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-033
Location: E 57TH STREET (REG # M-49)
Latitude: 40° 45' 25"
Longitude: 73° 57' 35"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: NCM-034
Location: E 54TH STREET (REG # M-48)
Latitude: 40° 45' 19"
Longitude: 73° 57' 42"
Outfall Size: 4' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-035
Location: E 53RD STREET (REG # M-48A)
Latitude: 40° 45' 17"
Longitude: 73° 57' 44"
Outfall Size: 2' 4" X 4'
Receiving Water: EAST RIVER

Outfall ID: NCM-036
Location: E 49TH STREET (REG # M-47)
Latitude: 40° 45' 8"
Longitude: 73° 57' 51"
Outfall Size: 8' 6" X 7' 6"
Receiving Water: EAST RIVER

Outfall ID: NCM-037
Location: E 41ST STREET (REG # M-44)
Latitude: 40° 44' 50"
Longitude: 73° 58' 6"
Outfall Size: 9' X 7'
Receiving Water: EAST RIVER

Outfall ID: NCM-038
Location: E 38TH STREET (REG # M-43B)
Latitude: 40° 44' 44"
Longitude: 73° 58' 11"
Outfall Size: 60" DIA
Receiving Water: EAST RIVER

Outfall ID: NCM-039
Location: E 37TH STREET (REG # M-43A)
Latitude: 40° 44' 42"
Longitude: 73° 58' 13"
Outfall Size: 2' 8" X 5' 6" EGG
Receiving Water: EAST RIVER

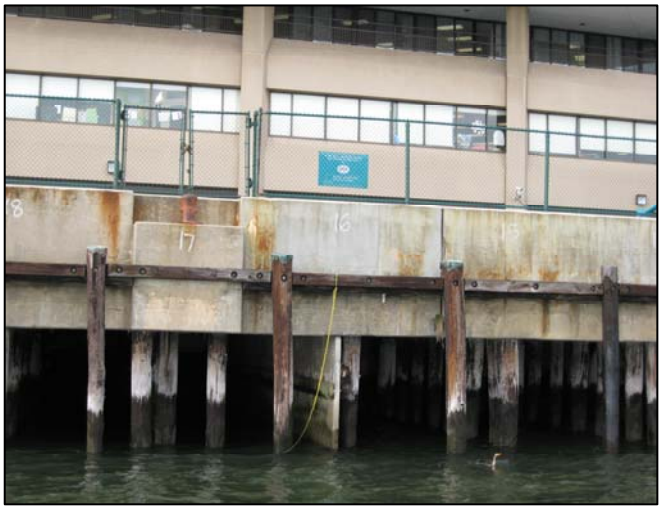
Outfall ID: NCM-040
Location: E 36TH STREET (REG # M-43)
Latitude: 40° 44' 40"
Longitude: 73° 58' 15"
Outfall Size: 2' 8" X 5' 6" EGG
Receiving Water: EAST RIVER

Outfall ID: NCM-041
Location: E 33RD STREET (REG # M-42)
Latitude: 40° 44' 32"
Longitude: 73° 58' 19"
Outfall Size: DBL 8' X 6'
Receiving Water: EAST RIVER

Outfall ID: NCM-042
Location: BROOME STREET (REG # M-27)
Latitude: 40° 42' 49"
Longitude: 73° 58' 32"
Outfall Size: 4' X 4'
Receiving Water: EAST RIVER

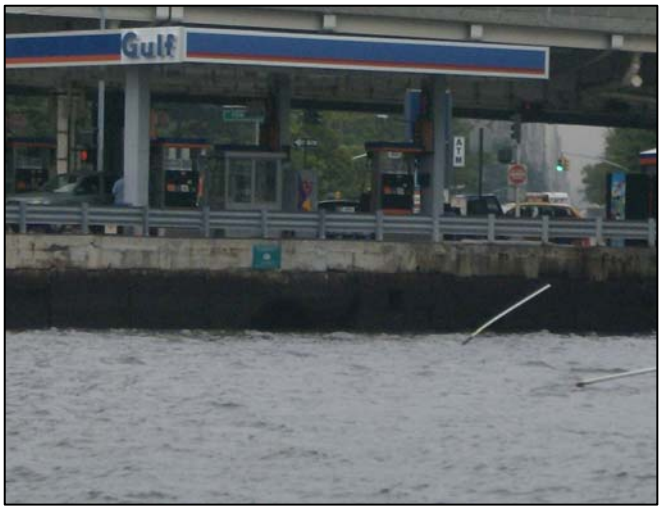
Outfall ID: NCM-043
Location: E 30TH STREET (REG # M-41)
Latitude: 40° 44' 25"
Longitude: 73° 58' 20"
Outfall Size: 2' 4" X 4'
Receiving Water: EAST RIVER

Outfall ID: NCM-044
Location: E 29TH STREET (REG # M-41A)
Latitude: 40° 44' 23"
Longitude: 73° 58' 21"
Outfall Size: 4' X 5' 6"
Receiving Water: EAST RIVER



Outfall ID: NCM-045
Location: E 26TH STREET (REG # M-40)
Latitude: 40° 44' 15"
Longitude: 73° 58' 21"
Outfall Size: DBL 6' X 6' 6"
Receiving Water: EAST RIVER

Outfall ID: NCM-046
Location: E 24TH STREET (REG # M-39)
Latitude: 40° 44' 11"
Longitude: 73° 58' 28"
Outfall Size: 4' X 6'
Receiving Water: EAST RIVER



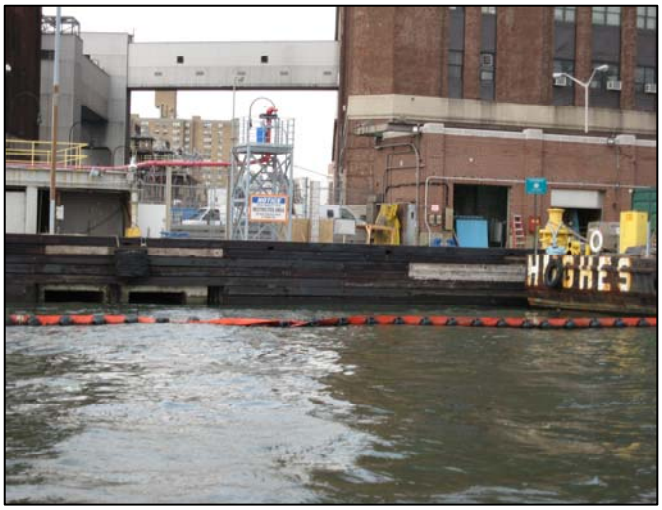
Outfall ID: NCM-047
Location: E 23RD STREET (REG # M-38B)
Latitude: 40° 44' 6"
Longitude: 73° 58' 26"
Outfall Size: 4' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-048
Location: E 21ST STREET (REG # M-38)
Latitude: 40° 44' 1"
Longitude: 73° 58' 26"
Outfall Size: 4' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-049
Location: E 18TH STREET (REG # M-37)
Latitude: 40° 43' 54"
Longitude: 73° 58' 25"
Outfall Size: 8' X 6'
Receiving Water: EAST RIVER

Outfall ID: NCM-050
Location: S/O CATHERINE SLIP (REG # M -19)
Latitude: 40° 42' 32"
Longitude: 73° 59' 46"
Outfall Size: 4' X 4' 6"
Receiving Water: EAST RIVER

Outfall ID: NCM-051
Location: OLD SLIP (REG # M -12)
Latitude: 40° 42' 11"
Longitude: 74° 0' 27"
Outfall Size: 2' 8" X 3' 4"
Receiving Water: EAST RIVER



Outfall ID: NCM-052
Location: E 14TH STREET (REG # M-36)
Latitude: 40° 43' 36"
Longitude: 73° 58' 18"
Outfall Size: DBL 7' X 6'
Receiving Water: EAST RIVER

Outfall ID: NCM-053
Location: E 11TH STREET (REG # M-35)
Latitude: 40° 43' 29"
Longitude: 73° 58' 19"
Outfall Size: 8' 9" X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-054
Location: E 8TH STREET (REG # M-34)
Latitude: 40° 43' 21"
Longitude: 73° 58' 21"
Outfall Size: 6' 6" X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-055
Location: E 6TH STREET (REG # M-33)
Latitude: 40° 43' 16"
Longitude: 73° 58' 22"
Outfall Size: 4' X 5' 6"
Receiving Water: EAST RIVER

Outfall ID: NCM-056
Location: E 3RD STREET (REG # M-32)
Latitude: 40° 43' 9"
Longitude: 73° 58' 24"
Outfall Size: 6' 6" X 6'
Receiving Water: EAST RIVER

Outfall ID: NCM-057
Location: STANTON STREET (REG # M-30)
Latitude: 40° 43' 3"
Longitude: 73° 58' 26"
Outfall Size: 5' X 5' 6"
Receiving Water: EAST RIVER

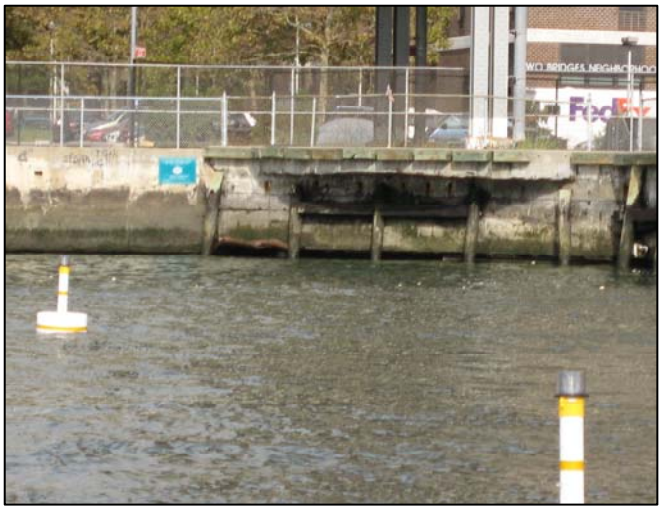
Outfall ID: NCM-058
Location: IRVINGTON STREET (REG # M-29)
Latitude: 40° 42' 58"
Longitude: 73° 58' 28"
Outfall Size: 5' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-059
Location: 50' S/O GRAND STREET (REG # M-26)
Latitude: 40° 42' 46"
Longitude: 73° 58' 34"
Outfall Size: 3' X 6'
Receiving Water: EAST RIVER

Outfall ID: NCM-060
Location: S/O CORLEARS HOOK PK. (REG # M-25)
Latitude: 40° 42' 38"
Longitude: 73° 58' 43"
Outfall Size: 4' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-061
Location: JACKSON STREET (REG # M-23)
Latitude: 40° 42' 37"
Longitude: 73° 58' 50"
Outfall Size: 3' X 4'
Receiving Water: EAST RIVER

Outfall ID: NCM-062
Location: GOVERNEUR SLIP E (REG # M-22)
Latitude: 40° 42' 35"
Longitude: 73° 58' 60"
Outfall Size: 48" DIA
Receiving Water: EAST RIVER



Outfall ID: NCM-063
Location: N/O JEFFERSON ST (REG # M-21)
Latitude: 40° 42' 36"
Longitude: 73° 59' 19"
Outfall Size: 9' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-064
Location: MARKET SLIP (REG # M -20)
Latitude: 40° 42' 33"
Longitude: 73° 59' 38"
Outfall Size: 54" DIA
Receiving Water: EAST RIVER

Outfall ID: NCM-065
Location: S/O CATHERINE STREET (REG # M-18)
Latitude: 40° 42' 32"
Longitude: 73° 59' 46"
Outfall Size: 9' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-066
Location: ROBERT F WAGNER PL (REG # M -17)
Latitude: 40° 42' 30"
Longitude: 73° 59' 55"
Outfall Size: 48" DIA
Receiving Water: EAST RIVER

Outfall ID: NCM-067
Location: MAIDEN LANE (REG # M -13A)
Latitude: 40° 42' 18"
Longitude: 74° 0' 16"
Outfall Size: 6' 4" X 6'
Receiving Water: EAST RIVER

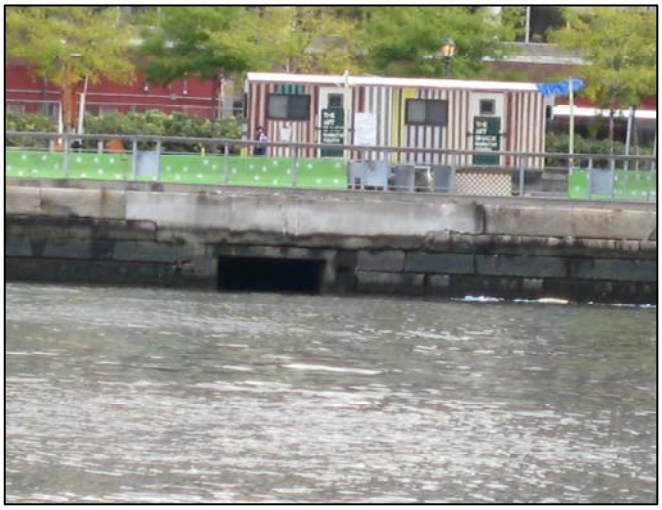
Outfall ID: NCM-068
Location: COENTIES SLIP (REG # M -11)
Latitude: 40° 42' 7"
Longitude: 74° 0' 34"
Outfall Size: 4' 6" X 3' 8"
Receiving Water: EAST RIVER

Outfall ID: NCM-069
Location: BROAD STREET (REG # M-10)
Latitude: 40° 42' 5"
Longitude: 74° 0' 40"
Outfall Size: 4' X 5'
Receiving Water: EAST RIVER

Outfall ID: NCM-070
Location: BATTERY PL (S/O PIER-A) (REG # M-9)
Latitude: 40° 42' 10"
Longitude: 74° 1' 2"
Outfall Size: 84" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NCM-071
Location: RECTOR STREET (REG # M-6, M-7)
Latitude: 40° 42' 33"
Longitude: 74° 1' 7"
Outfall Size: 96" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NCM-072
Location: VESTRY STREET (REG # M-5)
Latitude: 40° 42' 52"
Longitude: 74° 1' 3"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER



Outfall ID: NCM-073
Location: DUANE STREET (REG # M-4)
Latitude: 40° 43' 6"
Longitude: 74° 0' 48"
Outfall Size: 54" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NCM-074
Location: VESTRY STREET (REG # M-3)
Latitude: 40° 43' 23"
Longitude: 74° 0' 44"
Outfall Size: 60" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NCM-075
Location: WATTS STREET (REG # M-2)
Latitude: 40° 43' 28"
Longitude: 74° 0' 43"
Outfall Size: DBL 6' 0" X 7' 5"
Receiving Water: HUDSON RIVER

Outfall ID: NCM-076
Location: CLARKSON STREET (REG # 1)
Latitude: 40° 43' 49"
Longitude: 74° 0' 51"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NCM-078
Location: N/O DOVER STREET (REG # M -16)
Latitude: 40° 42' 28"
Longitude: 73° 59' 58"
Outfall Size: 12' X 6'
Receiving Water: EAST RIVER

Outfall ID: NCM-080
Location: N/O VANDAM STREET (REG # TG-2)
Latitude: 40° 43' 38"
Longitude: 74° 0' 41"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

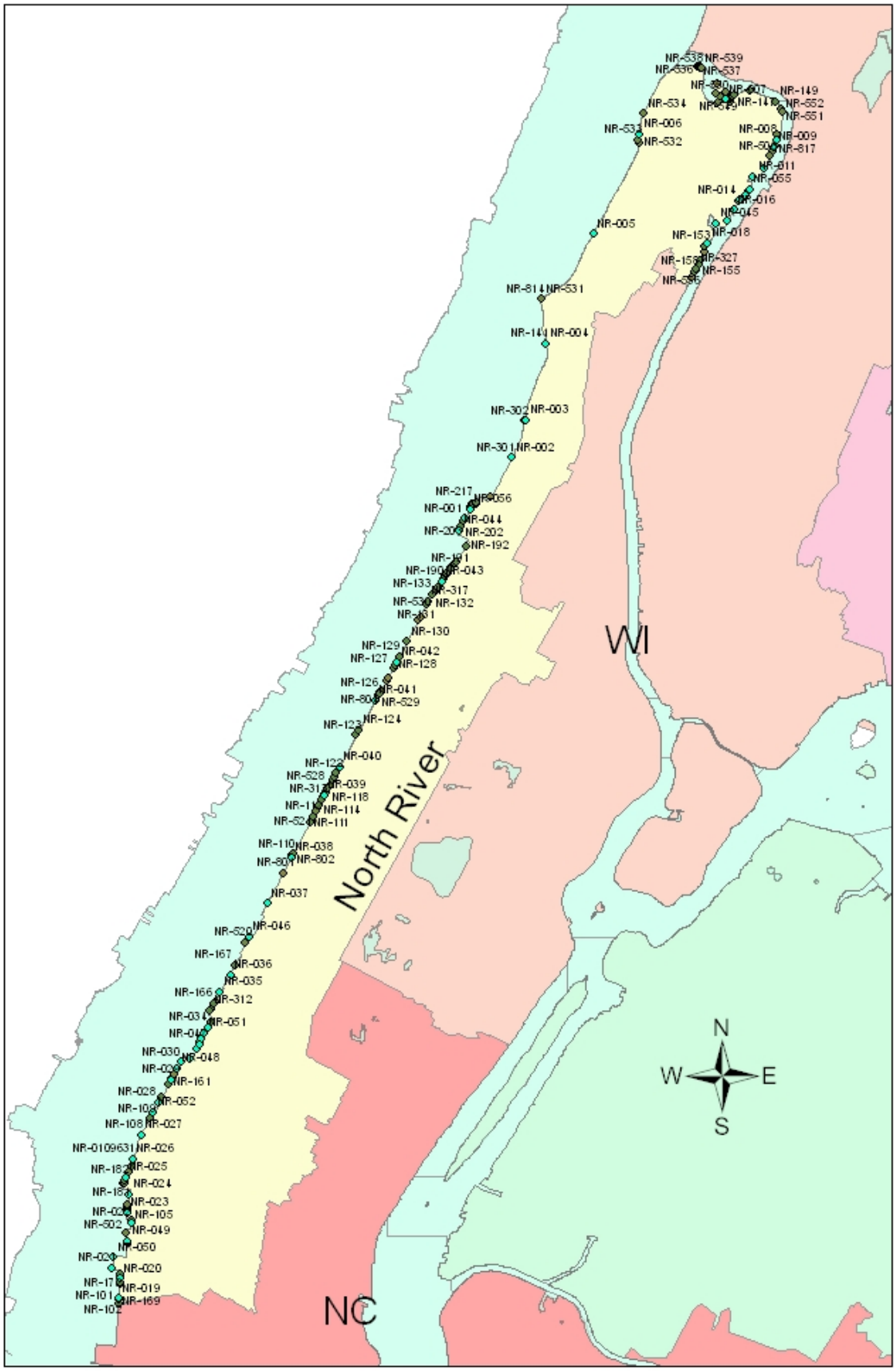
Outfall ID: NCM-081
Location: N/O CHARLES STREET (REG # TG-1)
Latitude: 40° 44' 2"
Longitude: 74° 0' 39"
Outfall Size: 4' X 5'
Receiving Water: HUDSON RIVER

Outfall ID: NCM-087
Location: E 22ND STREET (REG # M-38A)
Latitude: 40° 44' 3"
Longitude: 73° 58' 27"
Outfall Size: 5' X 3' 6"
Receiving Water: EAST RIVER

Outfall ID: NCQ-029
Location: 43RD STREET (REG # Q-2)
Latitude: 40° 43' 36"
Longitude: 73° 55' 39"
Outfall Size: 66" DIA
Receiving Water: NEWTOWN CREEK (E)

Outfall ID: NCQ-077
Location: 49TH STREET (REG # Q-1)
Latitude: 40° 43' 25"
Longitude: 73° 55' 13"
Outfall Size: DBL 11' X 7'
Receiving Water: MASPETH CREEK (E)

NORTH RIVER DRAINAGE AREA

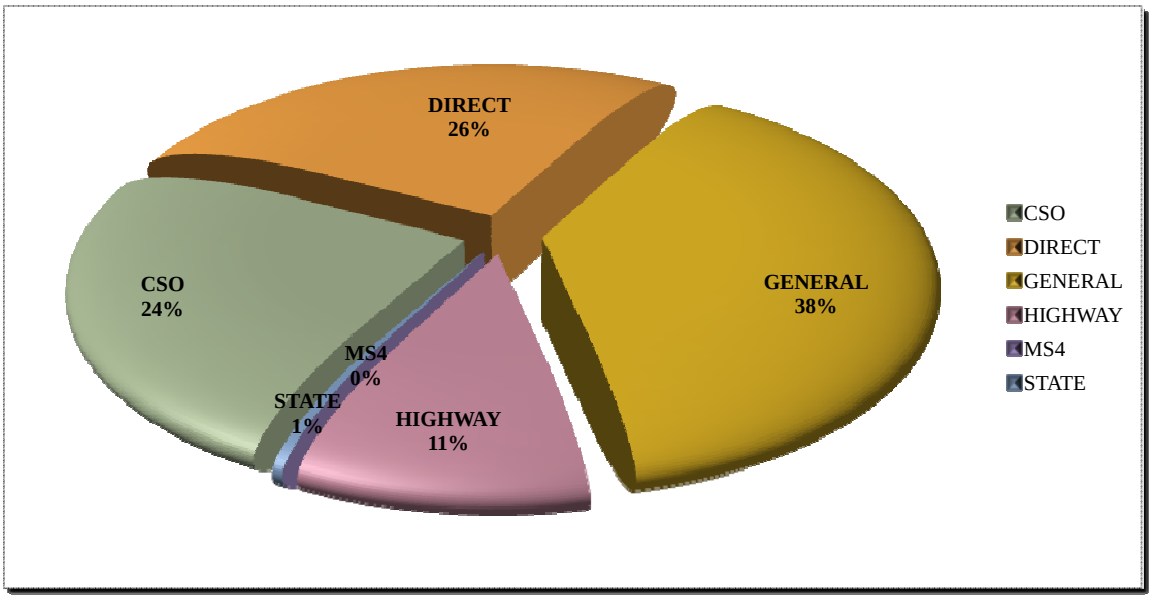


NORTH RIVER SURVEY REPORT

The survey of the entire drainage area of North River, 13.56 miles of shoreline, resulted in the identification of 219 outfalls. The outfalls consist of 53 combined sewer overflow outfalls, 25 highway outfalls, 84 general outfalls, 56 direct discharge outfalls, 0 storm outfalls and 1 SPDES permitted outfall. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The North River Water Pollution Control Plant receives flow from all of west side of Manhattan as well as entire part of Manhattan north of W. 189th Street. The complete drainage area shoreline was surveyed by boat. The survey began at Barrow Street and the Hudson River and proceeded north up the entire length of Manhattan to Inwood Hill Part and then east in the Harlem River, finally surveying south to West 189th Street.

Percentile representation of North River outfalls



NORTH RIVER

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	NR-101	W 11TH STREET	40	44	7	74	0	39	10" DIA	HUDSON RIVER
2	NR-102	S/O BANK STREET	40	44	9	74	0	38	2' 0" X 2' 0"	HUDSON RIVER
3	NR-019	BANK STREET (REG # N-56)	40	44	9	74	0	38	48" DIA	HUDSON RIVER
4	NR-169	BANK STREET (UNDER PIER)	40	44	9	74	0	38	24" SQUARE	HUDSON RIVER
5	NR-103	W 12TH STREET	40	44	15	74	0	38	2' 0" X 2' 0"	HUDSON RIVER
6	NR-170	20' N/O W 12TH STREET	40	44	16	74	0	38	12" DIA	HUDSON RIVER
7	NR-020	JANE STREET (REG # N-55)	40	44	17	74	0	38	48" DIA	HUDSON RIVER
8	NR-171	150' S/O JANE STREET	40	44	19	74	0	38	2' X 2'	HUDSON RIVER
9	NR-172	HORATIO STREET	40	44	20	74	0	38	16" DIA	HUDSON RIVER
10	NR-021	GANSEVOORT STREET (REG # N-54)	40	44	22	74	0	42	48" DIA	HUDSON RIVER
11	NR-050	BLOOMFIELD STREET (REG # N-53)	40	44	26	74	0	41	2' 4" X 3' 6"	HUDSON RIVER
12	NR-825	S/O W 14TH STREET	40	44	32	74	0	34	18" DIA	HUDSON RIVER
13	NR-049	W 14TH STREET (REG # N-52)	40	44	33	74	0	34	6' X 4' 6"	HUDSON RIVER
14	NR-501	W 15TH STREET	40	44	36	74	0	34	3" DIA PVC	HUDSON RIVER
15	NR-502	3' N/O W 15TH STREET	40	44	36	74	0	34	3" DIA PVC	HUDSON RIVER
16	NR-022	S/O W 17TH STREET (REG # N-51)	40	44	40	74	0	32	54" DIA	HUDSON RIVER
17	NR-105	W 17TH STREET	40	44	41	74	0	31	24" SQUARE	HUDSON RIVER
18	NR-023	W 18TH STREET (REG # 50)	40	44	45	74	0	34	5' 0" X 4' 6"	HUDSON RIVER
19	NR-507	W 18TH STREET	40	44	45	74	0	34	6" DIA	HUDSON RIVER
20	NR-508	50' N/O W 18TH STREET	40	44	45	74	0	34	6" DIA	HUDSON RIVER
21	NR-509	100' N/O W 18TH STREET	40	44	46	74	0	34	6" DIA	HUDSON RIVER
22	NR-510	150' N/O W 18TH STREET	40	44	46	74	0	34	6" DIA	HUDSON RIVER
23	NR-511	250' N/O W 18TH STREET	40	44	47	74	0	34	6" DIA	HUDSON RIVER
24	NR-512	50' S/O W 19TH STREET	40	44	47	74	0	34	6" DIA	HUDSON RIVER
25	NR-513	W 19TH STREET	40	44	47	74	0	33	6" DIA	HUDSON RIVER
26	NR-514	50' N/O W 19TH STREET	40	44	48	74	0	33	6" DIA	HUDSON RIVER
27	NR-024	W 21ST STREET (REG # N-48, N-49)	40	44	52	74	0	33	48" DIA	HUDSON RIVER
28	NR-503	300' S/O W 23RD STREET	40	44	57	74	0	36	4" DIA PVC	HUDSON RIVER
29	NR-181	250' S/O W 23RD STREET	40	44	57	74	0	36	4' 0" X 7' 0"	HUDSON RIVER
30	NR-182	100' S/O W 23RD STREET	40	44	58	74	0	35	4' 0" X 7' 0"	HUDSON RIVER
31	NR-025	W 24TH STREET (REG # N-47)	40	44	59	74	0	35	6' 6" X 5' 6"	HUDSON RIVER
32	NR-515	W 24TH STREET	40	44	59	74	0	35	4" DIA	HUDSON RIVER
33	NR-516	50' S/O W 24TH STREET	40	45	1	74	0	33	4" DIA	HUDSON RIVER
34	NR-106	W 25TH STREET	40	45	4	74	0	32	4" DIA	HUDSON RIVER
35	NR-107	W 25TH STREET	40	45	4	74	0	32	4" DIA	HUDSON RIVER
36	NR-0109631	W 26TH STREET (TRANSIT MIX)	40	45	7	74	0	31	36" DIA	HUDSON RIVER
37	NR-026	W 26TH STREET (REG# N-46)	40	45	7	74	0	31	6' 3" X 5' 7"	HUDSON RIVER
38	NR-108	W 30TH STREET	40	45	17	74	0	26	48" DIA	HUDSON RIVER
39	NR-027	W 30TH STREET (REG # N-45)	40	45	17	74	0	26	DBL 3' 0" X 4' 0"	HUDSON RIVER
40	NR-109	W 33RD STREET	40	45	24	74	0	22	2' 8" X 5' 6"	HUDSON RIVER
41	NR-052	W 34TH STREET (REG # N-44)	40	45	26	74	0	20	4' 9" X 4' 6"	HUDSON RIVER
42	NR-028	W 36TH STREET (REG # N-43)	40	45	30	74	0	17	48" DIA	HUDSON RIVER
43	NR-159	W 37TH STREET	40	45	32	74	0	15	4' 0" X 4' 0"	HUDSON RIVER
44	NR-160	20' N/O W 39TH STREET	40	45	38	74	0	11	12" DIA	HUDSON RIVER
45	NR-161	25' N/O W 39TH STREET	40	45	38	74	0	11	15" DIA	HUDSON RIVER
46	NR-029	W 40TH STREET (REG # N-42)	40	45	40	74	0	10	30" DIA	HUDSON RIVER
47	NR-517	15' N/O W 40TH STREET	40	45	40	74	0	10	4" DIA	HUDSON RIVER
48	NR-818	30' N/O W 40TH STREET	40	45	40	74	0	10	10" DIA	HUDSON RIVER
49	NR-819	80' N/O W 40TH STREET	40	45	41	74	0	9	10" DIA	HUDSON RIVER
50	NR-820	W 41ST STREET	40	45	42	74	0	8	10" DIA	HUDSON RIVER
51	NR-821	20' N/O W 41ST STREET	40	45	42	74	0	8	10" DIA	HUDSON RIVER

NORTH RIVER

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	NR-048	W 42ND STREET (REG # N-40 & N-41)	40	45	44	74	0	6	DBL 8' 0" X 2' 0"	HUDSON RIVER
53	NR-030	W 43RD STREET (REG # N-39 & N-40)	40	45	47	74	0	5	54" DIA	HUDSON RIVER
54	NR-031	W 44TH STREET (REG # N-38)	40	45	48	73	59	60	54" DIA	HUDSON RIVER
55	NR-032	W 46TH STREET (REG # N-36 & N-37)	40	45	52	73	59	56	48" DIA	HUDSON RIVER
56	NR-518	30' N/O W 46TH STREET	40	45	52	73	59	56	8" DIA	HUDSON RIVER
57	NR-047	W 47TH STREET	40	45	54	73	59	55	2' 8" X 4' 0"	HUDSON RIVER
58	NR-822	NORTH SIDE OF PIER AT 48TH STREET	40	45	55	73	59	54	4" DIA	HUDSON RIVER
59	NR-033	W 48TH STREET (REG # N-34, N-33)	40	45	57	73	59	53	2' 8" X 4' 0"	HUDSON RIVER
60	NR-051	W 49TH STREET (CSO)	40	45	59	73	59	52	DBL 12' 0" X 6' 0"	HUDSON RIVER
61	NR-034	W 50TH STREET (REG # N-32)	40	46	1	73	59	50	48" DIA	HUDSON RIVER
62	NR-163	W 51ST STREET	40	46	3	73	59	49	12" DIA	HUDSON RIVER
63	NR-312	50' S/O W 53RD STREET	40	46	8	73	59	49	18" DIA	HUDSON RIVER
64	NR-164	W 53RD STREET	40	46	9	73	59	49	18" DIA	HUDSON RIVER
65	NR-519	20' N/O W 53RD STREET	40	46	9	73	59	49	4" DIA	HUDSON RIVER
66	NR-829	W 54TH STREET	40	46	11	73	59	47	48" DIA	HUDSON RIVER
67	NR-166	5' N/O W 54TH STREET	40	46	11	73	59	47	18" DIA	HUDSON RIVER
68	NR-823	100' N/O W 54TH STREET	40	46	12	73	59	46	6" DIA	HUDSON RIVER
69	NR-035	W 56TH STREET (REG # N-31)	40	46	16	73	59	43	54" DIA	HUDSON RIVER
70	NR-036	W 59TH STREET (REG # N-30)	40	46	23	73	59	38	48" DIA	HUDSON RIVER
71	NR-167	W 61ST STREET	40	46	27	73	59	36	12" DIA	HUDSON RIVER
72	NR-520	W 65TH STREET	40	46	36	73	59	30	4" DIA	HUDSON RIVER
73	NR-046	W 66TH STREET (REG # N-29A)	40	46	39	73	59	28	5' 6" X 5' 0"	HUDSON RIVER
74	NR-037	W 72ND STREET (REG # N-29)	40	46	52	73	59	18	DBL 3' 0" X 4' 0"	HUDSON RIVER
75	NR-801	N/O W 77TH STREET	40	47	5	73	59	9	8" DIA	HUDSON RIVER
76	NR-038	W 80TH STREET (REG # N-28)	40	47	12	73	59	5	10' 6" X 6' 0"	HUDSON RIVER
77	NR-802	N/O W 80TH STREET	40	47	12	73	59	4	4" DIA	HUDSON RIVER
78	NR-110	S/O W 81ST STREET	40	47	13	73	59	4	12" DIA	HUDSON RIVER
79	NR-111	W 86TH STREET	40	47	26	73	58	55	10" DIA	HUDSON RIVER
80	NR-112	W 87TH STREET	40	47	28	73	58	53	10" DIA	HUDSON RIVER
81	NR-521	W 88TH STREET	40	47	31	73	58	52	6" DIA	HUDSON RIVER
82	NR-114	W 89TH STREET	40	47	33	73	58	50	10" DIA	HUDSON RIVER
83	NR-522	N/O W 90TH STREET	40	47	35	73	58	48	8" DIA	HUDSON RIVER
84	NR-313	200' S/O W 91ST STREET	40	47	35	73	58	48	12" DIA	HUDSON RIVER
85	NR-523	100' S/O W 91ST STREET	40	47	36	73	58	47	8" DIA	HUDSON RIVER
86	NR-039	W 91ST STREET (REG # N-27)	40	47	37	73	58	47	5' 5" X 4' 0"	HUDSON RIVER
87	NR-524	10' N/O W 91ST STREET	40	47	37	73	58	47	6" DIA	HUDSON RIVER
88	NR-525	200' N/O W 91ST STREET	40	47	38	73	58	46	8" DIA	HUDSON RIVER
89	NR-118	N/O W 92ND STREET	40	47	40	73	58	45	12" DIA	HUDSON RIVER
90	NR-526	W 93RD STREET	40	47	41	73	58	44	4" DIA	HUDSON RIVER
91	NR-527	W 93RD STREET	40	47	41	73	58	44	4" DIA	HUDSON RIVER
92	NR-528	W 93RD STREET	40	47	41	73	58	44	4" DIA	HUDSON RIVER
93	NR-120	W 94TH STREET	40	47	44	73	58	42	12" DIA	HUDSON RIVER
94	NR-121	100' N/O W 94TH STREET	40	47	45	73	58	41	10" DIA	HUDSON RIVER
95	NR-122	W 95TH STREET	40	47	46	73	58	40	10" DIA	HUDSON RIVER
96	NR-040	W 96TH STREET (REG # N-26, 26A)	40	47	49	73	58	38	10' X 6'	HUDSON RIVER
97	NR-123	S/O W 102ND STREET	40	48	2	73	58	29	10" DIA	HUDSON RIVER
98	NR-124	W 103RD STREET	40	48	4	73	58	28	10" DIA	HUDSON RIVER
99	NR-041	W 108TH STREET (REG # N-25)	40	48	16	73	58	19	4' 0" X 4' 0"	HUDSON RIVER
100	NR-529	W 109TH STREET	40	48	19	73	58	17	8" DIA	HUDSON RIVER
101	NR-126	N/O W 109TH STREET	40	48	19	73	58	17	18" DIA	HUDSON RIVER
102	NR-803	100' N/O W 109TH STREET	40	48	20	73	58	17	4" DIA	HUDSON RIVER

NORTH RIVER

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	NR-804	150' N/O W 109TH STREET	40	48	21	73	58	16	4" DIA	HUDSON RIVER
104	NR-805	S/O W 112TH STREET	40	48	25	73	58	13	4" DIA	HUDSON RIVER
105	NR-806	25' N/O W 112TH STREET	40	48	26	73	58	12	4" DIA	HUDSON RIVER
106	NR-127	S/O W 114TH STREET	40	48	30	73	58	9	24" DIA	HUDSON RIVER
107	NR-128	N/O W 114TH STREET	40	48	31	73	58	8	18" DIA	HUDSON RIVER
108	NR-042	W 115TH STREET (REG # N-24)	40	48	32	73	58	7	4' 6" X 4' 0"	HUDSON RIVER
109	NR-129	W 116TH STREET	40	48	34	73	58	6	18" DIA	HUDSON RIVER
110	NR-130	S/O W 119TH STREET	40	48	41	73	58	2	18" DIA	HUDSON RIVER
111	NR-807	N/O W 122ND STREET	40	48	49	73	57	56	4" DIA	HUDSON RIVER
112	NR-830	W 123RD STREET	40	48	51	73	57	55	6' 0" X 4' 0"	HUDSON RIVER
113	NR-131	N/O LASALLE STREET	40	48	56	73	57	52	18" DIA	HUDSON RIVER
114	NR-317	150' N/O LASALLE STREET	40	48	57	73	57	51	12" DIA	HUDSON RIVER
115	NR-132	400' N/O LASALLE STREET	40	48	60	73	57	48	12" DIA	HUDSON RIVER
116	NR-133	S/O TIEMANN PLACE	40	49	0	73	57	48	12" DIA	HUDSON RIVER
117	NR-530	N/O TIEMANN PLACE	40	49	1	73	57	47	8" DIA	HUDSON RIVER
118	NR-135	250' N/O TIEMANN PLACE	40	49	3	73	57	45	12" DIA	HUDSON RIVER
119	NR-824	250' N/O TIEMANN PLACE	40	49	3	73	57	45	12" DIA	HUDSON RIVER
120	NR-043	SAINT CLAIRS PLACE (REG # N-23)	40	49	5	73	57	43	DBL 8' 8" X 7' 6"	HUDSON RIVER
121	NR-808	150' N/O SAINT CLAIRS PLACE	40	49	6	73	57	42	12" DIA	HUDSON RIVER
122	NR-136	50' S/O W 130TH STREET	40	49	7	73	57	42	18" DIA	HUDSON RIVER
123	NR-185	50' N/O W 130TH STREET	40	49	7	73	57	41	18" SQUARE	HUDSON RIVER
124	NR-186	100' S/O W 131ST STREET	40	49	8	73	57	41	18" SQUARE	HUDSON RIVER
125	NR-187	75' S/O W 131ST STREET	40	49	8	73	57	40	18" SQUARE	HUDSON RIVER
126	NR-188	50' S/O W 131ST STREET	40	49	9	73	57	40	10" DIA	HUDSON RIVER
127	NR-189	W 131ST STREET	40	49	9	73	57	40	18" DIA	HUDSON RIVER
128	NR-190	50' N/O W 131ST STREET	40	49	10	73	57	39	18" DIA	HUDSON RIVER
129	NR-191	50' S/O W 132ND STREET	40	49	11	73	57	38	18" SQUARE	HUDSON RIVER
130	NR-137	W 132ND STREET	40	49	11	73	57	38	18" SQUARE	HUDSON RIVER
131	NR-138	50' N/O W 132ND STREET	40	49	12	73	57	37	18" SQUARE	HUDSON RIVER
132	NR-139	50' S/O W 133RD STREET	40	49	13	73	57	36	18" SQUARE	HUDSON RIVER
133	NR-140	W 133RD STREET	40	49	13	73	57	35	18" SQUARE	HUDSON RIVER
134	NR-192	W 136TH STREET	40	49	20	73	57	30	18" DIA	HUDSON RIVER
135	NR-044	W 138TH STREET (REG # N-22)	40	49	27	73	57	33	42" DIA	HUDSON RIVER
136	NR-201	85' N/O SOUTH END OF NORTH RIVER W.P.C.P.	40	49	27	73	57	33	24" DIA	HUDSON RIVER
137	NR-202	160' N/O SOUTH END OF NORTH RIVER W.P.C.P.	40	49	28	73	57	32	24" DIA	HUDSON RIVER
138	NR-203	250' N/O SOUTH END OF NORTH RIVER W.P.C.P.	40	49	30	73	57	31	24" DIA	HUDSON RIVER
139	NR-001	NORTH RIVER W.P.C.P. OUTFALL	40	49	31	73	57	30	96" DIA	HUDSON RIVER
140	NR-056	W 142ND STREET (REG # N-22A)	40	49	35	73	57	28	60" DIA	HUDSON RIVER
141	NR-204	800' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	36	73	57	28	4" DIA	HUDSON RIVER
142	NR-205	775' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	36	73	57	27	4" DIA	HUDSON RIVER
143	NR-206	750' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	36	73	57	27	4" DIA	HUDSON RIVER
144	NR-207	725' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	36	73	57	27	4" DIA	HUDSON RIVER
145	NR-208	700' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	36	73	57	27	4" DIA	HUDSON RIVER
146	NR-209	625' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	37	73	57	27	4" DIA	HUDSON RIVER
147	NR-210	600' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	37	73	57	27	4" DIA	HUDSON RIVER
148	NR-211	575' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	37	73	57	26	6" DIA	HUDSON RIVER
149	NR-212	550' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	37	73	57	26	4" DIA	HUDSON RIVER
150	NR-213	525' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	37	73	57	26	4" DIA	HUDSON RIVER
151	NR-214	500' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	38	73	57	26	4" DIA	HUDSON RIVER
152	NR-215	500' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	38	73	57	26	6" DIA	HUDSON RIVER
153	NR-216	400' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	38	73	57	25	24" DIA	HUDSON RIVER

NORTH RIVER

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	NR-217	350' S/O NORTH END OF NORTH RIVER W.P.C.P.	40	49	38	73	57	24	24" DIA	HUDSON RIVER
155	NR-826	W 145TH STREET	40	49	40	73	57	16	36" DIA	HUDSON RIVER
156	NR-002	W 152ND STREET (REG # N-20, 21, 21A, 21B)	40	49	57	73	57	5	60" DIA	HUDSON RIVER
157	NR-301	W 152ND STREET	40	49	57	73	57	5	12" DIA	HUDSON RIVER
158	NR-302	50' S/O W 158TH STREET	40	50	12	73	56	58	12" DIA	HUDSON RIVER
159	NR-003	W 158TH STREET (REG # N-19)	40	50	12	73	56	57	48" DIA	HUDSON RIVER
160	NR-004	W 171ST STREET (REG # N-18)	40	50	44	73	56	46	10' 6" X 6' 0"	HUDSON RIVER
161	NR-141	W 171ST STREET	40	50	44	73	56	46	36" DIA	HUDSON RIVER
162	NR-814	GEORGE WASHINGTON BRIDGE (NORTH)	40	51	2	73	56	49	8" DIA	HUDSON RIVER
163	NR-531	GEORGE WASHINGTON BRIDGE (NORTH)	40	51	2	73	56	49	8" DIA	HUDSON RIVER
164	NR-005	W 190TH STREET (REG # N-17)	40	51	29	73	56	21	16" DIA	HUDSON RIVER
165	NR-532	300' S/O DYCKMAN STREET	40	52	7	73	55	56	8" DIA	HUDSON RIVER
166	NR-533	200' S/O DYCKMAN STREET	40	52	8	73	55	56	3" DIA	HUDSON RIVER
167	NR-006	DYCKMAN STREET (REG # N-16)	40	52	10	73	55	56	DBL 7' 0" X 5' 0"	HUDSON RIVER
168	NR-534	W 211TH STREET	40	52	19	73	55	53	6" DIA	HUDSON RIVER
169	NR-535	HENRY HUDSON PARKWAY BRIDGE (WEST SIDE)	40	52	38	73	55	24	4" DIA	HARLEM RIVER
170	NR-536	HENRY HUDSON PARKWAY BRIDGE (WEST SIDE)	40	52	38	73	55	24	4" DIA	HARLEM RIVER
171	NR-537	HENRY HUDSON PARKWAY BRIDGE	40	52	38	73	55	23	4" DIA	HARLEM RIVER
172	NR-538	HENRY HUDSON PARKWAY BRIDGE (EAST SIDE)	40	52	37	73	55	22	4" DIA	HARLEM RIVER
173	NR-539	HENRY HUDSON PARKWAY BRIDGE (EAST SIDE)	40	52	37	73	55	22	4" DIA	HARLEM RIVER
174	NR-540	W 215TH STREET	40	52	23	73	55	13	6" DIA	INWOOD PARK COVE
175	NR-541	25' E/O W 215TH STREET	40	52	23	73	55	13	6" DIA	INWOOD PARK COVE
176	NR-542	SE CORNER OF PARK HOUSE	40	52	26	73	55	12	4" DIA	INWOOD PARK COVE
177	NR-543	SW CORNER OF PARK HOUSE	40	52	27	73	55	14	4" DIA	INWOOD PARK COVE
178	NR-815	W 214TH STREET	40	52	31	73	55	13	18" SQUARE	HARLEM RIVER
179	NR-544	OPPOSITE W 214TH STREET	40	52	27	73	55	9	8" DIA	HARLEM RIVER
180	NR-545	150' S/O W 218TH STREET (REG # N-15)	40	52	23	73	55	7	8" DIA	HARLEM RIVER
181	NR-007	W 218TH STREET (REG # N-15)	40	52	24	73	55	9	4' 0" X 2' 4"	HARLEM RIVER
182	NR-546	70' S/O INDIAN ROAD	40	52	25	73	55	6	8" DIA	HARLEM RIVER
183	NR-547	50' W/O INDIAN ROAD	40	52	25	73	55	6	4" DIA	HARLEM RIVER
184	NR-548	30' W/O INDIAN ROAD	40	52	26	73	55	6	4" DIA	HARLEM RIVER
185	NR-549	INDIAN ROAD (EAST)	40	52	26	73	55	5	8" DIA	HARLEM RIVER
186	NR-550	25' E/O INDIAN ROAD (EAST)	40	52	26	73	55	5	8" DIA	HARLEM RIVER
187	NR-147	50' E/O INDIAN ROAD (EAST)	40	52	26	73	55	4	36" DIA	HARLEM RIVER
188	NR-148	200' W/O PARK TERRACE W.	40	52	28	73	54	56	18" DIA	HARLEM RIVER
189	NR-149	UNDER 10TH AVENUE BRIDGE	40	52	24	73	54	42	12" DIA	HARLEM RIVER
190	NR-551	9TH AVENUE	40	52	20	73	54	38	6" DIA	HARLEM RIVER
191	NR-552	S/O 9TH AVENUE	40	52	19	73	54	38	4" DIA	HARLEM RIVER
192	NR-504	W 217TH STREET	40	52	10	73	54	41	5' 0" X 4' 0"	HARLEM RIVER
193	NR-008	W 216TH STREET (REG # N-14)	40	52	8	73	54	41	4' 0" X 5" 0"	HARLEM RIVER
194	NR-816	S/O W 216TH STREET	40	52	8	73	54	41	10" DIA	HARLEM RIVER
195	NR-817	N/O W 215TH STREET	40	52	5	73	54	42	12" DIA	HARLEM RIVER
196	NR-009	W 215TH STREET (REG # N-13)	40	52	5	73	54	42	2' 4" X 3' 6"	HARLEM RIVER
197	NR-505	S/O W 214TH STREET	40	52	3	73	54	43	2' X 3' 6" EGG	HARLEM RIVER
198	NR-506	S/O W 213TH STREET	40	52	1	73	54	45	3' X 4' 6" EGG	HARLEM RIVER
199	NR-010	W 211TH STREET (REG # N-10, N-11, N-12)	40	51	56	73	54	48	4' 1" X 4' 6"	HARLEM RIVER
200	NR-011	W 209TH STREET (REG # N-9)	40	51	52	73	54	54	3' 0" X 4' 0"	HARLEM RIVER
201	NR-055	W 207TH STREET (NORTH SIDE) (REG # N-8)	40	51	47	73	54	56	36" DIA	HARLEM RIVER
202	NR-012	W 207TH STREET (SOUTH SIDE) (REG # N-7)	40	51	47	73	54	56	36" DIA	HARLEM RIVER
203	NR-013	W 206TH STREET (REG # N-6)	40	51	45	73	54	58	2' 4" X 3' 6"	HARLEM RIVER
204	NR-553	N/O W 205TH STREET	40	51	43	73	55	0	8" DIA	HARLEM RIVER

NORTH RIVER

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	NR-014	W 205TH STREET (REG # N-5)	40	51	43	73	55	1	48" DIA	HARLEM RIVER
206	NR-554	S/O W 205TH STREET	40	51	43	73	55	2	6" DIA	HARLEM RIVER
207	NR-016	W 203RD STREET (REG # N-4)	40	51	39	73	55	4	2' 4" X 3' 6"	HARLEM RIVER
208	NR-017	W 201ST STREET (REG # N-3)	40	51	34	73	55	8	4' 0" X 6' 0"	HARLEM RIVER
209	NR-045	ACADEMY STREET (REG # N-2)	40	51	33	73	55	14	DBL 7' 0" X 6' 0"	HARLEM RIVER
210	NR-018	HIGHBRIDGE PARK (REG # N-1)	40	51	25	73	55	19	48" DIA	HARLEM RIVER
211	NR-153	HILLSIDE AVENUE	40	51	24	73	55	20	12" DIA	HARLEM RIVER
212	NR-827	N/O FAIRVIEW AVENUE	40	51	22	73	55	21	36" DIA	HARLEM RIVER
213	NR-154	W 193RD STREET	40	51	18	73	55	22	12" DIA	HARLEM RIVER
214	NR-155	W 192ND STREET	40	51	16	73	55	24	12" DIA	HARLEM RIVER
215	NR-555	S/O W 192ND STREET	40	51	16	73	55	24	6" DIA	HARLEM RIVER
216	NR-327	50' N/O W 191ST STREET	40	51	15	73	55	25	10" DIA	HARLEM RIVER
217	NR-556	15' N/O W 191ST STREET	40	51	14	73	55	25	8" DIA	HARLEM RIVER
218	NR-158	W 191ST STREET	40	51	13	73	55	26	12" DIA	HARLEM RIVER
219	NR-828	W 190TH STREET	40	51	11	73	55	28	36" DIA	HARLEM RIVER


NR-515
NR-025
NR-182
NR-181
NR-503
NR-024
NR-514
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LITTLE W 12 ST
GANSEVOORT ST
HORATIO ST
JANE ST
W 12 ST
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BANK ST
W 11 ST
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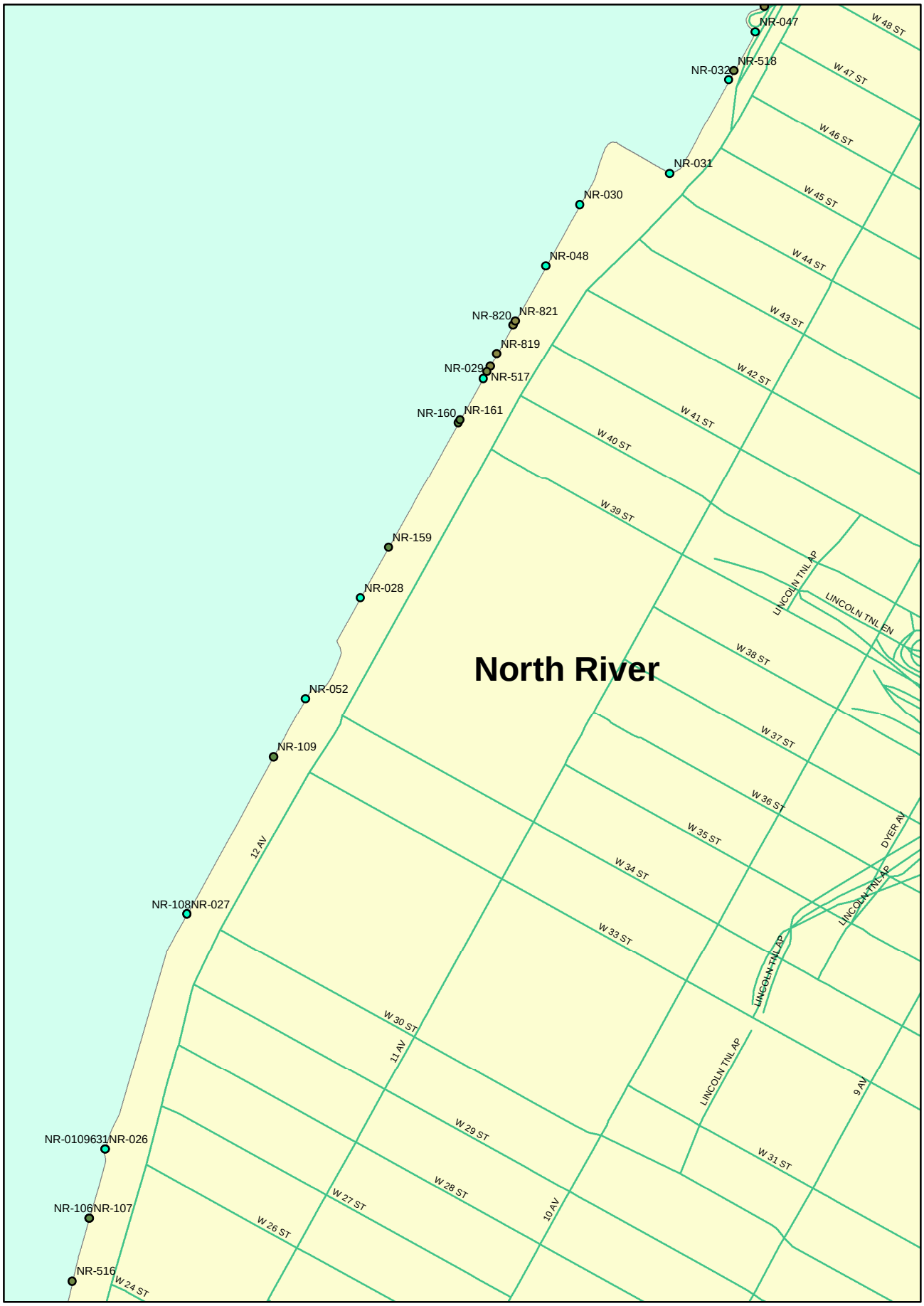
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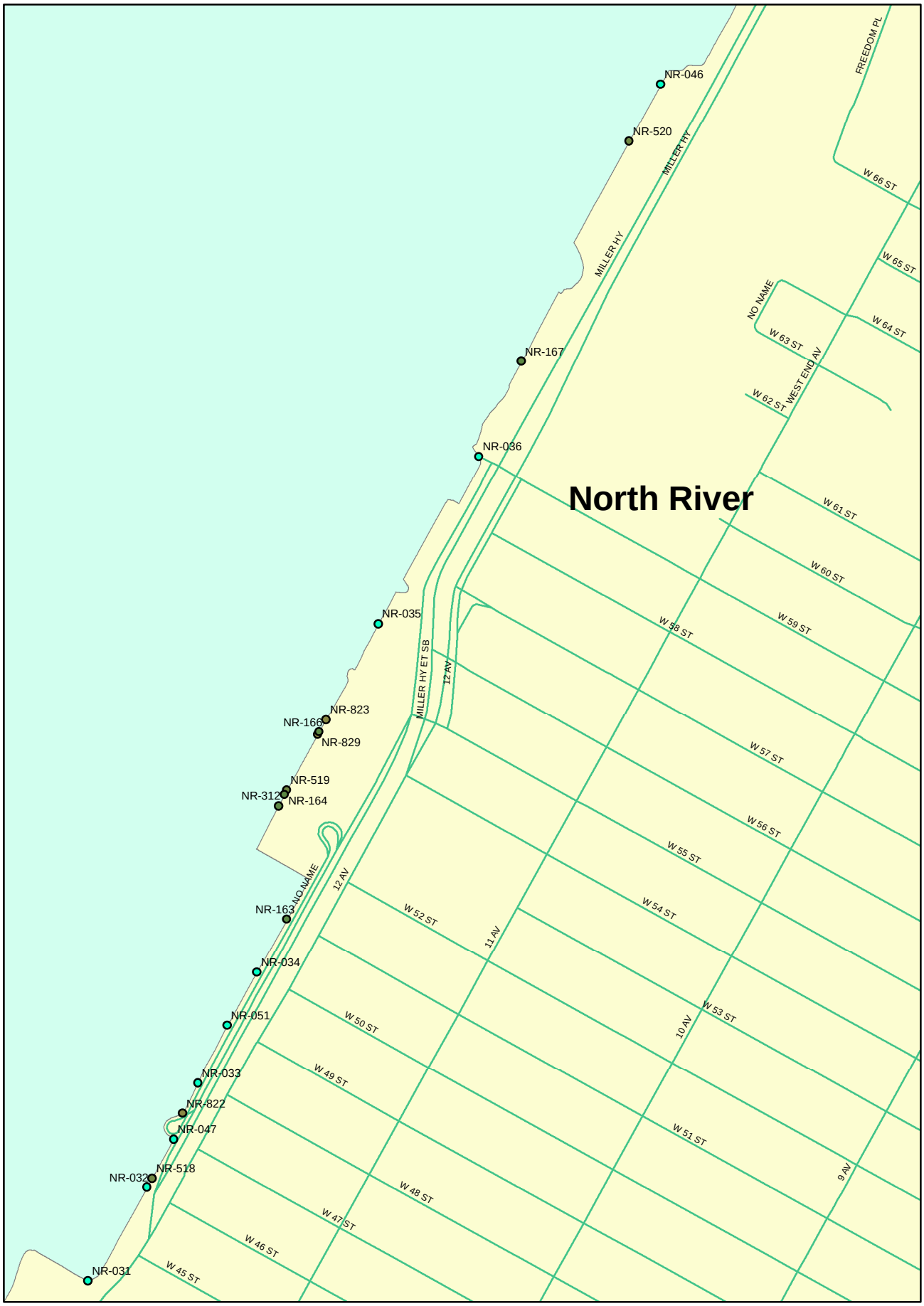
DYER AV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MILLER HY
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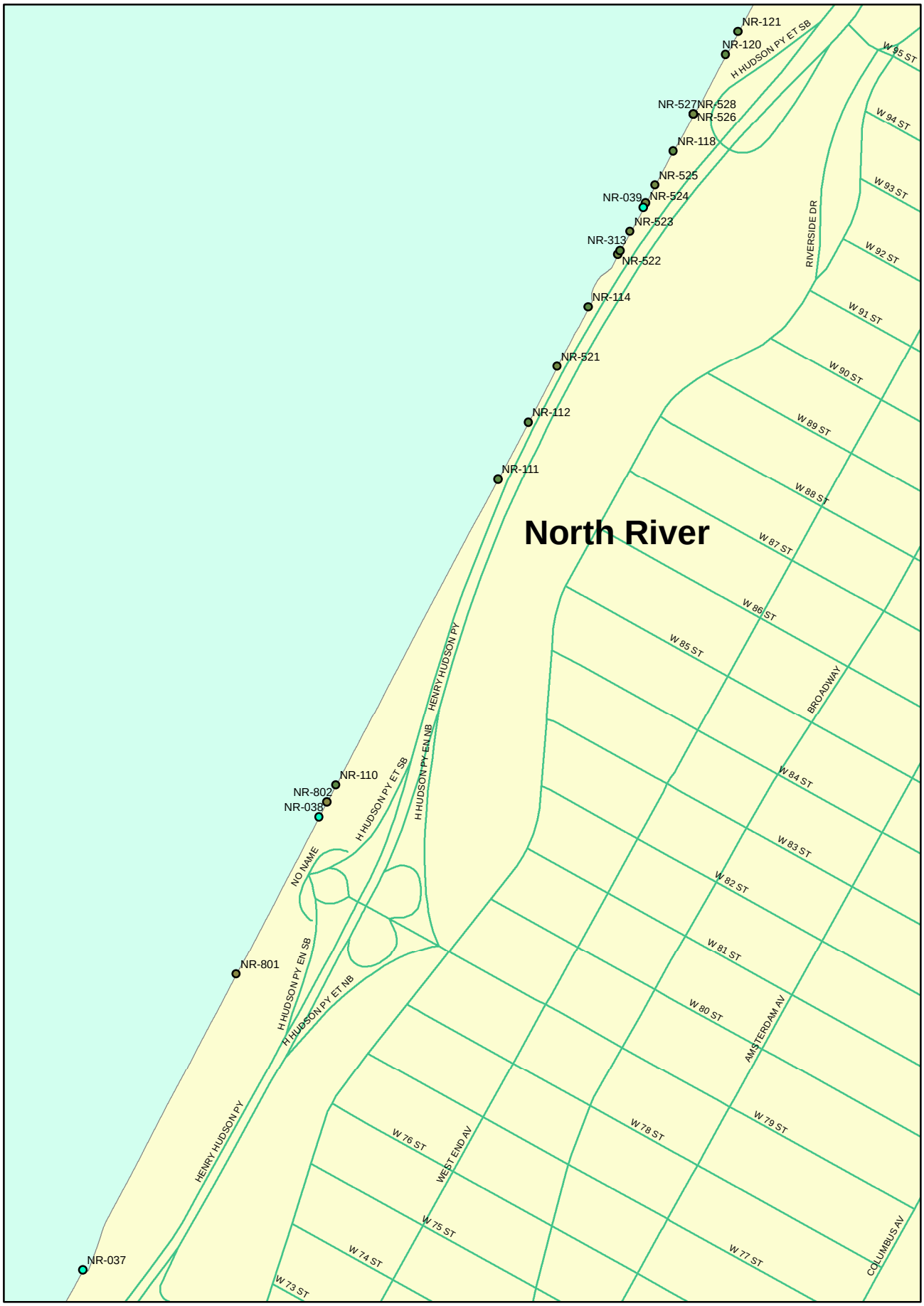
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NR-037
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H HUDSON PY EN SB
H HUDSON PY ET NB
H HUDSON PY EN NB
HENRY HUDSON PY
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BROADWAY
AMSTERDAM AV
WEST END AV
COLUMBUS AV
W 95 ST
W 94 ST
W 93 ST
W 92 ST
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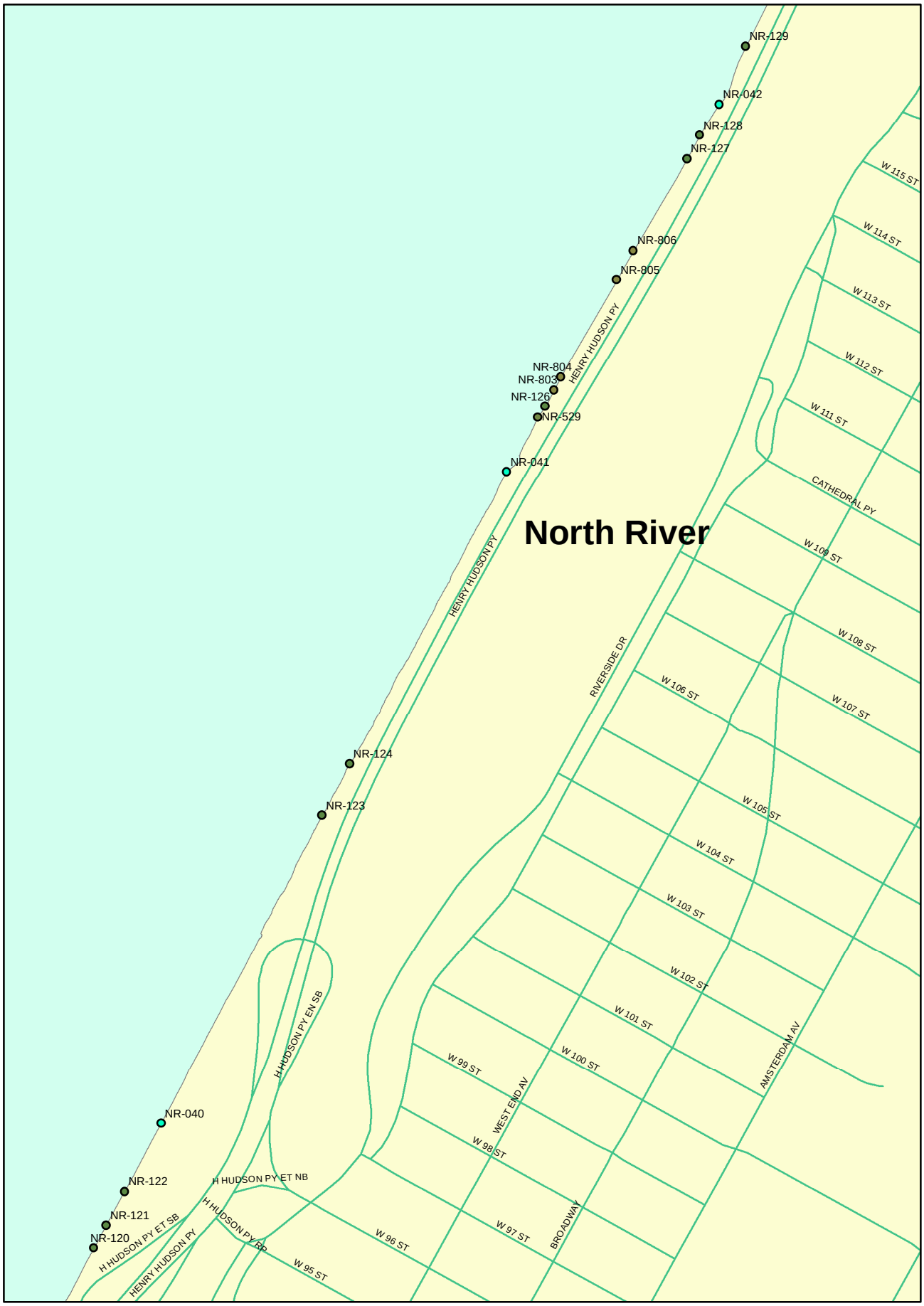
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NR-123
NR-040
NR-122
NR-121
NR-120
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H HUDSON PY EN SB
H HUDSON PY ET NB
H HUDSON PY ET SB
H HUDSON PY RP
RIVERSIDE DR
CATHEDRAL PY
WEST END AV
BROADWAY
AMSTERDAM AV
W 115 ST
W 114 ST
W 113 ST
W 112 ST
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W 109 ST
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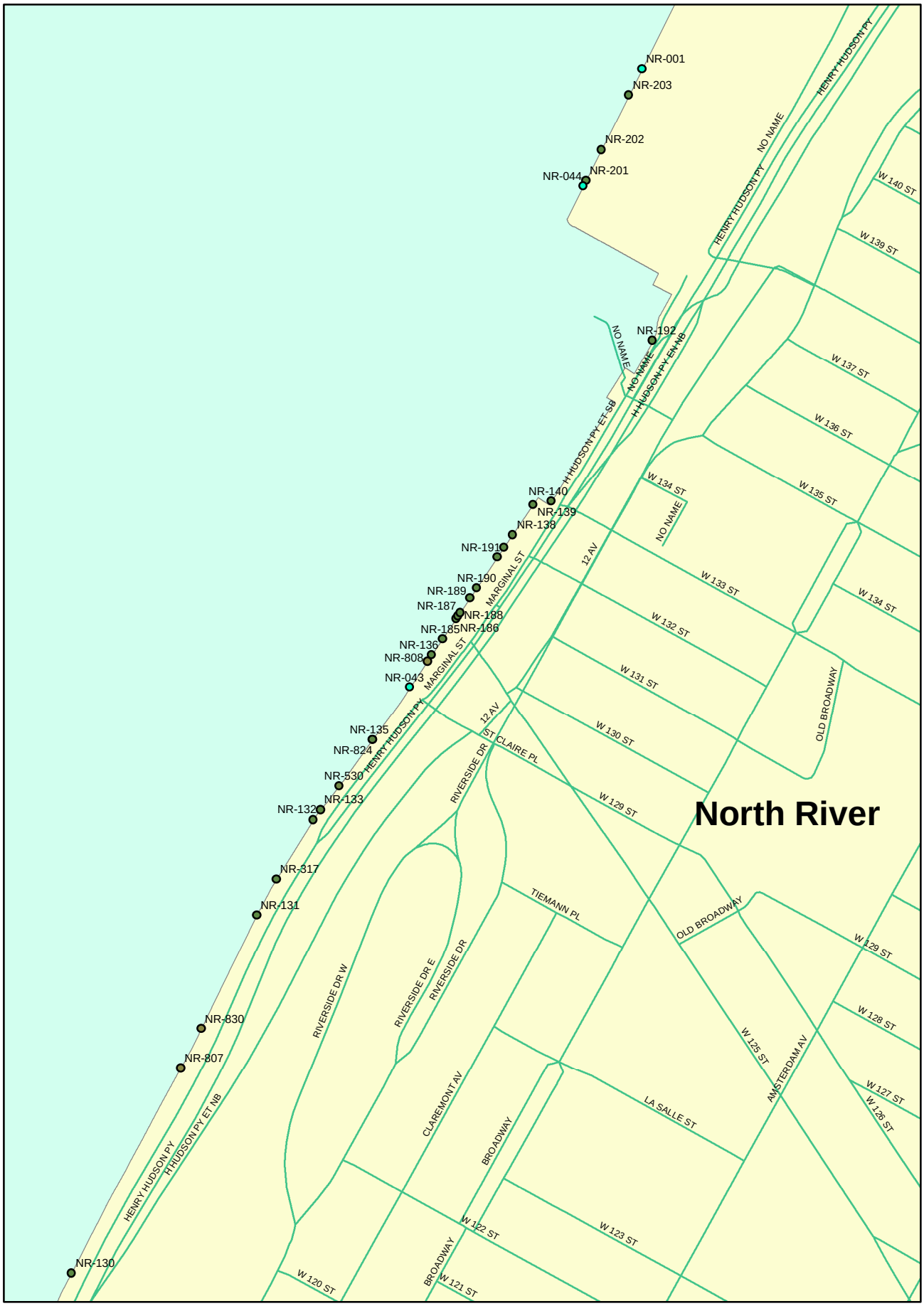
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NR-130
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H HUDSON PY ET SB
H HUDSON PY EN NB
H HUDSON PY ET NB
NO NAME
MARGINAL ST
12 AV
ST CLAIRE PL
RIVERSIDE DR
RIVERSIDE DR W
RIVERSIDE DR E
TIEMANN PL
OLD BROADWAY
CLAREMONT AV
BROADWAY
LA SALLE ST
AMSTERDAM AV
W 140 ST
W 139 ST
W 137 ST
W 136 ST
W 135 ST
W 134 ST
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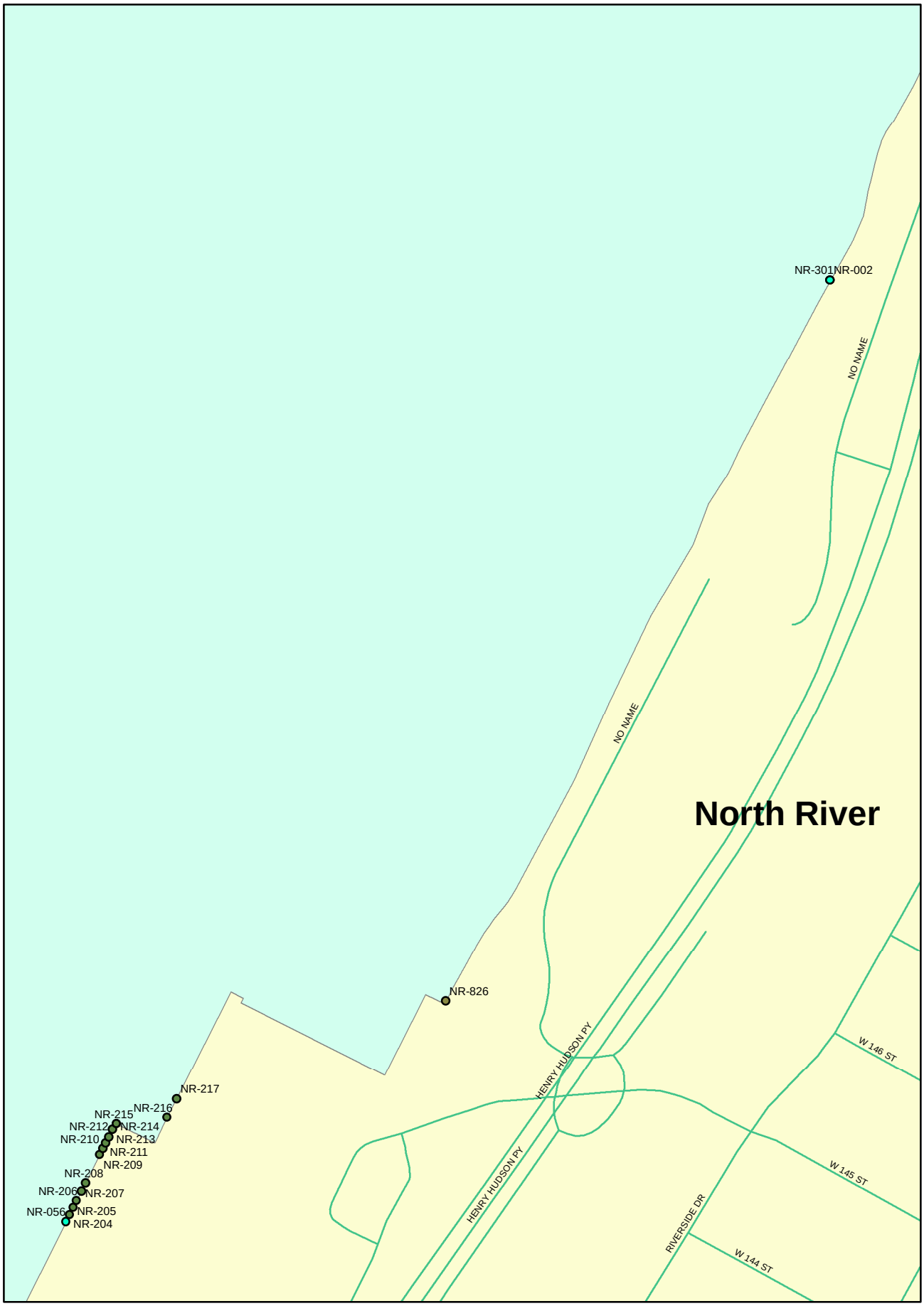
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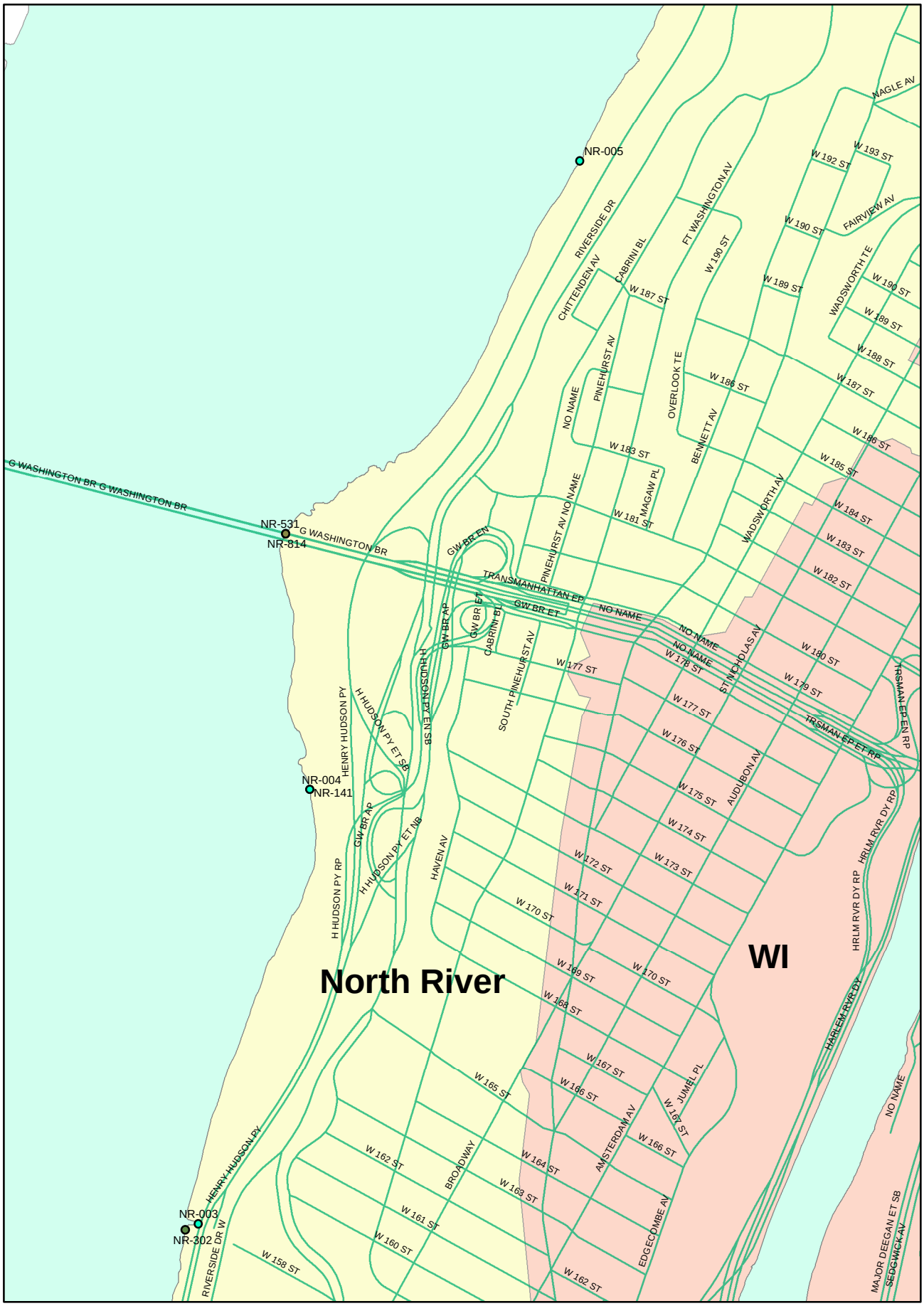
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G WASHINGTON BR
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GW BR ET
GW BR AP
H HUDSON PY ET SB
H HUDSON PY ET NB
H HUDSON PY RP
HENRY HUDSON PY
HENRY HUDSON PY
RIVERSIDE DR W
RIVERSIDE DR
CHITTENDEN AV
CABRINI BL
FT WASHINGTON AV
PINEHURST AV
NO NAME
OVERLOOK TE
BENNETT AV
MAGAW PL
WADSWORTH AV
WADSWORTH TE
FAIRVIEW AV
NAGLE AV
SOUTH PINEHURST AV
S NICHOLAS AV
AUDUBON AV
HAVEN AV
BROADWAY
AMSTERDAM AV
EDGECOMBE AV
JUMEL PL
HRLM RVR DY RP
HARLEM RVR DY
MAJOR DEEGAN ET SB
SEDGWICK AV
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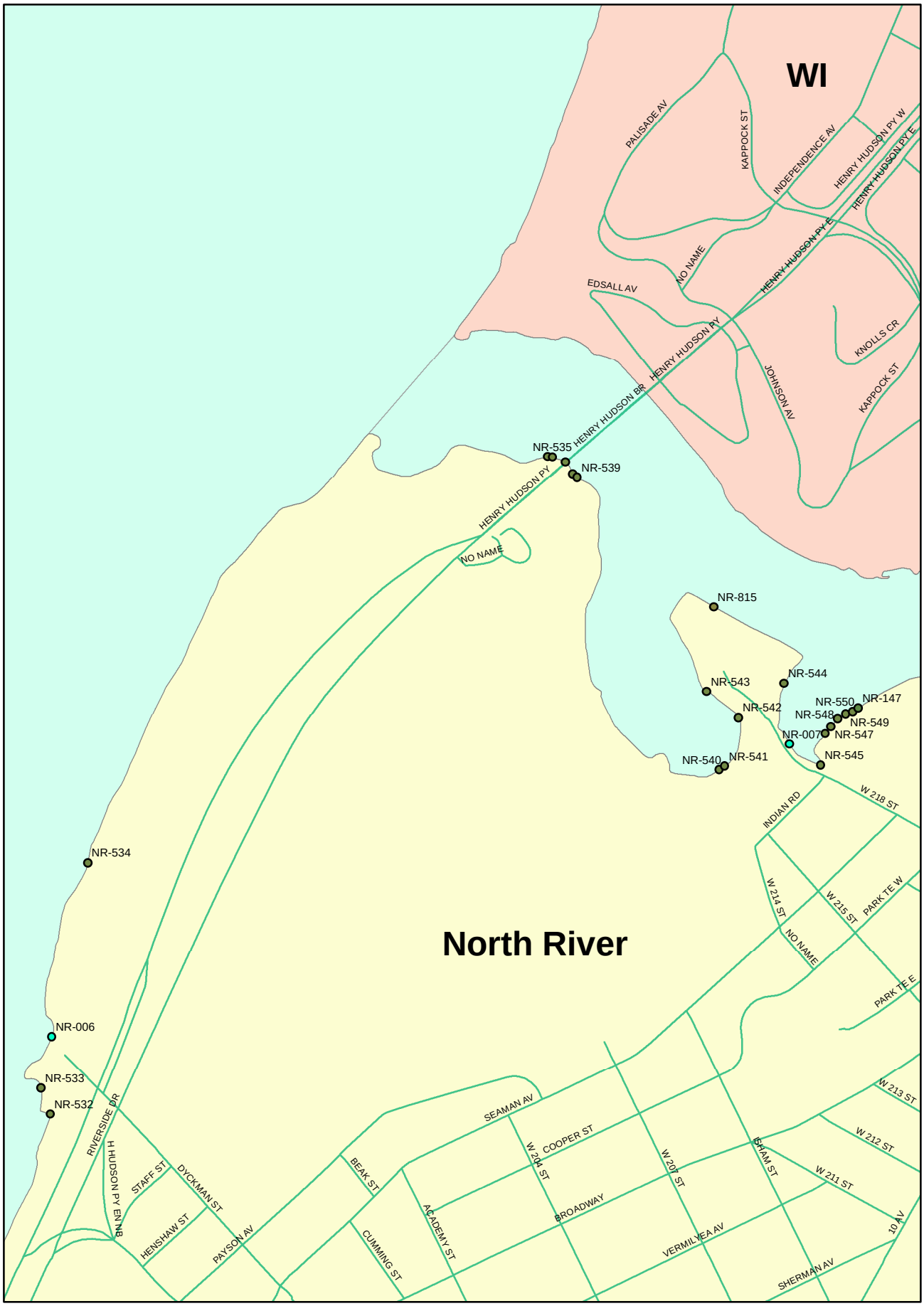
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HENRY HUDSON PY
HENRY HUDSON BR
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KNOLLS CR
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PAYSON AV
BEAK ST
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SEAMAN AV
COOPER ST
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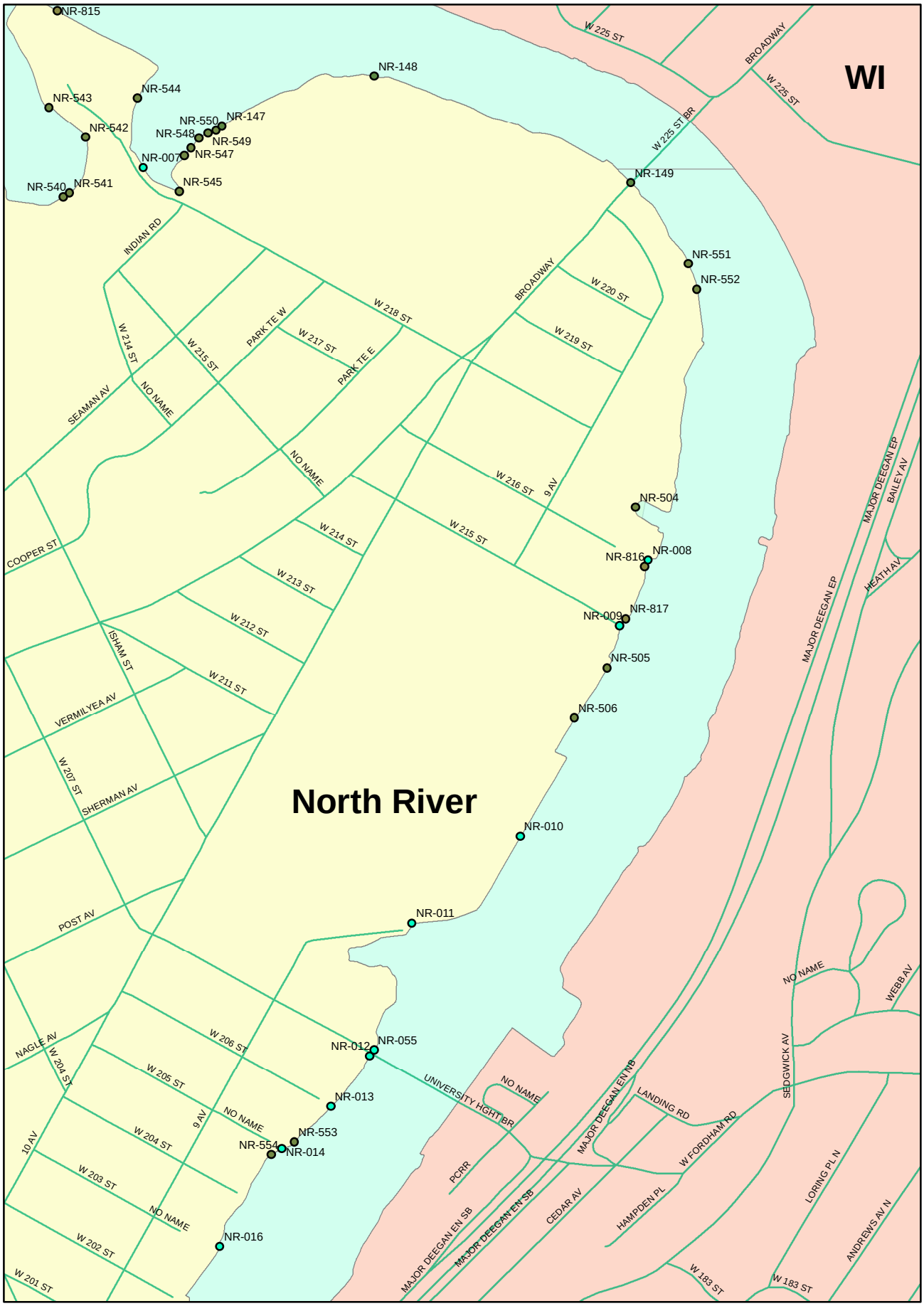
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NR-014
NR-016
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BROADWAY
W 225 ST BR
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W 219 ST
W 218 ST
W 217 ST
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PARK TE E
W 214 ST
W 215 ST
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SEAMAN AV
W 216 ST
9 AV
W 215 ST
W 214 ST
W 213 ST
W 212 ST
W 211 ST
COOPER ST
ISHAM ST
VERMILYEA AV
W 207 ST
SHERMAN AV
POST AV
NAGLE AV
W 204 ST
W 206 ST
W 205 ST
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W 203 ST
W 202 ST
W 201 ST
10 AV
UNIVERSITY HGHT BR
MAJOR DEEGAN EP
BAILEY AV
HEATH AV
WEBB AV
SEDGWICK AV
LANDING RD
W FORDHAM RD
LORING PL N
ANDREWS AV N
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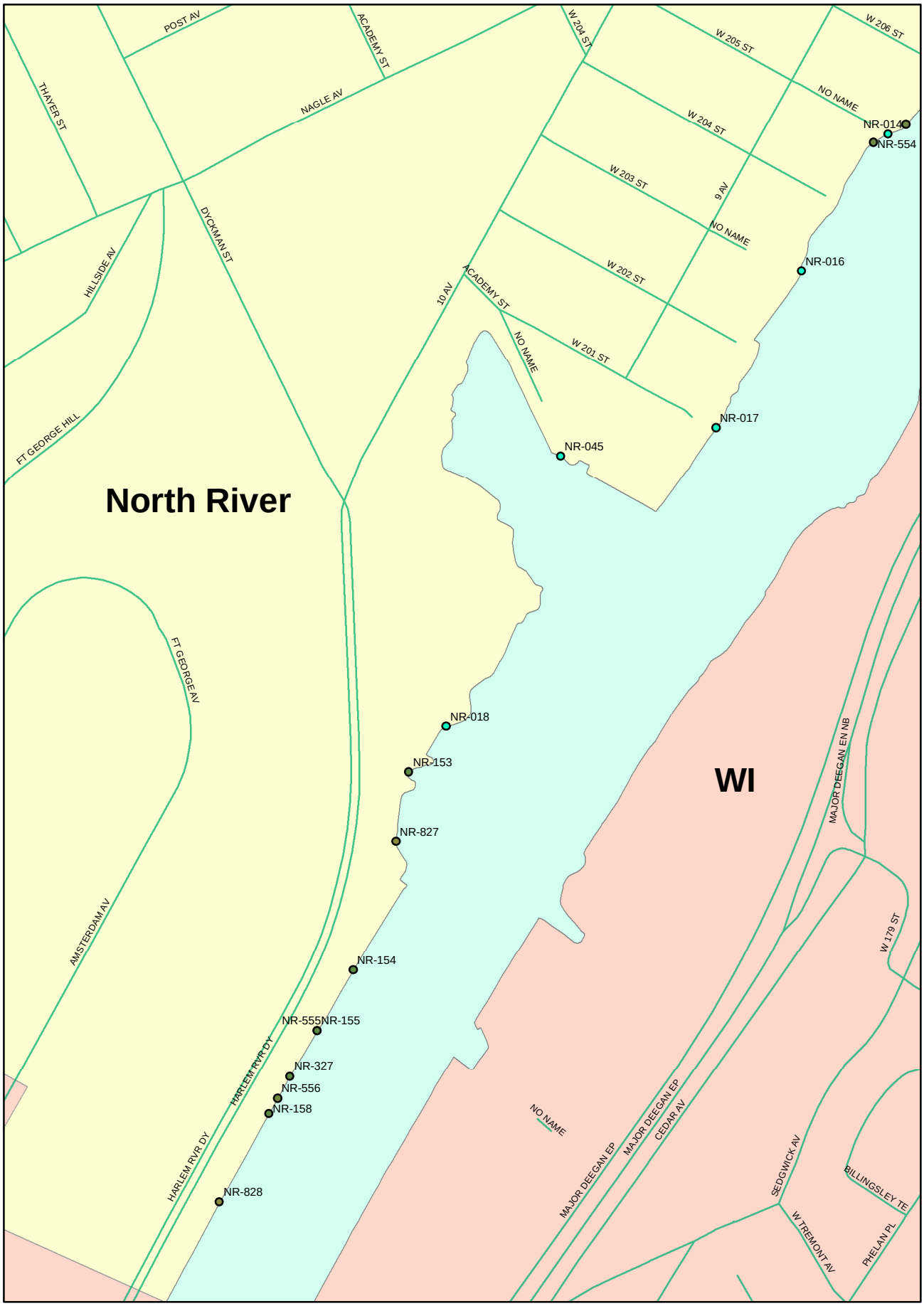
MAJOR DEEGAN EN SB
PCRR
CEDAR AV
HAMPDEN PL
W 183 ST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W 203 ST
9 AV
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HILLSIDE AV
W 202 ST
NR-016
10 AV
ACADEMY ST
NO NAME
W 201 ST
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FT GEORGE HILL
FT GEORGE AV
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AMSTERDAM AV
NR-154
NR-555NR-155
NR-327
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NR-158
HARLEM RVR DY
HARLEM RVR DY
NR-828
NO NAME
MAJOR DEEGAN EP
MAJOR DEEGAN EP
CEDAR AV
MAJOR DEEGAN EN NB
W 179 ST
SEDGWICK AV
BILLINGSLEY TE
W TREMONT AV
PHELAN PL

Outfall ID: NR-002
Location: W 152ND ST (REG # N-20, 21, 21A, 21B)
Latitude: 40° 49' 57"
Longitude: 73° 57' 5"
Outfall Size: 60" DIA
Receiving Water: HUDSON RIVER85

Outfall ID: NR-003
Location: W 158TH STREET (REG # N-19)
Latitude: 40° 50' 12"
Longitude: 73° 56' 57"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-004
Location: W 171ST STREET (REG # N-18)
Latitude: 40° 50' 44"
Longitude: 73° 56' 46"
Outfall Size: 10' 6" X 6' 0"
Receiving Water: HUDSON RIVER

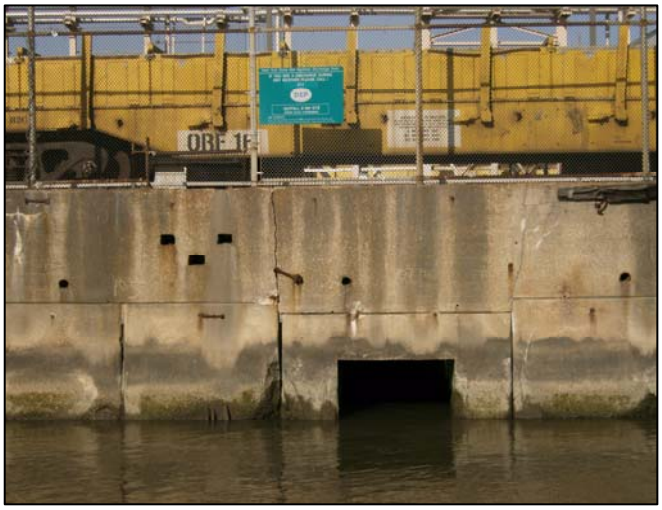
Outfall ID: NR-005
Location: W 190TH STREET (REG # N-17)
Latitude: 40° 51' 29"
Longitude: 73° 56' 21"
Outfall Size: 16" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-006
Location: DYCKMAN STREET (REG # N-16)
Latitude: 40° 52' 10"
Longitude: 73° 55' 56"
Outfall Size: DBL 7' 0" X 5' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-007
Location: W 218TH STREET (REG # N-15)
Latitude: 40° 52' 24"
Longitude: 73° 55' 9"
Outfall Size: 4' 0" X 2' 4"
Receiving Water: HARLEM RIVER

Outfall ID: NR-008
Location: W 216TH STREET (REG # N-14)
Latitude: 40° 52' 8"
Longitude: 73° 54' 41"
Outfall Size: 4' 0" X 5" 0"
Receiving Water: HARLEM RIVER

Outfall ID: NR-009
Location: W 215TH STREET (REG # N-13)
Latitude: 40° 52' 5"
Longitude: 73° 54' 42"
Outfall Size: 2' 4" X 3' 6"
Receiving Water: HARLEM RIVER



Outfall ID: NR-010
Location: W 211TH ST (REG # N-10, N-11, N-12)
Latitude: 40° 51' 56"
Longitude: 73° 54' 48"
Outfall Size: 4' 1" X 4' 6"
Receiving Water: HARLEM RIVER

Outfall ID: NR-011
Location: W 209TH STREET (REG # N-9)
Latitude: 40° 51' 52"
Longitude: 73° 54' 54"
Outfall Size: 3' 0" X 4' 0"
Receiving Water: HARLEM RIVER

Outfall ID: NR-012
Location: W 207TH ST (SOUTH SIDE) (REG # N-7)
Latitude: 40° 51' 47"
Longitude: 73° 54' 56"
Outfall Size: 36" DIA
Receiving Water: HARLEM RIVER

Outfall ID: NR-013
Location: W 206TH STREET (REG # N-6)
Latitude: 40° 51' 45"
Longitude: 73° 54' 58"
Outfall Size: 2' 4" X 3' 6"
Receiving Water: HARLEM RIVER

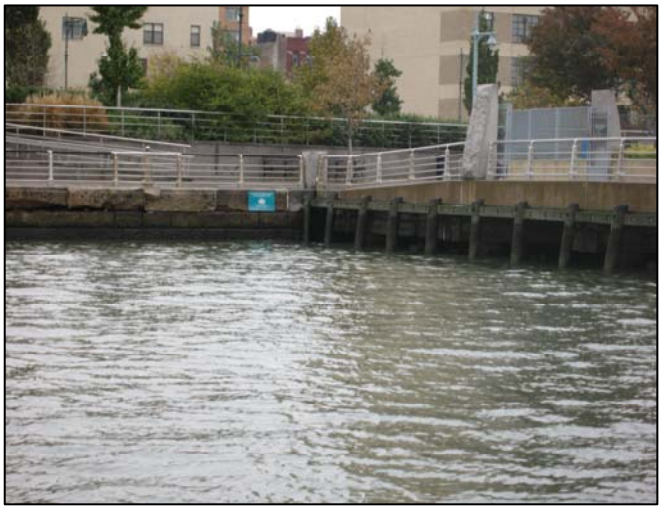
Outfall ID: NR-014
Location: W 205TH STREET (REG # N-5)
Latitude: 40° 51' 43"
Longitude: 73° 55' 1"
Outfall Size: 48" DIA
Receiving Water: HARLEM RIVER

Outfall ID: NR-016
Location: W 203RD STREET (REG # N-4)
Latitude: 40° 51' 39"
Longitude: 73° 55' 4"
Outfall Size: 2' 4" X 3' 6"
Receiving Water: HARLEM RIVER

Outfall ID: NR-017
Location: W 201ST STREET (REG # N-3)
Latitude: 40° 51' 34"
Longitude: 73° 55' 8"
Outfall Size: 4' 0" X 6' 0"
Receiving Water: HARLEM RIVER

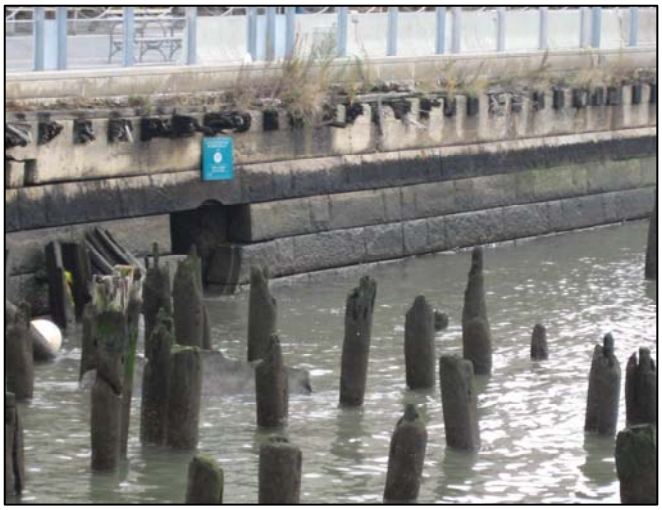
Outfall ID: NR-018
Location: HIGHBRIDGE PARK (REG # N-1)
Latitude: 40° 51' 25"
Longitude: 73° 55' 19"
Outfall Size: 48" DIA
Receiving Water: HARLEM RIVER

Outfall ID: NR-019
Location: BANK STREET (REG # N-56)
Latitude: 40° 44' 9"
Longitude: 74° 0' 38"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER



Outfall ID: NR-020
Location: JANE STREET (REG # N-55)
Latitude: 40° 44' 17"
Longitude: 74° 0' 38"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-021
Location: GANSEVOORT STREET (REG # N-54)
Latitude: 40° 44' 22"
Longitude: 74° 0' 42"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER



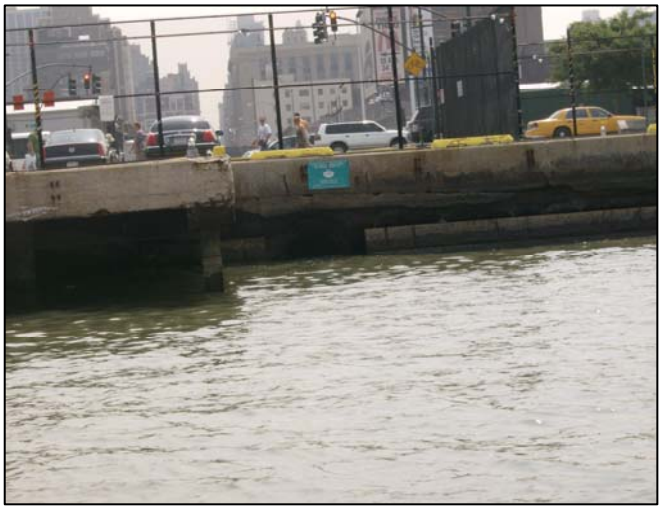
Outfall ID: NR-022
Location: S/O W 17TH STREET (REG # N-51)
Latitude: 40° 44' 40"
Longitude: 74° 0' 32"
Outfall Size: 54" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-023
Location: W 18TH STREET (REG # 50)
Latitude: 40° 44' 45"
Longitude: 74° 0' 34"
Outfall Size: 5' 0" X 4' 6"
Receiving Water: HUDSON RIVER

Outfall ID: NR-024
Location: W 21ST STREET (REG # N-48, N-49)
Latitude: 40° 44' 52"
Longitude: 74° 0' 33"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-025
Location: W 24TH STREET (REG # N-47)
Latitude: 40° 44' 59"
Longitude: 74° 0' 35"
Outfall Size: 6' 6" X 5' 6"
Receiving Water: HUDSON RIVER

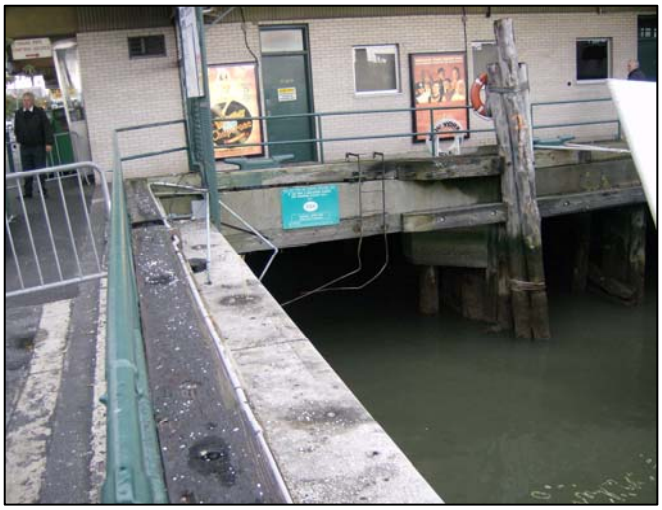
Outfall ID: NR-026
Location: W 26TH STREET (REG# N-46)
Latitude: 40° 45' 7"
Longitude: 74° 0' 31"
Outfall Size: 6' 3" X 5' 7"
Receiving Water: HUDSON RIVER



Outfall ID: NR-027
Location: W 30TH STREET (REG # N-45)
Latitude: 40° 45' 17"
Longitude: 74° 0' 26"
Outfall Size: DBL 3' 0" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-028
Location: W 36TH STREET (REG # N-43)
Latitude: 40° 45' 30"
Longitude: 74° 0' 17"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-029
Location: W 40TH STREET (REG # N-42)
Latitude: 40° 45' 40"
Longitude: 74° 0' 10"
Outfall Size: 30" DIA
Receiving Water: HUDSON RIVER



Outfall ID: NR-030
Location: W 43RD STREET (REG # N-39 & N-40)
Latitude: 40° 45' 47"
Longitude: 74° 0' 5"
Outfall Size: 54" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-031
Location: W 44TH STREET (REG # N-38)
Latitude: 40° 45' 48"
Longitude: 73° 59' 60"
Outfall Size: 54" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-032
Location: W 46TH STREET (REG # N-36 & N-37)
Latitude: 40° 45' 52"
Longitude: 73° 59' 56"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-033
Location: W 48TH STREET (REG # N-34, N-33)
Latitude: 40° 45' 57"
Longitude: 73° 59' 53"
Outfall Size: 2' 8" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-034
Location: W 50TH STREET (REG # N-32)
Latitude: 40° 46' 1"
Longitude: 73° 59' 50"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-035
Location: W 56TH STREET (REG # N-31)
Latitude: 40° 46' 16"
Longitude: 73° 59' 43"
Outfall Size: 54" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-036
Location: W 59TH STREET (REG # N-30)
Latitude: 40° 46' 23"
Longitude: 73° 59' 38"
Outfall Size: 48" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-037
Location: W 72ND STREET (REG # N-29)
Latitude: 40° 46' 52"
Longitude: 73° 59' 18"
Outfall Size: DBL 3' 0" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-038
Location: W 80TH STREET (REG # N-28)
Latitude: 40° 47' 12"
Longitude: 73° 59' 5"
Outfall Size: 10' 6" X 6' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-039
Location: W 91ST STREET (REG # N-27)
Latitude: 40° 47' 37"
Longitude: 73° 58' 47"
Outfall Size: 5' 5" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-040
Location: W 96TH STREET (REG # N-26, 26A)
Latitude: 40° 47' 49"
Longitude: 73° 58' 38"
Outfall Size: 10' X 6'
Receiving Water: HUDSON RIVER

Outfall ID: NR-041
Location: W 108TH STREET (REG # N-25)
Latitude: 40° 48' 16"
Longitude: 73° 58' 19"
Outfall Size: 4' 0" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-042
Location: W 115TH STREET (REG # N-24)
Latitude: 40° 48' 32"
Longitude: 73° 58' 7"
Outfall Size: 4' 6" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-043
Location: SAINT CLAIRS PLACE (REG # N-23)
Latitude: 40° 49' 5"
Longitude: 73° 57' 43"
Outfall Size: DBL 8' 8" X 7' 6"
Receiving Water: HUDSON RIVER

Outfall ID: NR-044
Location: W 138TH STREET (REG # N-22)
Latitude: 40° 49' 27"
Longitude: 73° 57' 33"
Outfall Size: 42" DIA
Receiving Water: HUDSON RIVER

Outfall ID: NR-045
Location: ACADEMY STREET (REG # N-2)
Latitude: 40° 51' 33"
Longitude: 73° 55' 14"
Outfall Size: DBL 7' 0" X 6' 0"
Receiving Water: HARLEM RIVER

Outfall ID: NR-046
Location: W 66TH STREET (REG # N-29A)
Latitude: 40° 46' 39"
Longitude: 73° 59' 28"
Outfall Size: 5' 6" X 5' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-047
Location: W 47TH STREET
Latitude: 40° 45' 54"
Longitude: 73° 59' 55"
Outfall Size: 2' 8" X 4' 0"
Receiving Water: HUDSON RIVER

Outfall ID: NR-048
Location: W 42ND STREET (REG # N-40 & N-41)
Latitude: 40° 45' 44"
Longitude: 74° 0' 6"
Outfall Size: DBL 8' 0" X 2' 0"
Receiving Water: HUDSON RIVER

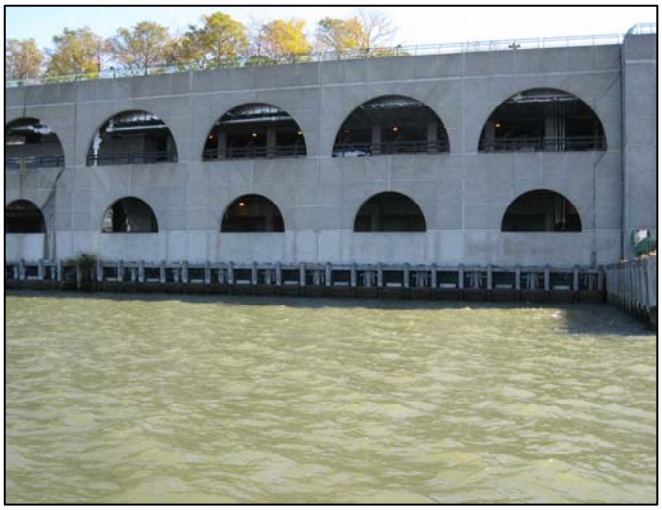
Outfall ID: NR-049
Location: W 14TH STREET (REG # N-52)
Latitude: 40° 44' 33"
Longitude: 74° 0' 34"
Outfall Size: 6' X 4' 6"
Receiving Water: HUDSON RIVER

Outfall ID: NR-050
Location: BLOOMFIELD STREET (REG # N-53)
Latitude: 40° 44' 26"
Longitude: 74° 0' 41"
Outfall Size: 2' 4" X 3' 6"
Receiving Water: HUDSON RIVER

Outfall ID: NR-051
Location: W 49TH STREET (CSO)
Latitude: 40° 45' 59"
Longitude: 73° 59' 52"
Outfall Size: DBL 12' 0" X 6' 0"
Receiving Water: HUDSON RIVER

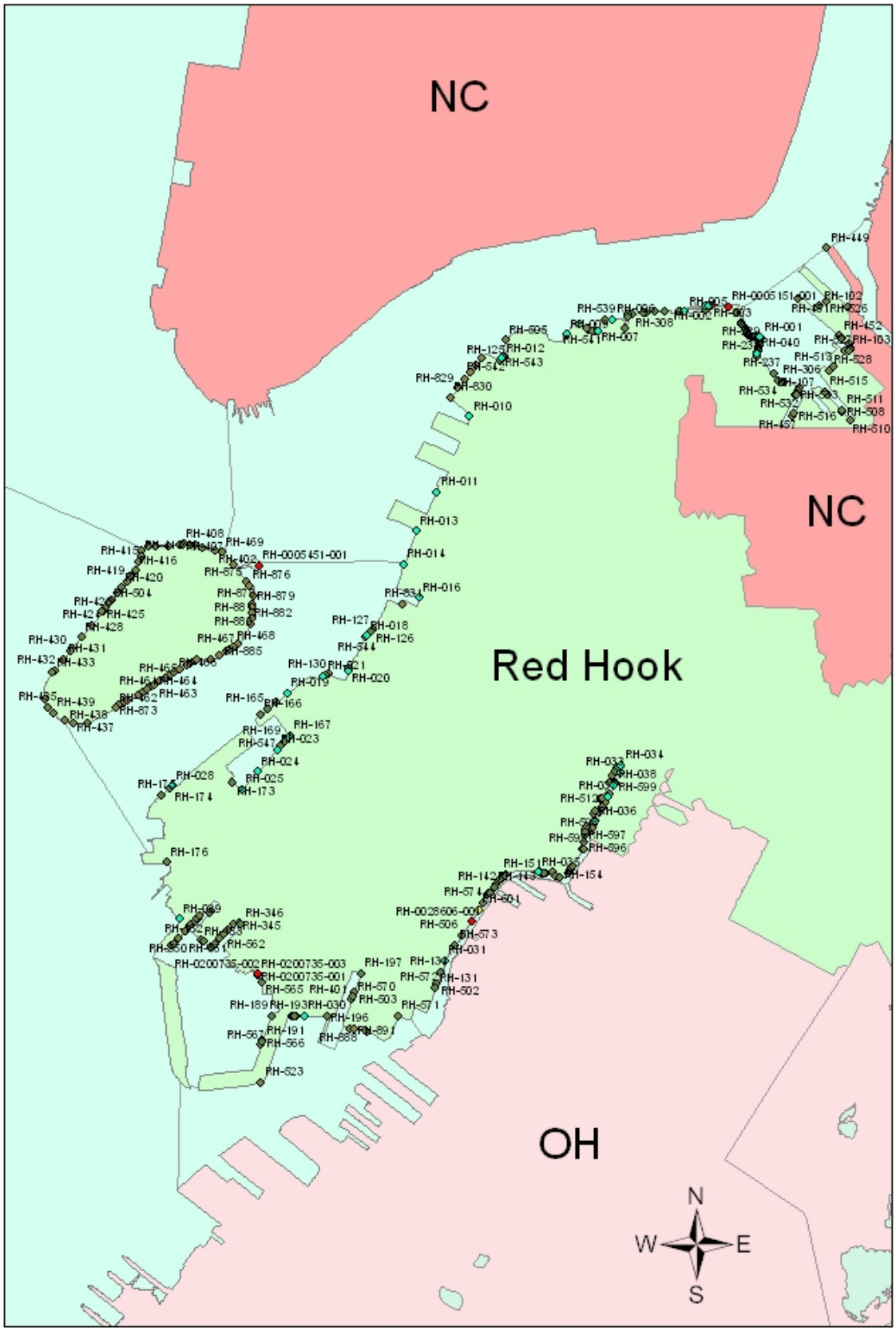
Outfall ID: NR-052
Location: W 34TH STREET (REG # N-44)
Latitude: 40° 45' 26"
Longitude: 74° 0' 20"
Outfall Size: 4' 9" X 4' 6"
Receiving Water: HUDSON RIVER

Outfall ID: NR-055
Location: W 207TH ST (NORTH SIDE) (REG # N-8)
Latitude: 40° 51' 47"
Longitude: 73° 54' 56"
Outfall Size: 36" DIA
Receiving Water: HARLEM RIVER



Outfall ID: NR-056
Location: W 142ND STREET (REG # N-22A)
Latitude: 40° 49' 35"
Longitude: 73° 57' 28"
Outfall Size: 60" DIA
Receiving Water: HUDSON RIVER

RED HOOK DRAINAGE AREA

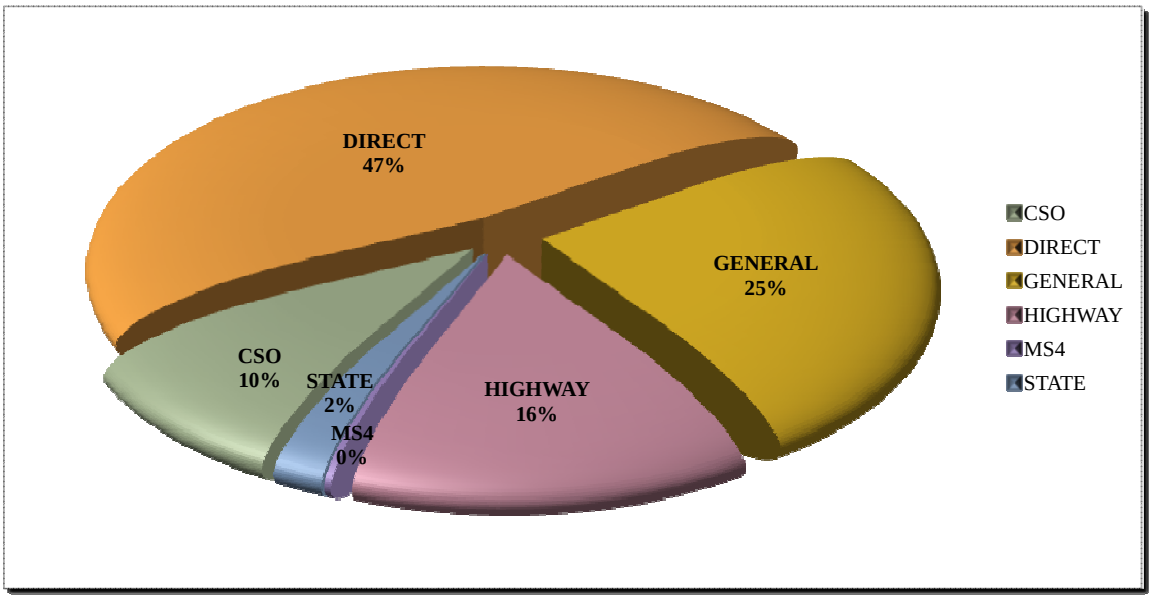


RED HOOK SURVEY REPORT

The survey of the entire drainage area of Red Hook, 19.49 miles of shoreline, resulted in the identification of 346 outfalls. The outfalls consist of 33 combined sewer overflow outfalls, 54 highway outfalls, 87 general outfalls, 164 direct discharge outfalls, 1 storm outfall and 7 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Red Hook Water Pollution Control Plant receives sewer flows from the western portion of Brooklyn. The entire drainage area was surveyed by boat and inflatable raft, and it began at the Brooklyn Navy Yard (Wallabout Channel), and proceeded south – southeast in the East River passing the Red Hook Treatment Plant vicinity, Buttermilk Channel and Atlantic Basin, eventually reaching back to the Upper New York Bay and moved southeast covering Erie Basin and Gowanus Creek, then moved northeast into Henry Street Basin and Gowanus Creek and finally surveying both sides of the Gowanus Canal up to Carroll Street.

Percentile representation of Red Hook outfalls



RED HOOK

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	RH-449	WEST END OF PIER S/O WALLABOUT CHANNEL	40	42	32	73	58	22	10" DIA	EAST RIVER
2	RH-450	W/O ST. JAMES PLACE (BROOKLYN NAVY YARD)	40	42	21	73	58	16	12" DIA	EAST RIVER
3	RH-526	E/O WASHINGTON AVENUE (BROOKLYN NAVY YARD)	40	42	22	73	58	22	6" DIA	EAST RIVER
4	RH-102	WASHINGTON AVENUE (BROOKLYN NAVY YARD)	40	42	21	73	58	23	10" DIA	EAST RIVER
5	RH-451	END OF PIER 14 (BROOKLYN NAVY YARD)	40	42	22	73	58	29	8" DIA	EAST RIVER
6	RH-452	150' N/O WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	15	73	58	18	6" DIA	EAST RIVER
7	RH-453	125' N/O WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	15	73	58	18	6" DIA	EAST RIVER
8	RH-454	50' N/O WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	14	73	58	16	6" DIA	EAST RIVER
9	RH-455	25' N/O WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	13	73	58	16	6" DIA	EAST RIVER
10	RH-456	2' N/O WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	13	73	58	16	4" DIA	EAST RIVER
11	RH-103	WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	13	73	58	16	10" DIA	EAST RIVER
12	RH-527	W/O WAVERLY AVENUE (BROOKLYN NAVY YARD)	40	42	13	73	58	17	6" DIA	EAST RIVER
13	RH-513	CLINTON AVENUE (BROOKLYN NAVY YARD)	40	42	10	73	58	20	12" DIA	EAST RIVER
14	RH-528	W/O CLINTON AVENUE (BROOKLYN NAVY YARD)	40	42	9	73	58	21	6" DIA	EAST RIVER
15	RH-510	VANDERBUILT AVENUE (BROOKLYN NAVY YARD)	40	41	60	73	58	16	3" DIA	EAST RIVER
16	RH-508	CLERMONT AVENUE (BROOKLYN NAVY YARD)	40	42	1	73	58	18	8" DIA	EAST RIVER
17	RH-514	BROOKLYN NAVY YARD DRY DOCK (BROOKLYN NAVY YARD)	40	42	4	73	58	21	36" DIA	EAST RIVER
18	RH-515	BROOKLYN NAVY YARD DRY DOCK (BROOKLYN NAVY YARD)	40	42	5	73	58	22	12" DIA	EAST RIVER
19	RH-511	N/O CLERMONT AVENUE (BROOKLYN NAVY YARD)	40	42	1	73	58	18	8" DIA	EAST RIVER
20	RH-457	50' W/O N PORTLAND AVENUE (BROOKLYN NAVY YARD)	40	42	0	73	58	30	6" DIA	EAST RIVER
21	RH-516	N PORTLAND AVENUE (BROOKLYN NAVY YARD)	40	42	1	73	58	30	4' 0" X 6'	EAST RIVER
22	RH-517	50' N/O FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	6	73	58	28	48" DIA	EAST RIVER
23	RH-529	30' N/O FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	5	73	58	29	6" DIA	EAST RIVER
24	RH-530	25' N/O FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	5	73	58	29	6" DIA	EAST RIVER
25	RH-531	10' N/O FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	5	73	58	29	6" DIA	EAST RIVER
26	RH-532	5' N/O FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	4	73	58	29	6" DIA	EAST RIVER
27	RH-501	FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	4	73	58	29	2" DIA	EAST RIVER
28	RH-533	5' N/O FIRE PUMP HOUSE DD4 (BROOKLYN NAVY YARD)	40	42	4	73	58	29	6" DIA	EAST RIVER
29	RH-518	BROOKLYN NAVY YARD PIER D (BROOKLYN NAVY YARD)	40	42	7	73	58	32	60" DIA	EAST RIVER
30	RH-519	BROOKLYN NAVY YARD PIER D (BROOKLYN NAVY YARD)	40	42	7	73	58	33	12" DIA	EAST RIVER
31	RH-520	BROOKLYN NAVY YARD PIER D (BROOKLYN NAVY YARD)	40	42	7	73	58	33	30" DIA	EAST RIVER
32	RH-534	END OF PIER D (BROOKLYN NAVY YARD)	40	42	7	73	58	33	4" DIA	EAST RIVER
33	RH-107	N ELLIOTT PLACE (BROOKLYN NAVY YARD)	40	42	8	73	58	35	10" DIA	EAST RIVER
34	RH-306	100' S/O N ELLIOTT PL ACE (BROOKLYN NAVY YARD)	40	42	7	73	58	34	10" DIA	EAST RIVER
35	RH-307	50' N/O NAVY STREET (BROOKLYN NAVY YARD)	40	42	20	73	58	51	12" DIA	EAST RIVER
36	RH-238	200' W/O NAVY YARD PIER-D (RED HOOK WPCP)	40	42	12	73	58	39	72" DIA	EAST RIVER (S)
37	RH-040	EAST RIVER & NAVY YARD	40	42	12	73	58	39	72" DIA	EAST RIVER
38	RH-237	300' S/O NE CORNER OF RED HOOK WPCP	40	42	12	73	58	39	6" DIA	EAST RIVER (E)
39	RH-236	275' S/O NE CORNER OF RED HOOK WPCP	40	42	12	73	58	39	6" DIA	EAST RIVER (E)
40	RH-235	250' S/O NE CORNER OF RED HOOK WPCP	40	42	13	73	58	39	6" DIA	EAST RIVER (E)
41	RH-234	225' S/O NE CORNER OF RED HOOK WPCP	40	42	13	73	58	39	6" DIA	EAST RIVER (E)
42	RH-233	200' S/O NE CORNER OF RED HOOK WPCP	40	42	13	73	58	39	6" DIA	EAST RIVER (E)
43	RH-232	175' S/O NE CORNER OF RED HOOK WPCP	40	42	13	73	58	38	6" DIA	EAST RIVER (E)
44	RH-231	150' S/O NE CORNER OF RED HOOK WPCP	40	42	14	73	58	38	6" DIA	EAST RIVER (E)
45	RH-230	125' S/O NE CORNER OF RED HOOK WPCP	40	42	14	73	58	38	6" DIA	EAST RIVER (E)
46	RH-229	100' S/O NE CORNER OF RED HOOK WPCP	40	42	14	73	58	38	6" DIA	EAST RIVER (E)
47	RH-228	75' S/O NE CORNER OF RED HOOK WPCP	40	42	14	73	58	38	6" DIA	EAST RIVER (E)
48	RH-227	50' S/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	38	6" DIA	EAST RIVER (E)
49	RH-226	25' S/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	38	6" DIA	EAST RIVER (E)
50	RH-225	NE CORNER OF RED HOOK WPCP	40	42	15	73	58	38	6" DIA	EAST RIVER (E)
51	RH-001	RED HOOK W.P.C.P. OUTFALL	40	42	15	73	58	38	96" DIA	EAST RIVER

RED HOOK

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	RH-224	25' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	38	6" DIA	EAST RIVER (E)
53	RH-223	50' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	39	6" DIA	EAST RIVER (E)
54	RH-222	80' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	39	6" DIA	EAST RIVER (E)
55	RH-221	110' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	39	6" DIA	EAST RIVER (E)
56	RH-220	140' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	39	6" DIA	EAST RIVER (E)
57	RH-219	170' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	40	6" DIA	EAST RIVER (E)
58	RH-218	200' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	40	6" DIA	EAST RIVER (E)
59	RH-217	230' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	40	6" DIA	EAST RIVER (E)
60	RH-216	260' W/O NE CORNER OF RED HOOK WPCP	40	42	15	73	58	41	6" DIA	EAST RIVER (E)
61	RH-215	290' W/O NE CORNER OF RED HOOK WPCP	40	42	16	73	58	41	6" DIA	EAST RIVER (E)
62	RH-214	320' W/O NE CORNER OF RED HOOK WPCP	40	42	16	73	58	41	6" DIA	EAST RIVER (E)
63	RH-213	350' W/O NE CORNER OF RED HOOK WPCP	40	42	16	73	58	41	6" DIA	EAST RIVER (E)
64	RH-212	380' W/O NE CORNER OF RED HOOK WPCP	40	42	16	73	58	41	6" DIA	EAST RIVER (E)
65	RH-211	100' N/O JOHN STREET (RED HOOK WPCP)	40	42	16	73	58	41	6" DIA	EAST RIVER (E)
66	RH-210	130' N/O JOHN STREET (RED HOOK WPCP)	40	42	16	73	58	41	12" DIA	EAST RIVER (E)
67	RH-209	150' N/O JOHN STREET (RED HOOK WPCP)	40	42	16	73	58	41	6" DIA	EAST RIVER (E)
68	RH-208	180' N/O JOHN STREET (RED HOOK WPCP)	40	42	17	73	58	42	6" DIA	EAST RIVER (E)
69	RH-207	210' N/O JOHN STREET (RED HOOK WPCP)	40	42	17	73	58	42	6" DIA	EAST RIVER (E)
70	RH-206	240' N/O JOHN STREET (RED HOOK WPCP)	40	42	17	73	58	42	6" DIA	EAST RIVER (E)
71	RH-205	270' N/O JOHN STREET (RED HOOK WPCP)	40	42	17	73	58	42	6" DIA	EAST RIVER (E)
72	RH-204	300' N/O JOHN STREET (RED HOOK WPCP)	40	42	17	73	58	42	6" DIA	EAST RIVER (E)
73	RH-203	330' N/O JOHN STREET (RED HOOK WPCP)	40	42	18	73	58	43	6" DIA	EAST RIVER (E)
74	RH-202	360' N/O JOHN STREET (RED HOOK WPCP)	40	42	18	73	58	43	6" DIA	EAST RIVER (E)
75	RH-201	NORTH END OF RED HOOK W.P.C.P.	40	42	20	73	58	44	36" DIA	EAST RIVER (W)
76	RH-0005151-001	NORTH END OF CON EDISON PLANT	40	42	21	73	58	46	15' X 8'	EAST RIVER (S)
77	RH-003	HUDSON AVENUE (REG # R-21)	40	42	21	73	58	51	4' 6" X 7' 3"	EAST RIVER (S)
78	RH-0005151-002	WEST SIDE OF CON EDISON PLANT	40	42	21	73	58	50	4' 0" X 7'	EAST RIVER (S)
79	RH-002	HUDSON AVENUE (REG # R-21A)	40	42	21	73	58	51	15" DIA	EAST RIVER (S)
80	RH-005	GOLD STREET (REG # R-20A)	40	42	20	73	58	57	168" DIA	EAST RIVER (S)
81	RH-535	50' W/O GOLD STREET	40	42	20	73	58	58	6" DIA	EAST RIVER (S)
82	RH-536	51' W/O GOLD STREET	40	42	20	73	58	58	6" DIA	EAST RIVER (S)
83	RH-537	52' W/O GOLD STREET	40	42	20	73	58	58	6" DIA	EAST RIVER (S)
84	RH-538	53' W/O GOLD STREET	40	42	20	73	58	58	6" DIA	EAST RIVER (S)
85	RH-113	100' N/O BRIDGE STREET	40	42	20	73	59	2	10" DIA	EAST RIVER (E)
86	RH-114	BRIDGE STREET	40	42	20	73	59	4	10" DIA	EAST RIVER (E)
87	RH-115	100' S/O BRIDGE STREET	40	42	20	73	59	6	10" DIA	EAST RIVER (E)
88	RH-308	140' S/O BRIDGE STREET	40	42	20	73	59	7	10" DIA	EAST RIVER (E)
89	RH-116	140' S/O BRIDGE STREET	40	42	20	73	59	7	10" DIA	EAST RIVER (E)
90	RH-117	290' S/O BRIDGE STREET	40	42	20	73	59	10	10" DIA	EAST RIVER (E)
91	RH-118	340' S/O BRIDGE STREET	40	42	20	73	59	11	10" DIA	EAST RIVER (E)
92	RH-119	100' N/O JAY STREET	40	42	19	73	59	11	10" DIA	EAST RIVER (E)
93	RH-120	JAY STREET	40	42	17	73	59	12	12" DIA	EAST RIVER (E)
94	RH-006	PEARL STREET (REG # R-19A)	40	42	19	73	59	15	36" DIA	EAST RIVER (E)
95	RH-539	100' W/O PEARL STREET	40	42	18	73	59	17	8" DIA	EAST RIVER (E)
96	RH-007	ADAMS STREET (REG # R-19)	40	42	16	73	59	18	15" DIA	EAST RIVER (E)
97	RH-540	50' S/O ADAMS STREET	40	42	16	73	59	19	8" DIA	EAST RIVER (E)
98	RH-541	75' S/O ADAMS STREET	40	42	16	73	59	20	6" DIA	EAST RIVER (E)
99	RH-855	UNDER MANHATTAN BRIDGE (NORTH SIDE)	40	42	17	73	59	21	8" DIA	EAST RIVER (E)
100	RH-856	UNDER MANHATTAN BRIDGE (SOUTH SIDE)	40	42	17	73	59	21	8" DIA	EAST RIVER (E)
101	RH-008	WASHINGTON STREET (REG # R-18A)	40	42	18	73	59	23	36" DIA	EAST RIVER (E)
102	RH-009	MAIN STREET (REG # R-18)	40	42	16	73	59	26	36" DIA	EAST RIVER (E)

RED HOOK

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	RH-505	15' W/O BROOKLYN BRIDGE	40	42	15	73	59	41	2" DIA	EAST RIVER (E)
104	RH-542	10' N/O OLD FULTON STREET	40	42	12	73	59	42	2" DIA	EAST RIVER (E)
105	RH-824	15' N/O OLD FULTON STREET	40	42	12	73	59	42	12" DIA	EAST RIVER (E)
106	RH-012	CADMAN PLAZA (REG # R-17)	40	42	11	73	59	42	6' 0" X 6' 0"	EAST RIVER (E)
107	RH-543	15' S/O OLD FULTON STREET	40	42	11	73	59	42	8" DIA	EAST RIVER (E)
108	RH-125	20' S/O OLD FULTON STREET	40	42	11	73	59	42	32" DIA	EAST RIVER (E)
109	RH-825	100' S/O NORTH END OF PIER #1	40	42	11	73	59	47	12" DIA	EAST RIVER (E)
110	RH-826	300' S/O NORTH END OF PIER #1	40	42	10	73	59	49	12" DIA	EAST RIVER (E)
111	RH-827	500' S/O NORTH END OF PIER #1	40	42	9	73	59	50	12" DIA	EAST RIVER (E)
112	RH-828	700' S/O NORTH END OF PIER #1	40	42	7	73	59	52	10" DIA	EAST RIVER (E)
113	RH-829	900' S/O NORTH END OF PIER #1	40	42	5	73	59	53	12" DIA	EAST RIVER (E)
114	RH-830	1100' S/O NORTH END OF PIER #1	40	42	4	73	59	55	12" DIA	EAST RIVER (E)
115	RH-010	ORANGE STREET (REG # R-16)	40	42	0	73	59	50	18" DIA	EAST RIVER (E)
116	RH-011	MONTAGUE STREET (REG # R-15)	40	41	46	73	59	59	4' 0" X 4' 0"	EAST RIVER (E)
117	RH-013	JORALEMON STREET (REG # R-14)	40	41	38	74	0	4	18" DIA	EAST RIVER (E)
118	RH-014	ATLANTIC AVENUE (REG # R-13)	40	41	32	74	0	7	36" DIA	EAST RIVER (E)
119	RH-016	AMITY STREET (REG # R-12)	40	41	26	74	0	3	8' 6" X 8' 6"	EAST RIVER (E)
120	RH-831	CONGRESS STREET	40	41	25	74	0	7	10" DIA	EAST RIVER (E)
121	RH-126	50' S/O BALTIC AVENUE	40	41	20	74	0	14	30" ELLIP	EAST RIVER (E)
122	RH-127	75' S/O BALTIC AVENUE	40	41	20	74	0	15	30" DIA	EAST RIVER (E)
123	RH-018	KANE STREET (REG # R-11)	40	41	19	74	0	16	3' 9" X 5' 7"	EAST RIVER (E)
124	RH-544	KANE STREET	40	41	18	74	0	16	4" DIA	EAST RIVER (E)
125	RH-545	25' N/O DEGRAW STREET	40	41	13	74	0	20	4" DIA	BUTTERMILK CHANNEL (E)
126	RH-020	DEGRAW STREET (REG # R-10)	40	41	12	74	0	20	18" DIA	BUTTERMILK CHANNEL (E)
127	RH-546	50' NW/O SACKETT STREET	40	41	12	74	0	25	4" DIA	BUTTERMILK CHANNEL (E)
128	RH-130	20' NW/O SACKETT STREET	40	41	11	74	0	26	18" DIA	BUTTERMILK CHANNEL (E)
129	RH-021	SACKETT STREET (REG # R-9A)	40	41	11	74	0	27	48" DIA	BUTTERMILK CHANNEL (E)
130	RH-019	HAMILTON AVENUE (REG # R-9)	40	41	8	74	0	36	8' 6" X 6'	BUTTERMILK CHANNEL (E)
131	RH-164	SUMMIT STREET	40	41	6	74	0	38	10" DIA	ATLANTIC BASIN (E)
132	RH-165	150' S/O SUMMIT STREET	40	41	5	74	0	40	10" DIA	ATLANTIC BASIN (E)
133	RH-166	275' S/O SUMMIT STREET	40	41	4	74	0	42	10" DIA	ATLANTIC BASIN (E)
134	RH-167	100' N/O BOWNE STREET	40	40	60	74	0	35	12" DIA	ATLANTIC BASIN (E)
135	RH-022	BOWNE STREET (REG # R-8)	40	40	59	74	0	35	24" DIA	ATLANTIC BASIN (E)
136	RH-168	125' S/O BOWNE STREET	40	40	59	74	0	36	10" DIA	ATLANTIC BASIN (E)
137	RH-169	SEABRING STREET	40	40	59	74	0	36	10" DIA	ATLANTIC BASIN (E)
138	RH-547	100' S/O SEABRING STREET	40	40	58	74	0	37	2" DIA	ATLANTIC BASIN (E)
139	RH-023	COMMERCE STREET (REG # R-7)	40	40	57	74	0	38	24" DIA	ATLANTIC BASIN (E)
140	RH-024	VERONA STREET (REG # R-6)	40	40	53	74	0	43	24" DIA	ATLANTIC BASIN (E)
141	RH-025	PIONEER STREET (REG # R-5)	40	40	50	74	0	47	2'4" X 2'6"	ATLANTIC BASIN (E)
142	RH-173	FERRIS STREET	40	40	51	74	0	49	12" DIA	ATLANTIC BASIN (E)
143	RH-028	WOLCOTT STREET (REG # R-2)	40	40	50	74	1	4	72" DIA	BUTTERMILK CHANNEL (E)
144	RH-174	20' S/O WOLCOTT STREET	40	40	50	74	1	5	12" DIA	BUTTERMILK CHANNEL (E)
145	RH-175	DIKEMAN STREET	40	40	49	74	1	7	10" DIA	UPPER NEW YORK BAY (E)
146	RH-176	FERRIS STREET	40	40	36	74	1	5	10" DIA	UPPER NEW YORK BAY (N)
147	RH-029	VAN BRUNT STREET (REG # R-1)	40	40	25	74	1	2	30" DIA	UPPER NEW YORK BAY (N)
148	RH-548	700' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	20	74	1	4	6" DIA	ERIE BASIN (W)
149	RH-549	675' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	20	74	1	3	4" DIA	ERIE BASIN (W)
150	RH-550	600' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	21	74	1	3	6" DIA	ERIE BASIN (W)
151	RH-551	500' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	23	74	1	1	6" DIA	ERIE BASIN (W)
152	RH-552	425' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	24	74	0	60	6" DIA	ERIE BASIN (W)
153	RH-553	400' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	24	74	0	59	6" DIA	ERIE BASIN (W)

RED HOOK

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	RH-554	350' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	25	74	0	58	8" DIA	ERIE BASIN (W)
155	RH-555	300' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	25	74	0	58	8" DIA	ERIE BASIN (W)
156	RH-556	295' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	25	74	0	58	4" DIA	ERIE BASIN (W)
157	RH-557	250' S/O REED STREET (E/O VAN BRUNT STREET)	40	40	26	74	0	57	6" DIA	ERIE BASIN (W)
158	RH-180	200' S/O BEARD STREET (W/O RICHARDS STREET)	40	40	27	74	0	54	10" DIA	ERIE BASIN (E)
159	RH-181	230' S/O BEARD STREET (W/O RICHARDS STREET)	40	40	26	74	0	55	12" DIA	ERIE BASIN (E)
160	RH-182	RICHARDS STREET	40	40	21	74	0	57	10" DIA	ERIE BASIN (N)
161	RH-183	RICHARDS STREET	40	40	21	74	0	56	18" DIA	ERIE BASIN (N)
162	RH-558	150' N/O SOUTH END OF PIER B	40	40	20	74	0	55	4" DIA	ERIE BASIN (W)
163	RH-559	520' S/O REED STREET (E/O RICHARDS STREET)	40	40	20	74	0	54	4" DIA	ERIE BASIN (W)
164	RH-560	500' S/O REED STREET (E/O RICHARDS STREET)	40	40	20	74	0	53	6" DIA	ERIE BASIN (W)
165	RH-561	340' S/O REED STREET (E/O RICHARDS STREET)	40	40	21	74	0	52	4" DIA	ERIE BASIN (W)
166	RH-562	260' S/O REED STREET (E/O RICHARDS STREET)	40	40	22	74	0	51	6" DIA	ERIE BASIN (W)
167	RH-563	150' S/O REED STREET (E/O RICHARDS STREET)	40	40	23	74	0	50	4" DIA	ERIE BASIN (W)
168	RH-564	50' S/O REED STREET (E/O RICHARDS STREET)	40	40	24	74	0	49	6" DIA	ERIE BASIN (W)
169	RH-345	250' E/O RICHARDS STREET	40	40	24	74	0	47	24" DIA	ERIE BASIN (N)
170	RH-346	200' W/O DWIGHT STREET	40	40	24	74	0	47	60" DIA	ERIE BASIN (N)
171	RH-0200735-003	150' N/O OTSEGO STREET	40	40	15	74	0	43	12" DIA	ERIE BASIN (E)
172	RH-0200735-001	110' N/O OTSEGO STREET	40	40	15	74	0	43	36" DIA	ERIE BASIN (E)
173	RH-0200735-002	100' N/O OTSEGO STREET	40	40	15	74	0	43	18" DIA	ERIE BASIN (E)
174	RH-565	S/O OTSEGO STREET	40	40	13	74	0	42	4" DIA	ERIE BASIN (E)
175	RH-189	N/O PIER # 3	40	40	7	74	0	39	36" DIA	ERIE BASIN (E)
176	RH-566	265' S/O PIER # 1	40	40	2	74	0	42	2" DIA	ERIE BASIN (E)
177	RH-191	275' S/O PIER # 1	40	40	2	74	0	42	10" DIA	ERIE BASIN (E)
178	RH-567	300' S/O PIER # 1	40	40	1	74	0	42	2" DIA	ERIE BASIN (E)
179	RH-523	COLUMBIA STREET	40	39	54	74	0	42	36" DIA EGG	GOWANUS CREEK (N)
180	RH-857	95' W/O HICKS STREET	40	40	7	74	0	34	18" DIA	GOWANUS CREEK (N)
181	RH-568	90' W/O HICKS STREET	40	40	7	74	0	34	4" DIA	GOWANUS CREEK (N)
182	RH-193	80' W/O HICKS STREET	40	40	7	74	0	34	12" DIA	GOWANUS CREEK (N)
183	RH-569	75' W/O HICKS STREET	40	40	7	74	0	33	8" DIA	GOWANUS CREEK (N)
184	RH-030	HICKS STREET	40	40	7	74	0	31	42" DIA	GOWANUS CREEK (N)
185	RH-196	W/O HENRY STREET	40	40	7	74	0	26	30" DIA	GOWANUS CREEK (N)
186	RH-197	HALLECK STREET	40	40	15	74	0	17	18" DIA	HENRY STREET BASIN (E)
187	RH-503	350' S/O HALLECK STREET	40	40	11	74	0	19	4" DIA	HENRY STREET BASIN (E)
188	RH-570	410' S/O HALLECK STREET	40	40	10	74	0	19	6" DIA	HENRY STREET BASIN (E)
189	RH-401	450' S/O HALLECK STREET	40	40	10	74	0	20	6" DIA	HENRY STREET BASIN (E)
190	RH-888	75' W/O CLINTON STREET	40	40	4	74	0	20	36" DIA	GOWANUS CREEK (W)
191	RH-891	CLINTON STREET	40	40	4	74	0	19	6" DIA	GOWANUS CREEK (W)
192	RH-890	100' W/O COURT STREET	40	40	4	74	0	16	6" DIA	GOWANUS CREEK (W)
193	RH-889	75' W/O COURT STREET	40	40	4	74	0	16	6" DIA	GOWANUS CREEK (W)
194	RH-571	BRYANT STREET	40	40	7	74	0	8	6" DIA	GOWANUS CREEK (W)
195	RH-131	SIGOURNEY STREET	40	40	12	73	59	59	12" DIA	GOWANUS CREEK (W)
196	RH-572	10' N/O SIGOURNEY STREET	40	40	12	73	59	59	4" DIA	GOWANUS CREEK (W)
197	RH-502	50' N/O SIGOURNEY STREET	40	40	13	73	59	58	6" DIA	GOWANUS CREEK (W)
198	RH-134	BAY STREET	40	40	15	73	59	57	10" DIA	GOWANUS CREEK (W)
199	RH-031	CREAMER STREET	40	40	17	73	59	56	72" DIA	GOWANUS CREEK (W)
200	RH-573	80' N/O GOWNAUS EXPRESSWAY	40	40	20	73	59	54	6" DIA	GOWANUS CANAL (W)
201	RH-506	200' N/O GOWNAUS EXPRESSWAY	40	40	22	73	59	52	6" DIA	GOWANUS CANAL (W)
202	RH-0028606-001	N/O CENTRE STREET (CIBRO)	40	40	25	73	59	50	10" DIA	GOWANUS CANAL (W)
203	RH-509	10' S/O 9TH STREET BRIDGE	40	40	27	73	59	48	4" DIA	GOWANUS CANAL (W)
204	RH-601	GOWANUS CANAL & W.9TH STREET	40	40	27	73	59	48	12"DIA	GOWANUS CANAL

RED HOOK

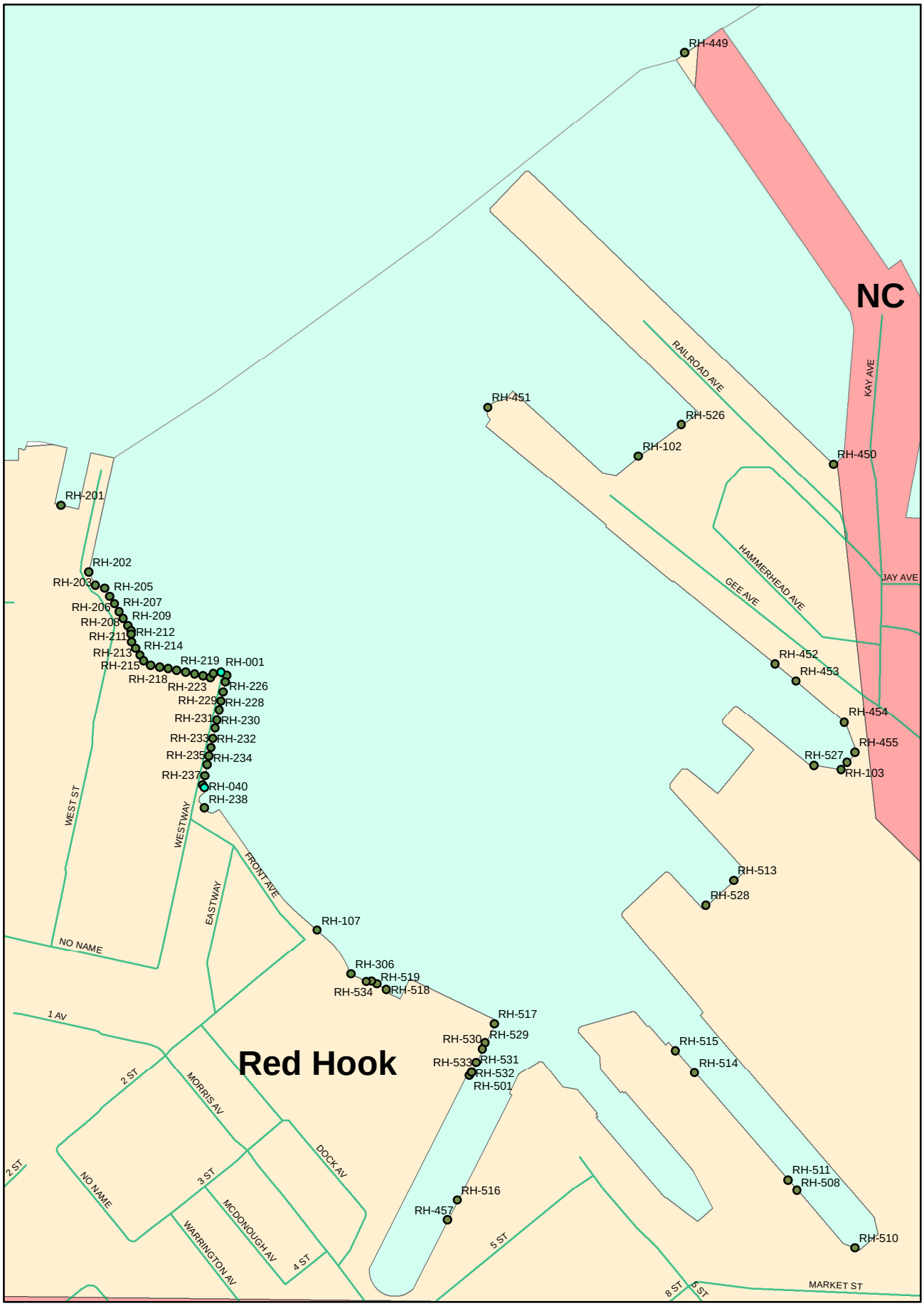
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	RH-574	75' N/O 9TH STREET BRIDGE	40	40	28	73	59	47	6" DIA	GOWANUS CANAL (W)
206	RH-575	10' S/O HUNTINGTON STREET	40	40	30	73	59	46	4" DIA	GOWANUS CANAL (W)
207	RH-140	HUNTINGTON STREET	40	40	30	73	59	45	10" DIA	GOWANUS CANAL (W)
208	RH-141	N/O HUNTINGTON STREET	40	40	30	73	59	45	10" DIA	GOWANUS CANAL (W)
209	RH-142	20' N/O 7TH STREET	40	40	31	73	59	44	10" DIA	GOWANUS CANAL (W)
210	RH-143	21' N/O 7TH STREET	40	40	31	73	59	44	12" DIA	GOWANUS CANAL (W)
211	RH-576	75' N/O 7TH STREET	40	40	32	73	59	44	6" DIA	GOWANUS CANAL (W)
212	RH-577	195' N/O 7TH STREET	40	40	32	73	59	43	8" DIA	GOWANUS CANAL (W)
213	RH-578	200' N/O 7TH STREET	40	40	33	73	59	43	8" DIA	GOWANUS CANAL (W)
214	RH-579	201' N/O 7TH STREET	40	40	33	73	59	43	8" DIA	GOWANUS CANAL (W)
215	RH-580	HOYT STREET	40	40	33	73	59	41	4" DIA	GOWANUS CANAL (W)
216	RH-581	25' W/O HOYT STREET	40	40	33	73	59	42	4" DIA	GOWANUS CANAL (N)
217	RH-858	80' W/O HOYT STREET	40	40	33	73	59	42	18" DIA	GOWANUS CANAL (N)
218	RH-859	100' W/O HOYT STREET	40	40	33	73	59	42	24" DIA	GOWANUS CANAL (N)
219	RH-035	BOND STREET	40	40	34	73	59	33	DBL 24" DIA	GOWANUS CANAL (N)
220	RH-582	5' E/O BOND STREET	40	40	34	73	59	33	4" DIA	GOWANUS CANAL (N)
221	RH-583	24' E/O BOND STREET	40	40	34	73	59	32	6" DIA	GOWANUS CANAL (N)
222	RH-584	25' E/O BOND STREET	40	40	34	73	59	32	4" DIA	GOWANUS CANAL (N)
223	RH-585	35' E/O BOND STREET	40	40	34	73	59	32	4" DIA	GOWANUS CANAL (N)
224	RH-151	45' E/O BOND STREET	40	40	34	73	59	32	10" DIA	GOWANUS CANAL (N)
225	RH-586	50' E/O BOND STREET	40	40	34	73	59	31	4" DIA	GOWANUS CANAL (N)
226	RH-587	100' E/O BOND STREET	40	40	34	73	59	30	4" DIA	GOWANUS CANAL (N)
227	RH-588	125' E/O BOND STREET	40	40	33	73	59	29	4" DIA	GOWANUS CANAL (N)
228	RH-154	150' E/O BOND STREET	40	40	33	73	59	28	12" DIA	GOWANUS CANAL (N)
229	RH-589	50' S/O 3RD STREET BRIDGE	40	40	34	73	59	26	8" DIA	GOWANUS CANAL (W)
230	RH-590	5' S/O 3RD STREET BRIDGE	40	40	34	73	59	25	6" DIA	GOWANUS CANAL (W)
231	RH-591	5' N/O 3RD STREET BRIDGE	40	40	34	73	59	25	6" DIA	GOWANUS CANAL (W)
232	RH-592	20' N/O 3RD STREET BRIDGE	40	40	35	73	59	25	6" DIA	GOWANUS CANAL (W)
233	RH-593	100' S/O 2ND STREET	40	40	35	73	59	25	8" DIA	GOWANUS CANAL (W)
234	RH-594	30' S/O 1ST STREET	40	40	38	73	59	22	8" DIA	GOWANUS CANAL (W)
235	RH-595	20' S/O 1ST STREET	40	40	38	73	59	22	6" DIA	GOWANUS CANAL (W)
236	RH-596	150' S/O CARROLL STREET	40	40	40	73	59	22	4" DIA	GOWANUS CANAL (W)
237	RH-597	50' S/O CARROLL STREET	40	40	41	73	59	22	4" DIA	GOWANUS CANAL (W)
238	RH-598	10' S/O CARROLL STREET	40	40	41	73	59	22	6" DIA	GOWANUS CANAL (W)
239	RH-440	CARROLL STREET BRIDGE	40	40	42	73	59	22	10" DIA	GOWANUS CANAL (W)
240	RH-441	5' N/O CARROLL STREET BRIDGE	40	40	42	73	59	22	12" DIA	GOWANUS CANAL (W)
241	RH-442	50' N/O CARROLL STREET BRIDGE	40	40	43	73	59	21	3" DIA	GOWANUS CANAL (W)
242	RH-443	50' N/O PRESIDENT STREET	40	40	45	73	59	20	4" DIA	GOWANUS CANAL (W)
243	RH-444	100' N/O PRESIDENT STREET	40	40	46	73	59	19	4" DIA	GOWANUS CANAL (W)
244	RH-445	75' S/O SACKETT STREET	40	40	48	73	59	18	6" DIA	GOWANUS CANAL (W)
245	RH-446	S/O SACKETT STREET	40	40	48	73	59	18	6" DIA	GOWANUS CANAL (W)
246	RH-447	50' S/O DEGRAW STREET	40	40	48	73	59	17	12" DIA	GOWANUS CANAL (W)
247	RH-507	DEGRAW STREET	40	40	51	73	59	16	10" DIA	GOWANUS CANAL (W)
248	RH-448	250' S/O HEAD OF GOWANUS CANAL	40	40	52	73	59	15	4" DIA	GOWANUS CANAL (W)
249	RH-832	200' S/O HEAD OF GOWANUS CANAL	40	40	53	73	59	14	4" DIA	GOWANUS CANAL (W)
250	RH-330	150' S/O HEAD OF GOWANUS CANAL	40	40	53	73	59	14	4" DIA	GOWANUS CANAL (W)
251	RH-833	100' S/O HEAD OF GOWANUS CANAL	40	40	54	73	59	14	6" DIA	GOWANUS CANAL (W)
252	RH-331	50' S/O HEAD OF GOWANUS CANAL	40	40	54	73	59	14	18" DIA	GOWANUS CANAL (W)
253	RH-034	HEAD OF GOWNAUS CANAL (GOWANUS PUMPING STATION)	40	40	54	73	59	13	4BL 8' X 8'	HEAD OF GOWANUS CANAL
254	RH-033	DOUGLASS STREET (REG # R-25)	40	40	53	73	59	13	3'2" X 3'8"	GOWANUS CANAL (E)
255	RH-599	25' N/O DEGRAW STREET	40	40	51	73	59	14	4" DIA	GOWANUS CANAL (E)

RED HOOK

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
256	RH-458	10' N/O DEGRAW STREET	40	40	51	73	59	14	4" DIA	GOWANUS CANAL (E)
257	RH-834	DEGRAW STREET	40	40	50	73	59	14	4" DIA	GOWANUS CANAL (E)
258	RH-038	DEGRAW STREET (REG # R-24)	40	40	50	73	59	14	12' 0" X 5' 2-1/2"	GOWANUS CANAL (E)
259	RH-459	10' S/O DEGRAW STREET	40	40	50	73	59	15	4" DIA	GOWANUS CANAL (E)
260	RH-835	575' S/O GOWANUS PUMPING STATION OVERFLOW	40	40	49	73	59	16	8" DIA	GOWANUS CANAL (E)
261	RH-037	SACKETT STREET (REG # R-23)	40	40	48	73	59	16	18" DIA	GOWANUS CANAL (E)
262	RH-836	100' N/O UNION STREET BRIDGE	40	40	47	73	59	17	6" DIA	GOWANUS CANAL (E)
263	RH-512	20' N/O UNION STREET BRIDGE	40	40	46	73	59	17	4" DIA	GOWANUS CANAL (E)
264	RH-460	10' N/O UNION STREET BRIDGE	40	40	46	73	59	17	8" DIA	GOWANUS CANAL (E)
265	RH-837	50' S/O UNION STREET BRIDGE	40	40	45	73	59	18	3" DIA	GOWANUS CANAL (E)
266	RH-036	PRESIDENT STREET (REG # R-23)	40	40	44	73	59	19	18" DIA	GOWANUS CANAL (E)
267	RH-838	150' N/O CARROLL STREET BRIDGE	40	40	43	73	59	19	3" DIA	GOWANUS CANAL (E)
268	RH-839	75' N/O CARROLL STREET BRIDGE	40	40	42	73	59	20	4" DIA	GOWANUS CANAL (E)
269	RH-840	3' N/O CARROLL STREET BRIDGE	40	40	41	73	59	20	10" DIA	GOWANUS CANAL (E)
270	RH-873	225' N/O SE PIER (GOVERNOR ISLAND)	40	41	5	74	1	18	18" DIA	BUTTERMILK CHANNEL (W)
271	RH-872	300' N/O SE PIER (GOVERNOR ISLAND)	40	41	5	74	1	17	24" DIA	BUTTERMILK CHANNEL (W)
272	RH-860	425' N/O SE PIER (GOVERNOR ISLAND)	40	41	6	74	1	16	8" DIA	BUTTERMILK CHANNEL (W)
273	RH-871	5' S/O 2ND PIER (GOVERNOR ISLAND)	40	41	6	74	1	15	8" DIA	BUTTERMILK CHANNEL (W)
274	RH-870	250' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	8	74	1	12	6" DIA	BUTTERMILK CHANNEL (W)
275	RH-461	300' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	8	74	1	11	4" DIA	BUTTERMILK CHANNEL (W)
276	RH-869	400' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	9	74	1	10	15" DIA	BUTTERMILK CHANNEL (W)
277	RH-462	410' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	9	74	1	10	4" DIA	BUTTERMILK CHANNEL (W)
278	RH-868	450' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	9	74	1	9	8" DIA	BUTTERMILK CHANNEL (W)
279	RH-463	500' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	9	74	1	8	3" DIA	BUTTERMILK CHANNEL (W)
280	RH-464	502' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	9	74	1	8	3" DIA	BUTTERMILK CHANNEL (W)
281	RH-867	625' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	10	74	1	7	8" DIA	BUTTERMILK CHANNEL (W)
282	RH-465	700' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	11	74	1	6	3" DIA	BUTTERMILK CHANNEL (W)
283	RH-866	800' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	11	74	1	5	8" DIA	BUTTERMILK CHANNEL (W)
284	RH-466	900' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	12	74	1	3	6" DIA	BUTTERMILK CHANNEL (W)
285	RH-865	1000' N/O 2ND PIER (GOVERNOR ISLAND)	40	41	12	74	1	2	10" DIA	BUTTERMILK CHANNEL (W)
286	RH-864	75' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	13	74	1	0	15" DIA	BUTTERMILK CHANNEL (W)
287	RH-863	125' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	13	74	0	60	18" DIA	BUTTERMILK CHANNEL (W)
288	RH-862	135' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	13	74	0	60	8" DIA	BUTTERMILK CHANNEL (W)
289	RH-861	225' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	14	74	0	58	8" DIA	BUTTERMILK CHANNEL (W)
290	RH-887	235' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	14	74	0	58	24" DIA	BUTTERMILK CHANNEL (W)
291	RH-886	450' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	14	74	0	55	6" DIA	BUTTERMILK CHANNEL (W)
292	RH-885	650' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	15	74	0	52	18" DIA	BUTTERMILK CHANNEL (W)
293	RH-884	800' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	16	74	0	51	12" DIA	BUTTERMILK CHANNEL (W)
294	RH-467	875' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	16	74	0	50	6" DIA	BUTTERMILK CHANNEL (W)
295	RH-468	950' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	17	74	0	49	4" DIA	BUTTERMILK CHANNEL (W)
296	RH-883	1050' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	17	74	0	48	6" DIA	BUTTERMILK CHANNEL (W)
297	RH-882	1400' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	21	74	0	45	8" DIA	BUTTERMILK CHANNEL (W)
298	RH-881	1500' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	22	74	0	44	18" DIA	BUTTERMILK CHANNEL (W)
299	RH-880	1600' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	23	74	0	44	6" DIA	BUTTERMILK CHANNEL (W)
300	RH-879	1700' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	24	74	0	44	6" DIA	BUTTERMILK CHANNEL (W)
301	RH-878	1750' N/O NORTH PIER (GOVERNOR ISLAND)	40	41	25	74	0	44	6" DIA	BUTTERMILK CHANNEL (W)
302	RH-877	20' S/O BOATHOUSE (GOVERNOR ISLAND)	40	41	26	74	0	44	12" DIA	BUTTERMILK CHANNEL (W)
303	RH-876	400' S/O AIRSHAFT (GOVERNOR ISLAND)	40	41	28	74	0	45	15" DIA	BUTTERMILK CHANNEL (W)
304	RH-875	325' S/O AIRSHAFT JETTY (GOVERNOR ISLAND)	40	41	29	74	0	46	12" DIA	BUTTERMILK CHANNEL (W)
305	RH-0005451-001	BROOKLYN-BATTERY TUNNEL AIRSHAFT (GOVERNOR ISLAND)	40	41	32	74	0	42	6" DIA	BUTTERMILK CHANNEL (W)
306	RH-874	50' NW/O AIRSHAFT JETTY (GOVERNOR ISLAND)	40	41	32	74	0	49	6" DIA	EAST RIVER (S)

RED HOOK

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
307	RH-469	175' E/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	34	74	0	52	6" DIA	EAST RIVER (S)
308	RH-402	75' E/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	35	74	0	53	6" DIA	EAST RIVER (S)
309	RH-403	75' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	35	74	0	56	8" DIA	EAST RIVER (S)
310	RH-404	225' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	0	58	8" DIA	EAST RIVER (S)
311	RH-405	300' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	0	60	6" DIA	EAST RIVER (S)
312	RH-406	400' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	1	12" DIA	EAST RIVER (S)
313	RH-407	425' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	2	6" DIA	EAST RIVER (S)
314	RH-408	426' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	2	6" DIA	EAST RIVER (S)
315	RH-409	450' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	2	6" DIA	EAST RIVER (S)
316	RH-410	600' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	5	8" DIA	EAST RIVER (S)
317	RH-411	800' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	8	6" DIA	EAST RIVER (S)
318	RH-412	900' W/O GOVERNOR ISLAND FERRY (GOVERNOR ISLAND)	40	41	36	74	1	10	8" DIA	EAST RIVER (S)
319	RH-413	WEST SIDE OF OLD FORT (GOVERNOR ISLAND)	40	41	35	74	1	12	10" DIA	EAST RIVER (E)
320	RH-414	SOUTHWEST SIDE OF OLD FORT (GOVERNOR ISLAND)	40	41	34	74	1	12	8" DIA	EAST RIVER (E)
321	RH-415	100' S/O OLD FORT (GOVERNOR ISLAND)	40	41	33	74	1	12	8" DIA	EAST RIVER (E)
322	RH-416	300' S/O OLD FORT (GOVERNOR ISLAND)	40	41	31	74	1	13	10" DIA	EAST RIVER (E)
323	RH-417	450' S/O OLD FORT (GOVERNOR ISLAND)	40	41	30	74	1	14	4" DIA	EAST RIVER (E)
324	RH-418	460' S/O OLD FORT (GOVERNOR ISLAND)	40	41	30	74	1	14	10" DIA	EAST RIVER (E)
325	RH-419	550' S/O OLD FORT (GOVERNOR ISLAND)	40	41	29	74	1	15	10" DIA	EAST RIVER (E)
326	RH-420	650' S/O OLD FORT (GOVERNOR ISLAND)	40	41	28	74	1	17	8" DIA	EAST RIVER (E)
327	RH-421	750' S/O OLD FORT (GOVERNOR ISLAND)	40	41	27	74	1	18	6" DIA	EAST RIVER (E)
328	RH-422	900' S/O OLD FORT (GOVERNOR ISLAND)	40	41	25	74	1	19	4" DIA	EAST RIVER (E)
329	RH-423	180' N/O ABSECON ROAD (GOVERNOR ISLAND)	40	41	25	74	1	19	6" DIA	EAST RIVER (E)
330	RH-504	150' N/O ABSECON ROAD (GOVERNOR ISLAND)	40	41	25	74	1	20	10" DIA	EAST RIVER (E)
331	RH-424	75' N/O ABSECON ROAD (GOVERNOR ISLAND)	40	41	24	74	1	21	8" DIA	EAST RIVER (E)
332	RH-425	ABSECON ROAD (GOVERNOR ISLAND)	40	41	23	74	1	21	10" DIA	EAST RIVER (E)
333	RH-426	10' S/O ABSECON ROAD (GOVERNOR ISLAND)	40	41	23	74	1	21	6" DIA	EAST RIVER (E)
334	RH-427	200' N/O ABSECON ROAD (GOVERNOR ISLAND)	40	41	21	74	1	24	12" DIA	EAST RIVER (E)
335	RH-428	20' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	18	74	1	27	10" DIA	EAST RIVER (E)
336	RH-429	200' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	16	74	1	29	12" DIA	EAST RIVER (E)
337	RH-430	250' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	16	74	1	29	6" DIA	EAST RIVER (E)
338	RH-431	400' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	14	74	1	31	12" DIA	EAST RIVER (E)
339	RH-432	600' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	12	74	1	33	12" DIA	EAST RIVER (E)
340	RH-433	650' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	12	74	1	34	8" DIA	EAST RIVER (E)
341	RH-434	1100' S/O BEAR ROAD (GOVERNOR ISLAND)	40	41	7	74	1	36	6" DIA	EAST RIVER (E)
342	RH-435	SOUTHWEST END OF GOVERNOR ISLAND	40	41	5	74	1	35	24" DIA	EAST RIVER (N)
343	RH-436	700' SW/O SE PIER (GOVERNOR ISLAND)	40	41	2	74	1	25	6" DIA	BUTTERMILK CHANNEL (W)
344	RH-437	500' SW/O SE PIER (GOVERNOR ISLAND)	40	41	2	74	1	29	18" DIA	BUTTERMILK CHANNEL (W)
345	RH-438	400' SW/O SE PIER (GOVERNOR ISLAND)	40	41	3	74	1	31	6" DIA	BUTTERMILK CHANNEL (W)
346	RH-439	150' SW/O SE PIER (GOVERNOR ISLAND)	40	41	4	74	1	34	6" DIA	BUTTERMILK CHANNEL (W)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Red Hook
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JAY AVE
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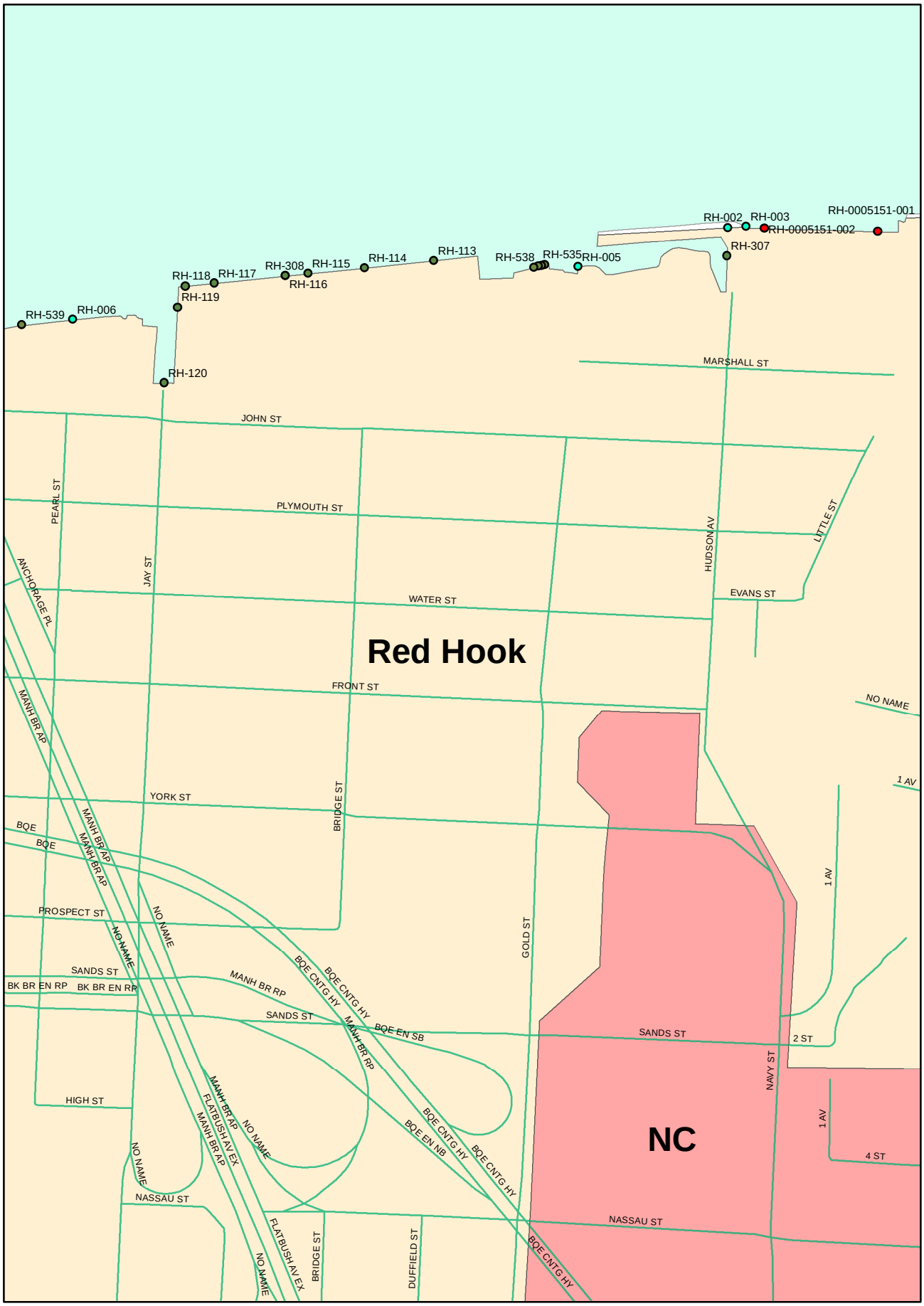
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JOHN ST
PEARL ST
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HUDSON AV
LITTLE ST
ANCHORAGE PL
JAY ST
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EVANS ST
Red Hook
FRONT ST
NO NAME
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GOLD ST
SANDS ST
BK BR EN RP
MANH BR RP
BQE CNTG HY
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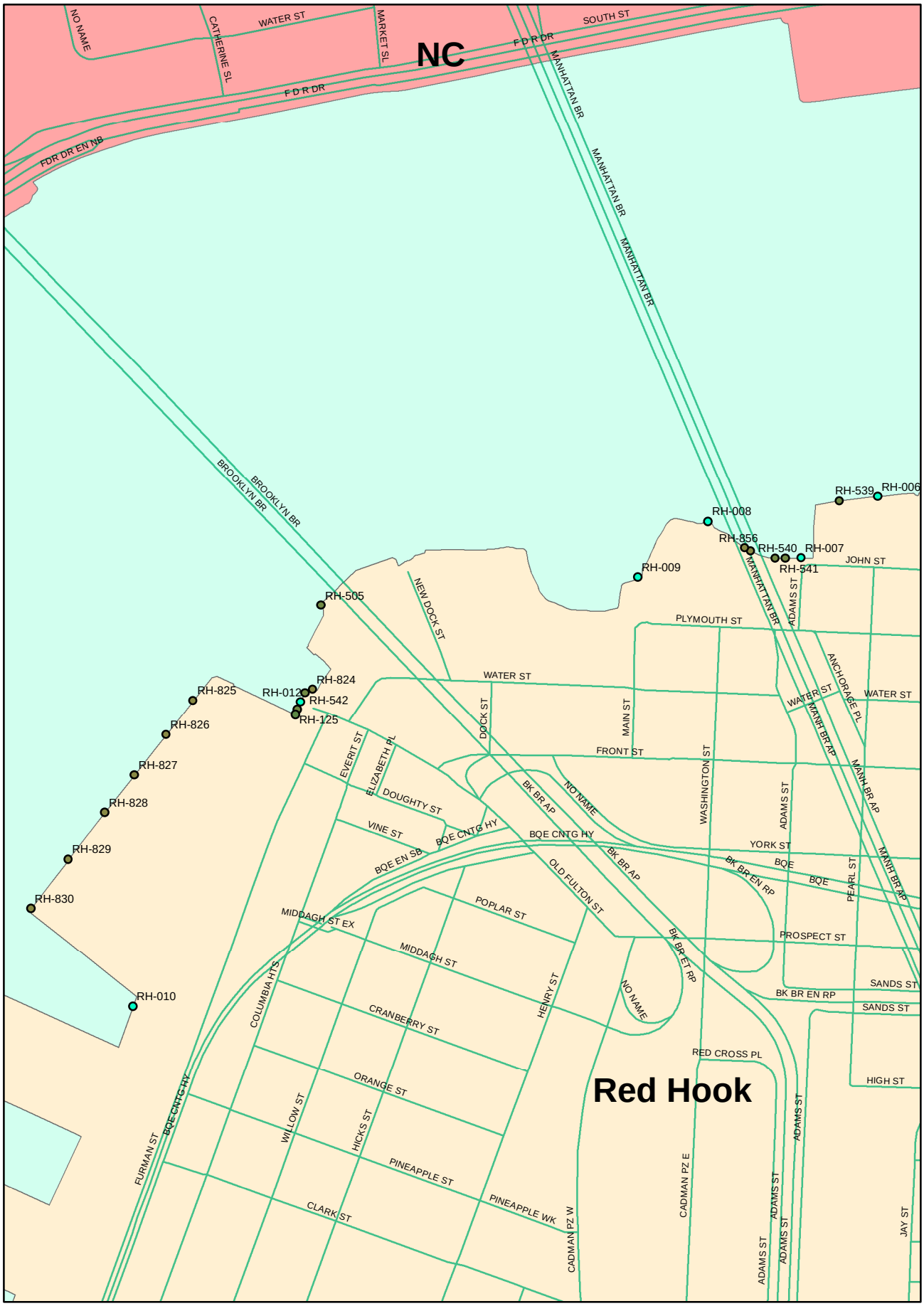
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FRONT ST
EVERIT ST
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DOUGHTY ST
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SANDS ST
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HENRY ST
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Red Hook
WILLOW ST
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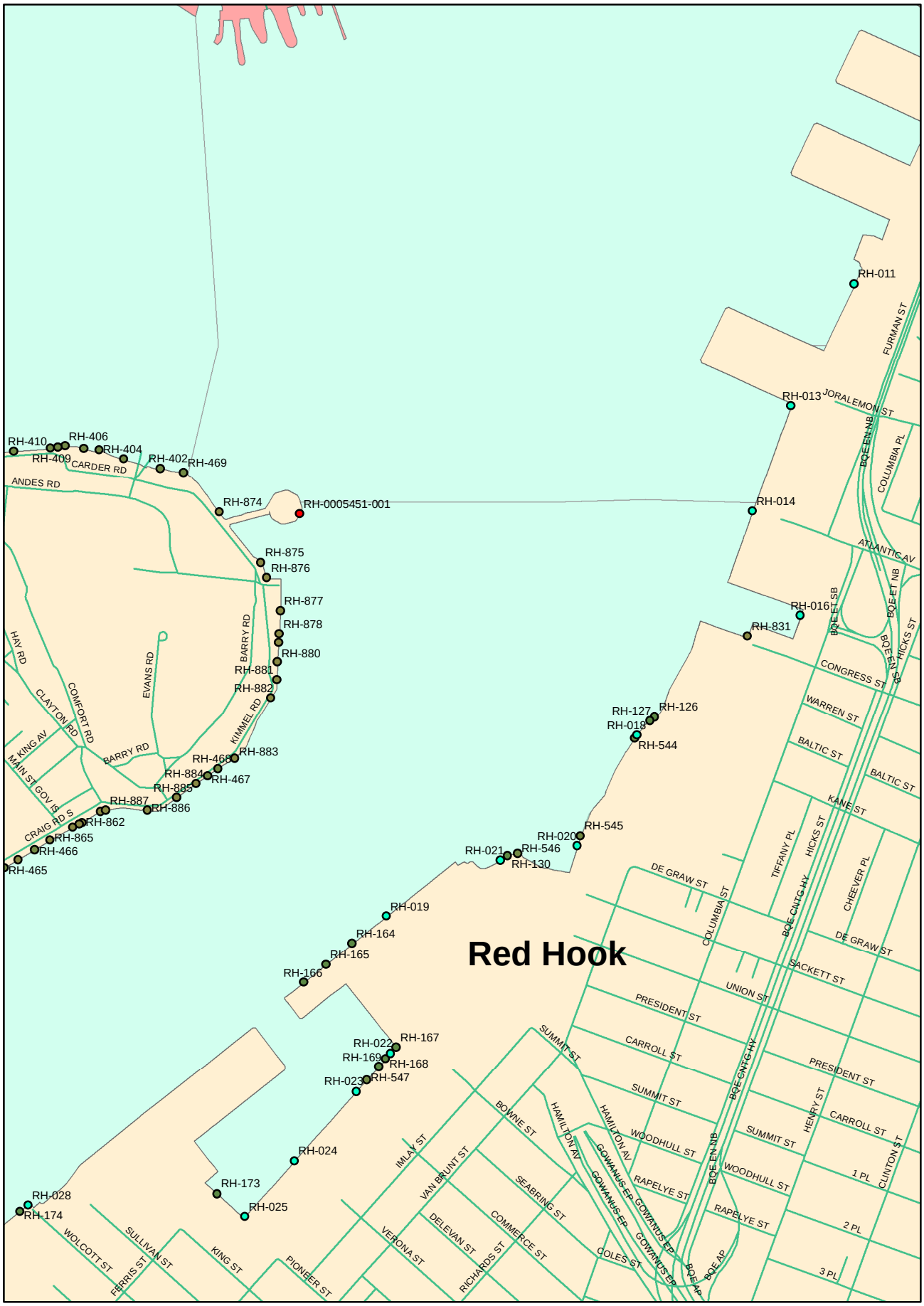
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BARRY RD
EVANS RD
KIMMEL RD
HAY RD
CLAYTON RD
COMFORT RD
KING AV
MAIN ST
GOV IS
CRAIG RD S
FURMAN ST
JORALEMON ST
BQE EN NB
COLUMBIA PL
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BQE ET SB
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HICKS ST
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WARREN ST
BALTIC ST
KANE ST
TIFFANY PL
CHEEVER PL
DE GRAW ST
COLUMBIA ST
BQE CNTG HY
SACKETT ST
UNION ST
PRESIDENT ST
CARROLL ST
SUMMIT ST
HENRY ST
CLINTON ST
1 PL
2 PL
3 PL
WOODHULL ST
RAPELYE ST
BOWNE ST
HAMILTON AV
GOWANUS EP
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BQE AP
IMLAY ST
VAN BRUNT ST
SEABRING ST
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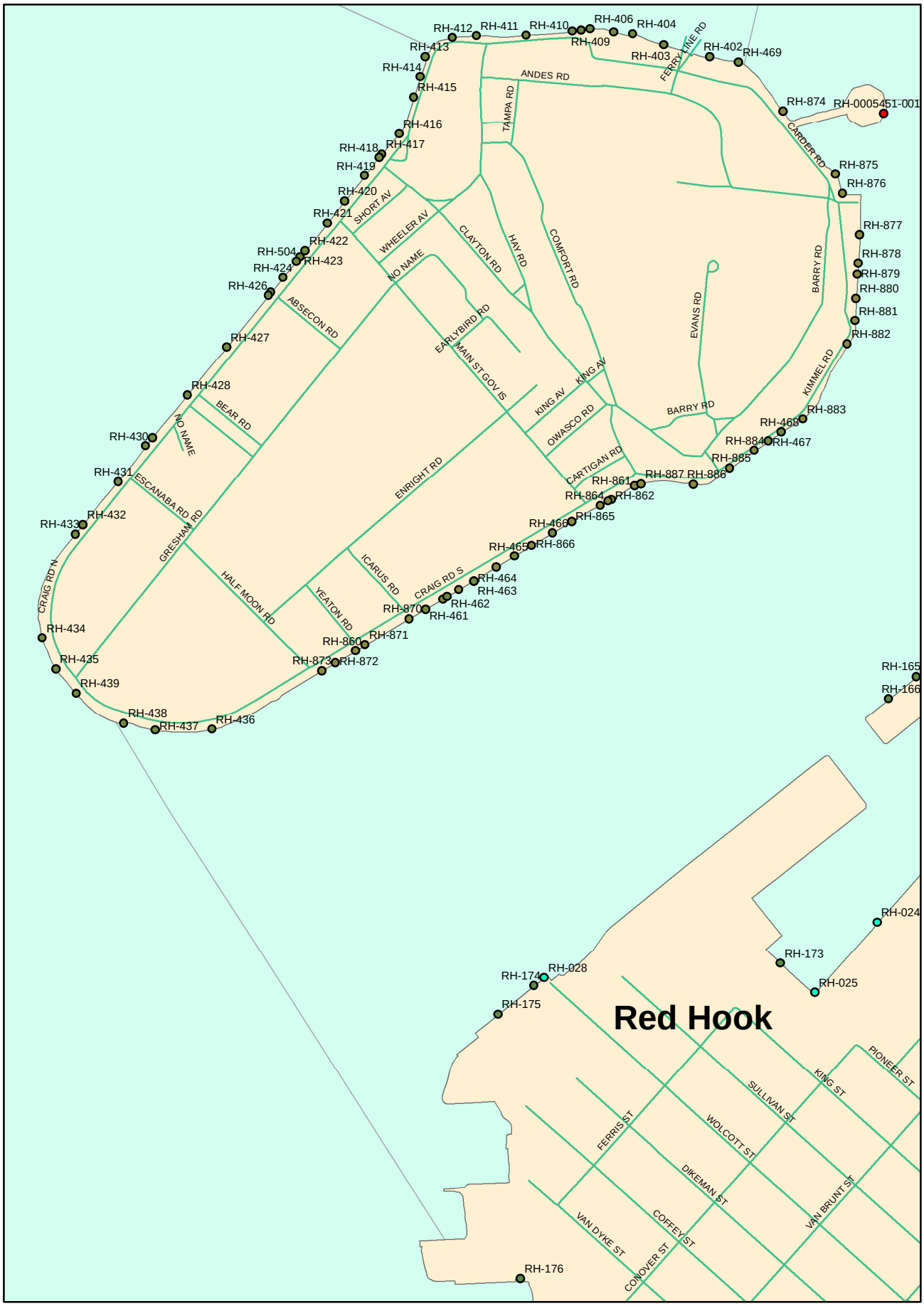
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ANDES RD
RH-415
TAMPA RD
RH-874
RH-0005451-001
RH-416
RH-418
RH-417
CARDER RD
RH-419
RH-875
RH-420
RH-876
SHORT AV
RH-421
WHEELER AV
CLAYTON RD
HAY RD
COMFORT RD
RH-877
RH-422
RH-504
RH-423
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RH-878
RH-424
BARRY RD
RH-879
RH-426
RH-880
ABSECON RD
EVANS RD
RH-881
EARLYBIRD RD
RH-882
RH-427
MAIN ST GOV IS
KING AV
KIMMEL RD
RH-428
KING AV
BEAR RD
BARRY RD
RH-883
OWASCO RD
RH-468
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RH-467
RH-885
CARTIGAN RD
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ESCANABA RD
ENRIGHT RD
RH-887
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RH-861
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RH-432
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RH-433
GRESHAM RD
RH-466
RH-866
RH-465
ICARUS RD
CRAIG RD S
RH-464
RH-463
CRAIG RD N
HALF MOON RD
YEATON RD
RH-462
RH-970
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RH-434
RH-871
RH-860
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RH-873
RH-872
RH-165
RH-439
RH-166
RH-438
RH-437
RH-436
RH-024
RH-173
RH-028
RH-174
RH-025
RH-175
Red Hook
PIONEER ST
KING ST
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DIKEMAN ST
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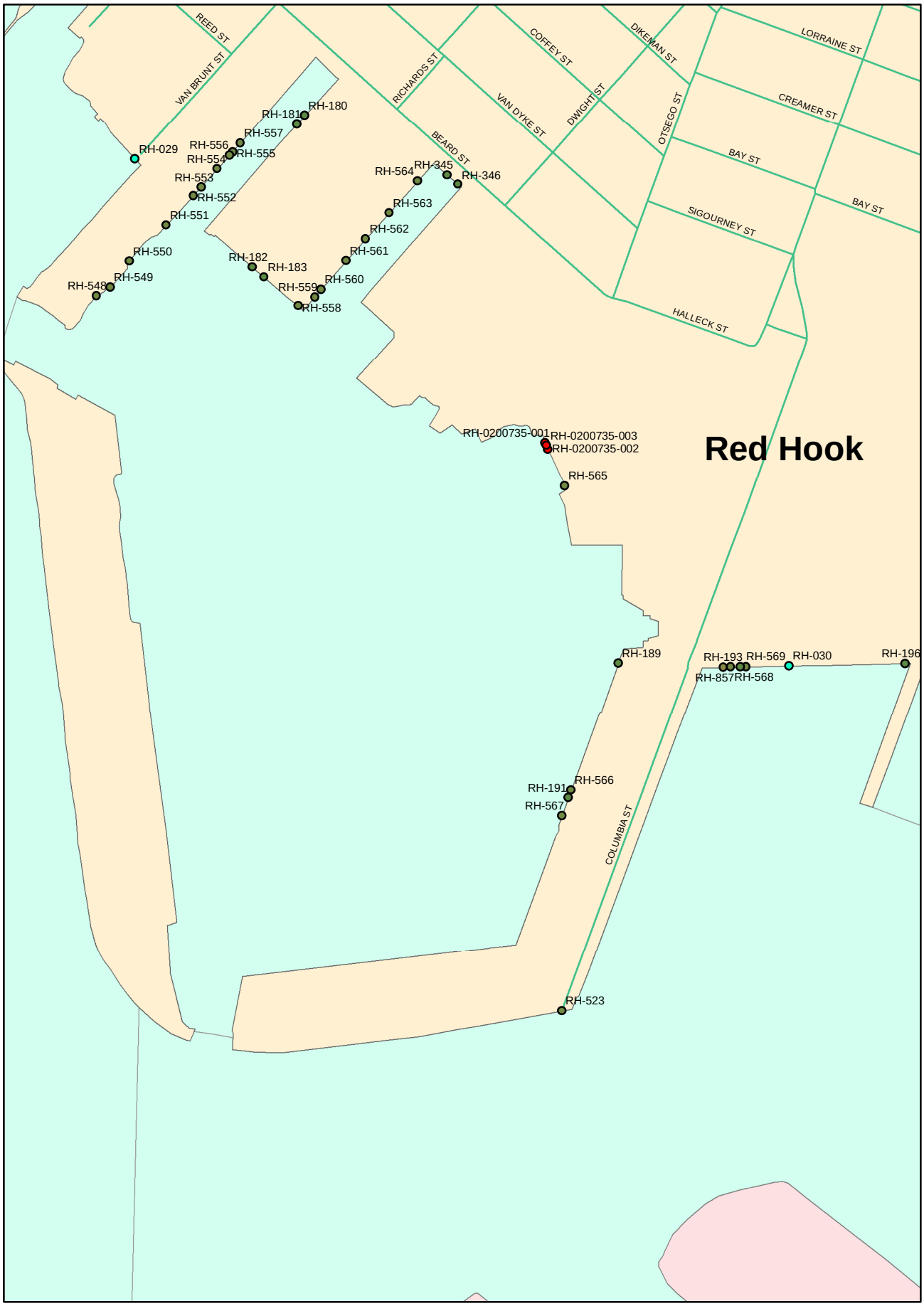
COFFEY ST
VAN DYKE ST
CONOVER ST
RH-176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CREAMER ST
BEARD ST
BAY ST
BAY ST
SIGOURNEY ST
HALLECK ST
COLUMBIA ST
RH-029
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RH-345
RH-346
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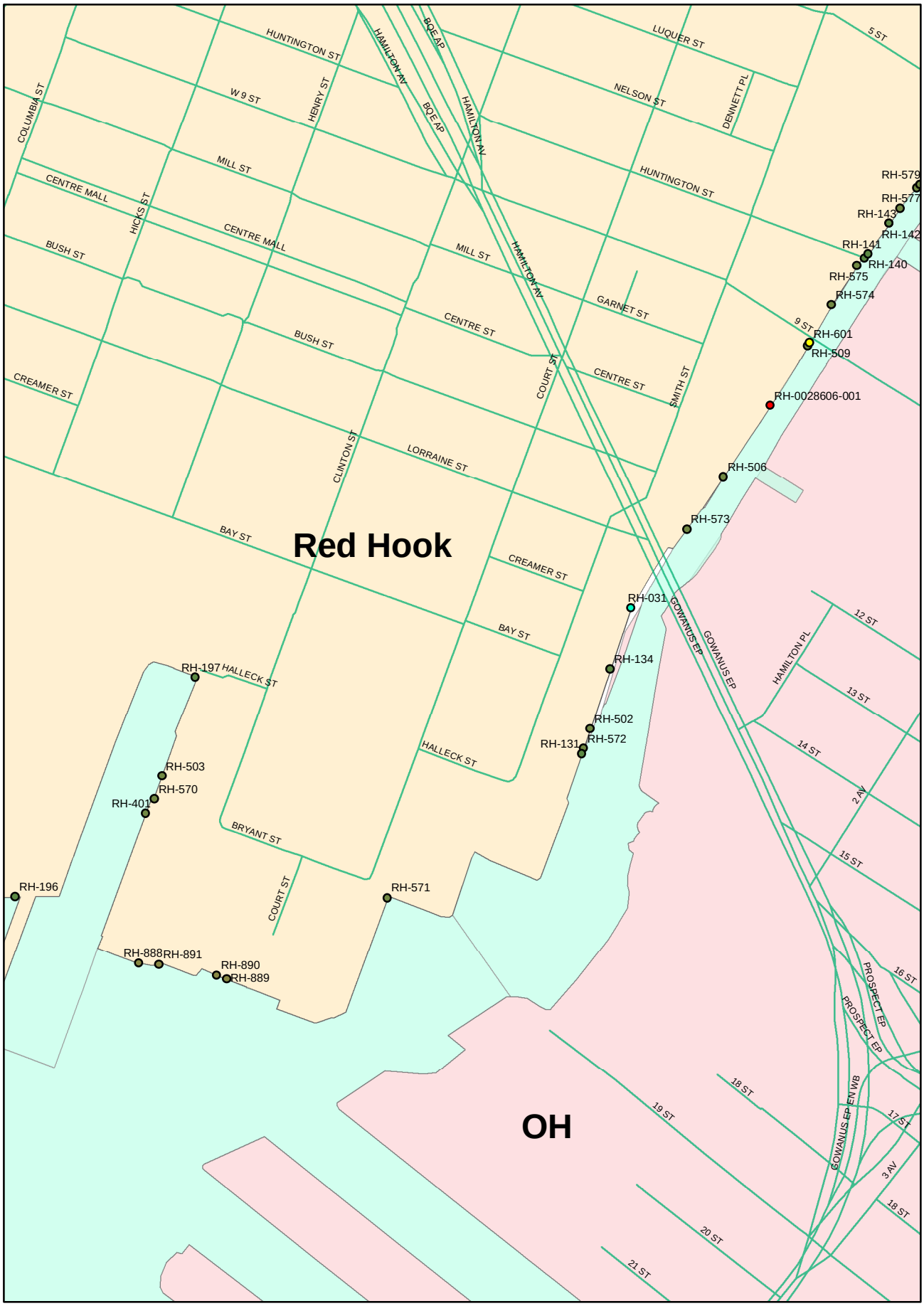
RH-567
RH-523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HENRY ST
NELSON ST
DENNETT PL
COLUMBIA ST
MILL ST
CENTRE MALL
HICKS ST
BUSH ST
GARNET ST
CENTRE ST
9 ST
CREAMER ST
COURT ST
SMITH ST
CLINTON ST
LORRAINE ST
BAY ST
HALLECK ST
BRYANT ST
HAMILTON AV
BQE AP
GOWANUS EP
HAMILTON PL
12 ST
13 ST
14 ST
2 AV
15 ST
16 ST
PROSPECT EP
GOWANUS EP EN WB
17 ST
18 ST
19 ST
20 ST
21 ST
3 AV
RH-579
RH-577
RH-143
RH-142
RH-141
RH-140
RH-575
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RH-601
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RH-573
RH-031
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RH-502
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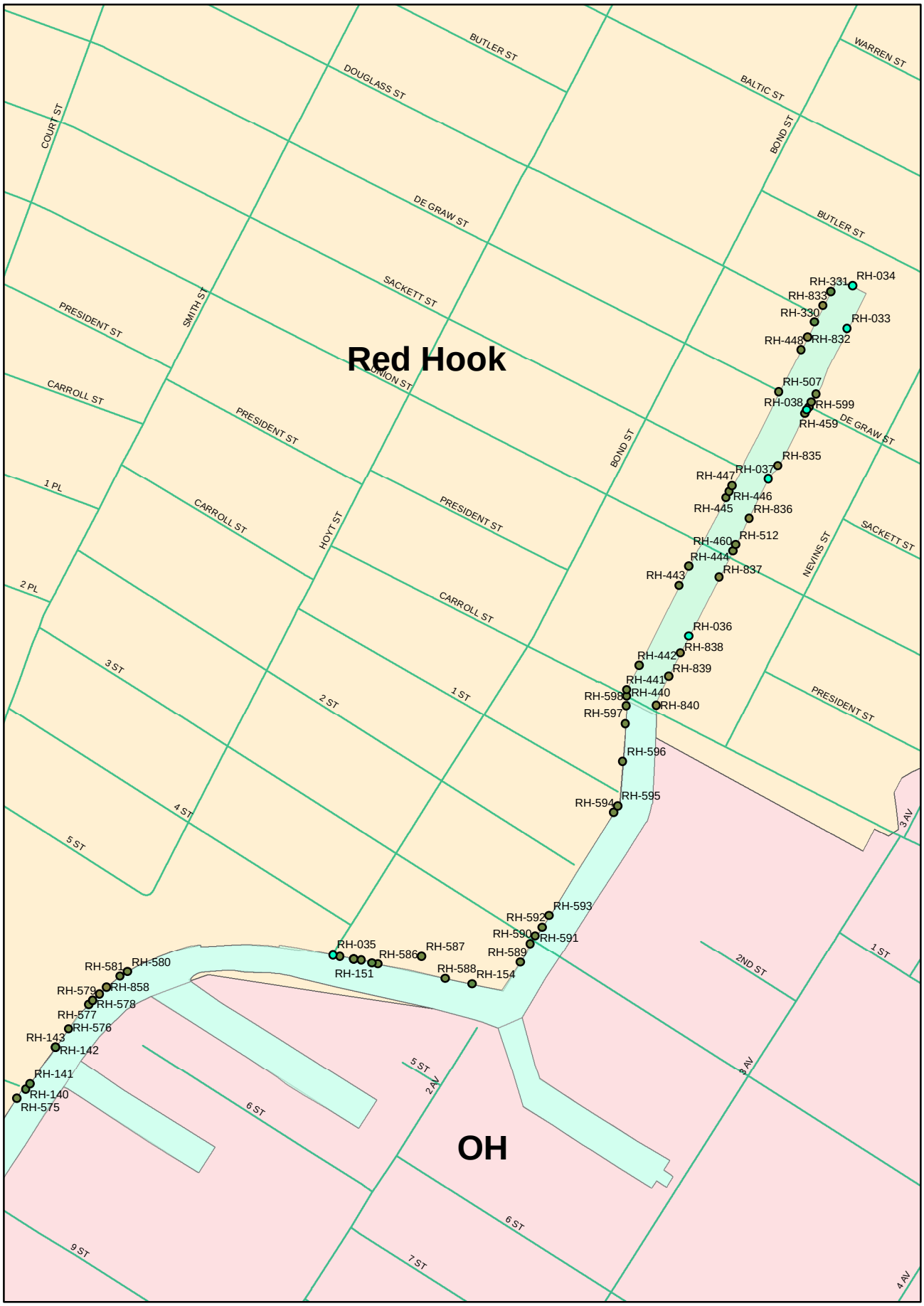
RH-891
RH-890
RH-889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BALTIC ST
COURT ST
BOND ST
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BUTLER ST
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SMITH ST
PRESIDENT ST
UNION ST
CARROLL ST
PRESIDENT ST
BOND ST
DE GRAW ST
1 PL
CARROLL ST
PRESIDENT ST
HOYT ST
SACKETT ST
NEVINS ST
2 PL
CARROLL ST
3 ST
2 ST
1 ST
PRESIDENT ST
4 ST
5 ST
3 AV
1 ST
2ND ST
5 ST
2 AV
3 AV
6 ST
6 ST
9 ST
7 ST
4 AV
RH-034
RH-331
RH-833
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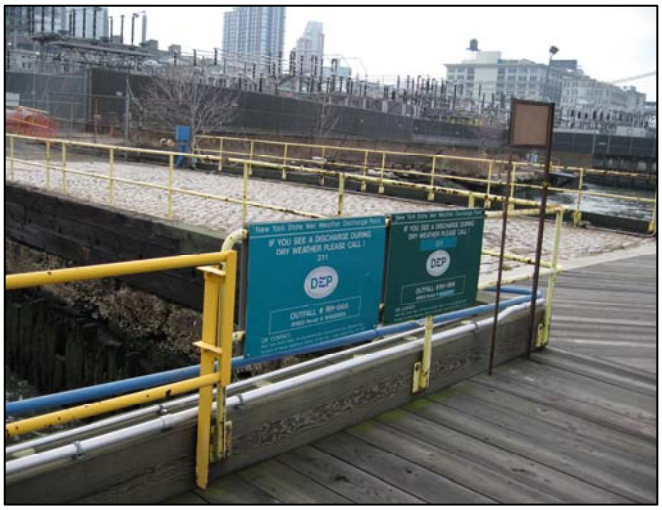
RH-581
RH-580
RH-579
RH-858
RH-578
RH-577
RH-576
RH-143
RH-142
RH-141
RH-140
RH-575

Outfall ID: RH-002
Location: HUDSON AVENUE (REG # R-21A)
Latitude: 40° 42' 21"
Longitude: 73° 58' 51"
Outfall Size: 15" DIA
Receiving Water: EAST RIVER (S)

Outfall ID: RH-003
Location: HUDSON AVENUE (REG # R-21)
Latitude: 40° 42' 21"
Longitude: 73° 58' 51"
Outfall Size: 4' 6" X 7' 3"
Receiving Water: EAST RIVER (S)



Outfall ID: RH-005
Location: GOLD STREET (REG # R-20A)
Latitude: 40° 42' 20"
Longitude: 73° 58' 57"
Outfall Size: 168" DIA
Receiving Water: EAST RIVER (S)

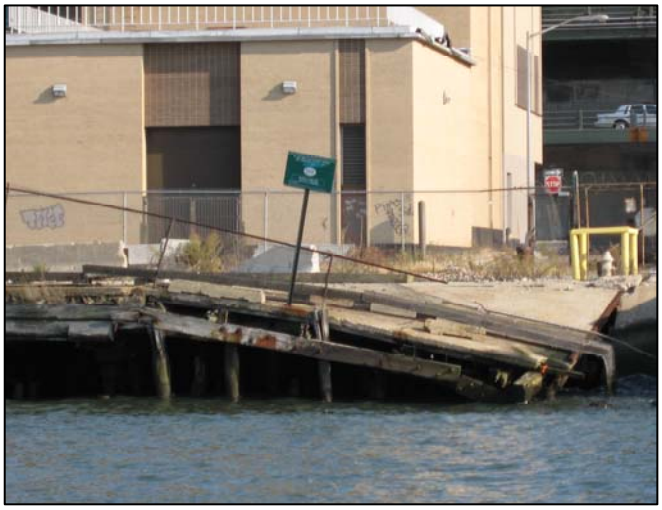
Outfall ID: RH-006
Location: PEARL STREET (REG # R-19A)
Latitude: 40° 42' 19"
Longitude: 73° 59' 15"
Outfall Size: 36" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: RH-007
Location: ADAMS STREET (REG # R-19)
Latitude: 40° 42' 16"
Longitude: 73° 59' 18"
Outfall Size: 15" DIA
Receiving Water: EAST RIVER (E)

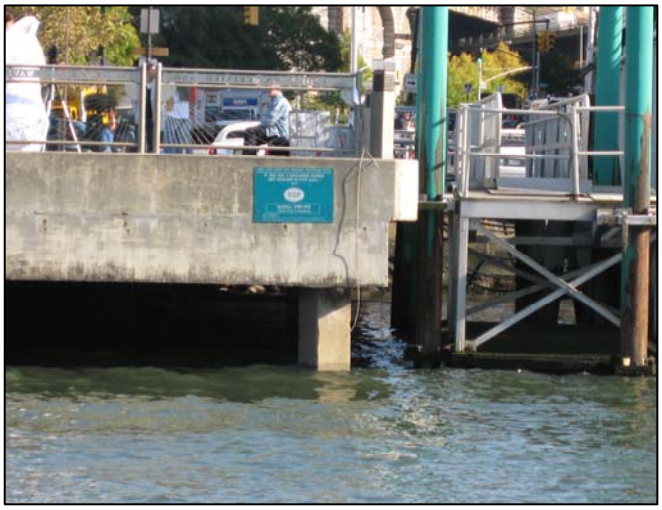
Outfall ID: RH-008
Location: WASHINGTON STREET (REG # R-18A)
Latitude: 40° 42' 18"
Longitude: 73° 59' 23"
Outfall Size: 36" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: RH-009
Location: MAIN STREET (REG # R-18)
Latitude: 40° 42' 16"
Longitude: 73° 59' 26"
Outfall Size: 36" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: RH-010
Location: ORANGE STREET (REG # R-16)
Latitude: 40° 42' 0"
Longitude: 73° 59' 50"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER (E)



Outfall ID: RH-011
Location: MONTAGUE STREET (REG # R-15)
Latitude: 40° 41' 46"
Longitude: 73° 59' 59"
Outfall Size: 4' 0" X 4' 0"
Receiving Water: EAST RIVER (E)



Outfall ID: RH-012
Location: CADMAN PLAZA (REG # R-17)
Latitude: 40° 42' 11"
Longitude: 73° 59' 42"
Outfall Size: 6' 0" X 6' 0"
Receiving Water: EAST RIVER (E)

Outfall ID: RH-013
Location: JORALEMON STREET (REG # R-14)
Latitude: 40° 41' 38"
Longitude: 74° 0' 4"
Outfall Size: 18" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: RH-014
Location: ATLANTIC AVENUE (REG # R-13)
Latitude: 40° 41' 32"
Longitude: 74° 0' 7"
Outfall Size: 36" DIA
Receiving Water: EAST RIVER (E)

Outfall ID: RH-016
Location: AMITY STREET (REG # R-12)
Latitude: 40° 41' 26"
Longitude: 74° 0' 3"
Outfall Size: 8' 6" X 8' 6"
Receiving Water: EAST RIVER (E)

Outfall ID: RH-018
Location: KANE STREET (REG # R-11)
Latitude: 40° 41' 19"
Longitude: 74° 0' 16"
Outfall Size: 3' 9" X 5' 7"
Receiving Water: EAST RIVER (E)

Outfall ID: RH-019
Location: HAMILTON AVENUE (REG # R-9)
Latitude: 40° 41' 8"
Longitude: 74° 0' 36"
Outfall Size: 8' 6" X 6'
Receiving Water: BUTTERMILK CHANNEL (E)

Outfall ID: RH-020
Location: DEGRAW STREET (REG # R-10)
Latitude: 40° 41' 12"
Longitude: 74° 0' 20"
Outfall Size: 18" DIA
Receiving Water: BUTTERMILK CHANNEL (E)

Outfall ID: RH-021
Location: SACKETT STREET (REG # R-9A)
Latitude: 40° 41' 11"
Longitude: 74° 0' 27"
Outfall Size: 48" DIA
Receiving Water: BUTTERMILK CHANNEL (E)

Outfall ID: RH-022
Location: BOWNE STREET (REG # R-8)
Latitude: 40° 40' 59"
Longitude: 74° 0' 35"
Outfall Size: 24" DIA
Receiving Water: ATLANTIC BASIN (E)

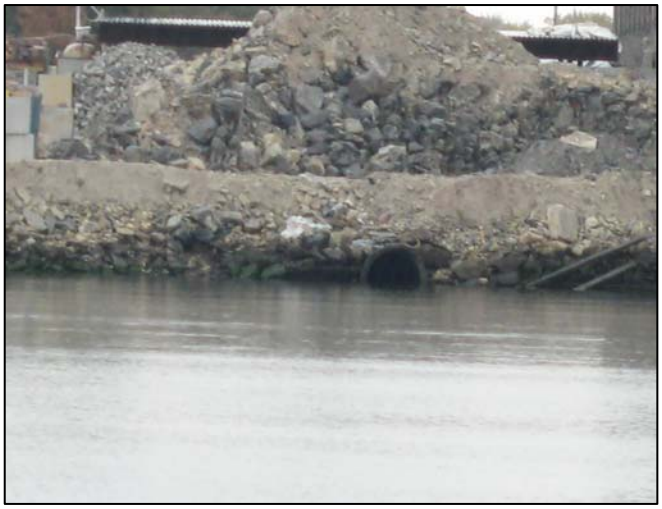
Outfall ID: RH-023
Location: COMMERCE STREET (REG # R-7)
Latitude: 40° 40' 57"
Longitude: 74° 0' 38"
Outfall Size: 24" DIA
Receiving Water: ATLANTIC BASIN (E)

Outfall ID: RH-024
Location: VERONA STREET (REG # R-6)
Latitude: 40° 40' 53"
Longitude: 74° 0' 43"
Outfall Size: 24" DIA
Receiving Water: ATLANTIC BASIN (E)

Outfall ID: RH-025
Location: PIONEER STREET (REG # R-5)
Latitude: 40° 40' 50"
Longitude: 74° 0' 47"
Outfall Size: 2' 4" X 2'
Receiving Water: ATLANTIC BASIN (E)

Outfall ID: RH-028
Location: WOLCOTT STREET (REG # R-2)
Latitude: 40° 40' 50"
Longitude: 74° 1' 4"
Outfall Size: 72" DIA
Receiving Water: BUTTERMILK CHANNEL (E)

Outfall ID: RH-029
Location: VAN BRUNT STREET (REG # R-1)
Latitude: 40° 40' 25"
Longitude: 74° 1' 2"
Outfall Size: 30" DIA
Receiving Water: UPPER NEW YORK BAY (N)



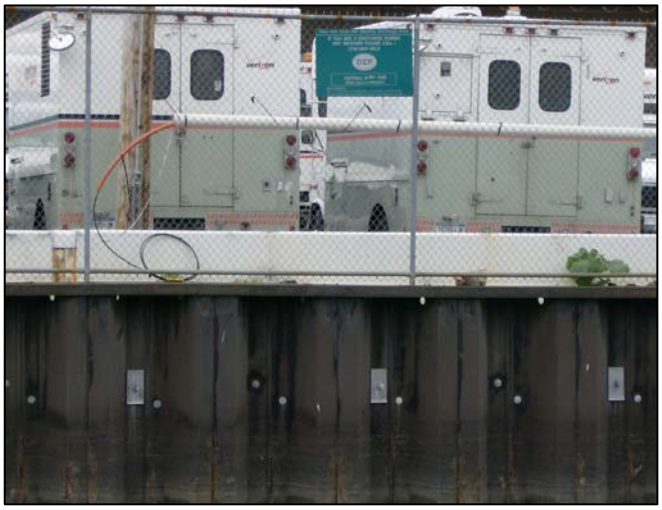
Outfall ID: RH-030
Location: HICKS STREET
Latitude: 40° 40' 7"
Longitude: 74° 0' 31"
Outfall Size: 42" DIA
Receiving Water: GOWANUS CREEK (N)

Outfall ID: RH-031
Location: CREAMER STREET Latitude: 40° 40' 17"
Longitude: 73° 59' 56"
Outfall Size: 72" DIA
Receiving Water: GOWANUS CREEK (W)

Outfall ID: RH-033
Location: DOUGLASS STREET (REG # R-25)
Latitude: 40° 40' 53"
Longitude: 73° 59' 13"
Outfall Size: 3' 2" X 3'
Receiving Water: GOWANUS CANAL (E)

Outfall ID: RH-034
Location: HEAD OF GOWNAUS CANAL (GOWANUS PUMPING STATION)
Latitude: 40° 40' 54"
Longitude: 73° 59' 13"
Outfall Size: 4BL 8' X 8'
Receiving Water: HEAD OF GOWANUS CANAL

Outfall ID: RH-035
Location: BOND STREET
Latitude: 40° 40' 34"
Longitude: 73° 59' 33"
Outfall Size: DBL 24" DIA
Receiving Water: GOWANUS CANAL (N)



Outfall ID: RH-036
Location: PRESIDENT STREET (REG # R-23)
Latitude: 40° 40' 44"
Longitude: 73° 59' 19"
Outfall Size: 18" DIA
Receiving Water: GOWANUS CANAL (E)

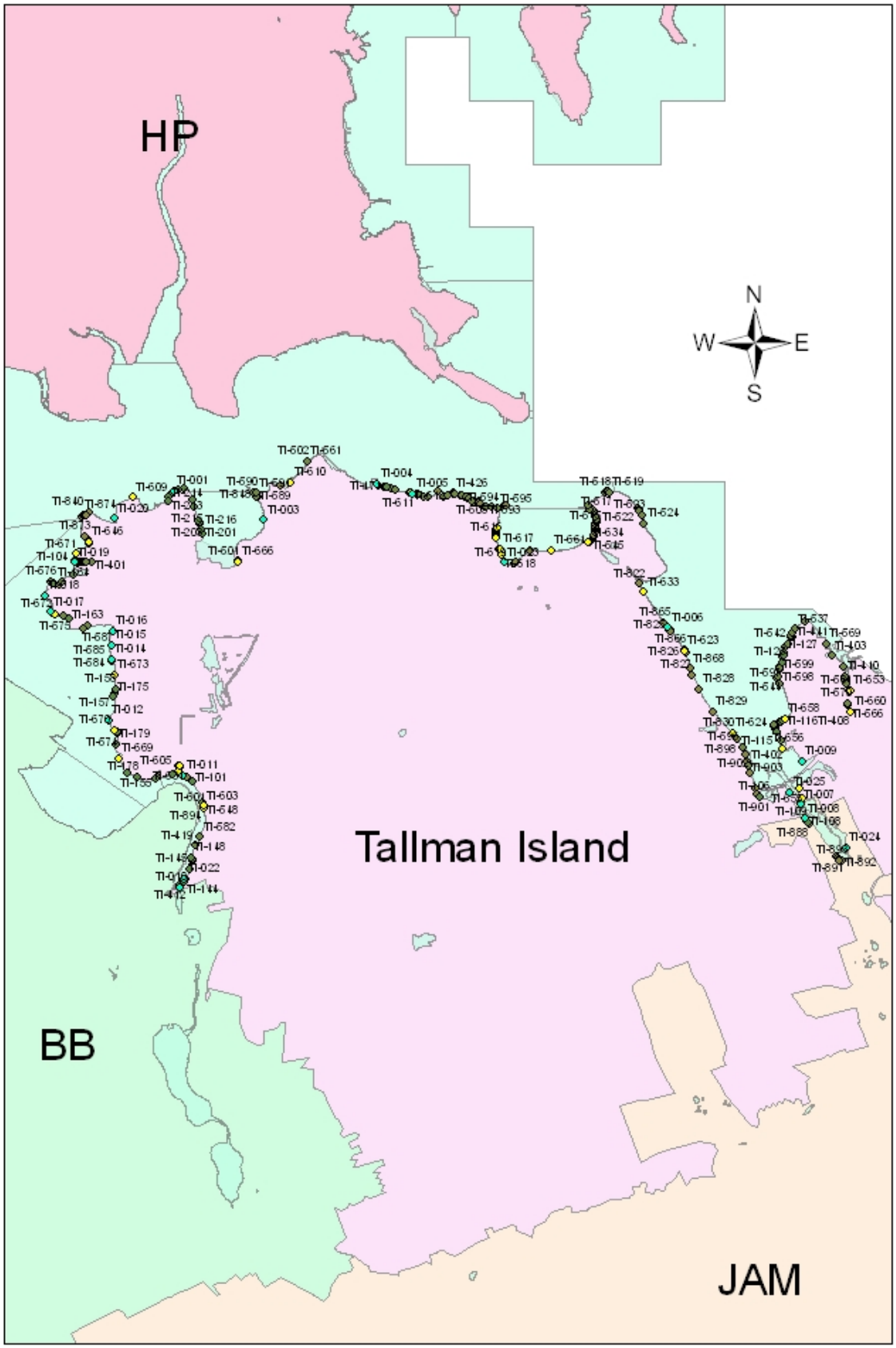
Outfall ID: RH-037
Location: SACKETT STREET (REG # R-23)
Latitude: 40° 40' 48"
Longitude: 73° 59' 16"
Outfall Size: 18" DIA
Receiving Water: GOWANUS CANAL (E)

Outfall ID: RH-038
Location: DEGRAW STREET (REG # R-24)
Latitude: 40° 40' 50"
Longitude: 73° 59' 14"
Outfall Size: 12' 0" X 5' 2-1/2"
Receiving Water: GOWANUS CANAL (E)

Outfall ID: RH-040
Location: EAST RIVER & NAVY YARD
Latitude: 40° 42' 12"
Longitude: 73° 58' 39"
Outfall Size: 72" DIA
Receiving Water: EAST RIVER

Outfall ID: RH-001
Location: RED HOOK W.P.C.P. OUTFALL
Latitude: 40° 42' 15"
Longitude: 73° 58' 38"
Outfall Size: 96" DIA
Receiving Water: EAST RIVER

TALLMAN ISLAND DRAINAGE AREA



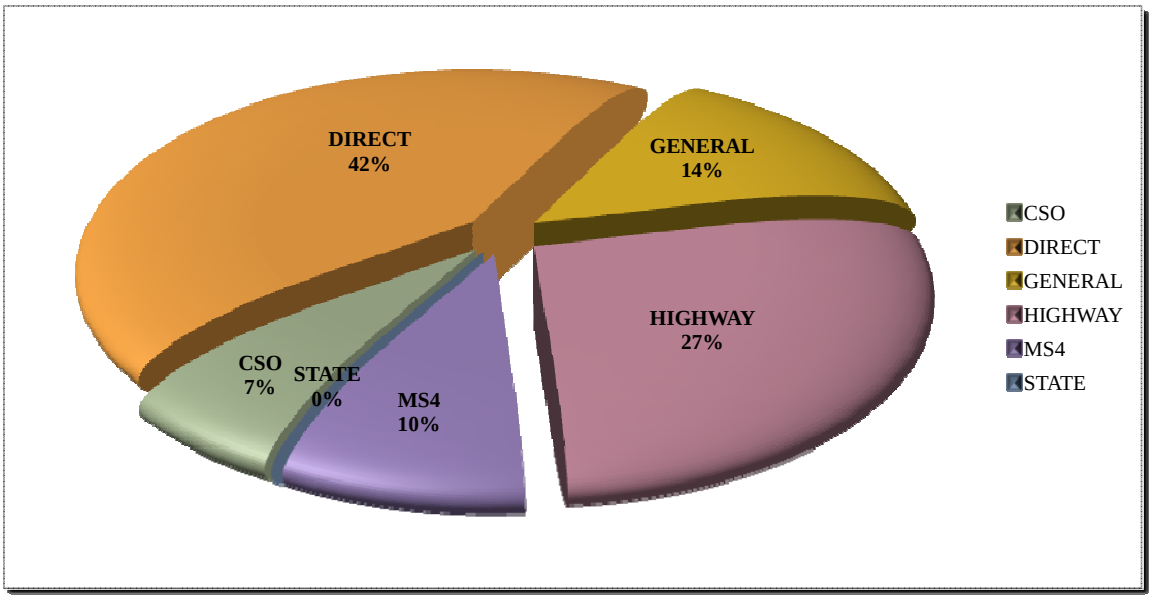
TALLMAN ISLAND SURVEY REPORT

The survey of the entire drainage area of Tallman Island, 23.91 miles of shoreline, resulted in the identification of 325 outfalls. The outfalls consist of 22 combined sewer overflow outfalls, 89 highway outfalls, 45 general outfalls, 138 direct discharge outfalls, 31 storm outfalls and 0 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Tallman Island Water Pollution Control Plant receives flow from the northeast section of Queens. Most of the drainage area was inspected by boat and inflatable raft with the exception of Udalls Cove, Alley Creek, Alley Pond and the lower portion of Little Neck Bay, which were surveyed by land due to shallow water.

The survey began on the east side of Flushing River, south of Roosevelt Avenue and proceeded up north along Flushing Bay, entering the East River then continued surveying eastward covering Powell's Cove, Little Bay, Fort Tottan and Little Neck Bay. Finally, the survey of the drainage area was completed by investigating Udalls Cove, Alley Creek and Alley Pond by land.

Percentile representation of Tallman Island outfalls



TALLMAN ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	TI-010	ROOSEVELT AVENUE (REG # 30, 31, 40, 44)	40	45	14	73	50	24	3BL 18' 6" X 10'	FLUSHING RIVER (E)
2	TI-411	105' N/O LONG ISLAND RAILROAD BRIDGE	40	45	15	73	50	23	18" DIA	FLUSHING RIVER (E)
3	TI-412	125' N/O LONG ISLAND RAILROAD BRIDGE	40	45	15	73	50	23	12" DIA	FLUSHING RIVER (E)
4	TI-144	40' S/O 40TH ROAD	40	45	17	73	50	21	12" DIA	FLUSHING RIVER (E)
5	TI-022	40TH ROAD (REG # 55 - 58)	40	45	18	73	50	21	7' X 6' 6"	FLUSHING RIVER (E)
6	TI-143	5' N/O 40TH ROAD (REG # 55 - 58)	40	45	18	73	50	21	12" DIA	FLUSHING RIVER (E)
7	TI-145	300' S/O ROOSEVELT AVENUE	40	45	22	73	50	19	18" DIA	FLUSHING RIVER (E)
8	TI-546	100' S/O ROOSEVELT AVENUE	40	45	25	73	50	17	4" DIA	FLUSHING RIVER (E)
9	TI-413	75' S/O ROOSEVELT AVENUE	40	45	25	73	50	17	6" DIA	FLUSHING RIVER (E)
10	TI-547	50' S/O ROOSEVELT AVENUE	40	45	25	73	50	17	10" DIA	FLUSHING RIVER (E)
11	TI-148	30' S/O ROOSEVELT AVENUE	40	45	26	73	50	17	18" DIA	FLUSHING RIVER (E)
12	TI-414	20' S/O ROOSEVELT AVENUE	40	45	26	73	50	17	12" DIA	FLUSHING RIVER (E)
13	TI-568	10' S/O ROOSEVELT AVENUE	40	45	26	73	50	17	4" DIA	FLUSHING RIVER (E)
14	TI-415	5' S/O ROOSEVELT AVENUE	40	45	26	73	50	17	8" DIA	FLUSHING RIVER (E)
15	TI-416	ROOSEVELT AVENUE (SOUTH SIDE)	40	45	26	73	50	17	18" DIA	FLUSHING RIVER (E)
16	TI-417	ROOSEVELT AVENUE (NORTH SIDE)	40	45	26	73	50	17	18" DIA	FLUSHING RIVER (E)
17	TI-418	10' N/O ROOSEVELT AVENUE	40	45	26	73	50	17	10" DIA	FLUSHING RIVER (E)
18	TI-801	39TH AVENUE	40	45	31	73	50	15	10" DIA	FLUSHING RIVER (E)
19	TI-419	39TH AVENUE	40	45	31	73	50	15	10" DIA	FLUSHING RIVER (E)
20	TI-582	300' N/O 39TH AVENUE	40	45	34	73	50	13	6" DIA	FLUSHING RIVER (E)
21	TI-802	S/O NORTHERN BOULEVARD	40	45	45	73	50	11	6" DIA	FLUSHING RIVER (E)
22	TI-601	NORTHERN BOULEVARD (SOUTH SIDE)	40	45	45	73	50	11	30" DIA	FLUSHING RIVER (E)
23	TI-834	UNDER NORTHERN BOULEVARD BRIDGE	40	45	46	73	50	11	6" DIA	FLUSHING RIVER (E)
24	TI-835	UNDER NORTHERN BOULEVARD BRIDGE	40	45	46	73	50	11	6" DIA	FLUSHING RIVER (E)
25	TI-836	UNDER NORTHERN BOULEVARD BRIDGE	40	45	46	73	50	11	6" DIA	FLUSHING RIVER (E)
26	TI-837	UNDER NORTHERN BOULEVARD BRIDGE (SOUTH SIDE)	40	45	46	73	50	11	6" DIA	FLUSHING RIVER (E)
27	TI-838	UNDER NORTHERN BOULEVARD BRIDGE (NORTH SIDE)	40	45	46	73	50	11	6" DIA	FLUSHING RIVER (E)
28	TI-839	UNDER NORTHERN BOULEVARD BRIDGE (NORTH SIDE)	40	45	46	73	50	11	6" DIA	FLUSHING RIVER (E)
29	TI-894	UNDER NORTHERN BOULEVARD	40	45	46	73	50	11	24" DIA	FLUSHING RIVER (E)
30	TI-603	NORTHERN BOULEVARD (NORTH SIDE)	40	45	46	73	50	11	27" DIA	FLUSHING RIVER (E)
31	TI-548	100' N/O NORTHERN BOULEVARD	40	45	48	73	50	11	3" DIA PVC	FLUSHING RIVER (E)
32	TI-101	300' S/O WHITESTONE EXPRESSWAY	40	45	56	73	50	17	12" DIA	FLUSHING RIVER (E)
33	TI-803	WHITESTONE EXPRESSWAY (SOUTH SIDE)	40	45	57	73	50	20	4" DIA	FLUSHING RIVER (N)
34	TI-011	32ND AVENUE (REG # 51 - 54)	40	45	58	73	50	22	DBL 8' X 8'	FLUSHING RIVER (N)
35	TI-904	25' W/O 32ND AVENUE (REG # 51 - 54)	40	45	58	73	50	22	66" DIA	FLUSHING RIVER (N)
36	TI-631	31ST ROAD	40	46	2	73	50	23	54" DIA	FLUSHING RIVER (N)
37	TI-177	15' W/O OPPOSITE 31ST ROAD	40	46	1	73	50	23	24" DIA FLAP	FLUSHING RIVER (N)
38	TI-804	E/O COLLEGE POINT BOULEVARD	40	46	2	73	50	24	8" DIA	FLUSHING RIVER (N)
39	TI-805	E/O COLLEGE POINT BOULEVARD	40	46	1	73	50	24	10" DIA	FLUSHING RIVER (W)
40	TI-605	300' W/O WHITESTONE EXPRESSWAY	40	45	60	73	50	24	6' 9" X 4' 11"	FLUSHING RIVER (N)
41	TI-152	500' W/O WHITESTONE EXPRESSWAY	40	45	58	73	50	27	10" DIA	FLUSHING RIVER (E)
42	TI-153	S/O 125TH STREET	40	45	57	73	50	36	12" DIA	FLUSHING RIVER (S)
43	TI-154	20' SE/O 125TH STREET	40	45	57	73	50	35	12" DIA	FLUSHING RIVER (S)
44	TI-908	60' SE/O 125TH STREET	40	45	57	73	50	35	36" DIA	FLUSHING RIVER (S)
45	TI-178	123RD STREET	40	45	57	73	50	45	24" DIA	FLUSHING BAY (E)
46	TI-155	150' W/O 123RD STREET	40	45	59	73	50	50	4" DIA	FLUSHING BAY (E)
47	TI-179	S/O 31ST AVENUE	40	46	10	73	50	56	48" DIA	FLUSHING BAY (E)
48	TI-572	25' N/O NORTH SHORE MTS	40	46	14	73	50	55	24" DIA	FLUSHING BAY (E)
49	TI-574	50' N/O NORTH SHORE MTS	40	46	15	73	50	55	24" DIA	FLUSHING BAY (E)
50	TI-670	100' N/O NORTH SHORE M.T.S.	40	46	16	73	50	56	60" DIA	FLUSHING BAY (E)
51	TI-012	29TH AVENUE (REG # 9)	40	46	19	73	50	60	10" DIA	FLUSHING BAY (E)

TALLMAN ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	TI-583	N/O 29TH AVENUE	40	46	20	73	50	60	4" DIA PVC	FLUSHING BAY (E)
53	TI-175	N/O 26TH AVENUE	40	46	28	73	50	57	48" DIA	FLUSHING BAY (E)
54	TI-157	S/O GRAHAM COURT	40	46	30	73	50	57	10" DIA	FLUSHING BAY (E)
55	TI-158	N/O GRAHAM COURT	40	46	32	73	50	56	10" DIA	FLUSHING BAY (E)
56	TI-669	15' S/O 31ST ROAD	40	46	5	73	50	54	24" DIA	FLUSHING BAY (E)
57	TI-584	S/O 23RD AVENUE	40	46	43	73	50	58	6" DIA	FLUSHING BAY (E)
58	TI-585	S/O 23RD AVENUE	40	46	43	73	50	58	6" DIA	FLUSHING BAY (E)
59	TI-014	23RD AVENUE (REG # 7)	40	46	43	73	50	58	12" DIA	FLUSHING BAY (E)
60	TI-015	22ND AVENUE (REG # 6)	40	46	48	73	50	58	1' 3" X 1' 10"	FLUSHING BAY (E)
61	TI-016	20TH AVENUE (REG # 5)	40	46	54	73	50	57	60" DIA	FLUSHING BAY (E)
62	TI-586	114TH STREET	40	46	56	73	51	10	8" DIA	FLUSHING BAY (E)
63	TI-587	50' W/O 114TH STREET	40	46	55	73	51	12	4" DIA	FLUSHING BAY (N)
64	TI-163	300' S/O 15TH AVENUE	40	46	59	73	51	20	12" DIA	FLUSHING BAY (E)
65	TI-575	200' S/O 15TH AVENUE	40	47	0	73	51	22	24" DIA	FLUSHING BAY (E)
66	TI-672	50' N/O 111TH STREET	40	47	1	73	51	27	30" DIA	FLUSHING BAY (N)
67	TI-806	S/O 15TH AVENUE	40	47	1	73	51	28	10" DIA	FLUSHING BAY (E)
68	TI-017	15TH AVENUE (REG # 4)	40	47	2	73	51	29	12" DIA	FLUSHING BAY (E)
69	TI-018	14TH AVENUE (REG # 4)	40	47	8	73	51	32	18" DIA	FLUSHING BAY (E)
70	TI-576	POWELL'S COVE BOULEVARD (EDO)	40	47	13	73	51	29	18" DIA	EAST RIVER (S)
71	TI-164	150' S/O 110TH STREET (EDO)	40	47	13	73	51	27	12" DIA	EAST RIVER (S)
72	TI-807	EAST 110TH STREET	40	47	12	73	51	24	8" DIA PVC	EAST RIVER (S)
73	TI-588	N/O 110TH STREET	40	47	13	73	51	23	8" DIA PVC	EAST RIVER (E)
74	TI-103	E/O 112TH STREET	40	47	16	73	51	18	36" DIA	EAST RIVER (S)
75	TI-019	9TH AVENUE (REG # 2)	40	47	21	73	51	17	12" DIA	EAST RIVER (S)
76	TI-104	75' W/O 9TH AVENUE	40	47	21	73	51	17	15" DIA	EAST RIVER (S)
77	TI-671	W/O 8TH AVENUE	40	47	24	73	51	16	36" DIA	EAST RIVER (S)
78	TI-549	565' W/O 115TH STREET	40	47	21	73	51	16	4" DIA PVC	EAST RIVER (S)
79	TI-550	526' W/O 115TH STREET	40	47	21	73	51	16	4" DIA PVC	EAST RIVER (S)
80	TI-551	514' W/O 115TH STREET	40	47	21	73	51	15	4" DIA PVC	EAST RIVER (S)
81	TI-552	476' W/O 115TH STREET	40	47	21	73	51	14	4" DIA PVC	EAST RIVER (S)
82	TI-553	465' W/O 115TH STREET	40	47	21	73	51	14	4" DIA PVC	EAST RIVER (S)
83	TI-554	422' W/O 115TH STREET	40	47	21	73	51	14	4" DIA PVC	EAST RIVER (S)
84	TI-555	385' W/O 115TH STREET	40	47	21	73	51	13	4" DIA PVC	EAST RIVER (S)
85	TI-556	346' W/O 115TH STREET	40	47	21	73	51	12	4" DIA PVC	EAST RIVER (S)
86	TI-557	332' W/O 115TH STREET	40	47	21	73	51	12	4" DIA PVC	EAST RIVER (S)
87	TI-558	295' W/O 115TH STREET	40	47	21	73	51	12	4" DIA PVC	EAST RIVER (S)
88	TI-559	283' W/O 115TH STREET	40	47	21	73	51	11	4" DIA PVC	EAST RIVER (S)
89	TI-560	243' W/O 115TH STREET	40	47	21	73	51	11	4" DIA PVC	EAST RIVER (S)
90	TI-401	50' W/O 115TH STREET	40	47	21	73	51	8	4" DIA PVC	EAST RIVER (S)
91	TI-577	10' N/O POPPENHUSEN AVENUE	40	47	28	73	51	10	36" DIA	EAST RIVER (E)
92	TI-646	POPPENHUSEN AVENUE	40	47	29	73	51	10	18" DIA	EAST RIVER (E)
93	TI-872	150' N/O POPPENHUSEN AVENUE	40	47	30	73	51	10	8" DIA	EAST RIVER (E)
94	TI-873	250' N/O POPPENHUSEN AVENUE	40	47	31	73	51	12	8" DIA	EAST RIVER (E)
95	TI-808	HERMAN MACNEIL PARK	40	47	39	73	51	13	8" DIA	EAST RIVER (S)
96	TI-809	30' E/O HERMAN MACNEIL PARK	40	47	39	73	51	13	8" DIA	EAST RIVER (S)
97	TI-810	60' E/O HERMAN MACNEIL PARK	40	47	39	73	51	12	8" DIA	EAST RIVER (S)
98	TI-811	110' E/O HERMAN MACNEIL PARK	40	47	39	73	51	12	8" DIA	EAST RIVER (S)
99	TI-874	160' E/O HERMAN MACNEIL PARK	40	47	39	73	51	11	8" DIA	EAST RIVER (S)
100	TI-840	210' E/O HERMAN MACNEIL PARK	40	47	40	73	51	10	8" DIA	EAST RIVER (S)
101	TI-020	COLLEGE PLACE (REG # 1)	40	47	38	73	50	56	24" DIA	EAST RIVER (S)
102	TI-609	121ST STREET	40	47	46	73	50	47	36" DIA	EAST RIVER (S)

TALLMAN ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	TI-212	TALLMAN ISLAND WPCP (WEST)	40	47	47	73	50	28	8" DIA	EAST RIVER (S)
104	TI-211	30' E/O TALLMAN ISLAND WPCP (WEST SIDE)	40	47	47	73	50	28	6" DIA	EAST RIVER (S)
105	TI-210	35' E/O TALLMAN ISLAND WPCP (WEST SIDE)	40	47	48	73	50	27	6" DIA	EAST RIVER (S)
106	TI-209	75' E/O TALLMAN ISLAND WPCP (WEST SIDE)	40	47	49	73	50	26	10" DIA	EAST RIVER (S)
107	TI-207	TALLMAN ISLAND WPCP (NORTH)	40	47	49	73	50	21	6" DIA	POWELLS COVE (W)
108	TI-206	1500' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	45	73	50	17	10" DIA	POWELLS COVE (W)
109	TI-205	1233' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	42	73	50	16	10" DIA	POWELLS COVE (W)
110	TI-214	50' SW/O TALLMAN ISLAND WPCP	40	47	45	73	50	29	6" DIA	POWELLS COVE (N)
111	TI-213	20' SW/O TALLMAN ISLAND WPCP	40	47	46	73	50	29	6" DIA	POWELLS COVE (W)
112	TI-204	866' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	37	73	50	14	10" DIA	POWELLS COVE (W)
113	TI-203	700' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	36	73	50	13	8" DIA	POWELLS COVE (W)
114	TI-202	642' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	36	73	50	13	8" DIA	POWELLS COVE (W)
115	TI-215	436' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	34	73	50	12	48" DIA	POWELLS COVE (W)
116	TI-208	85' NE/O TALLMAN ISLAND WPCP (WEST SIDE)	40	47	49	73	50	24	4" DIA	POWELLS COVE (W)
117	TI-216	421' N/O SOUTH END OF TALLMAN ISLAND WPCP	40	47	33	73	50	12	18" DIA FLAP	POWELLS COVE (W)
118	TI-201	SOUTH END OF TALLMAN ISLAND WPCP	40	47	32	73	50	12	18" DIA	POWELLS COVE (W)
119	TI-001	127TH STREET (WPCP OUTFALL)	40	47	49	73	50	25	60" DIA	POWELLS COVE (W)
120	TI-501	3' E/O 138TH STREET (REG # 10)	40	47	21	73	49	54	4" DIA	POWELLS COVE (S)
122	TI-003	N/O 7TH AVENUE (REG # 10A)	40	47	37	73	49	40	8' X 7'	POWELLS COVE (E)
123	TI-848	100' S/O MALBA DRIVE	40	47	46	73	49	44	12" DIA	POWELLS COVE (E)
124	TI-589	70' S/O MALBA DRIVE	40	47	46	73	49	44	8" DIA	POWELLS COVE (E)
125	TI-590	N/O MALBA DRIVE	40	47	48	73	49	45	6" DIA	EAST RIVER (S)
126	TI-591	150' NE/O MALBA DRIVE	40	47	48	73	49	44	4" DIA	EAST RIVER (S)
127	TI-610	147TH STREET	40	47	52	73	49	26	48" DIA	EAST RIVER (S)
128	TI-502	149TH PLACE	40	47	60	73	49	18	3" DIA PVC	EAST RIVER (S)
129	TI-561	149TH PLACE	40	47	60	73	49	18	3" DIA PVC	EAST RIVER (S)
130	TI-004	151ST STREET (REG # 11)	40	47	51	73	48	42	72" DIA	EAST RIVER (S)
131	TI-817	E/O 151ST STREET	40	47	51	73	48	42	10" DIA	EAST RIVER (S)
132	TI-562	W/O 152ND STREET	40	47	50	73	48	39	3" DIA PVC	EAST RIVER (S)
133	TI-563	W/O 152ND STREET	40	47	50	73	48	38	3" DIA PVC	EAST RIVER (S)
134	TI-171	152ND STREET	40	47	50	73	48	37	12" DIA	EAST RIVER (S)
135	TI-571	105' E/O 152ND STREET	40	47	49	73	48	35	8" DIA	EAST RIVER (S)
136	TI-592	195' E/O 152ND STREET	40	47	49	73	48	33	8" DIA	EAST RIVER (S)
137	TI-904	W/O 154TH STREET	40	47	48	73	48	26	48" DIA	EAST RIVER (S)
138	TI-612	W/O 154TH STREET	40	47	48	73	48	25	48" DIA	EAST RIVER (S)
139	TI-573	154TH STREET	40	47	47	73	48	24	36" DIA	EAST RIVER (S)
140	TI-005	154TH STREET (REG # 12)	40	47	47	73	48	24	24" DIA	EAST RIVER (S)
141	TI-818	154TH PLACE	40	47	47	73	48	22	4" DIA	EAST RIVER (S)
142	TI-174	E/O 154TH PLACE	40	47	47	73	48	21	12" DIA	EAST RIVER (S)
143	TI-564	200' W/O 157TH STREET	40	47	46	73	48	19	3" DIA PVC	EAST RIVER (S)
144	TI-565	100' W/O 157TH STREET	40	47	46	73	48	17	4" DIA PVC	EAST RIVER (S)
145	TI-875	158TH STREET (BEECHHURST POOL CLUB)	40	47	48	73	48	11	24" DIA	EAST RIVER (S)
146	TI-420	75' W/O 159TH STREET	40	47	46	73	48	9	6" DIA	EAST RIVER (S)
147	TI-421	60' W/O 159TH STREET	40	47	46	73	48	8	8" DIA	EAST RIVER (S)
148	TI-422	55' W/O 159TH STREET	40	47	46	73	48	8	8" DIA	EAST RIVER (S)
149	TI-423	50' W/O 159TH STREET	40	47	46	73	48	8	4" DIA	EAST RIVER (S)
150	TI-567	100' W/O E 160TH STREET	40	47	46	73	48	6	4" DIA HOSE	EAST RIVER (S)
151	TI-424	160TH STREET	40	47	47	73	48	4	8" DIA	EAST RIVER (S)
152	TI-425	30' E/O 160TH STREET	40	47	47	73	48	4	8" DIA	EAST RIVER (S)
153	TI-426	50' E/O 160TH STREET	40	47	47	73	48	3	8" DIA	EAST RIVER (S)
154	TI-427	60' E/O 160TH STREET	40	47	47	73	48	3	4" DIA	EAST RIVER (S)

TALLMAN ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
155	TI-428	80' E/O 160TH STREET	40	47	47	73	48	2	8" DIA	EAST RIVER (S)
156	TI-876	161ST STREET	40	47	46	73	48	0	8" DIA PVC	EAST RIVER (S)
157	TI-429	50' E/O 161ST STREET	40	47	46	73	47	59	6" DIA	EAST RIVER (S)
158	TI-877	125' E/O 161ST STREET	40	47	46	73	47	58	8" DIA PVC	EAST RIVER (S)
159	TI-503	162ND STREET	40	47	46	73	47	57	8" DIA PVC	EAST RIVER (S)
160	TI-879	50' E/O 162ND STREET	40	47	46	73	47	56	8" DIA PVC	EAST RIVER (S)
161	TI-504	75' E/O 162ND STREET	40	47	45	73	47	55	8" DIA PVC	EAST RIVER (S)
162	TI-880	150' E/O 162ND STREET	40	47	45	73	47	55	8" DIA PVC	EAST RIVER (S)
163	TI-505	200' E/O 162ND STREET	40	47	44	73	47	54	8" DIA PVC	EAST RIVER (S)
164	TI-881	250' E/O 162ND STREET	40	47	44	73	47	53	8" DIA PVC	EAST RIVER (S)
165	TI-882	50' W/O 164TH STREET PIER	40	47	44	73	47	53	12" DIA	EAST RIVER (S)
166	TI-883	50' E/O 164TH STREET PIER	40	47	44	73	47	51	12" DIA	EAST RIVER (S)
167	TI-884	75' W/O 166TH STREET	40	47	44	73	47	50	8" DIA PVC	EAST RIVER (S)
168	TI-885	25' W/O 166TH STREET	40	47	43	73	47	50	8" DIA PVC	EAST RIVER (S)
169	TI-886	166TH STREET	40	47	43	73	47	49	8" DIA	EAST RIVER (S)
170	TI-430	150' E/O 166TH STREET (WEST OF PIER)	40	47	42	73	47	47	6" DIA	EAST RIVER (S)
171	TI-593	155' E/O 166TH STREET (UNDER PIER)	40	47	42	73	47	47	4" DIA	EAST RIVER (S)
172	TI-887	165' E/O 166TH STREET (EAST OF PIER)	40	47	42	73	47	47	24" DIA	EAST RIVER (S)
173	TI-594	15' W/O TOTTEN STREET	40	47	42	73	47	44	6" DIA	EAST RIVER (S)
174	TI-819	TOTTEN STREET	40	47	42	73	47	44	24" DIA	EAST RIVER (S)
175	TI-595	UTOPIA PARKWAY	40	47	41	73	47	41	6" DIA	EAST RIVER (S)
176	TI-820	UNDER THROGS NECK BRIDGE	40	47	42	73	47	37	8" DIA	EAST RIVER (S)
177	TI-821	UNDER THROGS NECK BRIDGE	40	47	42	73	47	37	8" DIA	EAST RIVER (S)
178	TI-615	9TH AVENUE	40	47	34	73	47	41	12" DIA	LITTLE BAY (W)
180	TI-849	75' S/O 9TH AVENUE	40	47	33	73	47	42	DBL 12" FLAP	LITTLE BAY (W)
181	TI-850	150' S/O 9TH AVENUE	40	47	32	73	47	42	12" DIA FLAP	LITTLE BAY (W)
182	TI-851	200' S/O 9TH AVENUE	40	47	32	73	47	42	12" DIA FLAP	LITTLE BAY (W)
183	TI-852	200' N/O 12TH AVENUE	40	47	32	73	47	42	12" DIA FLAP	LITTLE BAY (W)
184	TI-853	125' N/O 12TH AVENUE	40	47	31	73	47	42	12" DIA FLAP	LITTLE BAY (W)
185	TI-854	50' N/O 12TH AVENUE	40	47	31	73	47	42	12" DIA	LITTLE BAY (W)
186	TI-616	12TH AVENUE	40	47	30	73	47	42	12" DIA	LITTLE BAY (W)
187	TI-855	12TH ROAD	40	47	26	73	47	40	12" DIA FLAP	LITTLE BAY (W)
188	TI-617	12TH ROAD	40	47	26	73	47	40	12" DIA	LITTLE BAY (W)
189	TI-618	14TH AVENUE	40	47	23	73	47	39	10" DIA	LITTLE BAY (W)
190	TI-619	CRYDERS LANE	40	47	21	73	47	37	12" DIA	LITTLE BAY (W)
191	TI-023	CRYDERS LANE (REG # 13)	40	47	21	73	47	37	13' 6" X 8'	LITTLE BAY (S)
192	TI-895	375' E/O CRYDERS LANE	40	47	20	73	47	33	18" DIA	LITTLE BAY (S)
193	TI-896	500' E/O CRYDERS LANE	40	47	21	73	47	31	48" DIA	LITTLE BAY (S)
194	TI-871	1400' E/O CRYDERS LANE	40	47	25	73	47	24	12" DIA	LITTLE BAY (S)
195	TI-661	208TH STREET	40	47	25	73	47	13	30" DIA	LITTLE BAY (S)
197	TI-634	FORT TOTTEN SOUTH JETTY	40	47	28	73	46	54	18" DIA	LITTLE BAY (E)
198	TI-545	25' N/O FORT TOTTEN SOUTH JETTY	40	47	28	73	46	54	12" DIA	LITTLE BAY (E)
199	TI-856	150' N/O FORT TOTTEN SOUTH JETTY	40	47	30	73	46	52	6" DIA	LITTLE BAY (E)
200	TI-857	210' N/O FORT TOTTEN SOUTH JETTY	40	47	30	73	46	52	6" DIA	LITTLE BAY (E)
201	TI-858	270' N/O FORT TOTTEN SOUTH JETTY	40	47	31	73	46	51	6" DIA	LITTLE BAY (E)
202	TI-859	330' N/O FORT TOTTEN SOUTH JETTY	40	47	32	73	46	51	6" DIA	LITTLE BAY (E)
203	TI-860	390' N/O FORT TOTTEN SOUTH JETTY	40	47	33	73	46	51	6" DIA	LITTLE BAY (E)
204	TI-861	450' N/O FORT TOTTEN SOUTH JETTY	40	47	34	73	46	51	6" DIA	LITTLE BAY (E)
205	TI-862	510' N/O FORT TOTTEN SOUTH JETTY	40	47	35	73	46	51	6" DIA	LITTLE BAY (E)
206	TI-863	570' N/O FORT TOTTEN SOUTH JETTY	40	47	35	73	46	51	6" DIA	LITTLE BAY (E)
207	TI-864	720' N/O FORT TOTTEN SOUTH JETTY	40	47	36	73	46	51	6" DIA	LITTLE BAY (E)

TALLMAN ISLAND

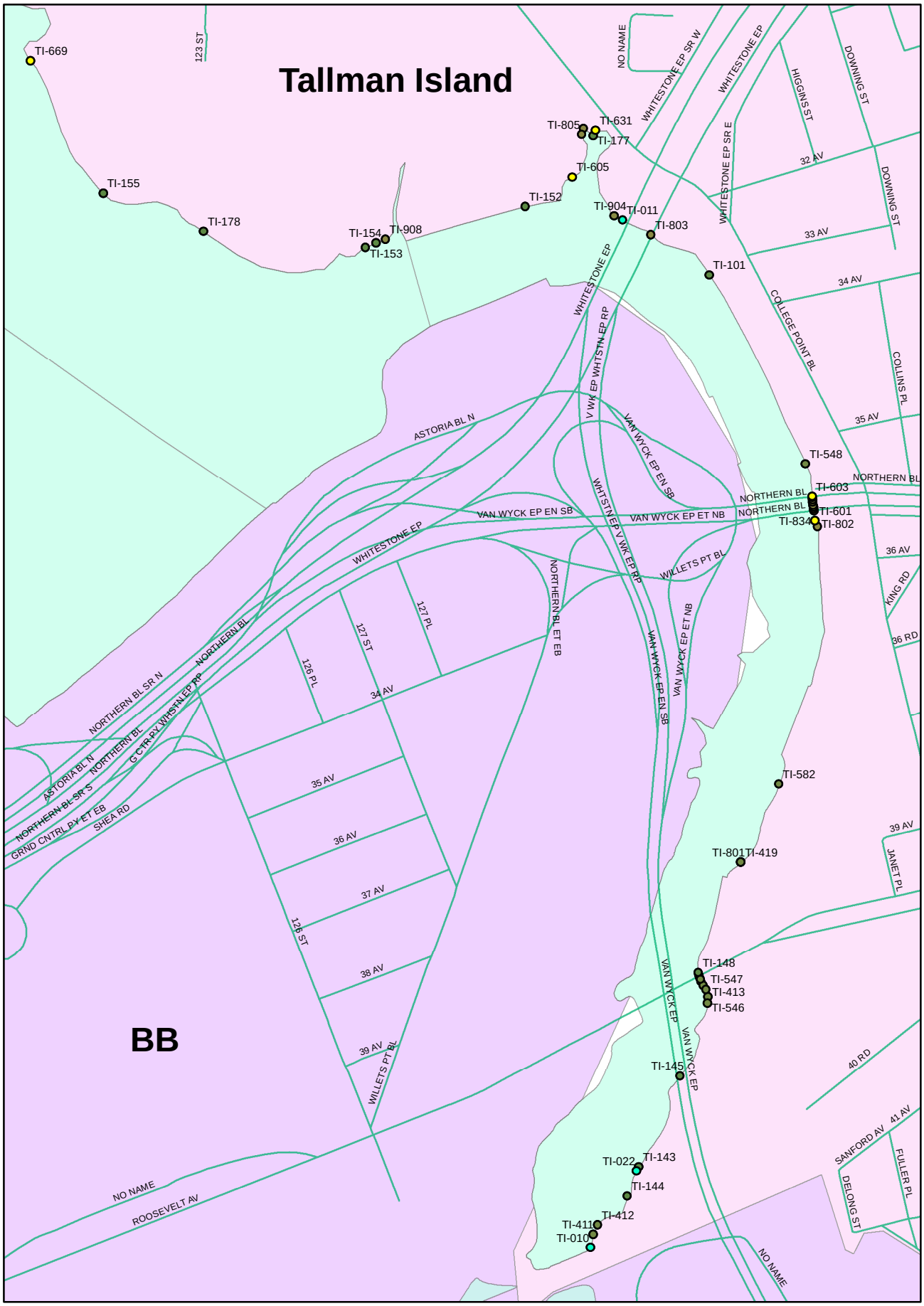
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
208	TI-507	15' N/O COAST GUARD DOCK (FORT TOTTEN)	40	47	36	73	46	51	10" DIA	LITTLE BAY (E)
209	TI-508	50' N/O COAST GUARD DOCK (FORT TOTTEN)	40	47	37	73	46	51	10" DIA	LITTLE BAY (E)
210	TI-509	75' N/O COAST GUARD DOCK (FORT TOTTEN)	40	47	37	73	46	51	8" DIA	LITTLE BAY (E)
211	TI-510	150' N/O COAST GUARD DOCK (FORT TOTTEN)	40	47	38	73	46	51	8" DIA	LITTLE BAY (E)
212	TI-511	250' N/O COAST GUARD DOCK (FORT TOTTEN)	40	47	40	73	46	52	4" DIA	LITTLE BAY (E)
213	TI-512	200' S/O FORT TOTTEN SOUTH JETTY (FORT TOTTEN)	40	47	40	73	46	52	8" DIA	LITTLE BAY (E)
214	TI-513	150' S/O FORT TOTTEN SOUTH JETTY (FORT TOTTEN)	40	47	41	73	46	53	4" DIA	LITTLE BAY (E)
215	TI-514	75' S/O FORT TOTTEN SOUTH JETTY (FORT TOTTEN)	40	47	41	73	46	54	4" DIA	LITTLE BAY (E)
216	TI-515	30' N/O FORT TOTTEN SOUTH JETTY (FORT TOTTEN)	40	47	42	73	46	54	8" DIA	EAST RIVER (E)
217	TI-516	700' E/O FORT TOTTEN SOUTH JETTY (FORT TOTTEN)	40	47	48	73	46	46	4" DIA	EAST RIVER (E)
218	TI-517	FORT TOTTEN (NORTH SIDE)	40	47	48	73	46	45	12" DIA	EAST RIVER (E)
219	TI-518	50' E/O FORT TOTTEN (NORTH SIDE)	40	47	48	73	46	44	15" DIA	EAST RIVER (N)
220	TI-519	80' E/O FORT TOTTEN (NORTH SIDE)	40	47	48	73	46	44	12" DIA	EAST RIVER (N)
221	TI-520	75' N/O WALTER REED ROAD (FORT TOTTEN)	40	47	42	73	46	30	4" DIA	LITTLE NECK BAY (W)
222	TI-521	25' N/O WALTER REED ROAD (FORT TOTTEN)	40	47	41	73	46	29	4" DIA	LITTLE NECK BAY (W)
223	TI-522	WALTER REED ROAD (FORT TOTTEN)	40	47	40	73	46	28	10" DIA	LITTLE NECK BAY (W)
224	TI-523	100' S/O WALTER REED ROAD (FORT TOTTEN)	40	47	39	73	46	27	10" DIA	LITTLE NECK BAY (W)
225	TI-524	300' S/O WALTER REED ROAD (FORT TOTTEN)	40	47	36	73	46	26	10" DIA	LITTLE NECK BAY (W)
226	TI-822	N/O 17TH AVENUE	40	47	12	73	46	29	48" DIA	LITTLE NECK BAY (W)
227	TI-633	S/O 17TH AVENUE	40	47	9	73	46	26	54" DIA	LITTLE NECK BAY (W)
228	TI-865	1437' N/O 24TH AVENUE	40	46	57	73	46	16	18" DIA	LITTLE NECK BAY (W)
229	TI-006	24TH AVENUE	40	46	55	73	46	14	10' X 7' 6"	LITTLE NECK BAY (W)
230	TI-823	42' S/O 24TH AVENUE	40	46	54	73	46	13	48" DIA	LITTLE NECK BAY (W)
231	TI-824	953' N/O BAYSIDE MARINA PIER	40	46	54	73	46	13	10" DIA	LITTLE NECK BAY (W)
232	TI-825	948' N/O BAYSIDE MARINA PIER	40	46	54	73	46	13	18" DIA	LITTLE NECK BAY (W)
233	TI-866	UNDER BAYSIDE MARINA PIER	40	46	47	73	46	5	18" DIA	LITTLE NECK BAY (W)
234	TI-623	28TH AVENUE	40	46	46	73	46	6	18" DIA	LITTLE NECK BAY (W)
235	TI-826	95' S/O BAYSIDE MARINA PIER	40	46	45	73	46	5	18" DIA	LITTLE NECK BAY (W)
236	TI-868	518' S/O 28TH AVENUE PEDESTRIAN BRIDGE	40	46	39	73	46	3	18" DIA	LITTLE NECK BAY (W)
237	TI-827	719' S/O 28TH AVENUE PEDESTRIAN BRIDGE	40	46	37	73	46	2	15" DIA	LITTLE NECK BAY (W)
238	TI-828	1411' N/O SOUTH PEDESTRIAN BRIDGE	40	46	31	73	45	58	18" DIA	LITTLE NECK BAY (W)
239	TI-829	703' N/O SOUTH PEDESTRIAN BRIDGE	40	46	22	73	45	51	18" DIA	LITTLE NECK BAY (W)
240	TI-624	35TH AVENUE	40	46	14	73	45	41	11' X 3' 4"	LITTLE NECK BAY (W)
241	TI-830	167' S/O SOUTH PEDESTRIAN BRIDGE	40	46	14	73	45	41	48" DIA	LITTLE NECK BAY (W)
242	TI-897	372' S/O SOUTH PEDESTRIAN BRIDGE	40	46	12	73	45	39	48" DIA	LITTLE NECK BAY (W)
243	TI-898	672' S/O SOUTH PEDESTRIAN BRIDGE	40	46	8	73	45	36	24" DIA	LITTLE NECK BAY (W)
244	TI-596	672' S/O SOUTH PEDESTRIAN BRIDGE	40	46	8	73	45	36	6" DIA	LITTLE NECK BAY (W)
245	TI-902	863' S/O SOUTH PEDESTRIAN BRIDGE	40	46	6	73	45	35	24" DIA	LITTLE NECK BAY (W)
246	TI-903	1068' S/O SOUTH PEDESTRIAN BRIDGE	40	46	3	73	45	34	18" DIA	LITTLE NECK BAY (W)
247	TI-402	1206' S/O SOUTH PEDESTRIAN BRIDGE	40	46	1	73	45	33	6" DIA	LITTLE NECK BAY (W)
248	TI-899	1406' S/O SOUTH PEDESTRIAN BRIDGE	40	45	59	73	45	32	24" DIA	FRANK TURNER INLET (W)
249	TI-870	2045' S/O SOUTH PEDESTRIAN BRIDGE	40	45	52	73	45	30	24" DIA	FRANK TURNER INLET (W)
250	TI-900	50' N/O LONG ISLAND RAILROAD BRIDGE	40	45	50	73	45	29	36" DIA	FRANK TURNER INLET (W)
251	TI-901	120' S/O LONG ISLAND RAILROAD BRIDGE	40	45	49	73	45	27	36" DIA	ALLEY CREEK (W)
252	TI-106	120' S/O LONG ISLAND RAILROAD BRIDGE	40	45	49	73	45	27	12" DIA	ALLEY CREEK (W)
253	TI-107	120' S/O NORTHERN BOULEVARD	40	45	47	73	45	7	24" DIA	ALLEY CREEK (W)
255	TI-008	46TH AVENUE (REG # 46, 47, 48, 49)	40	45	41	73	45	4	10' X 7' 6"	ALLEY CREEK (W)
256	TI-108	N/O 50TH AVENUE	40	45	40	73	45	4	18" DIA	ALLEY CREEK (W)
257	TI-109	50TH AVENUE	40	45	39	73	45	3	36" DIA	ALLEY CREEK (W)
258	TI-888	S/O 50TH AVENUE	40	45	39	73	45	2	15" DIA	ALLEY CREEK (W)
259	TI-889	10' S/O CULVERT UNDER CROSS ISLAND PARKWAY	40	45	26	73	44	48	18" DIA	ALLEY CREEK (W)

TALLMAN ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
261	TI-890	150' S/O L.I.E. & CROSS ISLAND PARKWAY MERGE	40	45	25	73	44	48	18" DIA	ALLEY CREEK (W)
262	TI-891	185' S/O L.I.E. & CROSS ISLAND PARKWAY MERGE	40	45	25	73	44	47	36" DIA	ALLEY CREEK (W)
263	TI-892	300' S/O L.I.E. & CROSS ISLAND PARKWAY MERGE	40	45	24	73	44	45	24" DIA	ALLEY CREEK (W)
264	TI-893	200' S/O L.I.E. & CROSS ISLAND PARKWAY MERGE	40	45	24	73	44	47	15" DIA	ALLEY CREEK (E)
265	TI-024	61ST AVENUE	40	45	29	73	44	43	12' X 10' BOX	ALLEY POND (S)
266	TI-654	20' N/O NORTHERN BOULEVARD	40	45	49	73	45	6	36" DIA	ALLEY CREEK (E)
267	TI-656	39TH AVENUE	40	46	8	73	45	16	36" DIA	FRANK TURNER INLET (E)
268	TI-543	38TH DRIVE	40	46	11	73	45	16	3" DIA	FRANK TURNER INLET (E)
269	TI-115	BAY AVENUE	40	46	15	73	45	19	14" DIA	FRANK TURNER INLET (E)
270	TI-525	N/O 37TH AVENUE	40	46	15	73	45	19	4" DIA PVC	FRANK TURNER INLET (E)
271	TI-526	50' N/O 37TH AVENUE	40	46	16	73	45	19	4" DIA	LITTLE NECK BAY (E)
272	TI-527	70' N/O 37TH AVENUE	40	46	16	73	45	19	4" DIA PVC	LITTLE NECK BAY (E)
273	TI-528	71' N/O 37TH AVENUE	40	46	16	73	45	19	4" DIA PVC	LITTLE NECK BAY (E)
274	TI-529	81' N/O 37TH AVENUE	40	46	16	73	45	19	4" DIA PVC	LITTLE NECK BAY (E)
275	TI-530	100' N/O 37TH AVENUE	40	46	17	73	45	20	4" DIA PVC	LITTLE NECK BAY (E)
276	TI-531	125' N/O 37TH AVENUE	40	46	17	73	45	20	4" DIA	LITTLE NECK BAY (E)
277	TI-532	200' W/O 233RD PLACE	40	46	18	73	45	17	4" DIA PVC	LITTLE NECK BAY (E)
278	TI-533	150' W/O 233RD PLACE	40	46	18	73	45	16	4" DIA	LITTLE NECK BAY (E)
279	TI-116	100' W/O 233RD PLACE	40	46	19	73	45	15	10" DIA	LITTLE NECK BAY (E)
280	TI-658	233RD PLACE	40	46	20	73	45	14	40" DIA	LITTLE NECK BAY (E)
281	TI-597	N/O MANOR ROAD (WEST)	40	46	33	73	45	17	6" DIA	LITTLE NECK BAY (E)
283	TI-534	50' S/O WESTMORELAND PLACE	40	46	35	73	45	18	12" DIA	LITTLE NECK BAY (E)
284	TI-544	WESTMORELAND PLACE	40	46	36	73	45	18	8" DIA	LITTLE NECK BAY (E)
285	TI-541	70' S/O BEVERLY ROAD (WEST)	40	46	38	73	45	17	6" DIA	LITTLE NECK BAY (E)
286	TI-598	20' S/O BEVERLY ROAD (WEST)	40	46	39	73	45	17	4" DIA	LITTLE NECK BAY (E)
287	TI-599	BEVERLY ROAD (WEST)	40	46	39	73	45	17	8" DIA	LITTLE NECK BAY (E)
288	TI-535	20' N/O BEVERLY ROAD (WEST)	40	46	40	73	45	17	8" DIA	LITTLE NECK BAY (E)
289	TI-506	25' S/O GROSVENOR STREET	40	46	41	73	45	16	2" DIA	LITTLE NECK BAY (E)
290	TI-538	24' S/O GROSVENOR STREET	40	46	41	73	45	16	4" DIA PVC	LITTLE NECK BAY (E)
291	TI-125	GROSVENOR STREET (WEST)	40	46	42	73	45	16	12" DIA	LITTLE NECK BAY (E)
292	TI-539	100' S/O WARWICK AVENUE	40	46	43	73	45	15	8" DIA	LITTLE NECK BAY (E)
293	TI-127	WARWICK AVENUE (WEST)	40	46	44	73	45	15	12" DIA	LITTLE NECK BAY (E)
294	TI-540	WARWICK AVENUE (WEST)	40	46	44	73	45	15	6" DIA	LITTLE NECK BAY (E)
295	TI-536	100' N/O WARWICK AVENUE	40	46	45	73	45	15	10" DIA	LITTLE NECK BAY (E)
296	TI-580	101' N/O WARWICK AVENUE	40	46	45	73	45	15	6" DIA	LITTLE NECK BAY (E)
297	TI-431	30' N/O RICHMOND ROAD (WEST)	40	46	47	73	45	14	6" DIA	LITTLE NECK BAY (E)
298	TI-542	KNOLLWOOD AVENUE (WEST)	40	46	49	73	45	13	8" DIA	LITTLE NECK BAY (E)
299	TI-432	KENMORE ROAD (WEST)	40	46	51	73	45	11	6" DIA	LITTLE NECK BAY (E)
300	TI-433	10' N/O KENMORE ROAD (WEST)	40	46	51	73	45	11	4" DIA PVC	LITTLE NECK BAY (E)
301	TI-434	15' N/O KENMORE ROAD (WEST)	40	46	51	73	45	11	4" DIA PVC	LITTLE NECK BAY (E)
302	TI-435	20' N/O KENMORE ROAD (WEST)	40	46	51	73	45	11	4" DIA PVC	LITTLE NECK BAY (E)
303	TI-436	30' N/O KENMORE ROAD (WEST)	40	46	52	73	45	11	6" DIA	LITTLE NECK BAY (E)
304	TI-437	35' N/O KENMORE ROAD (WEST)	40	46	52	73	45	11	6" DIA	LITTLE NECK BAY (E)
305	TI-438	40' N/O KENMORE ROAD (WEST)	40	46	52	73	45	11	6" DIA	LITTLE NECK BAY (E)
306	TI-439	150' N/O KENMORE ROAD	40	46	53	73	45	11	6" DIA PVC	LITTLE NECK BAY (E)
307	TI-440	152' N/O KENMORE ROAD	40	46	53	73	45	11	3" DIA PVC	LITTLE NECK BAY (E)
308	TI-537	100' N/O BAYVIEW AVENUE	40	46	54	73	45	9	8" DIA	LITTLE NECK BAY (E)
309	TI-441	W/O WEST DRIVE	40	46	57	73	45	4	8" DIA	LITTLE NECK BAY (S)
310	TI-569	50' S/O KNOLLWOOD AVENUE (EAST)	40	46	49	73	44	53	24" DIA	UDALLS COVE (W)
311	TI-403	150' N/O GROSVENOR STREET	40	46	44	73	44	50	10" DIA	UDALLS COVE (W)
312	TI-404	90' S/O BEVERLY ROAD	40	46	40	73	44	44	12" DIA	UDALLS COVE (W)

TALLMAN ISLAND

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
313	TI-410	HOLLYWOOD AVENUE (EAST)	40	46	36	73	44	44	24" DIA	UDALLS COVE (W)
314	TI-405	100' S/O HOLLYWOOD AVENUE	40	46	35	73	44	44	12" DIA	UDALLS COVE (W)
315	TI-406	PARK LANE	40	46	33	73	44	43	12" DIA	UDALLS COVE (W)
316	TI-570	110' N/O AURORA POND	40	46	25	73	44	42	4" DIA	AURORA CREEK (W)
317	TI-407	106' N/O AURORA POND	40	46	25	73	44	42	2" DIA	AURORA CREEK (W)
318	TI-566	102' N/O AURORA POND	40	46	25	73	44	42	4" DIA	AURORA CREEK (W)
319	TI-408	38TH ROAD	40	46	22	73	44	41	12" DIA	AURORA POND (W)
320	TI-409	2' E/O AURORA POND	40	46	30	73	44	41	6" DIA	AURORA CREEK (E)
321	TI-660	39TH AVENUE & 248TH STREET	40	46	22	73	44	41	12" DIA	AURORA POND (E)
322	TI-581	248TH STREET	40	46	30	73	44	41	48" DIA	UDALLS COVE (E)
323	TI-007	NORTHERN BLVD	40	45	46	73	45	6	18" DIA	ALLEY CREEK
324	TI-009	DOUG. BAY PUMP STATION	40	46	3	73	45	6	2' X 8'	LITTLE NECK BAY
325	TI-025	400' SOUTH OF LIRR BRIDGE	40	45	51	73	45	12	52' 6" X 9' 0"	ALLEY CREEK
326	TI-611	W/O 154TH STREET	40	47	47	73	48	24	48" DIA	EAST RIVER
327	TI-653	SANDHILL ROAD	40	46	30	73	44	41	48" DIA	UDALL'S COVE
328	TI-655	223RD STREET & NORTHERN BOULEVARD	40	45	52	73	45	7	15" DIA	ALLEY CREEK
329	TI-666	9TH AVENUE	40	47	21	73	49	53	18" DIA	POWELL'S COVE
330	TI-673	FLUSHING BAY & 25TH AVENUE	40	46	37	73	50	57	48" DIA	FLUSHING BAY
331	TI-909	E/O BRONX WHITESTONE BRIDGE	40	47	51	73	49	32	15" DIA	EAST RIVER (S)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DOWNING ST
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33 AV
34 AV
35 AV
36 AV
37 AV
38 AV
39 AV
40 RD
41 AV
COLLEGE POINT BL
COLLINS PL
KING RD
JANET PL
SANFORD AV
FULLER PL
DELONG ST
V WK EP WHTSTN EP RP
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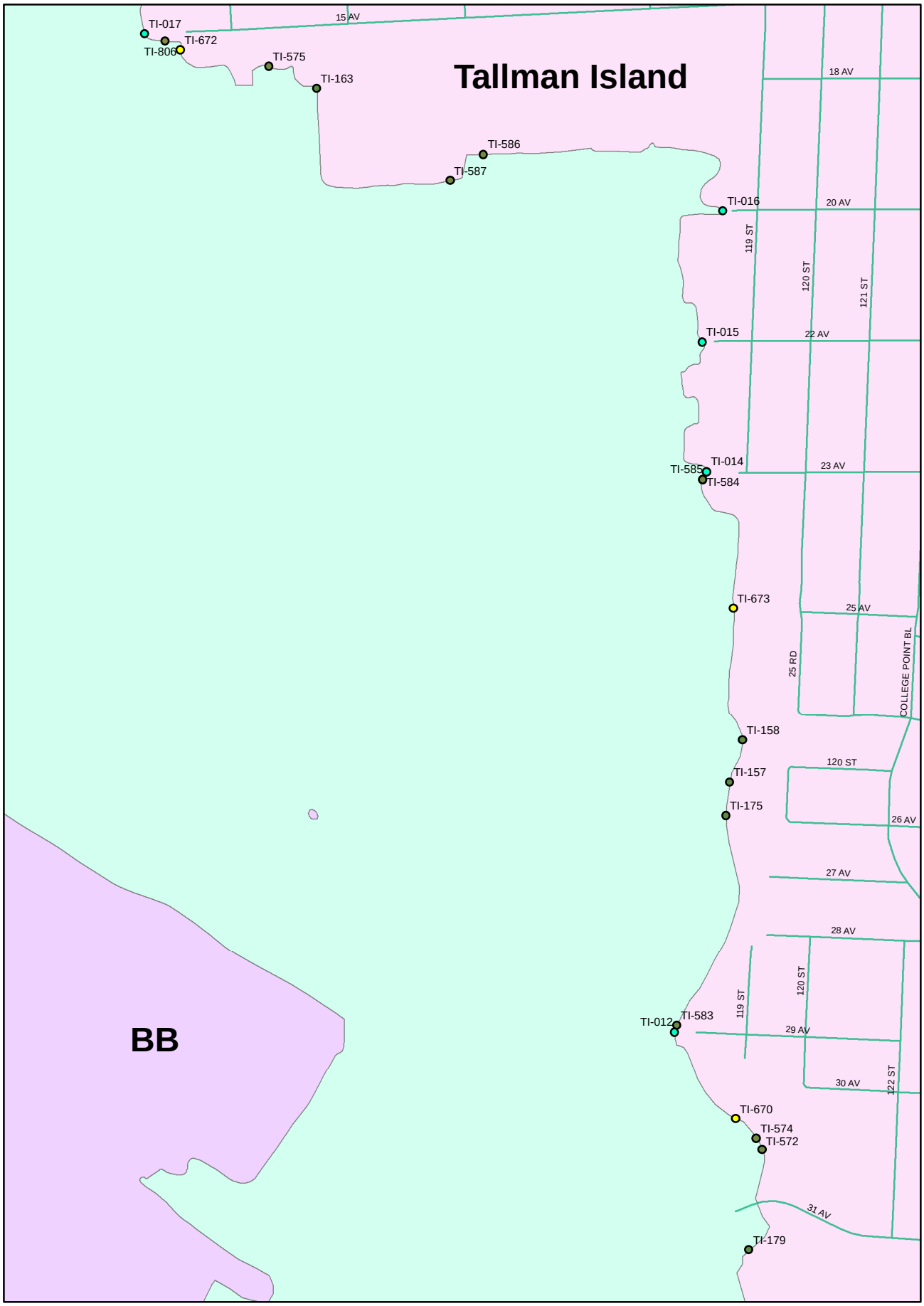
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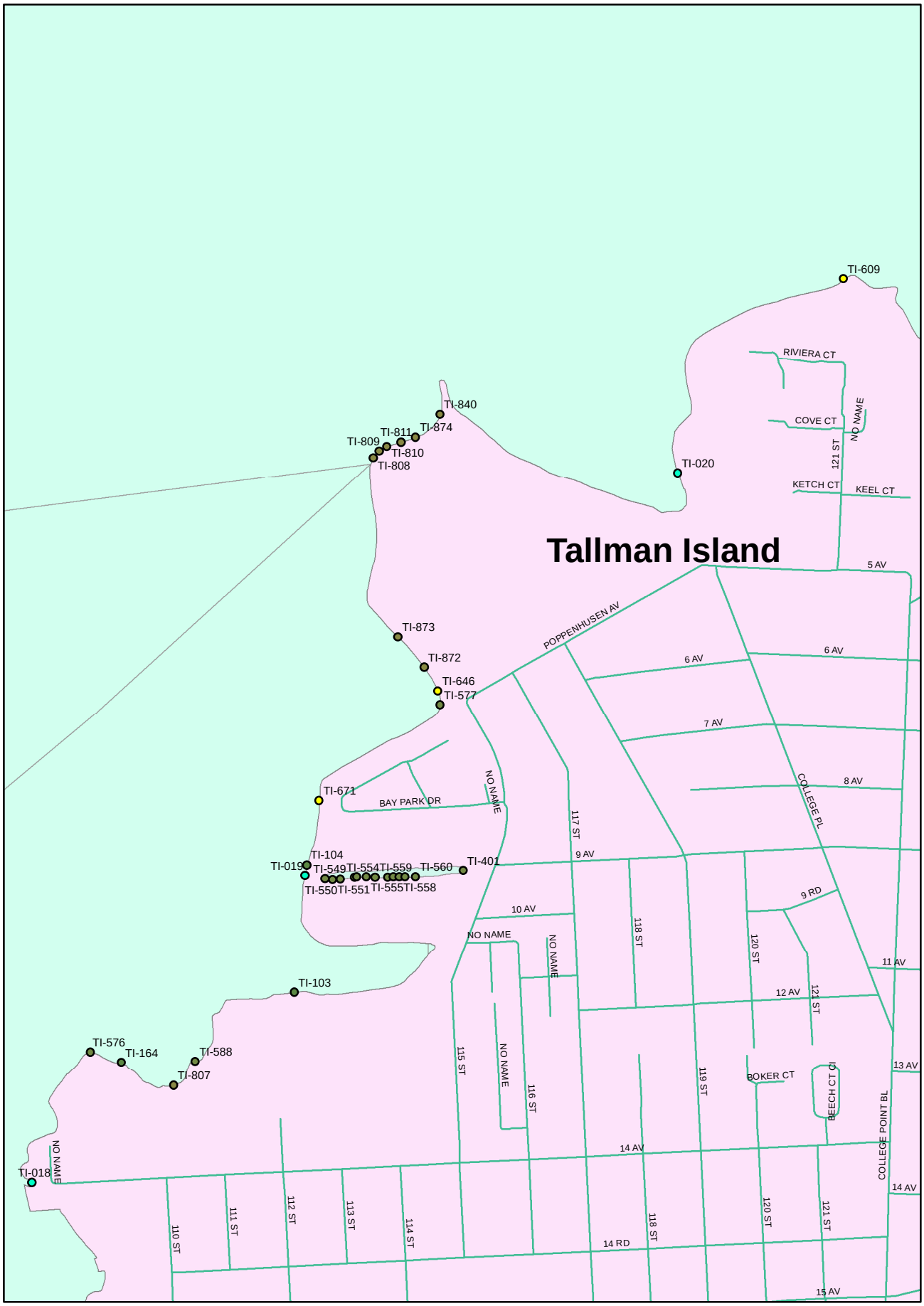
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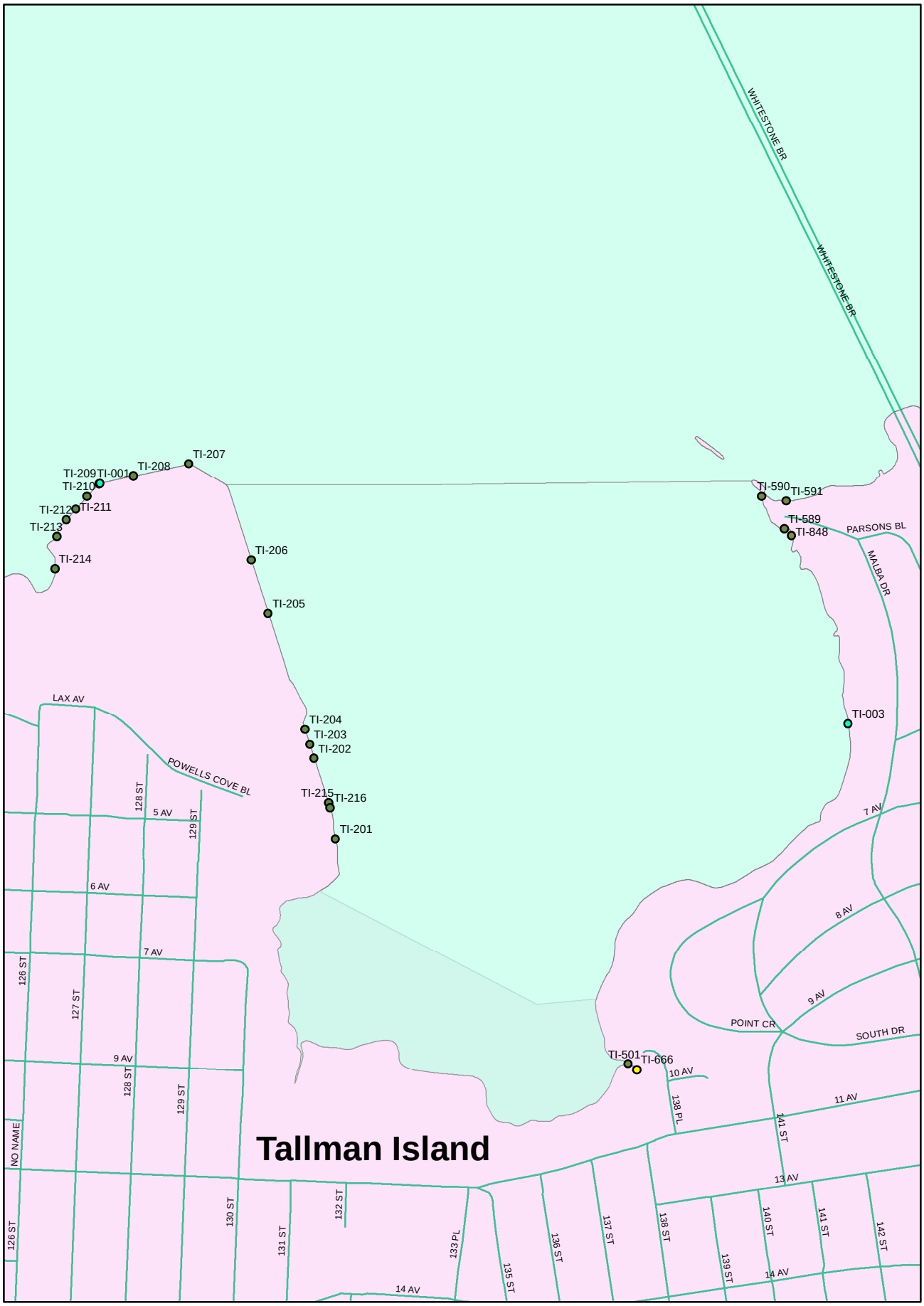
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MALBA DR
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POWELLS COVE BL
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5 AV
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6 AV
7 AV
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9 AV
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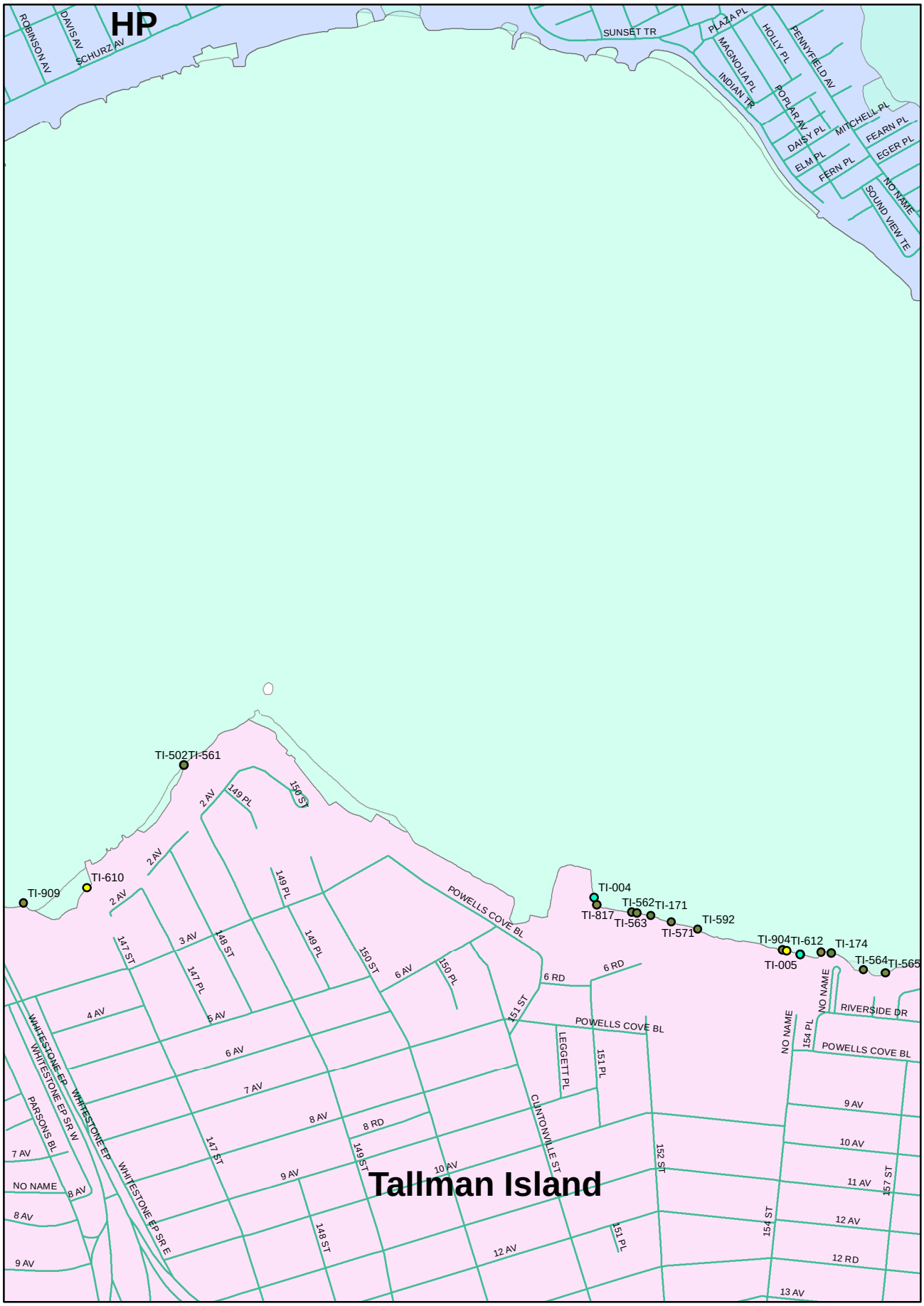
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8 RD
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11 AV
12 AV
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13 AV
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150 PL
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154 PL
157 ST
6 RD
POWELLS COVE BL
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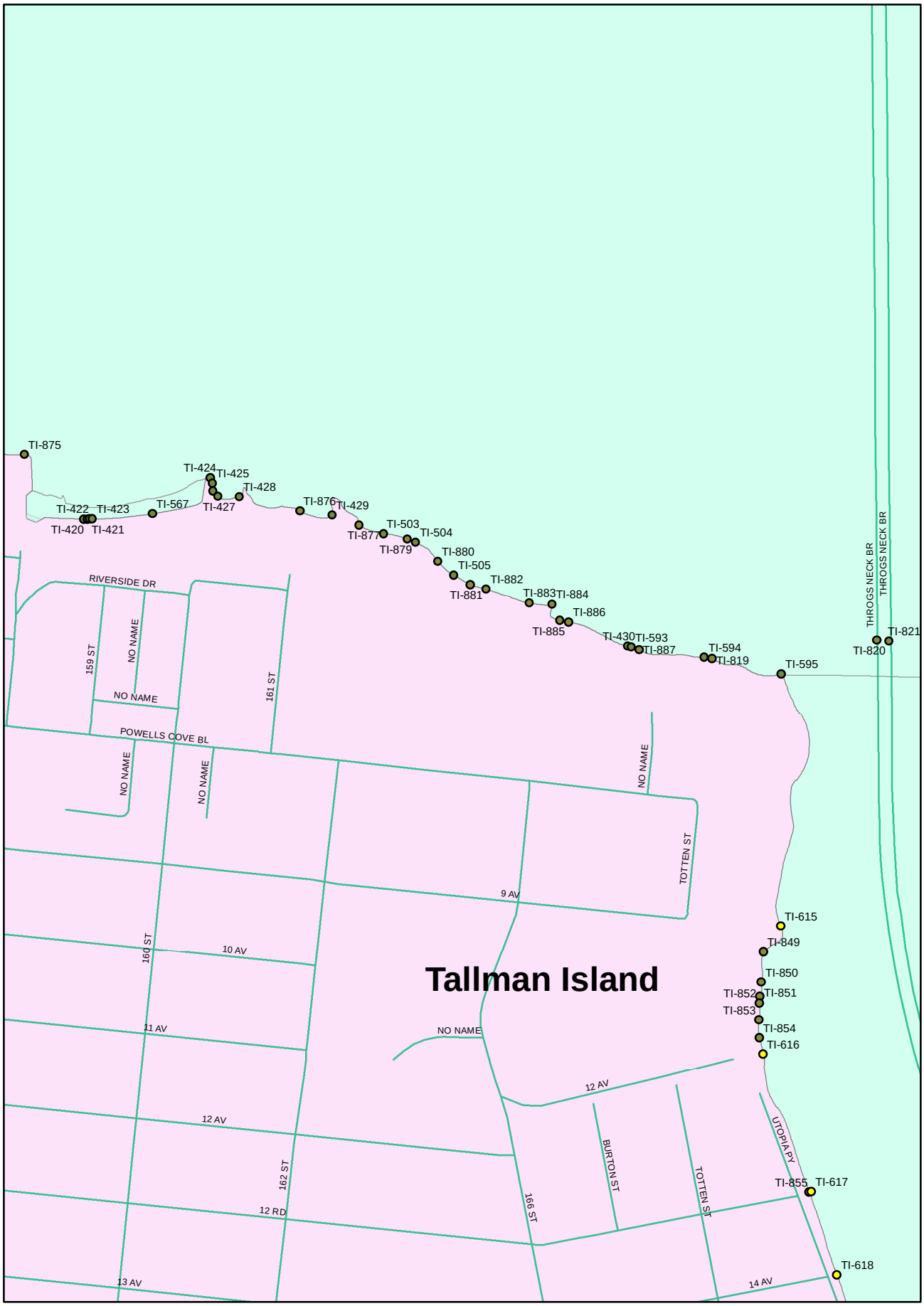
Tallman Island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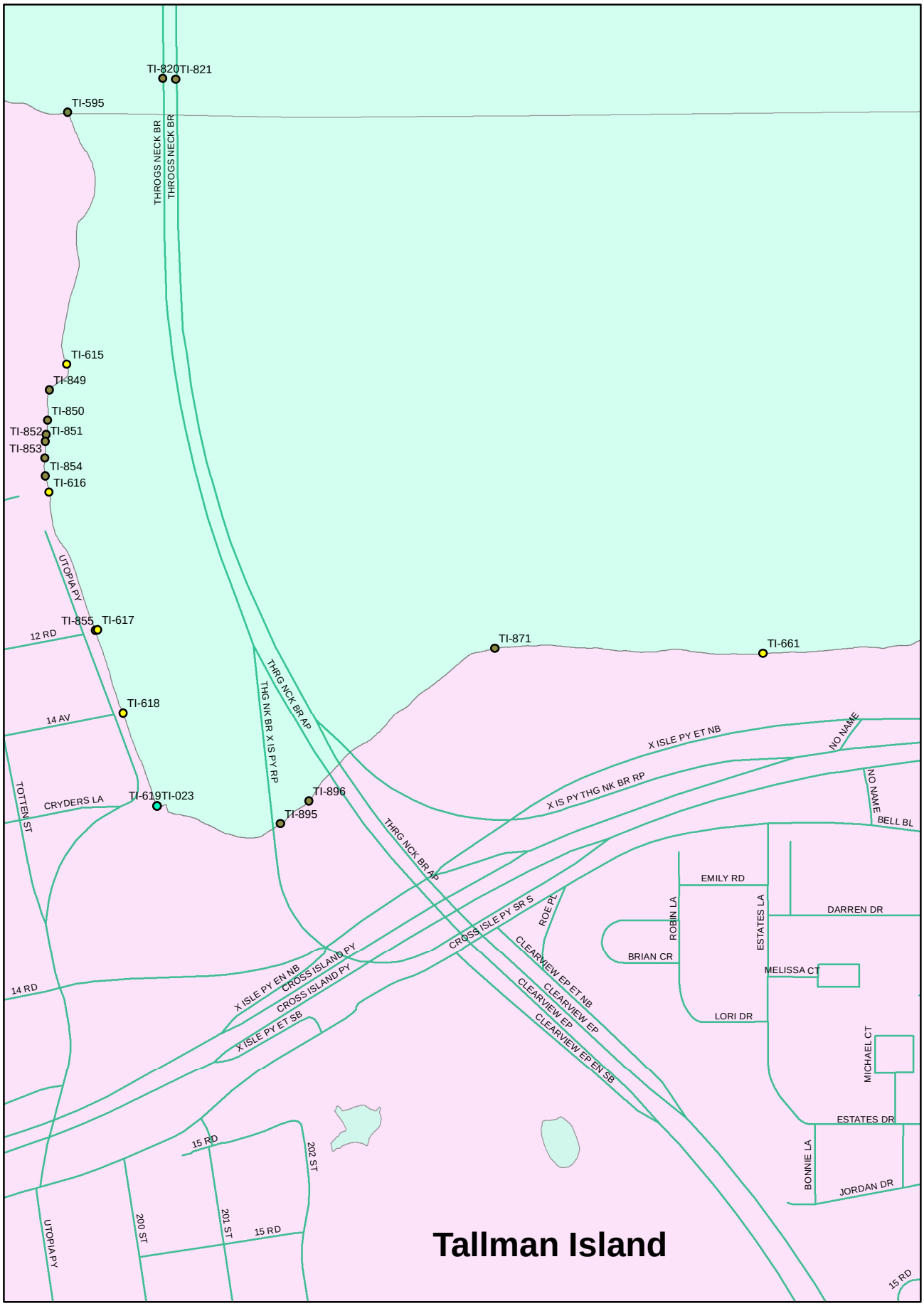
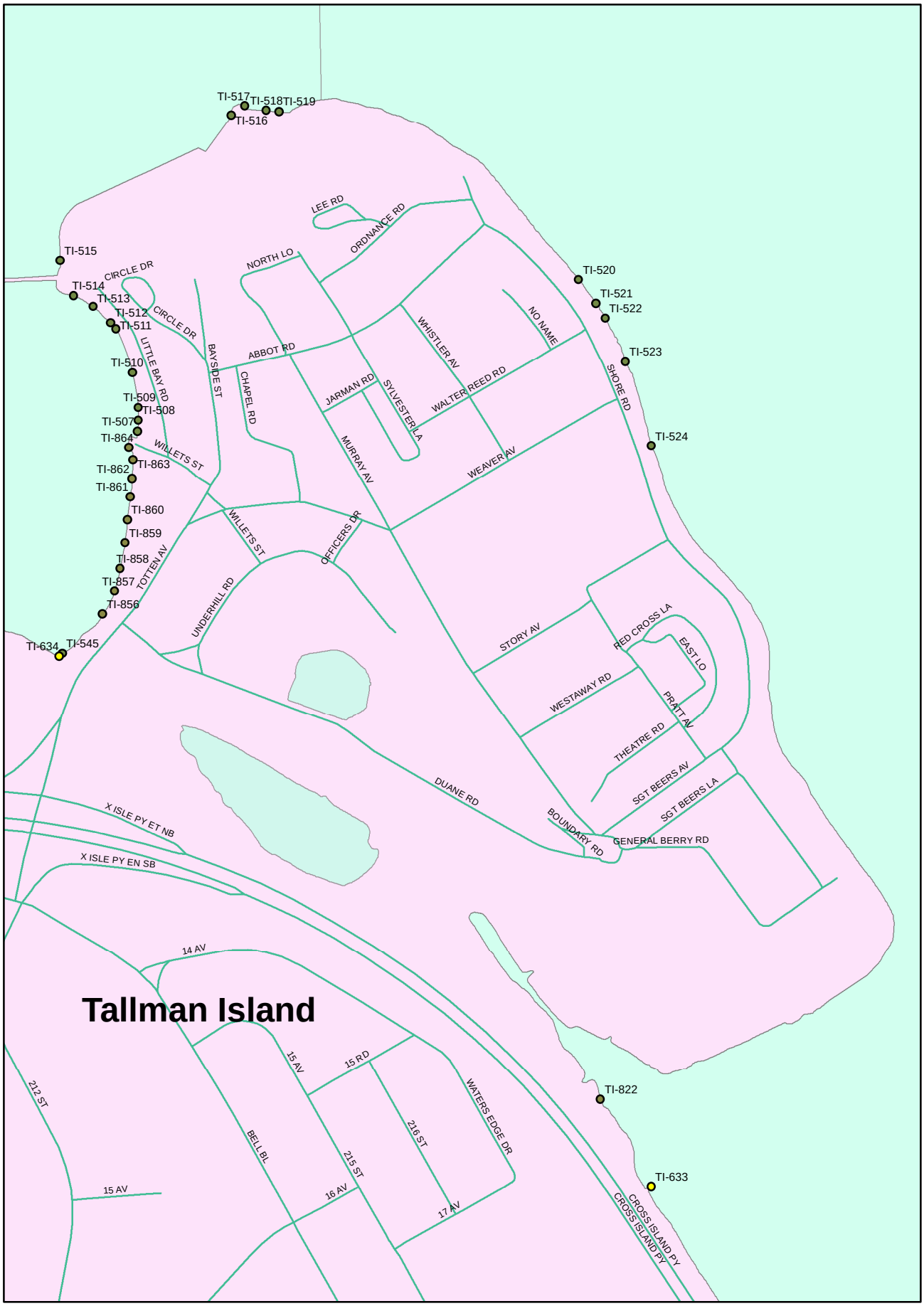
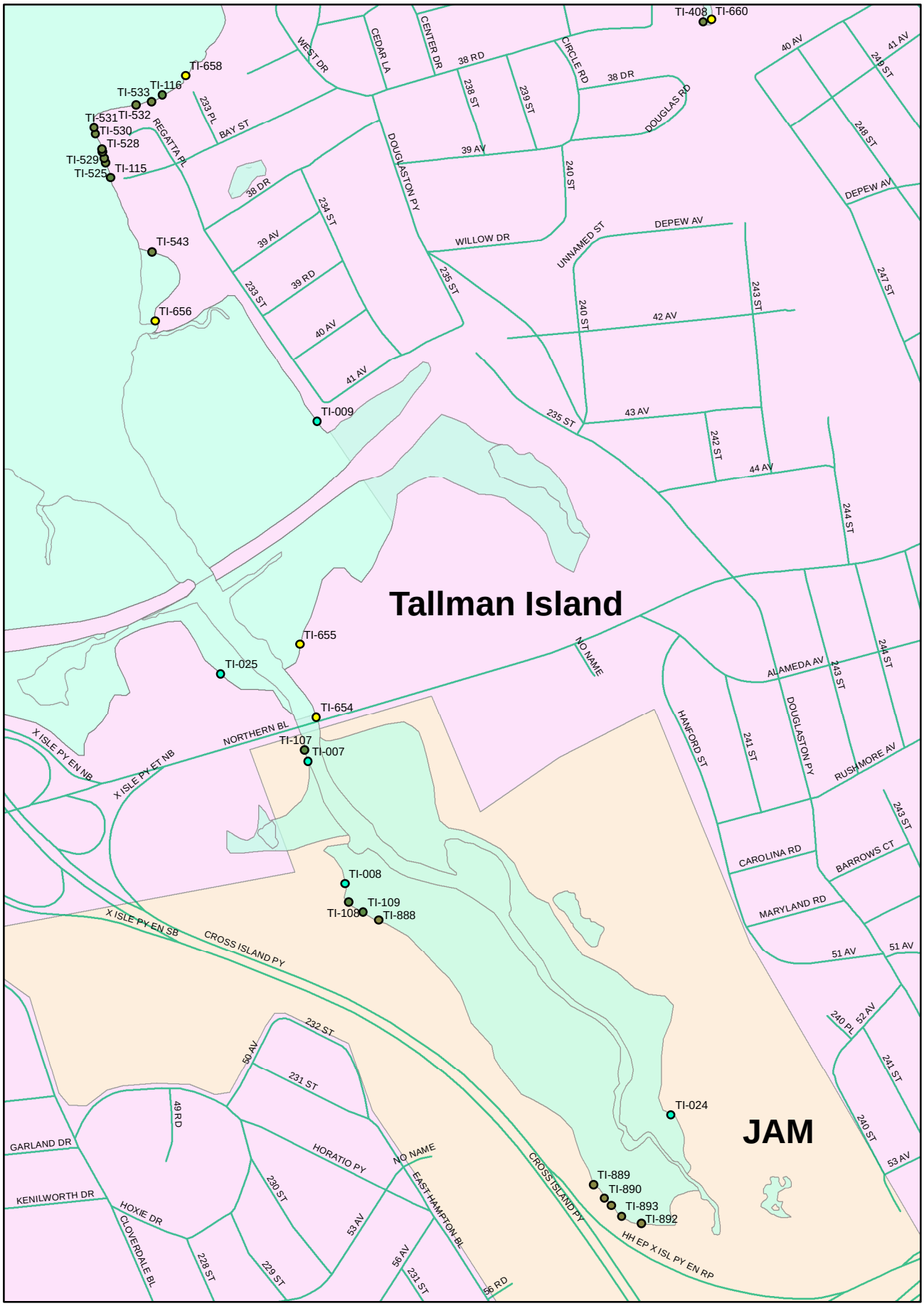
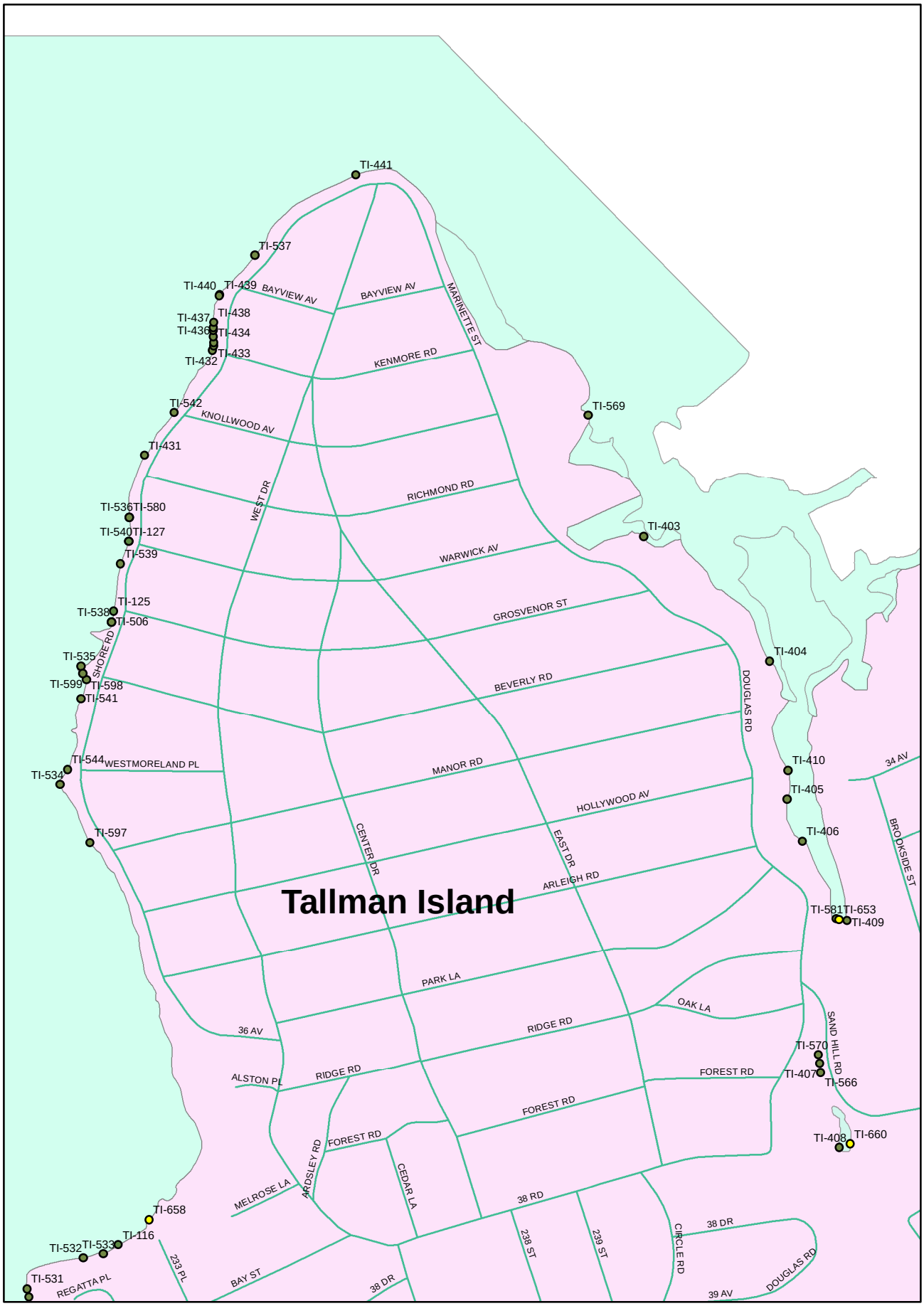
UTOPIA PY
TI-855
TI-617
162 ST
166 ST
12 RD
TI-618
13 AV
14 AV


Tallman Island
TI-820
TI-821
TI-595
THROGS NECK BR
THROGS NECK BR
TI-615
TI-849
TI-850
TI-852
TI-851
TI-853
TI-854
TI-616
UTOPIA PY
TI-855
TI-617
12 RD
TI-871
TI-661
THRG NCK BR AP
TI-618
14 AV
THG NK BR X IS PY RP
X ISLE PY ET NB
NO NAME
X IS PY THG NK BR RP
NO NAME
BELL BL
TOTTEN ST
CRYDERS LA
TI-619
TI-023
TI-896
TI-895
THRG NCK BR AP
EMILY RD
ROE PL
ROBIN LA
ESTATES LA
DARREN DR
CROSS ISLE PY SR S
BRIAN CR
MELISSA CT
CLEARVIEW EP ET NB
CLEARVIEW EP
CLEARVIEW EP
CLEARVIEW EP EN SB
LORI DR
14 RD
X ISLE PY EN NB
CROSS ISLAND PY
CROSS ISLAND PY
X ISLE PY ET SB
MICHAEL CT
ESTATES DR
15 RD
202 ST
BONNIE LA
JORDAN DR
UTOPIA PY
200 ST
201 ST
15 RD
15 RD


Tallman Island
TI-517
TI-518
TI-519
TI-516
LEE RD
ORDNANCE RD
NORTH LO
TI-515
CIRCLE DR
TI-514
TI-513
TI-512
TI-511
CIRCLE DR
LITTLE BAY RD
BAYSIDE ST
ABBOT RD
CHAPEL RD
TI-510
TI-509
TI-508
TI-507
TI-864
WILLETS ST
TI-863
TI-862
TI-861
TI-860
TI-859
TI-858
TI-857
TI-856
TOTTEN AV
TI-634
TI-545
UNDERHILL RD
WILLETS ST
OFFICERS DR
JARMAN RD
SYLVESTER LA
MURRAY AV
WHISTLER AV
NO NAME
WALTER REED RD
WEAVER AV
TI-520
TI-521
TI-522
TI-523
SHORE RD
TI-524
STORY AV
RED CROSS LA
EAST LO
WESTAWAY RD
PRATT AV
THEATRE RD
SGT BEERS AV
SGT BEERS LA
DUANE RD
BOUNDARY RD
GENERAL BERRY RD
X ISLE PY ET NB
X ISLE PY EN SB
14 AV
212 ST
15 AV
BELL BL
15 AV
15 RD
215 ST
16 AV
216 ST
17 AV
WATERS EDGE DR
TI-822
TI-633
CROSS ISLAND PY
CROSS ISLAND PY


Tallman Island
JAM
TI-408
TI-660
TI-658
TI-116
TI-533
TI-532
TI-531
TI-530
TI-528
TI-529
TI-525
TI-115
TI-543
TI-656
TI-009
TI-655
TI-025
TI-654
TI-107
TI-007
TI-008
TI-109
TI-108
TI-888
TI-024
TI-889
TI-890
TI-893
TI-892
WEST DR
CEDAR LA
CENTER DR
38 RD
CIRCLE RD
38 DR
DOUGLAS RD
40 AV
41 AV
249 ST
248 ST
233 PL
BAY ST
REGATTA PL
238 ST
239 ST
DOUGLASTON PY
39 AV
240 ST
DEPEW AV
234 ST
WILLOW DR
UNNAMED ST
39 RD
233 ST
235 ST
247 ST
40 AV
42 AV
243 ST
41 AV
43 AV
242 ST
44 AV
244 ST
NO NAME
ALAMEDA AV
HANFORD ST
241 ST
RUSHMORE AV
X ISLE PY EN NB
X ISLE PY ET NB
NORTHERN BL
CAROLINA RD
BARROWS CT
MARYLAND RD
X ISLE PY EN SB
CROSS ISLAND PY
51 AV
52 AV
240 PL
232 ST
50 AV
231 ST
49 RD
GARLAND DR
HORATIO PY
EAST HAMPTON BL
KENILWORTH DR
HOXIE DR
CLOVERDALE BL
230 ST
228 ST
229 ST
53 AV
56 AV
56 RD
HH EP X ISL PY EN RP
240 ST
53 AV


Tallman Island
TI-441
TI-537
TI-440
TI-439
TI-438
TI-437
TI-436
TI-434
TI-433
TI-432
TI-542
TI-431
TI-536
TI-580
TI-540
TI-127
TI-539
TI-125
TI-538
TI-506
TI-535
TI-599
TI-598
TI-541
TI-544
TI-534
TI-597
TI-658
TI-116
TI-532
TI-533
TI-531
TI-569
TI-403
TI-404
TI-410
TI-405
TI-406
TI-581
TI-653
TI-409
TI-570
TI-407
TI-566
TI-408
TI-660
BAYVIEW AV
KENMORE RD
KNOLLWOOD AV
RICHMOND RD
WARWICK AV
GROSVENOR ST
BEVERLY RD
MANOR RD
HOLLYWOOD AV
ARLEIGH RD
PARK LA
OAK LA
RIDGE RD
FOREST RD
38 RD
38 DR
39 AV
36 AV
34 AV
MARINETTE ST
WEST DR
SHORE RD
WESTMORELAND PL
CENTER DR
EAST DR
DOUGLAS RD
BROOKSIDE ST
SAND HILL RD
ALSTON PL
ARDSLEY RD
CEDAR LA
MELROSE LA
238 ST
239 ST
CIRCLE RD
233 PL
BAY ST
REGATTA PL

Outfall ID: TI-001
Location: 127TH STREET (WPCP OUTFALL)
Latitude: 40° 47' 49"
Longitude: 73° 50' 26"
Outfall Size: 60" DIA
Receiving Water: POWELLS COVE (W)

Outfall ID: TI-003
Location: N/O 7TH AVENUE (REG # 10A)
Latitude: 40° 47' 37"
Longitude: 73° 49' 40"
Outfall Size: 8' X 7'
Receiving Water: POWELLS COVE (E)

Outfall ID: TI-004
Location: 151ST STREET (REG # 11)
Latitude: 40° 47' 51"
Longitude: 73° 48' 42"
Outfall Size: 72" DIA
Receiving Water: EAST RIVER (S)

Outfall ID: TI-005
Location: 154TH STREET (REG # 12)
Latitude: 40° 47' 47"
Longitude: 73° 48' 24"
Outfall Size: 24" DIA
Receiving Water: EAST RIVER (S)

Outfall ID: TI-006
Location: 24TH AVENUE
Latitude: 40° 46' 55"
Longitude: 73° 46' 14"
Outfall Size: 10' X 7' 6"
Receiving Water: LITTLE NECK BAY (W)

Outfall ID: TI-007
Location: NORTHERN BLVD
Latitude: 40° 45' 46"
Longitude: 73° 45' 6"
Outfall Size: 18"
DIA Receiving Water: ALLEY CREEK

Outfall ID: TI-008
Location: 46TH AVENUE (REG # 46, 47, 48, 49)
Latitude: 40° 45' 41"
Longitude: 73° 45' 4"
Outfall Size: 10' X 7' 6"
Receiving Water: ALLEY CREEK (W)

Outfall ID: TI-009
Location: DOUG. BAY PUMP STATION
Latitude: 40° 46' 3"
Longitude: 73° 45' 6"
Outfall Size: 2' X 8'
Receiving Water: LITTLE NECK BAY

Outfall ID: TI-010
Location: ROOSEVELT AVE (REG # 30, 31, 40, 44)
Latitude: 40° 45' 14"
Longitude: 73° 50' 24"
Outfall Size: 3BL 18' 6" X 10'
Receiving Water: FLUSHING RIVER (E)

Outfall ID: TI-011
Location: 32ND AVENUE (REG # 51 - 54)
Latitude: 40° 45' 58"
Longitude: 73° 50' 22"
Outfall Size: DBL 8' X 8'
Receiving Water: FLUSHING RIVER (N)

Outfall ID: TI-012
Location: 29TH AVENUE (REG # 9)
Latitude: 40° 46' 19"
Longitude: 73° 50' 60"
Outfall Size: 10" DIA
Receiving Water: FLUSHING BAY (E)

Outfall ID: TI-014
Location: 23RD AVENUE (REG # 7)
Latitude: 40° 46' 43"
Longitude: 73° 50' 58"
Outfall Size: 12" DIA
Receiving Water: FLUSHING BAY (E)

Outfall ID: TI-015
Location: 22ND AVENUE (REG # 6)
Latitude: 40° 46' 48"
Longitude: 73° 50' 58"
Outfall Size: 1' 3" X 1' 10"
Receiving Water: FLUSHING BAY (E)

Outfall ID: TI-016
Location: 20TH AVENUE (REG # 5)
Latitude: 40° 46' 54"
Longitude: 73° 50' 57"
Outfall Size: 60" DIA
Receiving Water: FLUSHING BAY (E)

Outfall ID: TI-017
Location: 15TH AVENUE (REG # 4)
Latitude: 40° 47' 2"
Longitude: 73° 51' 29"
Outfall Size: 12" DIA
Receiving Water: FLUSHING BAY (E)

Outfall ID: TI-018
Location: 14TH AVENUE (REG # 4)
Latitude: 40° 47' 8"
Longitude: 73° 51' 32"
Outfall Size: 18" DIA
Receiving Water: FLUSHING BAY (E)

Outfall ID: TI-019
Location: 9TH AVENUE (REG # 2)
Latitude: 40° 47' 21"
Longitude: 73° 51' 17"
Outfall Size: 12" DIA
Receiving Water: EAST RIVER (S)

Outfall ID: TI-020
Location: COLLEGE PLACE (REG # 1)
Latitude: 40° 47' 38"
Longitude: 73° 50' 56"
Outfall Size: 24" DIA
Receiving Water: EAST RIVER (S)

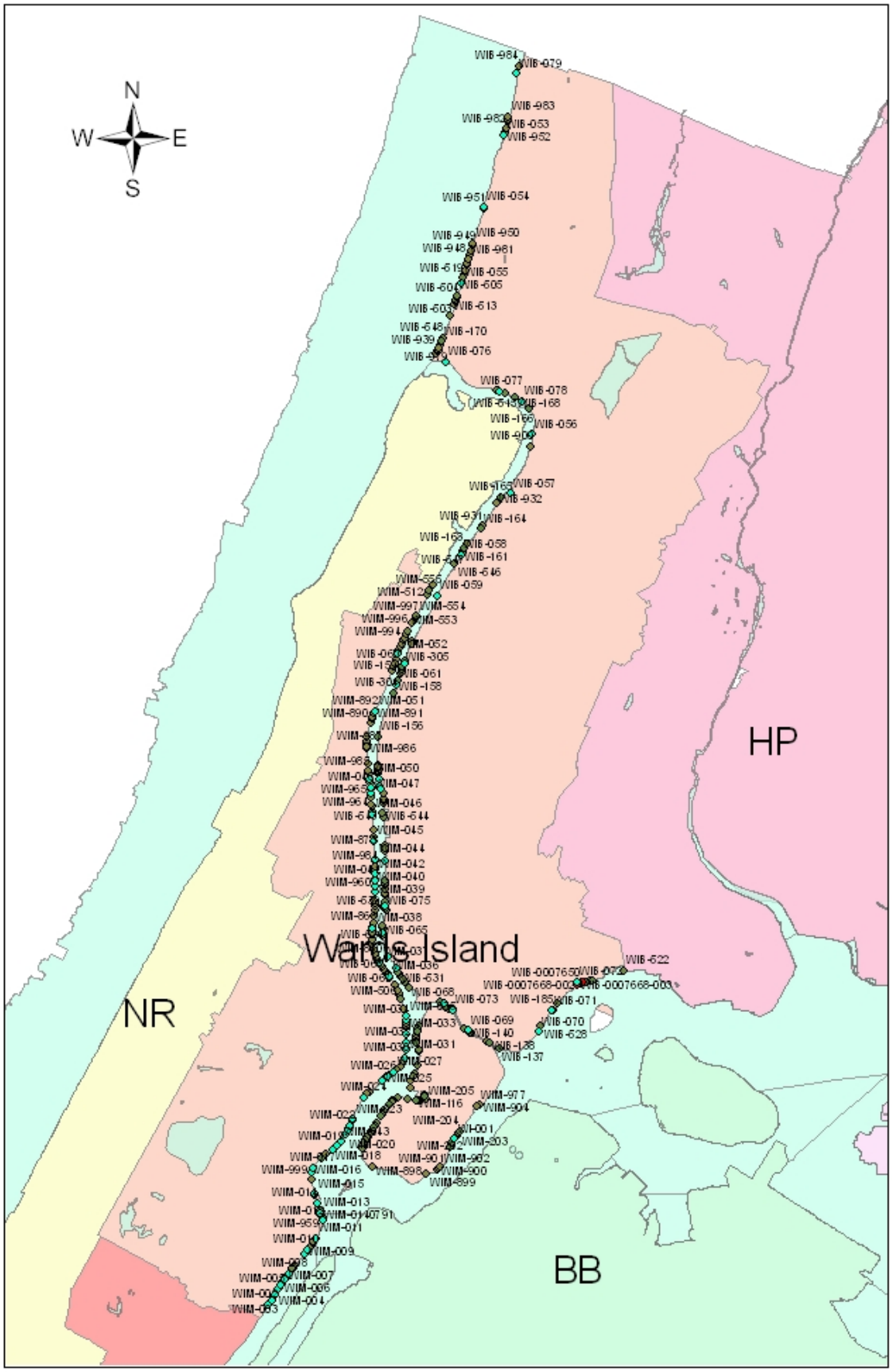
Outfall ID: TI-022
Location: 40TH ROAD (REG # 55 - 58)
Latitude: 40° 45' 18"
Longitude: 73° 50' 21"
Outfall Size: 7' X 6' 6"
Receiving Water: FLUSHING RIVER (E)

Outfall ID: TI-023
Location: CRYDERS LANE (REG # 13)
Latitude: 40° 47' 21"
Longitude: 73° 47' 37"
Outfall Size: 13' 6" X 8'
Receiving Water: LITTLE BAY (S)

Outfall ID: TI-024
Location: 61ST AVENUE
Latitude: 40° 45' 29"
Longitude: 73° 44' 43"
Outfall Size: 12' X 10' BOX
Receiving Water: ALLEY POND (S)

Outfall ID: TI-025
Location: 400' SOUTH OF LIRR BRIDGE
Latitude: 40° 45' 51"
Longitude: 73° 45' 12"
Outfall Size: 52' 6" X 9' 0"
Receiving Water: ALLEY CREEK

WARDS ISLAND DRAINAGE AREA



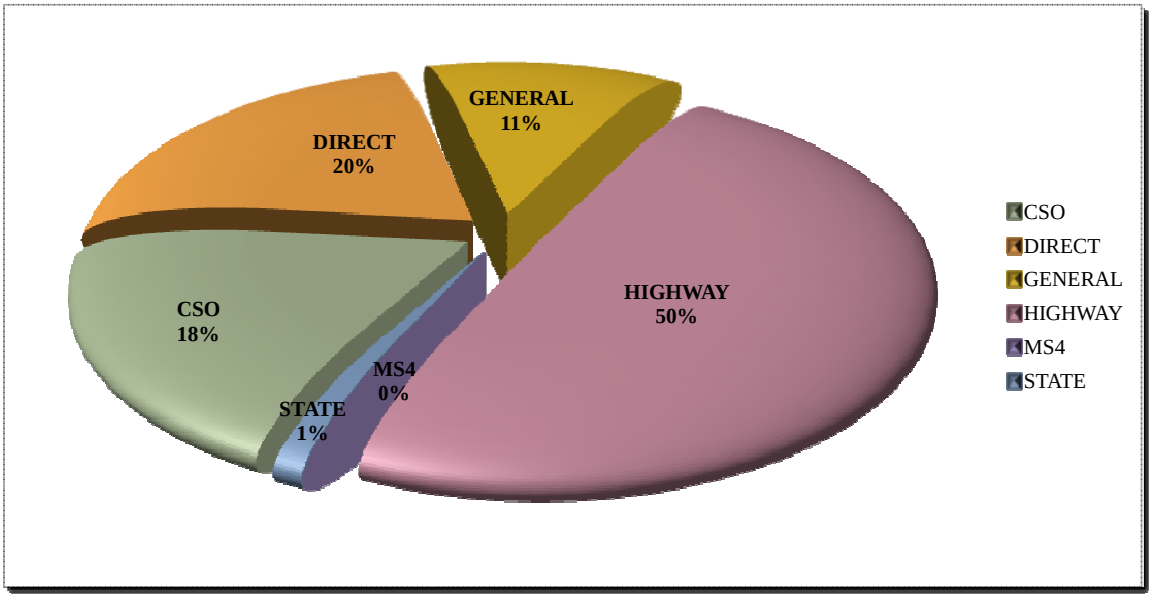
WARDS ISLAND SURVEY REPORT

The survey of the entire drainage area of Wards Island, 23.92 miles of shoreline, resulted in the identification of 412 outfalls. The outfalls consist of 76 combined sewer overflow outfalls, 204 highway outfalls, 46 general outfalls, 81 direct discharge outfalls, 0 storm outfall and 5 SPDES permitted outfalls. The overall count and location of these outfalls are plotted in full and sectional drainage area maps.

The Wards Island Water Pollution Control Plant receives flow from portions of Manhattan and the Bronx. The entire drainage area was inspected by boat and inflatable raft with the exception of the Bronx Kills, which was surveyed by land due to marshy and shallow water.

The survey of Manhattan drainage area began at E. 72nd Street & West Channel (East River) and proceeded north into the Harlem River, to W. 189th Street, including both Randalls Island and Wards Island. For the Bronx drainage area, the survey began at E.149th Street & East River, and proceeding west through the Bronx Kills, and then moving north up the Harlem River passing the Henry Hudson Bridge, and ended at the New York City / Yonkers border.

Percentile representation of Wards Island outfalls



WARDS ISLAND (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	WIB-522	S/O BARRY STREET (RAILROAD YARD)	40	48	22	73	53	42	8" DIA	EAST RIVER
2	WIB-176	300' E/O E 149TH STREET	40	48	18	73	53	60	24" DIA	EAST RIVER
3	WIB-523	225' E/O E 149TH STREET	40	48	18	73	54	1	8" DIA	EAST RIVER
4	WIB-524	200' E/O E 149TH STREET	40	48	18	73	54	2	8" DIA	EAST RIVER
5	WIB-179	175' E/O E 149TH STREET	40	48	17	73	54	4	10" DIA	EAST RIVER
6	WIB-0007650	20' N/O E 149TH STREET (REG # 68) (CIBRO)	40	48	17	73	54	8	8" DIA	EAST RIVER
7	WIB-072	E 149TH STREET (REG # 68)	40	48	18	73	54	8	7' X 6' 9-1/2"	EAST RIVER
8	WIB-0007668-003	75' S/O E 149TH STREET (REG # 68)	40	48	17	73	54	8	6" DIA	EAST RIVER
9	WIB-181	150' N/O E 149TH STREET	40	48	17	73	54	5	24" DIA	EAST RIVER
10	WIB-525	100' N/O E 149TH STREET	40	48	17	73	54	6	4" DIA	EAST RIVER
11	WIB-526	20' N/O E 149TH STREET	40	48	17	73	54	7	6" DIA	EAST RIVER
12	WIB-0007668-002	N/O E 149TH STREET	40	48	17	73	54	7	8" DIA	EAST RIVER
13	WIB-0007668-001	100' N/O E 138TH STREET	40	48	17	73	54	5	6" DIA	EAST RIVER
14	WIB-527	E 139TH STREET	40	48	8	73	54	19	6" DIA	EAST RIVER
15	WIB-185	N/O E 138TH STREET	40	48	6	73	54	22	10" DIA	EAST RIVER
16	WIB-071	E 138TH STREET (REG # 69)	40	48	5	73	54	22	60" DIA	EAST RIVER
17	WIB-528	E 135TH STREET	40	47	59	73	54	29	6" DIA	EAST RIVER
18	WIB-137	E/O WALNUT AVENUE	40	47	49	73	54	52	2' X 2'	BRONX KILL
19	WIB-138	WILLOW AVENUE	40	47	52	73	54	58	36" DIA	BRONX KILL
20	WIB-906	TRIBOROUGH BRIDGE (EAST)	40	47	56	73	55	8	6" DIA	BRONX KILL
21	WIB-139	UNDER TRIBORUGH BRIDGE	40	47	56	73	55	8	48" DIA	BRONX KILL
22	WIB-907	TRIBOROUGH BRIDGE (WEST)	40	47	56	73	55	9	6" DIA	BRONX KILL
23	WIB-140	100' W/O TRIBOROUGH BRIDGE	40	47	57	73	55	10	72" DIA	BRONX KILL
24	WIB-069	CYPRESS AVENUE (REG # 71)	40	47	57	73	55	10	2' 2" X 3'	BRONX KILL
25	WIB-511	CYPRESS PLACE	40	47	58	73	55	11	48" DIA	BRONX KILL
26	WIB-073	SAINT ANN'S AVENUE (REG # 73)	40	48	6	73	55	18	DBL 12' DIA	BRONX KILL
27	WIB-143	W/O SAINT ANN'S AVENUE	40	48	6	73	55	19	48" DIA	BRONX KILL
28	WIB-070	E 134TH STREET (REG # 70)	40	47	56	73	54	30	3' 2" X 4' 2"	EAST RIVER
29	WIB-068	BROOK AVENUE (REG # 53, 54)	40	48	9	73	55	23	12' X 9' 10"	BRONX KILL
30	WIB-145	W/O BROOK AVENUE	40	48	9	73	55	24	54" DIA	BRONX KILL
31	WIB-146	W/O BROWN PL ACE	40	48	9	73	55	26	36" DIA	BRONX KILL
32	WIB-520	25' NW/O WILLIS AVENUE BRIDGE	40	48	15	73	55	42	2' X 3'	HARLEM RIVER
33	WIB-529	300' NW/O WILLIS AVENUE BRIDGE	40	48	18	73	55	45	6" DIA	HARLEM RIVER
34	WIB-530	450' NW/O WILLIS AVENUE BRIDGE	40	48	19	73	55	46	6" DIA	HARLEM RIVER
35	WIB-521	450' SE/O LINCOLN AVENUE	40	48	19	73	55	47	2' X 3'	HARLEM RIVER
36	WIB-908	325' SE/O LINCOLN AVENUE	40	48	20	73	55	47	6" DIA	HARLEM RIVER
37	WIB-909	200' SE/O LINCOLN AVENUE	40	48	21	73	55	48	6" DIA	HARLEM RIVER
38	WIB-531	150' SE/O LINCOLN AVENUE	40	48	22	73	55	49	2" DIA	HARLEM RIVER
39	WIB-067	LINCOLN AVENUE (REG # 55)	40	48	24	73	55	50	60" DIA	HARLEM RIVER
40	WIB-066	THIRD AVENUE BRIDGE (NORTH SIDE) (REG # 56)	40	48	29	73	55	55	2' 8" X 4'	HARLEM RIVER
41	WIB-532	500' S/O NEW YORK - NEW HEAVEN RAILROAD BRIDGE	40	48	38	73	55	58	8" DIA	HARLEM RIVER
42	WIB-065	PARK AVENUE (REG # 57)	40	48	39	73	55	58	36" DIA	HARLEM RIVER
43	WIB-910	500' S/O NEW YORK - NEW HEAVEN RAILROAD BRIDGE	40	48	38	73	55	58	4" DIA	HARLEM RIVER
44	WIB-911	150' N/O NEW YORK - NEW HEAVEN RAILROAD BRIDGE	40	48	41	73	55	57	4" DIA	HARLEM RIVER
45	WIB-533	300' N/O NEW YORK - NEW HEAVEN RAILROAD BRIDGE	40	48	42	73	55	57	8" DIA	HARLEM RIVER
46	WIB-534	450' N/O NEW YORK - NEW HEAVEN RAILROAD BRIDGE	40	48	42	73	55	57	8" DIA	HARLEM RIVER
47	WIB-912	150' S/O MADISON AVENUE BRIDGE	40	48	48	73	55	55	6" DIA	HARLEM RIVER
48	WIB-535	150' S/O MADISON AVENUE BRIDGE	40	48	48	73	55	55	4" DIA	HARLEM RIVER
49	WIB-536	75' S/O MADISON AVENUE BRIDGE	40	48	49	73	55	57	4" DIA	HARLEM RIVER
50	WIB-537	50' S/O MADISON AVENUE BRIDGE	40	48	50	73	55	57	4" DIA	HARLEM RIVER
51	WIB-538	25' S/O MADISON AVENUE BRIDGE	40	48	50	73	55	57	4" DIA	HARLEM RIVER

WARDS ISLAND (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	WIB-075	E 138TH STREET (REG # 58)	40	48	51	73	55	57	12' X 6' 3"	HARLEM RIVER
53	WIB-539	75' N/O MADISON AVENUE BRIDGE	40	48	52	73	55	56	4" DIA	HARLEM RIVER
54	WIB-913	200' N/O MADISON AVENUE BRIDGE	40	48	55	73	55	56	6" DIA	HARLEM RIVER
55	WIB-914	E 140TH STREET	40	48	56	73	55	57	6" DIA	HARLEM RIVER
56	WIB-508	75' N/O E 140TH STREET	40	48	57	73	55	56	6" DIA	HARLEM RIVER
57	WIB-540	200' N/O E 140TH STREET	40	48	59	73	55	56	4" DIA	HARLEM RIVER
58	WIB-541	225' N/O E 140TH STREET	40	48	60	73	55	56	4" DIA	HARLEM RIVER
59	WIB-542	250' N/O E 140TH STREET	40	49	0	73	55	56	8" DIA	HARLEM RIVER
60	WIB-916	200' S/O E 144TH STREET	40	49	0	73	55	56	10" DIA	HARLEM RIVER
61	WIB-307	150' S/O E 144TH STREET	40	49	1	73	55	56	10" DIA	HARLEM RIVER
62	WIB-917	100' S/O E 144TH STREET	40	49	1	73	55	56	10" DIA	HARLEM RIVER
63	WIB-064	E 149TH STREET (REG # 59)	40	49	10	73	55	57	60" DIA	HARLEM RIVER
64	WIB-918	1000' N/O E 145TH STREET BRIDGE	40	49	14	73	55	56	6" DIA	HARLEM RIVER
65	WIB-516	1300' N/O E 145TH STREET BRIDGE	40	49	15	73	55	56	24" DIA	HARLEM RIVER
66	WIB-903	1400' N/O E 145TH STREET BRIDGE	40	49	16	73	55	56	4" DIA	HARLEM RIVER
67	WIB-543	1500' S/O MCCOMBS DAM BRIDGE	40	49	28	73	55	57	4" DIA	HARLEM RIVER
68	WIB-517	1400' S/O MCCOMBS DAM BRIDGE	40	49	29	73	55	57	42" DIA	HARLEM RIVER
69	WIB-544	1200' S/O MCCOMBS DAM BRIDGE	40	49	30	73	55	57	8" DIA	HARLEM RIVER
70	WIB-923	500' S/O MCCOMBS DAM BRIDGE	40	49	34	73	55	57	8" DIA	HARLEM RIVER
71	WIB-924	400' S/O MCCOMBS DAM BRIDGE	40	49	35	73	55	57	8" DIA	HARLEM RIVER
72	WIB-925	300' S/O MCCOMBS DAM BRIDGE	40	49	36	73	55	57	8" DIA	HARLEM RIVER
73	WIB-926	100' S/O MCCOMBS DAM BRIDGE	40	49	39	73	55	57	18" DIA	HARLEM RIVER
74	WIB-063	S/O MCCOMBS DAM BRIDGE (REG # 72)	40	49	40	73	55	59	48" DIA	HARLEM RIVER
75	WIB-961	30' S/O MCCOMBS DAM BRIDGE	40	49	41	73	55	59	18" DIA	HARLEM RIVER
76	WIB-927	25' S/O MCCOMBS DAM BRIDGE	40	49	41	73	55	59	18" DIA	HARLEM RIVER
77	WIB-049	JEROME AVENUE & MCCOMBS DAM BRIDGE (REG # 60A)	40	49	42	73	55	59	10' X 8' 6"	HARLEM RIVER
78	WIB-062	JEROME AVENUE (REG # 60)	40	49	44	73	55	60	10' X 8' 6"	HARLEM RIVER
79	WIB-962	300' N/O JEROME AVENUE (REG # 60)	40	49	47	73	55	60	18" DIA	HARLEM RIVER
80	WIB-963	335' N/O JEROME AVENUE (REG # 60)	40	49	47	73	55	60	18" DIA	HARLEM RIVER
81	WIB-964	370' N/O JEROME AVENUE (REG # 60)	40	49	48	73	55	60	18" DIA	HARLEM RIVER
82	WIB-965	405' N/O JEROME AVENUE (REG # 60)	40	49	49	73	55	60	18" DIA	HARLEM RIVER
83	WIB-966	440' N/O JEROME AVENUE (REG # 60)	40	49	49	73	56	0	18" DIA	HARLEM RIVER
84	WIB-967	475' N/O JEROME AVENUE (REG # 60)	40	49	50	73	56	0	18" DIA	HARLEM RIVER
85	WIB-928	250' S/O W 161ST STREET	40	49	51	73	56	0	4" DIA	HARLEM RIVER
86	WIB-156	W 164TH STREET	40	50	3	73	56	0	24" DIA	HARLEM RIVER
87	WIB-157	W 167TH STREET	40	50	27	73	55	49	24" DIA	HARLEM RIVER
88	WIB-929	200' N/O W 167TH STREET	40	50	30	73	55	47	6" DIA	HARLEM RIVER
89	WIB-304	W 168TH STREET	40	50	22	73	55	51	10" DIA	HARLEM RIVER
90	WIB-158	605' S/O DEPOT PLACE	40	50	25	73	55	50	24" DIA	HARLEM RIVER
91	WIB-061	167TH STREET (REG # 61)	40	50	25	73	55	50	42" DIA	HARLEM RIVER
92	WIB-968	300' S/O HIGH BRIDGE	40	50	31	73	55	47	24" DIA	HARLEM RIVER
93	WIB-159	150' S/O HIGH BRIDGE	40	50	32	73	55	46	24" DIA	HARLEM RIVER
94	WIB-305	25' S/O HIGH BRIDGE	40	50	33	73	55	46	36" DIA	HARLEM RIVER
95	WIB-545	75' N/O HIGH BRIDGE	40	50	35	73	55	45	8" DIA	HARLEM RIVER
96	WIB-060	UNDER HIGH BRIDGE (REG # 62)	40	50	34	73	55	45	14' X 11'	HARLEM RIVER
97	WIB-969	ALEXANDER HAMILTON BRIDGE (SOUTH SIDE)	40	50	43	73	55	41	6" DIA	HARLEM RIVER
98	WIB-970	ALEXANDER HAMILTON BRIDGE (NORTH SIDE)	40	50	44	73	55	41	6" DIA	HARLEM RIVER
99	WIB-059	W 176TH STREET (REG # 64)	40	51	3	73	55	27	45" DIA	HARLEM RIVER
100	WIB-546	150' N/O BILLINGSLY TERRACE SOUTH	40	51	17	73	55	17	8" DIA	HARLEM RIVER
101	WIB-058	W 178TH STREET (REG # 65)	40	51	21	73	55	13	57" DIA	HARLEM RIVER
102	WIB-518	BILLINGSLY TERRACE NORTH	40	51	21	73	55	13	60" DIA	HARLEM RIVER

WARDS ISLAND (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	WIB-161	30' N/O BILLINGSLY TERRACE NORTH (REG # 65)	40	51	22	73	55	12	12" DIA	HARLEM RIVER
104	WIB-547	50' N/O BILLINGSLY TERRACE NORTH (REG # 65)	40	51	23	73	55	12	8" DIA	HARLEM RIVER
105	WIB-163	75' N/O BILLINGSLY TERRACE NORTH (REG # 65)	40	51	24	73	55	11	12" DIA	HARLEM RIVER
106	WIB-930	200' S/O W 180TH STREET	40	51	25	73	55	10	12" DIA	HARLEM RIVER
107	WIB-164	OPPOSITE W 201ST STREET	40	51	32	73	55	2	24" DIA	HARLEM RIVER
108	WIB-931	100' N/O OPPOSITE W 201ST STREET	40	51	33	73	55	1	6" DIA	HARLEM RIVER
109	WIB-932	300' S/O W FORDHAM ROAD	40	51	43	73	54	53	4" DIA	HARLEM RIVER
110	WIB-165	75' N/O UNIVERSITY HEIGHTS BRIDGE	40	51	46	73	54	51	18" DIA	HARLEM RIVER
111	WIB-057	LANDING ROAD (REG # 66)	40	51	47	73	54	46	66" DIA	HARLEM RIVER
112	WIB-900	N/O OPPOSITE OF W 216TH ST (MANHATTAN)	40	52	7	73	54	34	66" DIA	HARLEM RIVER
113	WIB-056	W 192ND STREET (REG # 67)	40	52	12	73	54	33	DBL 15' X 9' 2-1/8"	HARLEM RIVER
114	WIB-166	600' E/O BROADWAY BRIDGE	40	52	23	73	54	35	36" DIA	HARLEM RIVER
115	WIB-078	BROADWAY BRIDGE (NORTH SIDE) (REG # MH-3)	40	52	27	73	54	39	4' 6" X 5'	HARLEM RIVER
116	WIB-168	1000' N/O BROADWAY BRIDGE (NORTH SIDE) (REG # MH-3)	40	52	28	73	54	43	12" DIA	HARLEM RIVER
117	WIB-515	ADRIAN AVENUE	40	52	30	73	54	49	18" DIA	HARLEM RIVER
118	WIB-077	TEUNISSEN PLACE (REG # MH-2)	40	52	31	73	54	51	8' 6" X 7'	HARLEM RIVER
119	WIB-934	TEUNISSEN PLACE (REG # MH-2)	40	52	31	73	54	52	4" DIA	HARLEM RIVER
120	WIB-935	W/O TEUNISSEN PLACE (REG # MH-2)	40	52	32	73	54	53	6" DIA	HARLEM RIVER
121	WIB-076	W/O BRADLEY TERRACE (REG # MH-1)	40	52	44	73	55	22	54" DIA	HARLEM RIVER
122	WIB-936	200' N/O CONTRAIL BRIDGE	40	52	47	73	55	27	4" DIA	HUDSON RIVER
123	WIB-937	300' N/O CONTRAIL BRIDGE	40	52	48	73	55	26	4" DIA	HUDSON RIVER
124	WIB-938	305' N/O CONTRAIL BRIDGE	40	52	49	73	55	26	6" DIA	HUDSON RIVER
125	WIB-979	350' N/O CONTRAIL BRIDGE	40	52	50	73	55	25	12" DIA	HUDSON RIVER
126	WIB-939	405' N/O CONTRAIL BRIDGE	40	52	51	73	55	25	4" DIA	HUDSON RIVER
127	WIB-170	455' N/O CONTRAIL BRIDGE	40	52	52	73	55	24	18" DIA	HUDSON RIVER
128	WIB-548	500' N/O CONTRAIL BRIDGE	40	52	54	73	55	23	4" DIA PVC	HUDSON RIVER
129	WIB-513	2955' N/O CONTRAIL BRIDGE	40	53	3	73	55	19	4" DIA	HUDSON RIVER
130	WIB-940	3955' N/O CONTRAIL BRIDGE	40	53	8	73	55	17	10" DIA	HUDSON RIVER
131	WIB-980	20' S/O CONTRAIL BUILDING (W 232ND STREET)	40	53	9	73	55	16	24" DIA	HUDSON RIVER
132	WIB-502	CONTRAIL BUILDING (W 232ND STREET)	40	53	10	73	55	16	10" DIA PVC	HUDSON RIVER
133	WIB-503	25' N/O CONTRAIL BUILDING (W 232ND STREET)	40	53	10	73	55	16	10" DIA PVC	HUDSON RIVER
134	WIB-504	50' N/O CONTRAIL BUILDING (W 232ND STREET)	40	53	11	73	55	16	10" DIA PVC	HUDSON RIVER
135	WIB-505	75' N/O CONTRAIL BUILDING (W 232ND STREET)	40	53	12	73	55	15	10" DIA PVC	HUDSON RIVER
136	WIB-055	W 236TH STREET (REG # R-1)	40	53	18	73	55	13	6' X 4' 6"	HUDSON RIVER
137	WIB-519	75' N/O W 236TH STREET (REG # 1)	40	53	19	73	55	12	24" DIA	HUDSON RIVER
138	WIB-941	325' N/O W 236TH STREET (REG # 1)	40	53	21	73	55	11	24" DIA	HUDSON RIVER
139	WIB-942	400' N/O W 236TH STREET (REG # 1)	40	53	23	73	55	11	10" DIA	HUDSON RIVER
140	WIB-943	650' N/O W 236TH STREET (REG # 1)	40	53	25	73	55	10	8" DIA	HUDSON RIVER
141	WIB-944	655' N/O W 236TH STREET (REG # 1)	40	53	26	73	55	10	10" DIA	HUDSON RIVER
142	WIB-945	660' N/O W 236TH STREET (REG # 1)	40	53	26	73	55	10	24" DIA	HUDSON RIVER
143	WIB-946	665' N/O W 236TH STREET (REG # 1)	40	53	27	73	55	9	24" DIA	HUDSON RIVER
144	WIB-981	667' N/O W 236TH STREET (REG # 1)	40	53	27	73	55	9	30" DIA	HUDSON RIVER
145	WIB-947	670' N/O W 236TH STREET (REG # 1)	40	53	30	73	55	8	30" DIA	HUDSON RIVER
146	WIB-948	745' N/O W 236TH STREET (REG # 1)	40	53	31	73	55	7	24" DIA	HUDSON RIVER
147	WIB-949	895' N/O W 236TH STREET (REG # 1)	40	53	33	73	55	7	30" DIA	HUDSON RIVER
148	WIB-950	900' N/O W 236TH STREET (REG # 1)	40	53	35	73	55	6	24" DIA	HUDSON RIVER
149	WIB-951	S/O W 248TH STREET	40	53	49	73	55	0	24" DIA	HUDSON RIVER
150	WIB-054	W 248TH STREET (REG # R-2)	40	53	50	73	55	0	8' X 6'	HUDSON RIVER
151	WIB-053	W 256TH STREET (REG # R-3)	40	54	21	73	54	49	7' X 4'	HUDSON RIVER
152	WIB-952	N/O W 256TH STREET	40	54	22	73	54	48	12" DIA	HUDSON RIVER
153	WIB-982	50' N/O W 256TH STREET	40	54	24	73	54	48	48" DIA	HUDSON RIVER

WARDS ISLAND (B)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	WIB-953	250' N/O W 256TH STREET	40	54	27	73	54	47	10" DIA	HUDSON RIVER
155	WIB-954	255' N/O W 256TH STREET	40	54	27	73	54	47	24" DIA	HUDSON RIVER
156	WIB-983	256' N/O W 256TH STREET	40	54	29	73	54	46	48" DIA	HUDSON RIVER
157	WIB-984	500' S/O WESTCHESTER COUNTY LINE	40	54	50	73	54	41	48" DIA	HUDSON RIVER
158	WIB-079	W 261ST STREET (REG # R-4)	40	54	47	73	54	42	18" DIA	HUDSON RIVER
159	WIB-971	25' S/O ALEXANDER HAMILTON BRIDGE	40	50	42	73	55	41	30" DIA	HARLEM RIVER

WARDS ISLAND (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
1	WIM-002	E 73RD STREET (REG # 1)	40	45	59	73	57	2	2'-0" X 3'-6" EGG	EAST RIVER
2	WIM-003	E 74TH STREET (REG # 2A, 2B)	40	46	1	73	57	0	8'-6" X 7'-0"	EAST RIVER
3	WIM-550	S/O E 75TH STREET	40	46	3	73	56	59	8" DIA	EAST RIVER
4	WIM-551	S/O E 75TH STREET	40	46	3	73	56	59	8" DIA	EAST RIVER
5	WIM-004	E 75TH STREET (REG # 3)	40	46	4	73	56	58	2'-0" X 3'-6" EGG	EAST RIVER
6	WIM-005	E 76TH STREET (REG # 4)	40	46	6	73	56	57	2'-0" X 3'-6" EGG	EAST RIVER
7	WIM-800	100' N/O E 76TH STREET (REG # 4)	40	46	7	73	56	56	18" SQUARE	EAST RIVER
8	WIM-801	200' N/O E 77TH STREET (REG # 5)	40	46	9	73	56	54	18" SQUARE	EAST RIVER
9	WIM-006	E 77TH STREET (REG # 5)	40	46	8	73	56	55	2'-4" X 3'-6" EGG	EAST RIVER
10	WIM-802	100' N/O E 77TH STREET (REG # 5)	40	46	8	73	56	55	18" SQUARE	EAST RIVER
11	WIM-803	50' N/O E 77TH STREET (REG # 5)	40	46	11	73	56	52	18" SQUARE	EAST RIVER
12	WIM-007	E 78TH STREET (REG # 6)	40	46	10	73	56	53	2' X 3' 6" EGG	EAST RIVER
13	WIM-804	25' N/O 78TH STREET	40	46	11	73	56	53	6" DIA CLAY	EAST RIVER
14	WIM-805	30' N/O 78TH STREET	40	46	11	73	56	52	18" SQUARE	EAST RIVER
15	WIM-806	50' N/O 78TH STREET	40	46	11	73	56	52	18" SQUARE	EAST RIVER
16	WIM-008	E 79TH STREET (REG # 7)	40	46	13	73	56	51	7' X 5'	EAST RIVER
17	WIM-552	E 80TH STREET	40	46	15	73	56	49	4" DIA	EAST RIVER
18	WIM-807	10' N/O E 80TH STREET	40	46	15	73	56	49	4" DIA	EAST RIVER
19	WIM-808	15' N/O E 80TH STREET	40	46	15	73	56	48	6" DIA	EAST RIVER
20	WIM-809	55' N/O E 80TH STREET	40	46	16	73	56	48	6" DIA	EAST RIVER
21	WIM-810	60' N/O E 80TH STREET	40	46	16	73	56	48	6" DIA	EAST RIVER
22	WIM-811	115' N/O E 80TH STREET	40	46	16	73	56	47	6" DIA	EAST RIVER
23	WIM-009	E 83RD STREET (REG # 8)	40	46	21	73	56	42	15" DIA	EAST RIVER
24	WIM-812	N/O E 83RD STREET	40	46	21	73	56	41	6" DIA	EAST RIVER
25	WIM-813	S/O E 84TH STREET	40	46	22	73	56	40	10" DIA	EAST RIVER
26	WIM-957	S/O E 84TH STREET	40	46	23	73	56	40	10" DIA	EAST RIVER
27	WIM-958	S/O E 84TH STREET	40	46	23	73	56	40	10" DIA	EAST RIVER
28	WIM-814	S/O E 84TH STREET	40	46	23	73	56	40	4" DIA	EAST RIVER
29	WIM-010	E 84TH STREET (REG # 9)	40	46	23	73	56	40	16" DIA	EAST RIVER
30	WIM-815	25' N/O E 84TH STREET (REG # 9)	40	46	23	73	56	39	10" DIA	EAST RIVER
31	WIM-816	40' N/O E 84TH STREET (REG # 9)	40	46	24	73	56	39	4" DIA	EAST RIVER
32	WIM-817	70' N/O E 84TH STREET (REG # 9)	40	46	24	73	56	39	10" DIA	EAST RIVER
33	WIM-818	170' N/O E 84TH STREET (REG # 9)	40	46	25	73	56	38	10" DIA	EAST RIVER
34	WIM-819	270' N/O E 84TH STREET (REG # 9)	40	46	26	73	56	37	10" DIA	EAST RIVER
35	WIM-820	E 85TH STREET	40	46	26	73	56	37	10" DIA	EAST RIVER
36	WIM-821	N/O E 85TH STREET	40	46	26	73	56	37	10" DIA	EAST RIVER
37	WIM-011	E 86TH STREET (REG # 10)	40	46	28	73	56	35	5' X 5'	EAST RIVER
38	WIM-012	E 89TH STREET (REG # 11)	40	46	35	73	56	31	60" DIA	EAST RIVER
39	WIM-822	N/O E 89TH STREET (REG # 11)	40	46	36	73	56	31	4" DIA	EAST RIVER
40	WIM-959	100' N/O E 89TH STREET (REG # 11)	40	46	37	73	56	31	4" DIA	EAST RIVER
41	WIM-0140791	S/O E 90TH STREET	40	46	38	73	56	33	4" DIA	EAST RIVER
42	WIM-013	E 90TH STREET (REG # 12)	40	46	39	73	56	33	2'-4" X 4'-0" EGG	EAST RIVER
43	WIM-501	100' N/O E 90TH STREET (REG # 12)	40	46	40	73	56	33	4" DIA PVC	EAST RIVER
44	WIM-103	S/O E 91ST STREET (REG # 13)	40	46	43	73	56	34	10" DIA	EAST RIVER
45	WIM-014	E 91ST STREET (REG # 13)	40	46	43	73	56	34	2'-4" X 4'-0" EGG	EAST RIVER
46	WIM-104	S/O E 92ND STREET - N/O M.T.S	40	46	47	73	56	36	12" DIA	EAST RIVER
47	WIM-015	E 92ND STREET (REG # 14)	40	46	47	73	56	36	5' X 4' 6"	EAST RIVER
48	WIM-824	E 94TH STREET	40	46	53	73	56	38	8" DIA	EAST RIVER
49	WIM-999	E 94TH STREET	40	46	53	73	56	38	2' 4" X 4' EGG	EAST RIVER
50	WIM-016	E 95TH STREET (REG # 15)	40	46	56	73	56	37	48" DIA	EAST RIVER
51	WIM-017	E 96TH STREET (REG # 16)	40	46	58	73	56	37	8'6" X 5'3"	EAST RIVER

WARDS ISLAND (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
52	WIM-105	E 98TH STREET	40	47	2	73	56	32	15" DIA	EAST RIVER
53	WIM-978	E 99TH STREET	40	47	4	73	56	30	2' 4" X 4' EGG	EAST RIVER
54	WIM-018	E 100TH STREET (REG # 17)	40	47	5	73	56	26	2' 4" X 4' EGG	EAST RIVER
55	WIM-019	E 101ST STREET (REG # 18)	40	47	7	73	56	23	2' 4" X 4' EGG	EAST RIVER
56	WIM-043	E 102ND STREET (REG # 19)	40	47	9	73	56	21	5' 3" X 5' 3"	EAST RIVER
57	WIM-020	E 103RD STREET (REG # 20)	40	47	12	73	56	19	2' 4" X 4' EGG	EAST RIVER
58	WIM-021	E 104TH STREET (REG # 21)	40	47	14	73	56	17	2' 4" X 4' EGG	EAST RIVER
59	WIM-022	E 105TH STREET (REG # 22)	40	47	16	73	56	16	2' 4" X 4' EGG	EAST RIVER
60	WIM-825	S/O E 106TH STREET (REG # 23)	40	47	18	73	56	15	6" DIA	EAST RIVER
61	WIM-023	E 106TH STREET (REG # 23)	40	47	19	73	56	15	DBL 7' 6" X 6'	EAST RIVER
62	WIM-024	E 110TH STREET (REG # 24)	40	47	28	73	56	9	DBL 8' 6" X 7' 6"	EAST RIVER
63	WIM-979	E 111TH STREET	40	47	30	73	56	6	2' 4" X 4' EGG	EAST RIVER
64	WIM-826	100' N/O E 111TH STREET	40	47	31	73	56	5	6" DIA	EAST RIVER
65	WIM-025	E 114TH STREET (REG # 25)	40	47	36	73	55	58	8' X 5' 3"	EAST RIVER
66	WIM-827	50' N/O E 114TH STREET (REG # 25)	40	47	36	73	55	57	8" DIA	EAST RIVER
67	WIM-828	100' N/O E 114TH STREET (REG # 25)	40	47	37	73	55	56	12" SQUARE	EAST RIVER
68	WIM-829	150' N/O E 114TH STREET (REG # 25)	40	47	37	73	55	55	12" SQUARE	EAST RIVER
69	WIM-026	E 115TH STREET (REG # 26)	40	47	37	73	55	55	2' 4" X 4' EGG	EAST RIVER
70	WIM-830	10' N/O E 115TH STREET (REG # 26)	40	47	37	73	55	54	12" SQUARE	EAST RIVER
71	WIM-027	E 116TH STREET (REG # 27)	40	47	39	73	55	52	2' 4" X 4' EGG	EAST RIVER
72	WIM-980	10' N/O E 116TH STREET (REG # 27)	40	47	39	73	55	51	10" DIA	EAST RIVER
73	WIM-981	110' N/O E 116TH STREET (REG # 27)	40	47	40	73	55	50	15" DIA	EAST RIVER
74	WIM-831	125' N/O E 116TH STREET (REG # 27)	40	47	40	73	55	50	6" DIA	EAST RIVER
75	WIM-832	100' S/O 118TH STREET	40	47	42	73	55	48	6" DIA	EAST RIVER
76	WIM-833	50' N/O E 118TH STREET (REG # 29)	40	47	44	73	55	46	6" DIA	EAST RIVER
77	WIM-834	25' S/O E 119TH STREET	40	47	45	73	55	46	18" DIA	EAST RIVER
78	WIM-030	E 119TH STREET (REG # 30)	40	47	45	73	55	45	2' 4" X 4' 6" EGG	EAST RIVER
79	WIM-031	E 120TH STREET (REG # 31)	40	47	49	73	55	45	4' 6" X 5'	EAST RIVER
80	WIM-835	30' N/O E 120TH STREET (REG # 31)	40	47	49	73	55	44	8" DIA	EAST RIVER
81	WIM-032	E 121ST STREET (REG # 32)	40	47	52	73	55	44	2' 4" X 4' EGG	EAST RIVER
82	WIM-033	E 122ND STREET (REG # 33)	40	47	55	73	55	44	4' X 4' 9"	EAST RIVER
83	WIM-836	250' N/O E 122TH STREET (REG # 33)	40	47	58	73	55	44	18" SQUARE	EAST RIVER
84	WIM-837	300' N/O E 122TH STREET (REG # 33)	40	47	59	73	55	44	18" SQUARE	EAST RIVER
85	WIM-838	100' S/O E 124TH STREET (REG # 34)	40	48	0	73	55	44	18" SQUARE	EAST RIVER
86	WIM-034	E 124TH STREET (REG # 34)	40	48	1	73	55	44	2' 4" X 3' 6"	EAST RIVER
87	WIM-839	TRIBOROUGH BRIDGE	40	48	3	73	55	44	18" SQUARE	EAST RIVER
88	WIM-035	E 125TH STREET (REG # 35)	40	48	3	73	55	44	2' 8" X 4'	EAST RIVER
89	WIM-840	N/O 125TH STREET	40	48	3	73	55	44	8" DIA	EAST RIVER
90	WIM-841	200' N/O 125TH STREET	40	48	6	73	55	46	8" DIA	EAST RIVER
91	WIM-506	100' S/O WILLIS AVENUE BRIDGE	40	48	10	73	55	48	8" DIA	EAST RIVER
92	WIM-843	WILLIS AVENUE BRIDGE (NORTH SIDE)	40	48	12	73	55	48	4" DIA	HARLEM RIVER
93	WIM-844	100' N/O WILLIS AVENUE BRIDGE	40	48	13	73	55	49	12" DIA	HARLEM RIVER
94	WIM-845	200' N/O WILLIS AVENUE BRIDGE	40	48	14	73	55	50	12" DIA	HARLEM RIVER
95	WIM-846	375' N/O WILLIS AVENUE BRIDGE	40	48	16	73	55	51	10" DIA	HARLEM RIVER
96	WIM-982	S/O E 129TH STREET	40	48	20	73	55	54	36" DIA	HARLEM RIVER
97	WIM-847	150' N/O E 129TH STREET	40	48	21	73	55	55	10" DIA	HARLEM RIVER
98	WIM-848	350' N/O E 129TH STREET	40	48	23	73	55	57	10" DIA	HARLEM RIVER
99	WIM-849	20' S/O E 129TH STREET (REG # 36)	40	48	20	73	55	54	10" DIA	HARLEM RIVER
100	WIM-036	E 129TH STREET (REG # 36)	40	48	20	73	55	54	48" DIA	HARLEM RIVER
101	WIM-850	150' N/O E 129TH STREET (REG # 36)	40	48	21	73	55	55	10" DIA	HARLEM RIVER
102	WIM-851	350' N/O E 129TH STREET (REG # 36)	40	48	23	73	55	57	10" DIA	HARLEM RIVER

WARDS ISLAND (M)

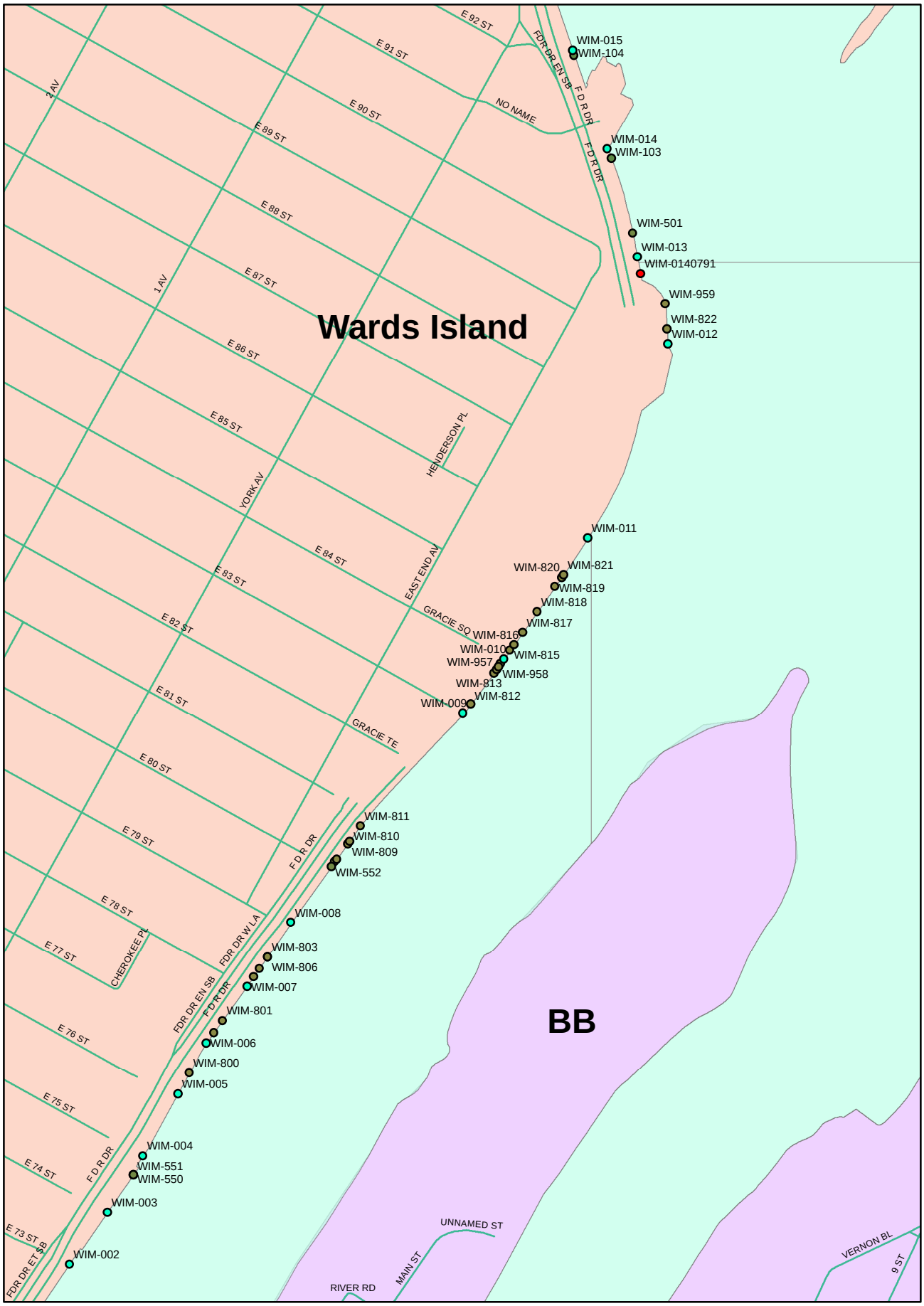
NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
103	WIM-852	200' S/O 3RD AVENUE BRIDGE (REG # 37)	40	48	24	73	55	58	10" DIA	HARLEM RIVER
104	WIM-853	100' S/O 3RD AVENUE BRIDGE (REG # 37)	40	48	25	73	55	59	10" DIA	HARLEM RIVER
105	WIM-037	E 130TH STREET (REG # 37)	40	48	26	73	55	60	2' 8" X 4' EGG	HARLEM RIVER
106	WIM-854	5' N/O 3RD AVENUE BRIDGE (REG # 37)	40	48	26	73	55	60	10" DIA	HARLEM RIVER
107	WIM-855	50' N/O 3RD AVENUE BRIDGE	40	48	27	73	56	0	8" DIA	HARLEM RIVER
108	WIM-856	250' N/O 3RD AVENUE BRIDGE	40	48	28	73	56	1	10" DIA	HARLEM RIVER
109	WIM-857	400' N/O 3RD AVENUE BRIDGE	40	48	30	73	56	2	10" DIA	HARLEM RIVER
110	WIM-858	600' N/O 3RD AVENUE BRIDGE	40	48	32	73	56	3	10" DIA	HARLEM RIVER
111	WIM-859	800' N/O 3RD AVENUE BRIDGE	40	48	34	73	56	3	10" DIA	HARLEM RIVER
112	WIM-860	1000' N/O 3RD AVENUE BRIDGE	40	48	36	73	56	4	10" DIA	HARLEM RIVER
113	WIM-861	50' S/O NEW YORK CITY RAILROAD BRIDGE	40	48	38	73	56	3	10" DIA	HARLEM RIVER
114	WIM-862	20' N/O NEW YORK CITY RAILROAD BRIDGE	40	48	39	73	56	3	10" DIA	HARLEM RIVER
115	WIM-863	100' N/O NEW YORK CITY RAILROAD BRIDGE	40	48	40	73	56	3	10" DIA	HARLEM RIVER
116	WIM-038	E 135TH STREET (REG # 38)	40	48	41	73	56	3	8' 6" X 6'	HARLEM RIVER
117	WIM-864	50' N/O E 135TH STREET (REG # 38)	40	48	41	73	56	3	10" DIA	HARLEM RIVER
118	WIM-865	350' N/O E 135TH STREET (REG # 38)	40	48	43	73	56	3	10" DIA	HARLEM RIVER
119	WIM-866	600' N/O E 135TH STREET (REG # 38)	40	48	46	73	56	2	10" DIA	HARLEM RIVER
120	WIM-867	200' S/O MADISON AVENUE BRIDGE	40	48	48	73	56	2	10" DIA	HARLEM RIVER
121	WIM-868	50' S/O MADISON AVENUE BRIDGE	40	48	50	73	56	2	10" DIA	HARLEM RIVER
122	WIM-869	40' N/O MADISON AVENUE BRIDGE	40	48	52	73	56	2	10" DIA	HARLEM RIVER
123	WIM-870	90' N/O MADISON AVENUE BRIDGE	40	48	53	73	56	2	15" DIA	HARLEM RIVER
124	WIM-039	W 140TH STREET (REG # 39)	40	48	56	73	56	2	2' 8" X 4' EGG	HARLEM RIVER
125	WIM-040	W 141ST STREET (REG # 40)	40	48	59	73	56	2	2' 4" X 5' EGG	HARLEM RIVER
126	WIM-041	W 142ND STREET (REG # 41)	40	49	1	73	56	2	2' 8" X 4' EGG	HARLEM RIVER
127	WIM-960	20' N/O W 142ND STREET (REG # 41)	40	49	2	73	56	2	4" DIA	HARLEM RIVER
128	WIM-042	W 143RD STREET (REG # 42)	40	49	4	73	56	2	2' 4" X 3' 6" EGG	HARLEM RIVER
129	WIM-983	150' N/O W 143RD STREET (REG # 42)	40	49	6	73	56	2	15" DIA	HARLEM RIVER
130	WIM-984	300' N/O W 143RD STREET (REG # 42)	40	49	7	73	56	2	2' 4" X 5' EGG	HARLEM RIVER
131	WIM-871	30' S/O 145TH STREET BRIDGE (REG # 44)	40	49	10	73	56	2	10" DIA	HARLEM RIVER
132	WIM-044	W. 145TH STREET (REG # 44)	40	49	10	73	56	2	5' X 6'	HARLEM RIVER
133	WIM-963	UNDER 145TH STREET BRIDGE (REG # 44)	40	49	10	73	56	2	12" DIA	HARLEM RIVER
134	WIM-045	W 149TH STREET (REG # 45)	40	49	18	73	56	3	5' 6" X 6'	HARLEM RIVER
135	WIM-872	S/O W 148TH STREET	40	49	20	73	56	3	18" DIA	HARLEM RIVER
136	WIM-873	200' N/O W 148TH STREET	40	49	23	73	56	3	18" DIA	HARLEM RIVER
137	WIM-046	W 151ST STREET (REG # 46)	40	49	30	73	56	3	8' 6" X 8'	HARLEM RIVER
138	WIM-874	100' N/O W 151ST STREET (REG # 46)	40	49	31	73	56	3	8" DIA	HARLEM RIVER
139	WIM-875	300' N/O W 151ST STREET (REG # 46)	40	49	33	73	56	4	8" DIA	HARLEM RIVER
140	WIM-964	400' N/O W 151ST STREET (REG # 46)	40	49	34	73	56	4	8" DIA	HARLEM RIVER
141	WIM-965	120' S/O W 154TH STREET (REG # 47)	40	49	37	73	56	4	4" DIA	HARLEM RIVER
142	WIM-876	100' S/O W 154TH STREET (REG # 47)	40	49	37	73	56	4	10" DIA	HARLEM RIVER
143	WIM-047	W 154TH STREET (REG # 47)	40	49	39	73	56	4	2' 8" X 4'	HARLEM RIVER
144	WIM-877	20' S/O MCCOMBS DAM BRIDGE	40	49	41	73	56	4	10" DIA	HARLEM RIVER
145	WIM-878	10' S/O MCCOMBS DAM BRIDGE	40	49	41	73	56	4	4" DIA	HARLEM RIVER
146	WIM-048	W 155TH STREET (REG # 48)	40	49	41	73	56	4	2' 4" X 4' EGG	HARLEM RIVER
147	WIM-879	200' N/O W 155TH STREET (REG # 48)	40	49	43	73	56	5	8" DIA	HARLEM RIVER
148	WIM-880	250' N/O W 155TH STREET (REG # 48)	40	49	43	73	56	5	10" DIA	HARLEM RIVER
149	WIM-881	25' S/O W 156TH STREET (REG # 50)	40	49	45	73	56	5	8" DIA	HARLEM RIVER
150	WIM-050	W 156TH STREET (REG # 50)	40	49	45	73	56	5	2' 8" X 4' EGG	HARLEM RIVER
151	WIM-882	200' N/O W 156TH STREET (REG # 50)	40	49	47	73	56	5	10" DIA	HARLEM RIVER
152	WIM-985	250' N/O W 156TH STREET (REG # 50)	40	49	48	73	56	5	2' X 4' EGG	HARLEM RIVER
153	WIM-883	450' N/O W 156TH STREET (REG # 50)	40	49	51	73	56	6	8" DIA	HARLEM RIVER

WARDS ISLAND (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
154	WIM-986	W 160TH STREET	40	49	58	73	56	7	2' 4" X 4' EGG	HARLEM RIVER
155	WIM-987	50' N/O W 160TH STREET	40	49	59	73	56	6	48" DIA	HARLEM RIVER
156	WIM-884	100' N/O W 160TH STREET	40	49	59	73	56	6	8" DIA	HARLEM RIVER
157	WIM-885	140' N/O W 160TH STREET	40	50	0	73	56	6	10" DIA	HARLEM RIVER
158	WIM-886	W 161ST STREET	40	50	1	73	56	6	8" DIA	HARLEM RIVER
159	WIM-887	W 162ND STREET	40	50	3	73	56	6	6" DIA	HARLEM RIVER
160	WIM-888	W 164TH STREET	40	50	9	73	56	4	10" DIA	HARLEM RIVER
161	WIM-889	200' N/O W 164TH STREET	40	50	11	73	56	4	10" DIA	HARLEM RIVER
162	WIM-890	W 165TH STREET	40	50	11	73	56	3	8" DIA	HARLEM RIVER
163	WIM-891	500' N/O W 165TH STREET	40	50	13	73	56	2	8" DIA	HARLEM RIVER
164	WIM-892	W 166TH STREET	40	50	14	73	56	2	8" DIA	HARLEM RIVER
165	WIM-051	W 167TH STREET (REG # 51)	40	50	14	73	56	2	48" DIA	HARLEM RIVER
166	WIM-893	100' S/O HIGH BRIDGE	40	50	31	73	55	52	16" SQUARE	HARLEM RIVER
167	WIM-894	20' N/O HIGH BRIDGE	40	50	33	73	55	51	6" DIA	HARLEM RIVER
168	WIM-988	20' N/O HIGH BRIDGE	40	50	33	73	55	51	3' 6" X 5'	HARLEM RIVER
169	WIM-989	100' N/O HIGH BRIDGE	40	50	34	73	55	51	48" DIA	HARLEM RIVER
170	WIM-895	200' N/O HIGH BRIDGE	40	50	36	73	55	50	4" DIA	HARLEM RIVER
171	WIM-052	W 176TH STREET (REG # 52)	40	50	38	73	55	49	5' X 5'	HARLEM RIVER
172	WIM-896	100' N/O W 176TH STREET (REG # 52)	40	50	40	73	55	49	6" DIA	HARLEM RIVER
173	WIM-897	300' N/O W 176TH STREET (REG # 52)	40	50	41	73	55	48	4" DIA	HARLEM RIVER
174	WIM-990	310' N/O W 176TH STREET (REG # 52)	40	50	42	73	55	48	36" DIA	HARLEM RIVER
175	WIM-991	W 178TH STREET	40	50	43	73	55	47	36" DIA	HARLEM RIVER
176	WIM-992	UNDER ALEXANDER HAMILTON BRIDGE	40	50	45	73	55	46	2' X 4' EGG	HARLEM RIVER
177	WIM-993	N/O W 179TH STREET	40	50	45	73	55	45	48" DIA	HARLEM RIVER
178	WIM-994	N/O W 179TH STREET	40	50	45	73	55	45	DBL 48" DIA	HARLEM RIVER
179	WIM-995	S/O W 180TH STREET	40	50	47	73	55	44	36" DIA	HARLEM RIVER
180	WIM-553	150' S/O WASHINGTON BRIDGE	40	50	48	73	55	43	8" DIA	HARLEM RIVER
181	WIM-996	W 182ND STREET	40	50	52	73	55	41	48" DIA	HARLEM RIVER
182	WIM-966	N/O W 182ND STREET	40	50	52	73	55	40	6" DIA	HARLEM RIVER
183	WIM-997	W 183RD STREET	40	50	54	73	55	39	48" DIA	HARLEM RIVER
184	WIM-554	W 183RD STREET	40	50	55	73	55	39	6" DIA	HARLEM RIVER
185	WIM-512	W 187TH STREET	40	51	4	73	55	32	10" DIA	HARLEM RIVER
186	WIM-555	S/O W 188TH STREET	40	51	6	73	55	31	4" DIA	HARLEM RIVER
187	WIM-510	50' N/O 103RD ST BRIDGE (WARDS ISLAND - W)	40	47	8	73	56	9	24" DIA	EAST RIVER
188	WIM-556	103RD STREET BRIDGE	40	47	8	73	56	9	8" DIA	EAST RIVER
189	WIM-557	100' S/O 103RD ST BRIDGE (WARDS ISLAND - W)	40	47	6	73	56	9	6" DIA	EAST RIVER
190	WIM-898	800' E/O SOUTHWEST CORNER OF WARDS ISLAND	40	46	58	73	56	4	4" DIA	HELL GATE
191	WIM-899	1000' N/O TRIBOROUGH BRIDGE (WARDS ISLAND - E)	40	46	55	73	55	33	10" DIA	HELL GATE
192	WIM-900	100' S/O RAILROAD BRIDGE (WARDS ISLAND - E)	40	46	57	73	55	27	8" DIA	HELL GATE
193	WIM-901	70' S/O RAILROAD BRIDGE (WARDS ISLAND - E)	40	46	58	73	55	26	4" DIA	HELL GATE
194	WIM-902	UNDER RAILROAD BRIDGE (WARDS ISLAND - E)	40	46	58	73	55	25	8" DIA	HELL GATE
195	WIM-200	S/O SOUTH END OF WARDS ISLAND W.P.C.P. DOCK	40	47	7	73	55	20	10" DIA	HELL GATE
196	WIM-201	SOUTH END OF WI W.P.C.P DOCK	40	47	9	73	55	19	4" DIA	HELL GATE
197	WIM-001	WARDS ISLAND W.P.C.P. OUTFALL	40	47	10	73	55	17	DB 144" DIA	EAST RIVER
198	WIM-202	300' N/O SOUTH END OF WI W.P.C.P DOCK	40	47	12	73	55	16	8" DIA	HELL GATE
199	WIM-203	400' N/O SOUTH END OF WI W.P.C.P DOCK	40	47	13	73	55	15	4" DIA	HELL GATE
200	WIM-204	450' N/O SOUTH END OF WI W.P.C.P DOCK	40	47	14	73	55	14	4" DIA	HELL GATE
201	WIM-977	150' S/O FIRE TRAINING CENTER DOCK	40	47	25	73	55	4	12" DIA	HELL GATE
202	WIM-904	50' S/O FIRE TRAINING CENTER DOCK (RANDALLS IS)	40	47	25	73	55	3	10" DIA	HELL GATE
203	WIM-905	2000' E/O TRIBOROUGH BRIDGE (RANDALLS IS - N)	40	47	52	73	54	59	12" DIA	BRONX KILL
204	WIM-134	25' W/O SAINT ANN'S AVENUE (RANDALLS IS - N)	40	48	6	73	55	20	10" DIA	BRONX KILL

WARDS ISLAND (M)

NO	OUTFALL ID	OUTFALL LOCATION	LATITUDE			LONGITUDE			OUTFALL SIZE	RECEIVING WATER
			DEG	MIN	SEC	DEG	MIN	SEC		
205	WIM-135	40' W/O SAINT ANN'S AVENUE (RANDALLS IS - N)	40	48	6	73	55	20	18" DIA	BRONX KILL
206	WIM-136	E/O BROOK AVENUE (RANDALLS IS - N)	40	48	7	73	55	22	24" DIA	BRONX KILL
207	WIM-998	W 189TH STREET	40	51	8	73	55	29	36" DIA	HARLEM RIVER
208	WIM-107	150' S/O TRIBOROUGH BRIDGE (RANDALLS IS - W)	40	47	57	73	55	38	12" DIA	EAST RIVER
209	WIM-558	175' S/O TRIBOROUGH BRIDGE (RANDALLS IS - W)	40	47	57	73	55	38	6" DIA	EAST RIVER
210	WIM-109	200' S/O TRIBOROUGH BRIDGE (RANDALLS IS - W)	40	47	57	73	55	38	12" DIA	EAST RIVER
211	WIM-956	900' S/O TRIBOROUGH BRIDGE (RANDALLS IS - W)	40	47	55	73	55	39	24" DIA	EAST RIVER
212	WIM-971	200' N/O OPPOSITE 121ST MANHATTAN (RANDALLS IS - W)	40	47	54	73	55	39	12" DIA	EAST RIVER
213	WIM-972	50' N/O OPPOSITE 121ST MANHATTAN (RANDALLS IS - W)	40	47	52	73	55	39	12" DIA	EAST RIVER
214	WIM-111	OPPOSITE 121ST MANHATTAN (RANDALLS IS - W)	40	47	52	73	55	39	24" DIA	EAST RIVER
215	WIM-559	OPPOSITE 120TH MANHATTAN (RANDALLS IS - W)	40	47	49	73	55	37	6" DIA	EAST RIVER
216	WIM-973	25' S/O OPPOSITE 120TH MANHATTAN (RANDALLS IS - W)	40	47	48	73	55	37	6" DIA	EAST RIVER
217	WIM-507	OPPOSITE 118TH ST MANHATTAN (RANDALLS IS - W)	40	47	42	73	55	38	8" DIA	EAST RIVER
218	WIM-560	OPPOSITE 117TH ST MANHATTAN (RANDALLS IS - W)	40	47	39	73	55	40	8" DIA	EAST RIVER
219	WIM-561	OPPOSITE 116TH ST MANHATTAN (RANDALLS IS - W)	40	47	37	73	55	41	8" DIA	EAST RIVER
220	WIM-974	OPPOSITE 115TH ST MANHATTAN (RANDALLS IS - W)	40	47	35	73	55	42	8" DIA	EAST RIVER
221	WIM-975	OPPOSITE 114TH ST MANHATTAN (RANDALLS IS - W)	40	47	32	73	55	42	10" DIA	EAST RIVER
222	WIM-955	300' W/O TRIBOROUGH BRIDGE (RANDALLS IS - S)	40	47	29	73	55	34	10" DIA	LITTLE HELL GATE
223	WIM-205	285' W/O TRIBOROUGH BRIDGE (RANDALLS IS - S) (Storm Outfall from plant)	40	47	29	73	55	34	24" DIA	LITTLE HELL GATE
224	WIM-562	200' W/O TRIBOROUGH BRIDGE (RANDALLS IS)	40	47	28	73	55	34	4" DIA	LITTLE HELL GATE
225	WIM-563	190' W/O TRIBOROUGH BRIDGE (RANDALLS IS)	40	47	27	73	55	34	4" DIA	LITTLE HELL GATE
226	WIM-564	200' W/O TRIBOROUGH BRIDGE (WARDS IS - N)	40	47	27	73	55	36	4" DIA	LITTLE HELL GATE
227	WIM-565	250' W/O TRIBOROUGH BRIDGE (WARDS IS - N)	40	47	27	73	55	37	8" DIA	LITTLE HELL GATE
228	WIM-566	285' W/O TRIBOROUGH BRIDGE (WARDS IS - N)	40	47	27	73	55	38	4" DIA	LITTLE HELL GATE
229	WIM-116	300' W/O TRIBOROUGH BRIDGE (WARDS IS - N)	40	47	27	73	55	39	42" DIA	LITTLE HELL GATE
230	WIM-514	900' W/O TRIBOROUGH BRIDGE (WARDS IS - N)	40	47	28	73	55	44	42" DIA	LITTLE HELL GATE
231	WIM-567	OPPOSITE 113TH ST MANHATTAN (RANDALLS IS - W)	40	47	28	73	55	49	6" DIA	EAST RIVER
232	WIM-568	OPPOSITE 112TH ST MANHATTAN (RANDALLS IS - W)	40	47	27	73	55	52	6" DIA	EAST RIVER
233	WIM-569	10' S/O OPPOSITE 112TH ST MANHATTAN (RANDALLS IS - W)	40	47	27	73	55	52	6" DIA	EAST RIVER
234	WIM-570	20' S/O OPPOSITE 112TH ST MANHATTAN (RANDALLS IS - W)	40	47	26	73	55	52	6" DIA	EAST RIVER
235	WIM-121	OPPOSITE 111ST ST MANHATTAN (WARDS IS - W)	40	47	25	73	55	54	36" DIA	EAST RIVER
236	WIM-509	OPPOSITE 110TH ST MANHATTAN (WARDS IS - W)	40	47	23	73	55	57	36" DIA	EAST RIVER
237	WIM-976	50' S/O OPPOSITE 110TH ST MANHATTAN (WARDS ISLAND - W)	40	47	22	73	55	57	8" DIA	EAST RIVER
238	WIM-571	75' N/O OPPOSITE 109TH ST MANHATTAN (WARDS ISLAND - W)	40	47	21	73	55	58	6" DIA	EAST RIVER
239	WIM-572	74' N/O OPPOSITE 109TH ST MANHATTAN (WARDS ISLAND - W)	40	47	21	73	55	58	6" DIA	EAST RIVER
240	WIM-123	OPPOSITE 109TH ST MANHATTAN (WARDS IS - W)	40	47	20	73	55	58	72" DIA	EAST RIVER
241	WIM-573	150' N/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	17	73	56	1	8" DIA	EAST RIVER
242	WIM-125	40' N/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	16	73	56	2	30" DIA	EAST RIVER
243	WIM-126	5' N/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	16	73	56	3	10" DIA	EAST RIVER
244	WIM-574	50' S/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	14	73	56	4	6" DIA	EAST RIVER
245	WIM-575	56' S/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	14	73	56	4	6" DIA	EAST RIVER
246	WIM-576	75' S/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	14	73	56	4	6" DIA	EAST RIVER
247	WIM-577	85' S/O PIER MANHATTAN - STATE (WARDS IS - W)	40	47	13	73	56	5	6" DIA	EAST RIVER
248	WIM-578	OPPOSITE 105TH ST MANHATTAN (WARDS IS - W)	40	47	12	73	56	5	4" DIA	EAST RIVER
249	WIM-579	50' S/O OPPOSITE 105TH ST MANHATTAN (WARDS IS - W)	40	47	11	73	56	6	6" DIA	EAST RIVER
250	WIM-580	60' S/O OPPOSITE 105TH ST MANHATTAN (WARDS IS - W)	40	47	11	73	56	6	6" DIA	EAST RIVER
251	WIM-581	SOUTH FENCE LINE OF W.P.C.P (WARD IS - W)	40	47	10	73	56	7	8" DIA	EAST RIVER
252	WIM-582	75' N/O 103RD STREET BRIDGE (WARDS IS -W)	40	47	9	73	56	8	8" DIA	EAST RIVER
253	WIM-106	20' S/O TRIBOROUGH BRIDGE (RANDALLS ISLAND)	40	47	59	73	55	37	36" DIA	EAST RIVER


Wards Island
BB
E 92 ST
E 91 ST
E 90 ST
E 89 ST
E 88 ST
E 87 ST
E 86 ST
E 85 ST
E 84 ST
E 83 ST
E 82 ST
E 81 ST
E 80 ST
E 79 ST
E 78 ST
E 77 ST
E 76 ST
E 75 ST
E 74 ST
E 73 ST
2 AV
1 AV
YORK AV
HENDERSON PL
EAST END AV
GRACIE SQ
GRACIE TE
CHEROKEE PL
NO NAME
FDR DR EN SB
F D R DR
FDR DR W LA
FDR DR ET SB
UNNAMED ST
MAIN ST
RIVER RD
VERNON BL
9 ST
WIM-015
WIM-104
WIM-014
WIM-103
WIM-501
WIM-013
WIM-0140791
WIM-959
WIM-822
WIM-012
WIM-011
WIM-820
WIM-821
WIM-819
WIM-818
WIM-817
WIM-816
WIM-010
WIM-815
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WIM-813
WIM-812
WIM-009
WIM-811
WIM-810
WIM-809
WIM-552
WIM-008
WIM-803
WIM-806
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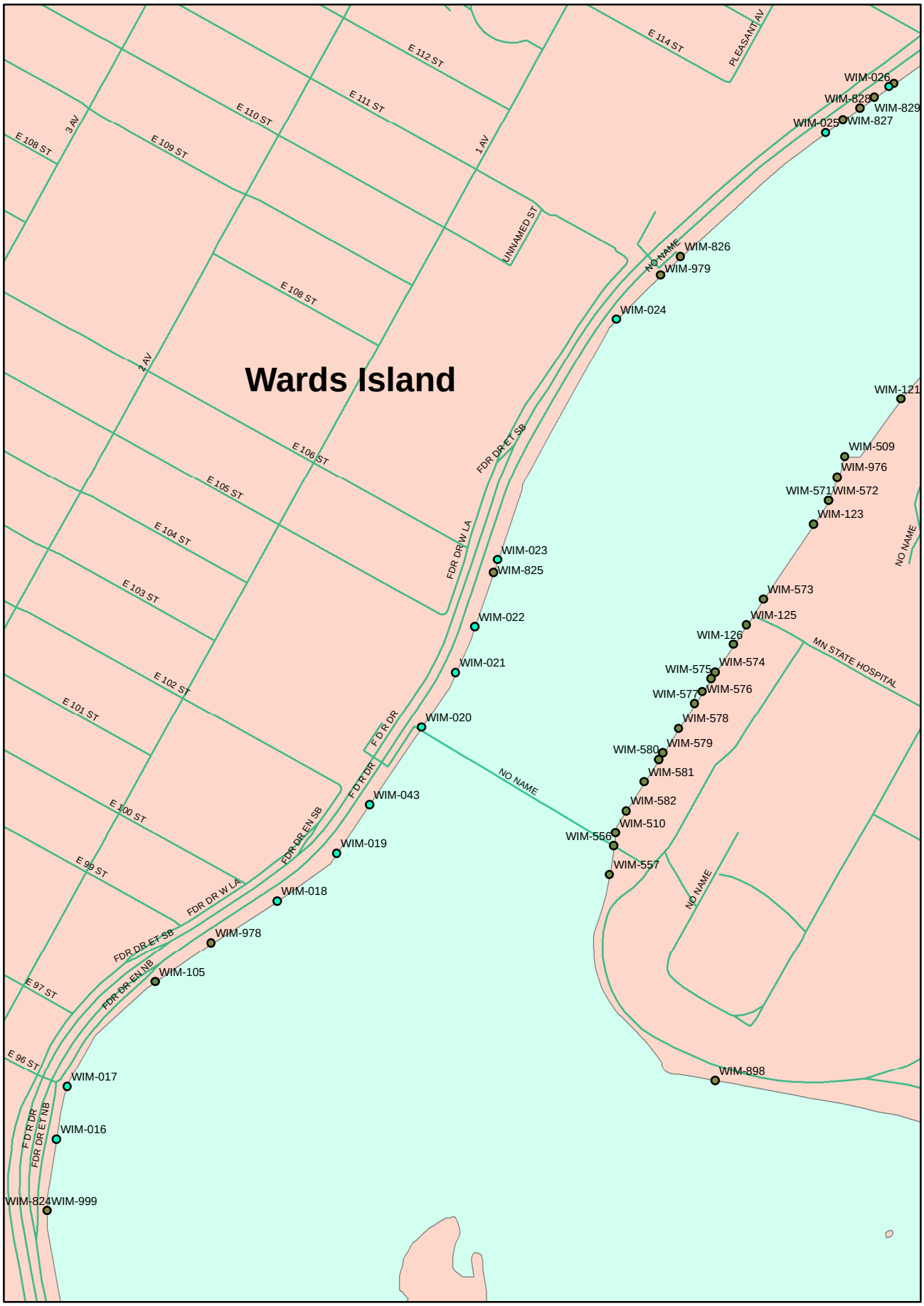
WIM-005
WIM-004
WIM-551
WIM-550
WIM-003
WIM-002


Wards Island
E 114 ST
PLEASANT AV
E 112 ST
E 111 ST
E 110 ST
E 109 ST
E 108 ST
3 AV
1 AV
UNNAMED ST
NO NAME
2 AV
E 106 ST
E 105 ST
E 104 ST
E 103 ST
E 102 ST
E 101 ST
E 100 ST
E 99 ST
E 97 ST
E 96 ST
FDR DR ET SB
FDR DR W LA
FDR DR EN SB
FDR DR EN NB
FDR DR ET NB
F D R DR
MN STATE HOSPITAL
WIM-026
WIM-828
WIM-829
WIM-025
WIM-827
WIM-826
WIM-979
WIM-024
WIM-121
WIM-509
WIM-976
WIM-571
WIM-572
WIM-123
WIM-573
WIM-125
WIM-126
WIM-574
WIM-575
WIM-576
WIM-577
WIM-578
WIM-579
WIM-580
WIM-581
WIM-582
WIM-510
WIM-556
WIM-557
WIM-898
WIM-023
WIM-825
WIM-022
WIM-021
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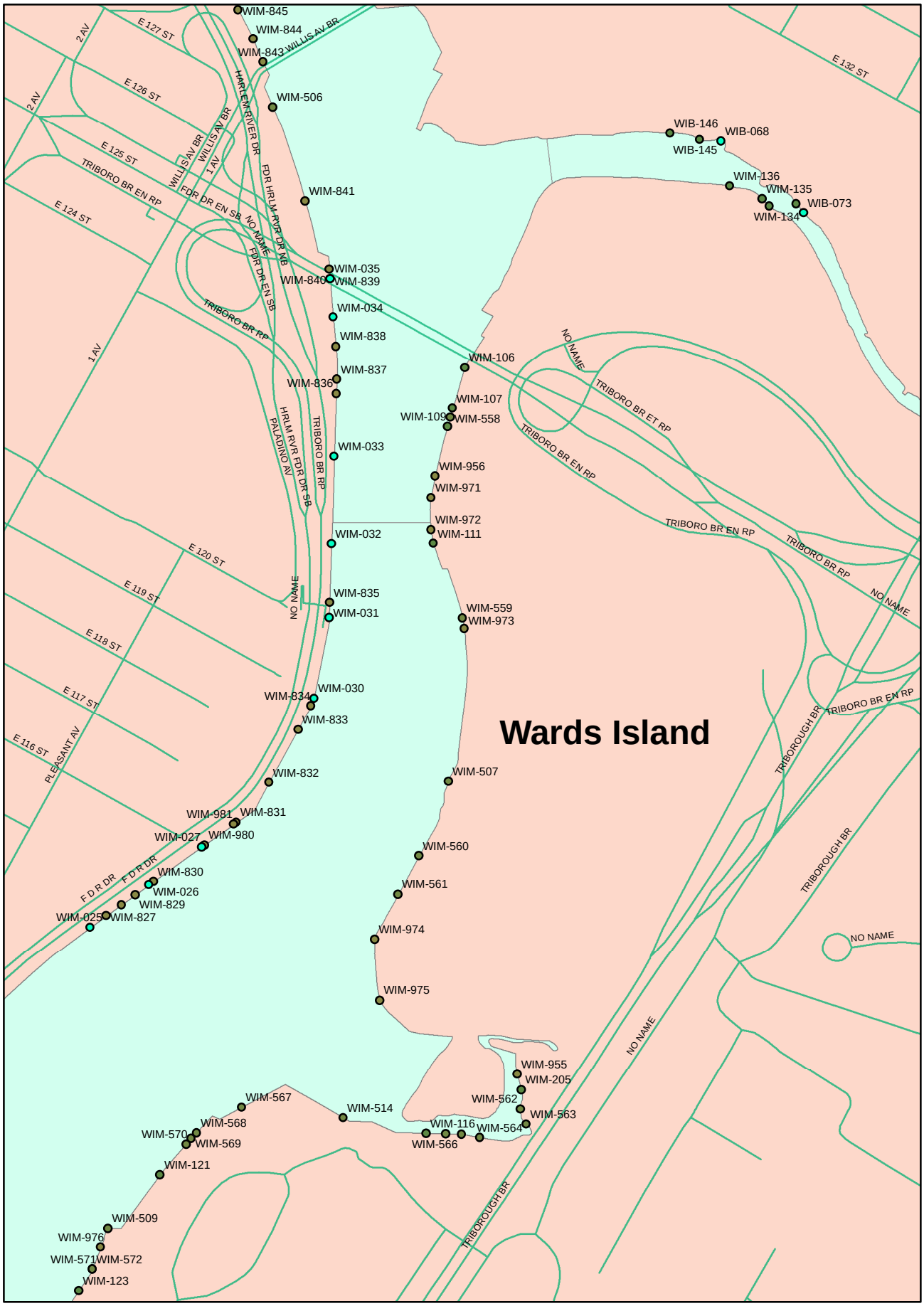
WIM-824
WIM-999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WIM-844
WIM-843
WIM-506
WIM-841
WIM-035
WIM-840
WIM-839
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WIM-838
WIM-837
WIM-836
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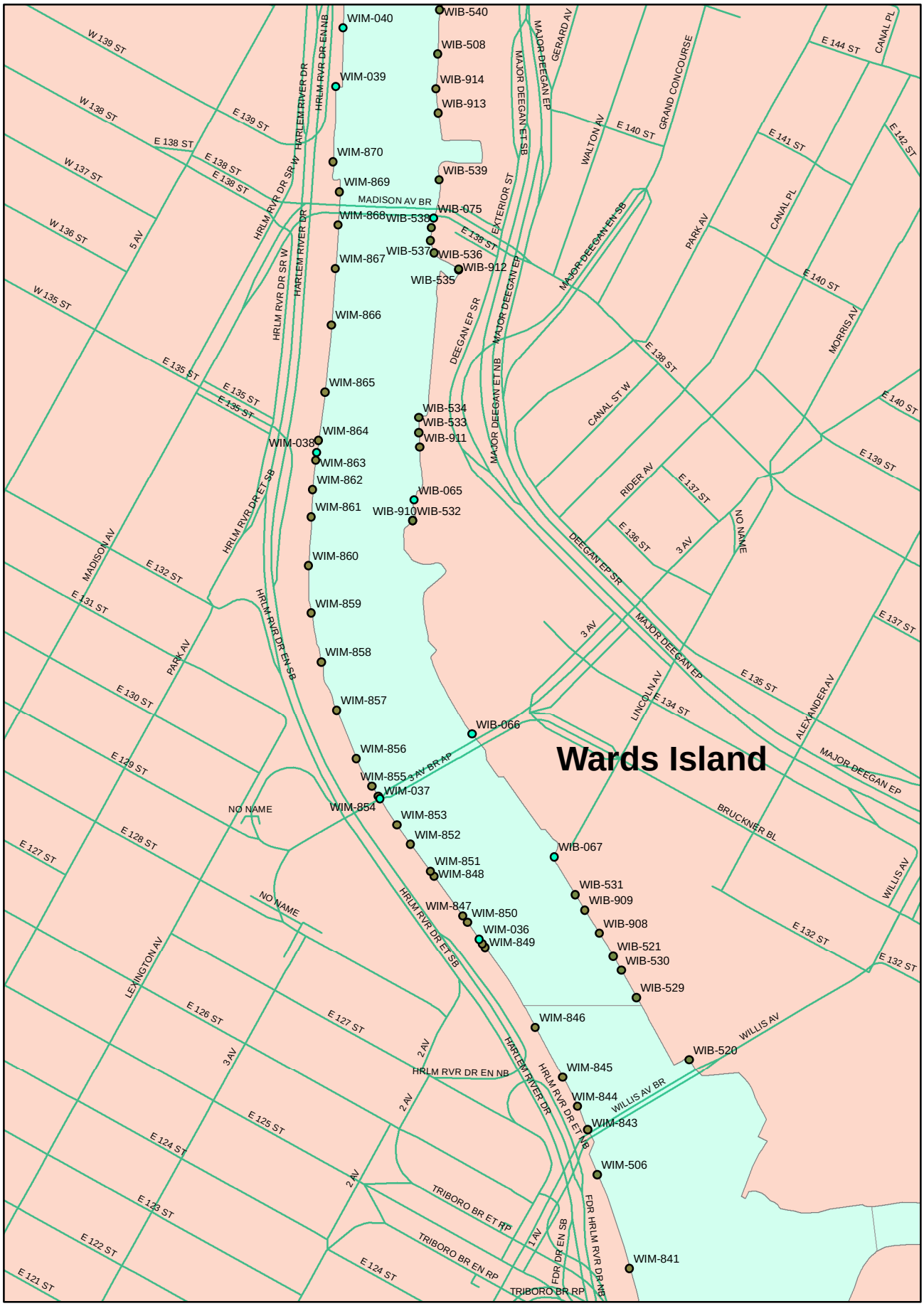
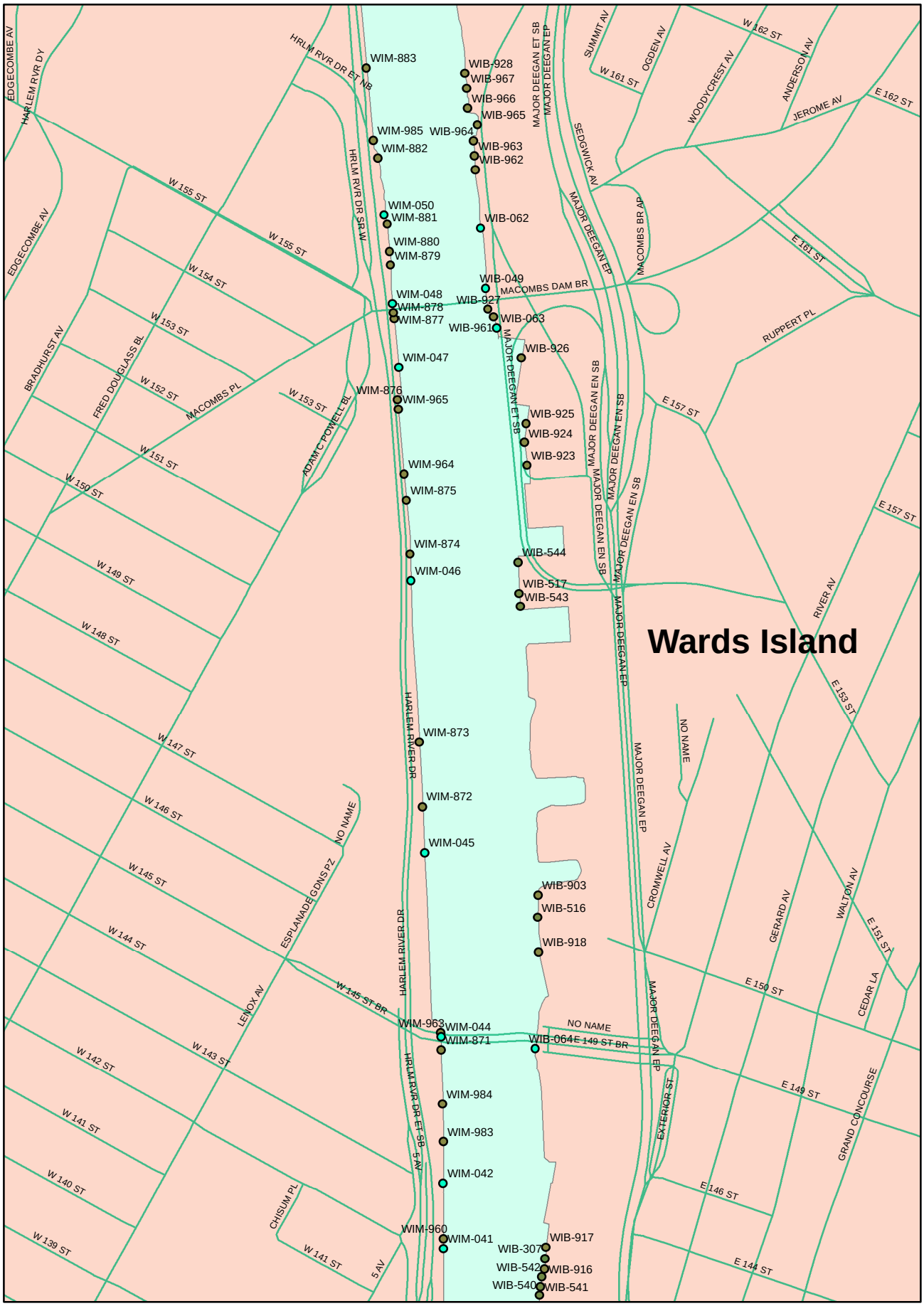
WIM-032
WIM-835
WIM-031
WIM-834
WIM-030
WIM-833
WIM-832
WIM-831
WIM-981
WIM-980
WIM-027
WIM-830
WIM-026
WIM-829
WIM-827
WIM-025
WIM-106
WIM-107
WIM-109
WIM-558
WIM-956
WIM-971
WIM-972
WIM-111
WIM-559
WIM-973
WIM-507
WIM-560
WIM-561
WIM-974
WIM-975
WIM-955
WIM-205
WIM-562
WIM-563
WIM-564
WIM-116
WIM-566
WIM-514
WIM-567
WIM-568
WIM-570
WIM-569
WIM-121
WIM-509
WIM-976
WIM-571
WIM-572
WIM-123
WIB-146
WIB-068
WIB-145
WIM-136
WIM-135
WIB-073
WIM-134
E 127 ST
E 126 ST
E 125 ST
E 124 ST
E 120 ST
E 119 ST
E 118 ST
E 117 ST
E 116 ST
E 132 ST
2 AV
1 AV
PLEASANT AV
WILLIS AV BR
HARLEM RIVER DR
FDR DR EN SB
FDR HRLM RVR DR NB
NO NAME
TRIBORO BR EN RP
TRIBORO BR RP
HRLM RVR FDR DR SB
PALADINO AV
TRIBORO BR ET RP
F D R DR
TRIBOROUGH BR


Wards Island
WIB-540
WIM-040
WIB-508
WIM-039
WIB-914
WIB-913
WIM-870
WIB-539
WIM-869
MADISON AV BR
WIB-075
WIM-868
WIB-538
WIB-537
WIB-536
WIB-912
WIM-867
WIB-535
WIM-866
WIM-865
WIB-534
WIB-533
WIB-911
WIM-864
WIM-038
WIM-863
WIM-862
WIB-065
WIM-861
WIB-910
WIB-532
WIM-860
WIM-859
WIM-858
WIM-857
WIB-066
WIM-856
WIM-855
WIM-037
WIM-854
WIM-853
WIM-852
WIB-067
WIM-851
WIM-848
WIB-531
WIB-909
WIM-847
WIM-850
WIB-908
WIM-036
WIM-849
WIB-521
WIB-530
WIB-529
WIM-846
WIB-520
WIM-845
WIM-844
WIM-843
WIM-506
WIM-841
W 139 ST
W 138 ST
W 137 ST
W 136 ST
W 135 ST
E 139 ST
E 138 ST
E 135 ST
E 132 ST
E 131 ST
E 130 ST
E 129 ST
E 128 ST
E 127 ST
E 126 ST
E 125 ST
E 124 ST
E 123 ST
E 122 ST
E 121 ST
E 140 ST
E 141 ST
E 142 ST
E 144 ST
E 137 ST
E 136 ST
E 134 ST
HRLM RVR DR EN NB
HARLEM RIVER DR
HRLM RVR DR SR W
HRLM RVR DR W
HRLM RVR DR ET SB
HRLM RVR DR EN SB
HRLM RVR DR ET SB
HRLM RVR DR EN NB
HARLEM RIVER DR
HRLM RVR DR ET NB
FDR HRLM RVR DR NB
FDR DR EN SB
TRIBORO BR ET RP
TRIBORO BR EN RP
TRIBORO BR RP
MAJOR DEEGAN EP
MAJOR DEEGAN ET SB
MAJOR DEEGAN ET NB
MAJOR DEEGAN EN SB
DEEGAN EP SR
EXTERIOR ST
GERARD AV
WALTON AV
GRAND CONCOURSE
PARK AV
CANAL PL
CANAL ST W
MORRIS AV
RIDER AV
NO NAME
3 AV
LINCOLN AV
ALEXANDER AV
BRUCKNER BL
WILLIS AV
WILLIS AV BR
3 AV BR AP
MADISON AV
5 AV
LEXINGTON AV
2 AV
1 AV


Wards Island
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WIB-928
WIB-967
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WIM-985
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WIM-050
WIM-881
WIB-062
WIM-880
WIM-879
WIB-049
WIM-048
WIM-878
WIM-877
WIB-927
WIB-063
WIB-961
WIB-926
WIM-047
WIM-876
WIM-965
WIB-925
WIB-924
WIB-923
WIM-964
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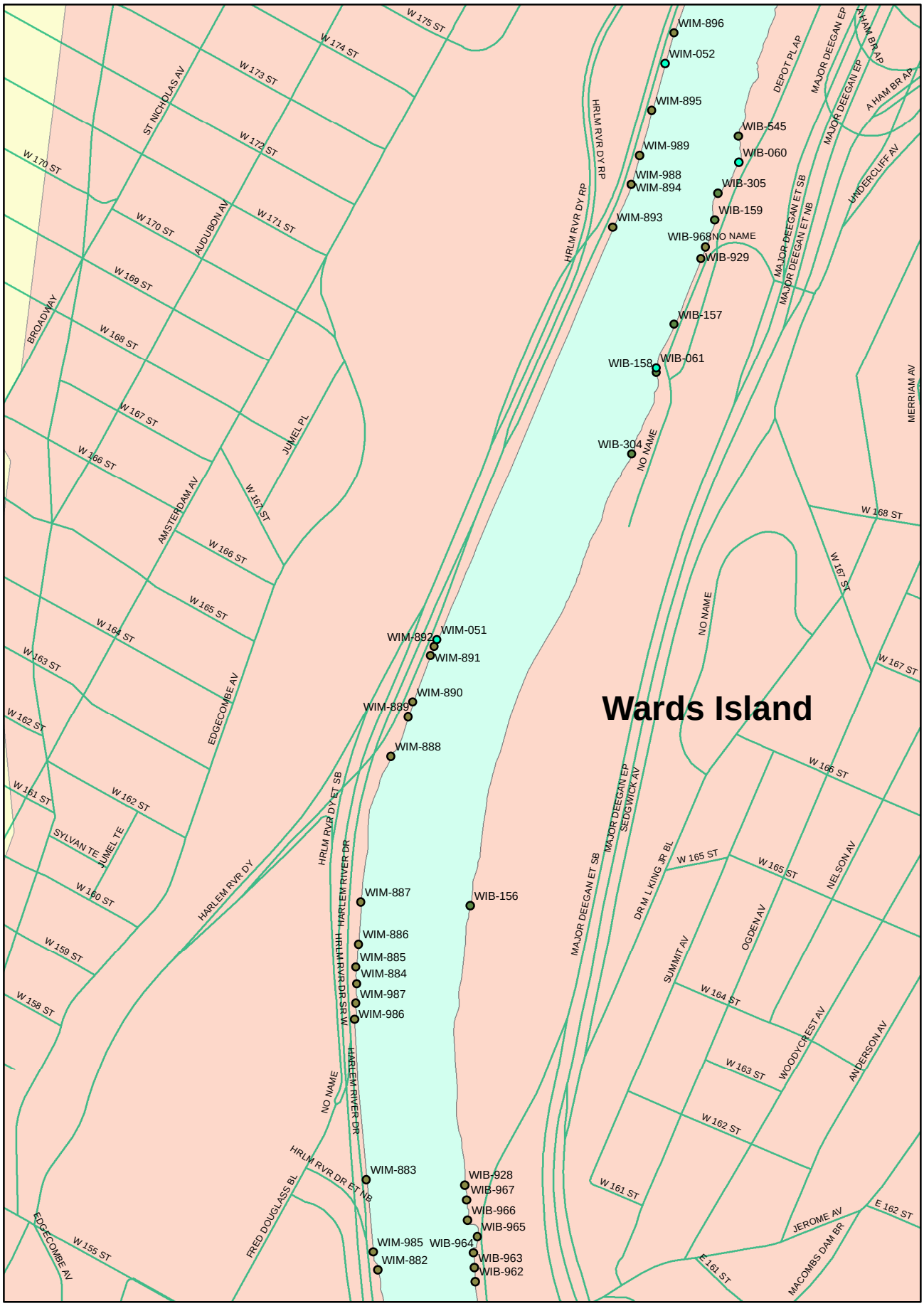
WIM-874
WIB-544
WIM-046
WIB-517
WIB-543
WIM-873
WIM-872
WIM-045
WIB-903
WIB-516
WIB-918
WIM-963
WIM-044
WIM-871
WIB-064
WIM-984
WIM-983
WIM-042
WIM-960
WIM-041
WIB-917
WIB-307
WIB-542
WIB-916
WIB-540
WIB-541
HRLM RVR DR ET NB
HRLM RVR DR SB W
HARLEM RIVER DR
HRLM RVR DR ET SB
MAJOR DEEGAN ET SB
MAJOR DEEGAN EP
MAJOR DEEGAN EN SB
MACOMBS DAM BR
MACOMBS BR AP
SEDGWICK AV
SUMMIT AV
OGDEN AV
WOODYCREST AV
ANDERSON AV
JEROME AV
W 162 ST
W 161 ST
E 162 ST
E 161 ST
W 155 ST
W 154 ST
W 153 ST
W 152 ST
W 151 ST
W 150 ST
W 149 ST
W 148 ST
W 147 ST
W 146 ST
W 145 ST
W 144 ST
W 143 ST
W 142 ST
W 141 ST
W 140 ST
W 139 ST
EDGECOMBE AV
HARLEM RVR DY
BRADHURST AV
FRED DOUGLASS BL
MACOMBS PL
ADAM C POWELL BL
RUPPERT PL
E 157 ST
RIVER AV
E 153 ST
E 151 ST
E 150 ST
E 149 ST
E 146 ST
E 144 ST
NO NAME
ESPLANADE GDNS PZ
W 145 ST BR
LENOX AV
E 149 ST BR
CROMWELL AV
GERARD AV
WALTON AV
CEDAR LA
GRAND CONCOURSE
EXTERIOR ST
5 AV
CHISUM PL
W 141 ST


Wards Island
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WIM-052
WIM-895
WIB-545
WIB-060
WIM-989
WIM-988
WIM-894
WIB-305
WIB-159
WIM-893
WIB-968
NO NAME
WIB-929
WIB-157
WIB-158
WIB-061
WIB-304
NO NAME
WIM-892
WIM-051
WIM-891
WIM-890
WIM-889
WIM-888
WIM-887
WIB-156
WIM-886
WIM-885
WIM-884
WIM-987
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WIB-928
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WIB-963
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W 175 ST
W 174 ST
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W 169 ST
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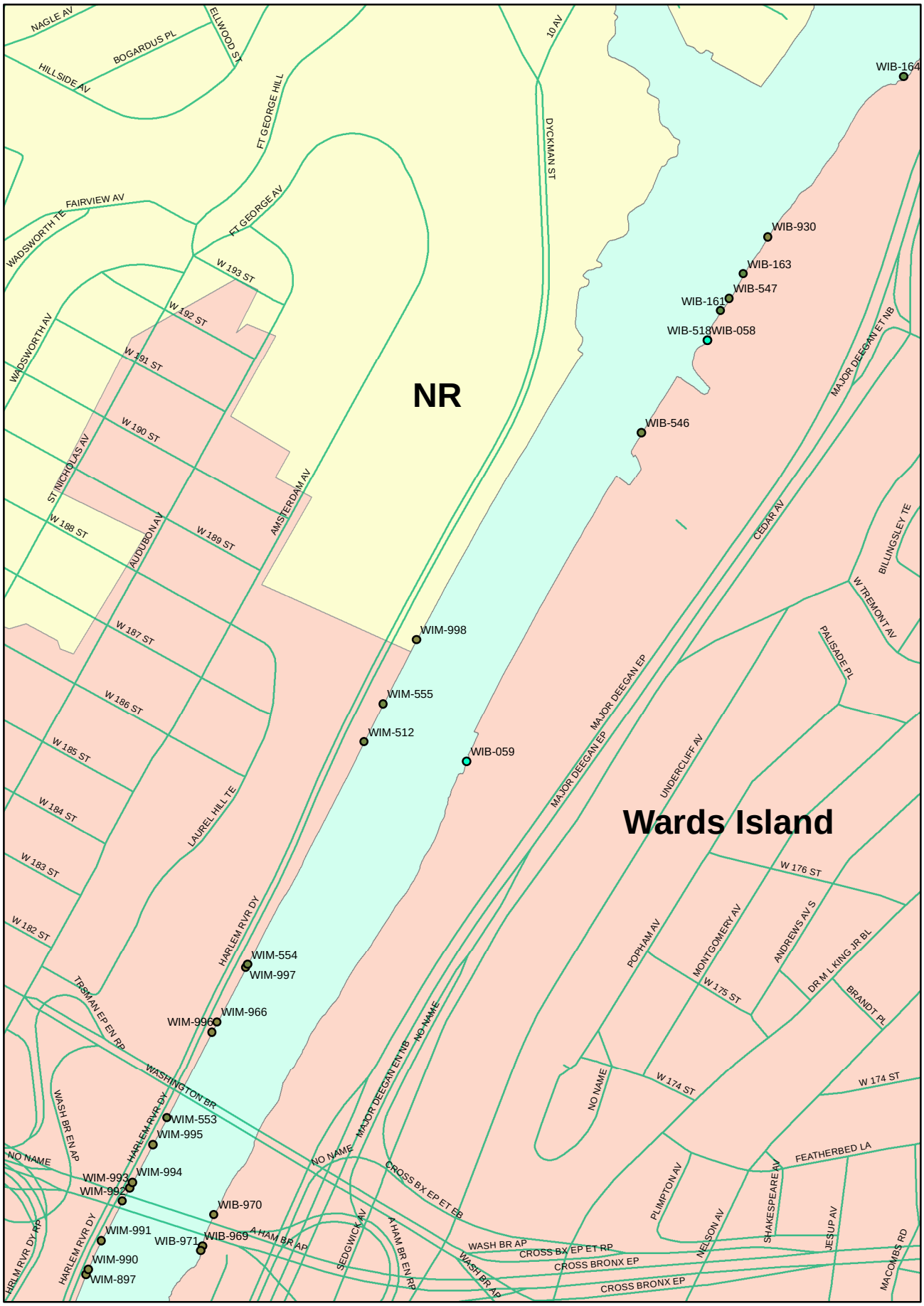
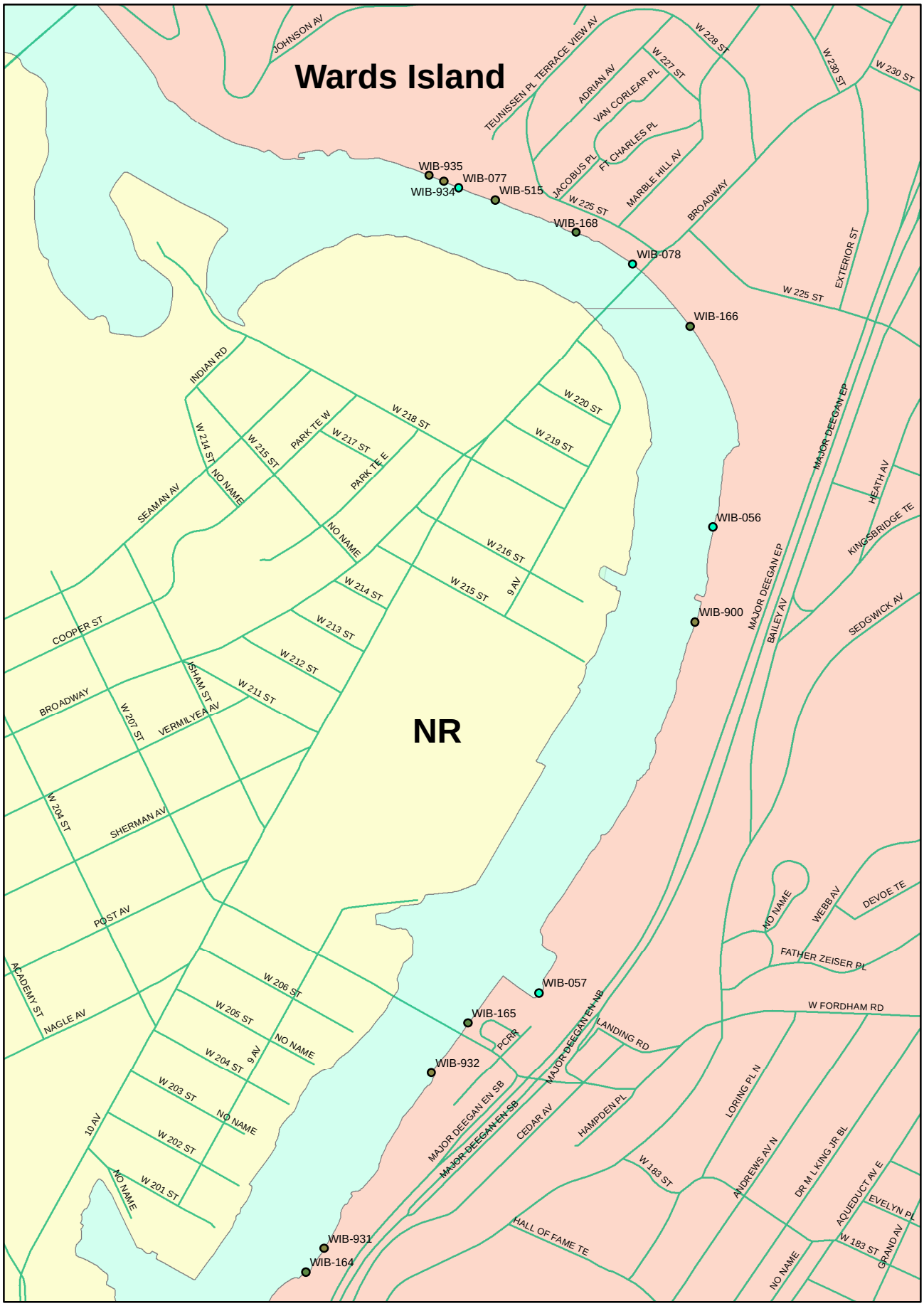
W 167 ST
W 166 ST
W 165 ST
W 164 ST
W 163 ST
W 162 ST
W 161 ST
W 160 ST
W 159 ST
W 158 ST
W 155 ST
E 162 ST
E 161 ST
ST NICHOLAS AV
AUDUBON AV
BROADWAY
JUMEL PL
AMSTERDAM AV
EDGECOMBE AV
SYLVAN TE
JUMEL TE
HARLEM RVR DY
HRLM RVR DY ET SB
HARLEM RIVER DR
HRLM RVR DR SB AV
HARLEM RIVER DR
NO NAME
HRLM RVR DR ET NB
FRED DOUGLASS BL
HRLM RVR DY RP
DEPOT PL AP
MAJOR DEEGAN EP
A HAM BR AP
MAJOR DEEGAN ET SB
MAJOR DEEGAN ET NB
UNDERCLIFF AV
MERRIAM AV
NO NAME
SEDGWICK AV
DR M L KING JR BL
SUMMIT AV
OGDEN AV
NELSON AV
WOODYCREST AV
ANDERSON AV
JEROME AV
MACOMBS DAM BR


NR
Wards Island
WIB-164
WIB-930
WIB-163
WIB-547
WIB-161
WIB-518
WIB-058
WIB-546
WIM-998
WIM-555
WIM-512
WIB-059
WIM-554
WIM-997
WIM-996
WIM-966
WIM-553
WIM-995
WIM-994
WIM-993
WIM-992
WIB-970
WIM-991
WIB-971
WIB-969
WIM-990
WIM-897
NAGLE AV
BOGARDUS PL
ELLWOOD ST
HILLSIDE AV
FT GEORGE HILL
FAIRVIEW AV
WADSWORTH TE
FT GEORGE AV
W 193 ST
W 192 ST
W 191 ST
W 190 ST
W 189 ST
W 188 ST
W 187 ST
W 186 ST
W 185 ST
W 184 ST
W 183 ST
W 182 ST
WADSWORTH AV
ST NICHOLAS AV
AUDUBON AV
AMSTERDAM AV
LAUREL HILL TE
10 AV
DYCKMAN ST
MAJOR DEEGAN ET NB
CEDAR AV
BILLINGSLEY TE
W TREMONT AV
PALISADE PL
MAJOR DEEGAN EP
UNDERCLIFF AV
W 176 ST
POPHAM AV
MONTGOMERY AV
ANDREWS AV S
W 175 ST
DR M L KING JR BL
BRANDT PL
W 174 ST
NO NAME
FEATHERBED LA
PLIMPTON AV
NELSON AV
SHAKESPEARE AV
JESUP AV
MACOMBS RD
HARLEM RVR DY
TRUMAN EP EN RP
WASHINGTON BR
WASH BR EN AP
HARLEM RVR DY
NO NAME
MAJOR DEEGAN EN NB
NO NAME
CROSS BX EP ET EB
4 HAM BR AP
SEDGWICK AV
4 HAM BR EN RP
WASH BR AP
CROSS BX EP ET RP
CROSS BRONX EP
CROSS BRONX EP
WASH BR AP
HARLEM RVR DY RP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NR
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WIB-515
WIB-168
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WIB-166
WIB-056
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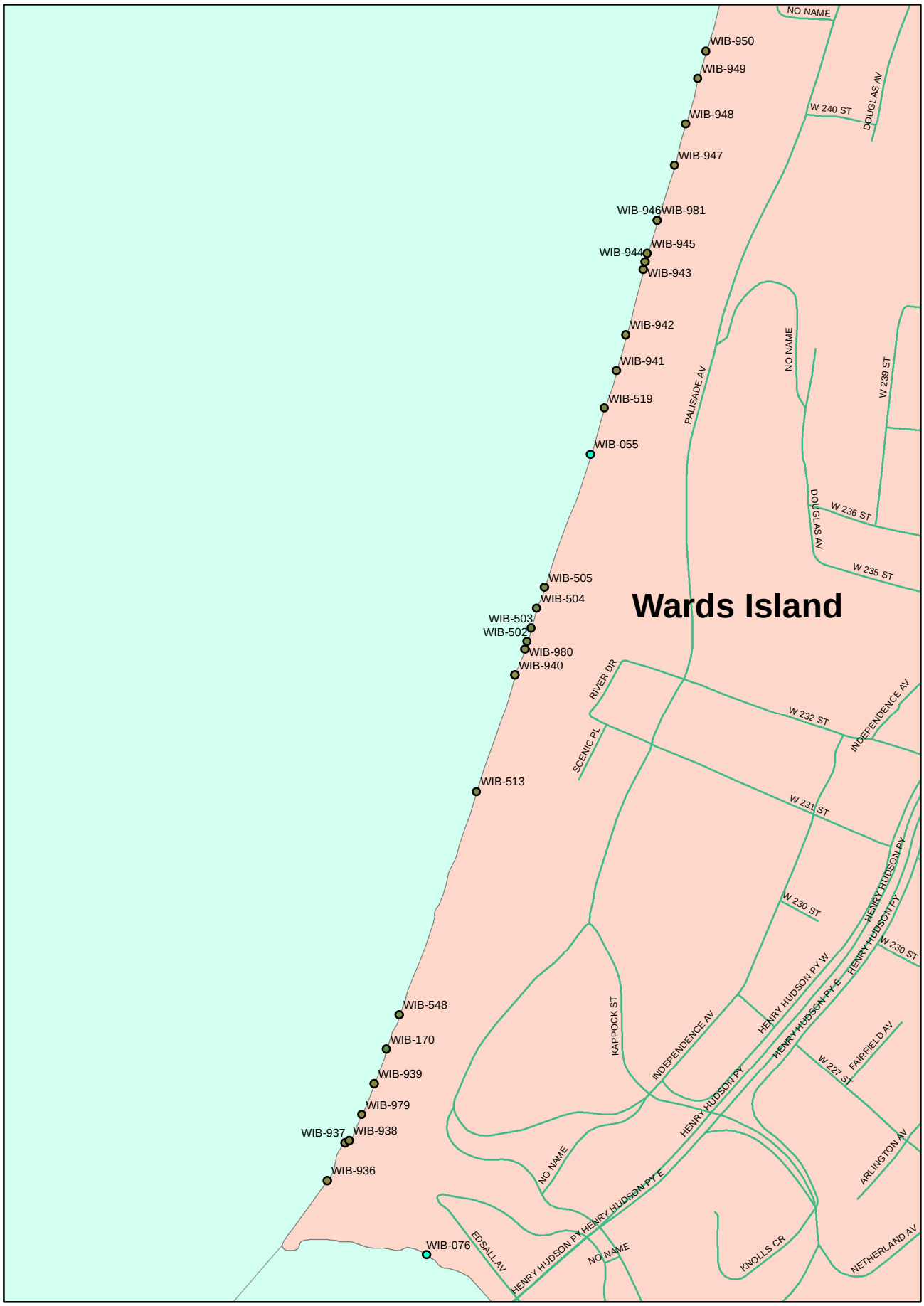
WIB-057
WIB-165
WIB-932
WIB-931
WIB-164
JOHNSON AV
TEUNISSEN PL
TERRACE VIEW AV
ADRIAN AV
VAN CORLEAR PL
FT CHARLES PL
JACOBUS PL
MARBLE HILL AV
W 228 ST
W 227 ST
W 230 ST
W 225 ST
BROADWAY
EXTERIOR ST
INDIAN RD
W 220 ST
W 219 ST
W 218 ST
W 217 ST
PARK TE W
PARK TE E
W 215 ST
W 214 ST
NO NAME
SEAMAN AV
W 216 ST
9 AV
W 213 ST
W 212 ST
W 211 ST
COOPER ST
ISHAM ST
VERMILYEA AV
W 207 ST
W 204 ST
SHERMAN AV
POST AV
ACADEMY ST
NAGLE AV
W 206 ST
W 205 ST
W 203 ST
W 202 ST
W 201 ST
10 AV
MAJOR DEEGAN EP
HEATH AV
KINGSBRIDGE TE
BAILEY AV
SEDGWICK AV
WEBB AV
DEVOE TE
FATHER ZEISER PL
W FORDHAM RD
LANDING RD
PCRR
MAJOR DEEGAN EN NB
MAJOR DEEGAN EN SB
CEDAR AV
HAMPDEN PL
LORING PL N
W 183 ST
ANDREWS AV N
DR M L KING JR BL
AQUEDUCT AV E
EVELYN PL
GRAND AV
HALL OF FAME TE


Wards Island
WIB-950
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WIB-946
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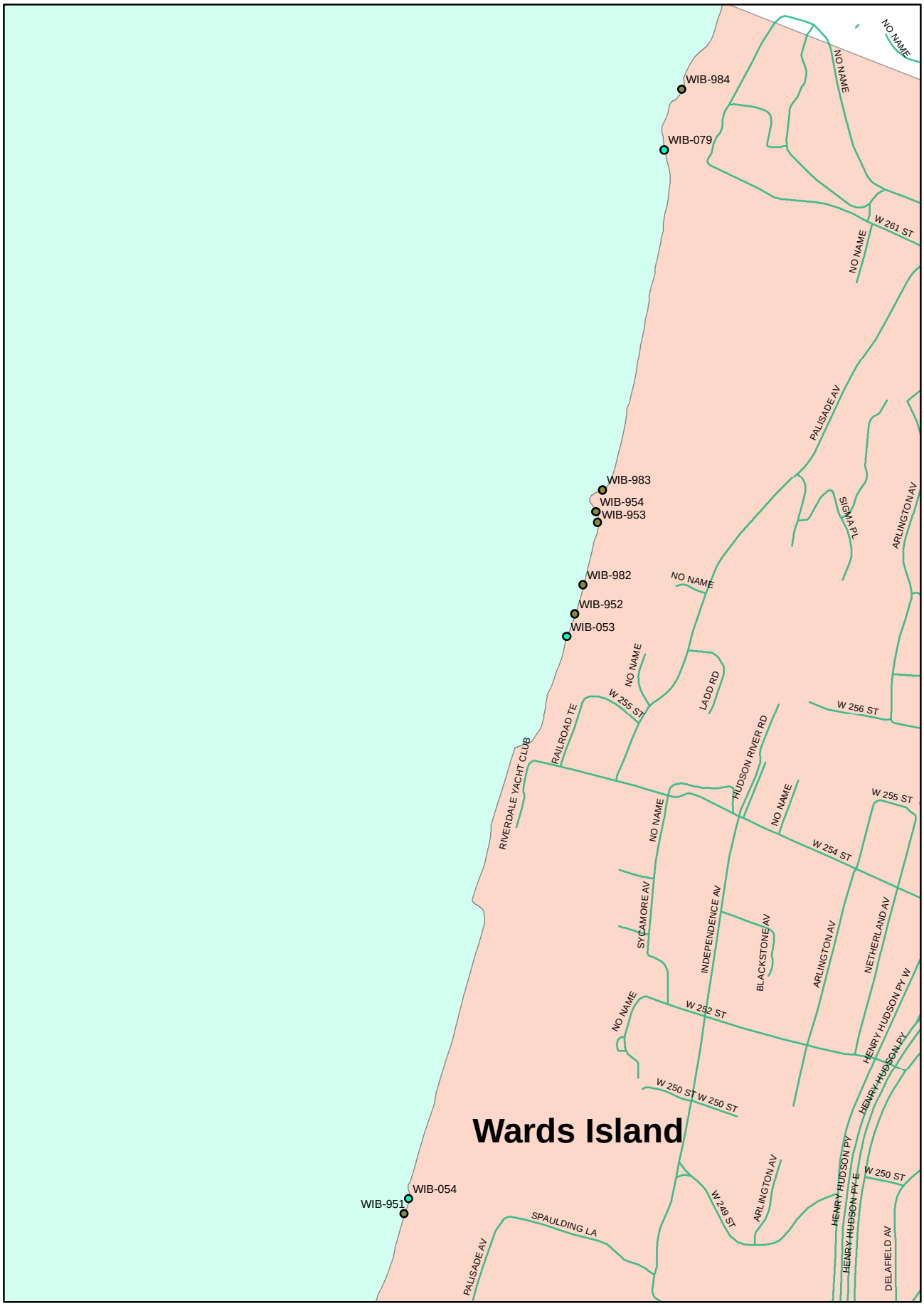
WIB-513
WIB-548
WIB-170
WIB-939
WIB-979
WIB-937
WIB-938
WIB-936
WIB-076
NO NAME
W 240 ST
DOUGLAS AV
PALISADE AV
NO NAME
W 239 ST
DOUGLAS AV
W 236 ST
W 235 ST
RIVER DR
W 232 ST
INDEPENDENCE AV
SCENIC PL
W 231 ST
W 230 ST
HENRY HUDSON PY
HENRY HUDSON PY W
HENRY HUDSON PY E
W 230 ST
KAPPOCK ST
INDEPENDENCE AV
HENRY HUDSON PY
W 227 ST
FAIRFIELD AV
ARLINGTON AV
NO NAME
HENRY HUDSON PY E
EDSALL AV
HENRY HUDSON PY
NO NAME
KNOLLS CR
NETHERLAND AV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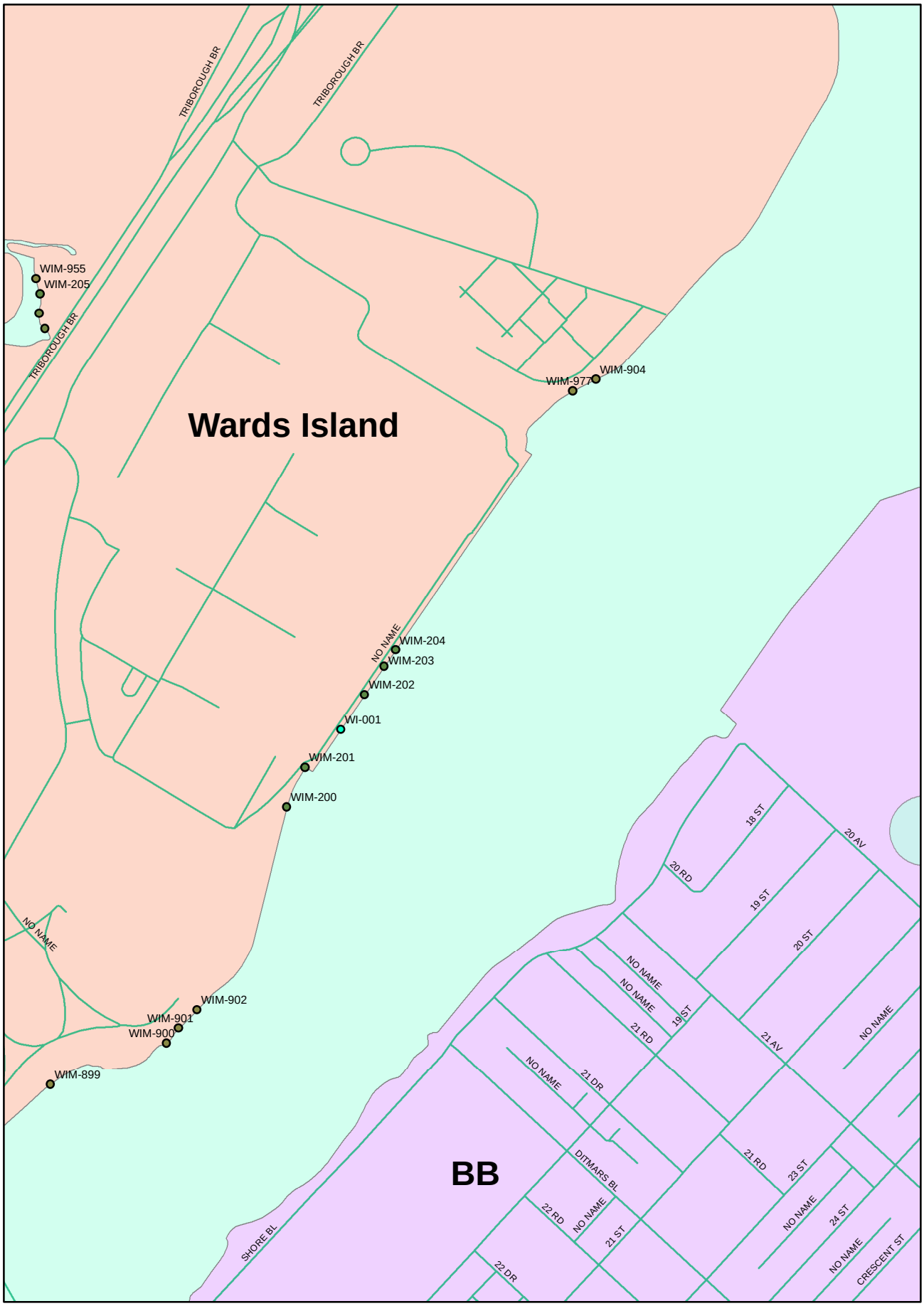
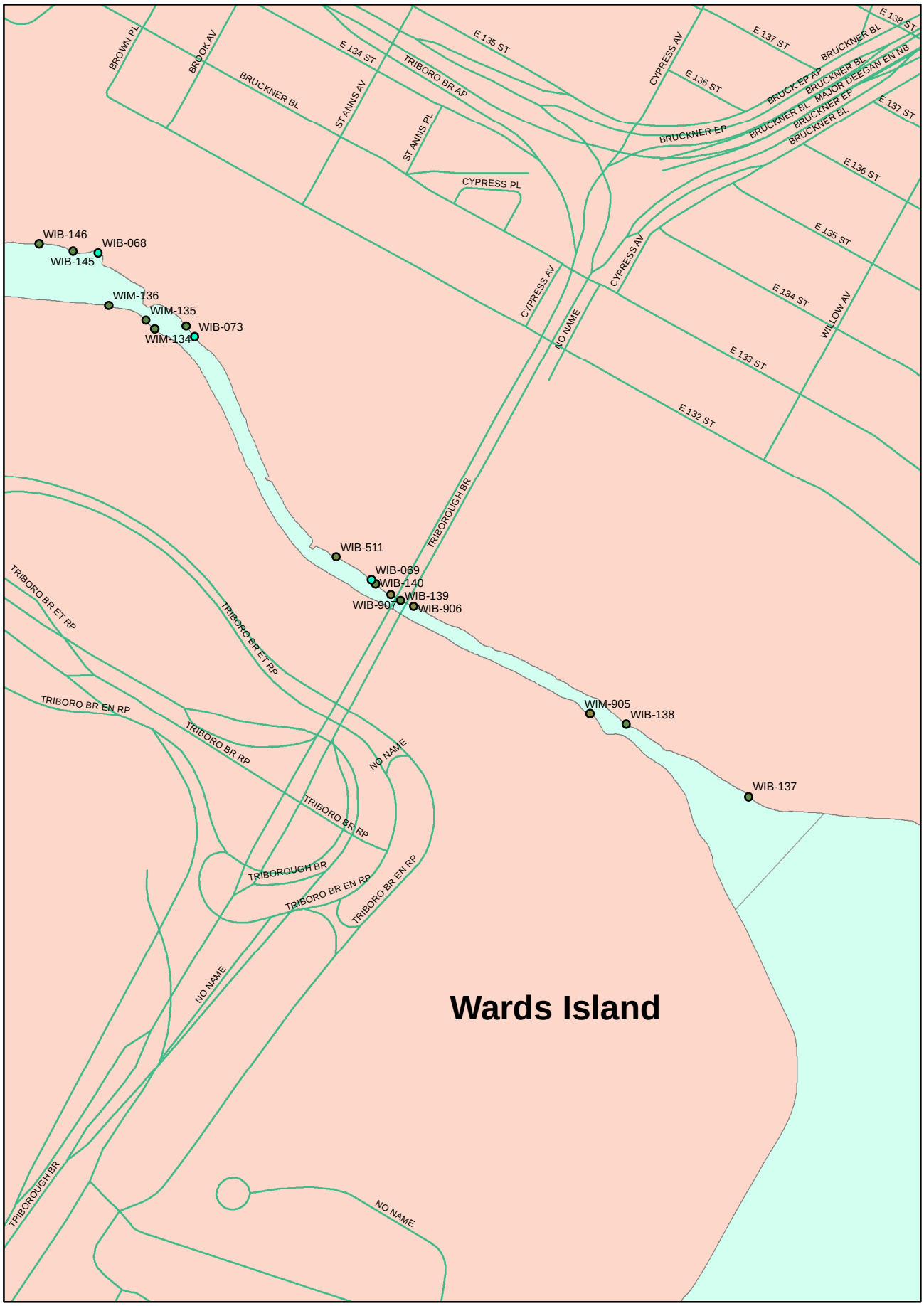
WIB-984
WIB-079
WIB-983
WIB-954
WIB-953
WIB-982
WIB-952
WIB-053
WIB-054
WIB-951
NO NAME
W 261 ST
PALISADE AV
SIGMA PL
ARLINGTON AV
LADD RD
W 256 ST
W 255 ST
RAILROAD TE
RIVERDALE YACHT CLUB
HUDSON RIVER RD
W 254 ST
SYCAMORE AV
INDEPENDENCE AV
BLACKSTONE AV
NETHERLAND AV
HENRY HUDSON PY W
HENRY HUDSON PY
W 252 ST
W 250 ST
W 249 ST
HENRY HUDSON PY E
DELAFIELD AV
SPAULDING LA


TRIBOROUGH BR
TRIBOROUGH BR
TRIBOROUGH BR
WIM-955
WIM-205
WIM-904
WIM-977
Wards Island
NO NAME
WIM-204
WIM-203
WIM-202
WI-001
WIM-201
WIM-200
NO NAME
WIM-902
WIM-901
WIM-900
WIM-899
18 ST
20 AV
20 RD
19 ST
20 ST
NO NAME
NO NAME
19 ST
21 RD
21 AV
NO NAME
NO NAME
21 DR
BB
DITMARS BL
21 RD
23 ST
22 RD
NO NAME
21 ST
NO NAME
24 ST
NO NAME
CRESCENT ST
SHORE BL
22 DR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WIB-068
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WIB-073
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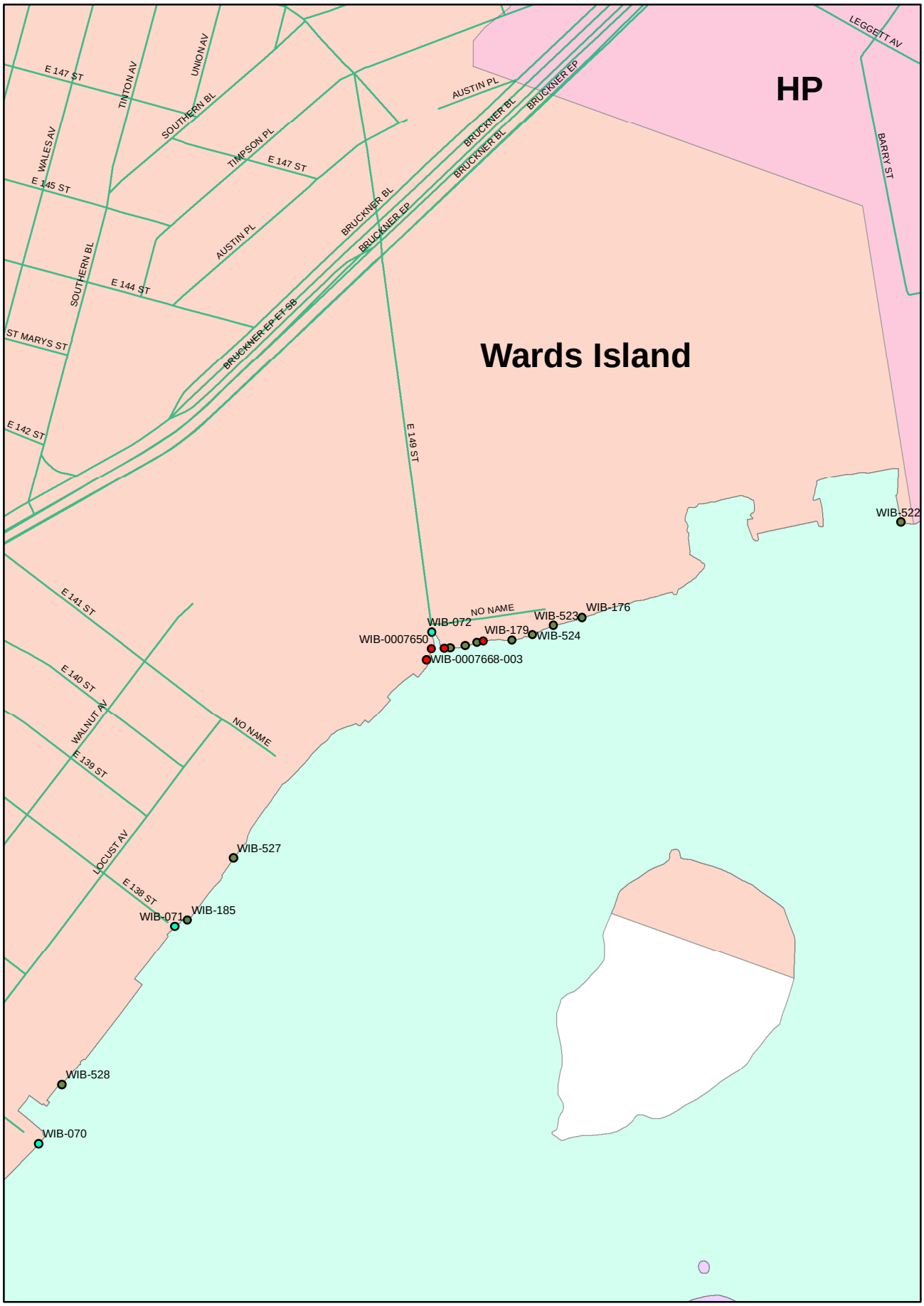
WIB-140
WIB-139
WIB-907
WIB-906
WIM-905
WIB-138
WIB-137
BROWN PL
BROOK AV
BRUCKNER BL
E 134 ST
ST ANNS AV
ST ANNS PL
TRIBORO BR AP
E 135 ST
CYPRESS AV
E 136 ST
E 137 ST
E 138 ST
BRUCK EP AP
BRUCKNER BL
MAJOR DEEGAN EN NB
BRUCKNER EP
CYPRESS PL
E 133 ST
E 132 ST
WILLOW AV
NO NAME
TRIBOROUGH BR
TRIBORO BR ET RP
TRIBORO BR EN RP
TRIBORO BR RP


HP
Wards Island
E 147 ST
TINTON AV
UNION AV
SOUTHERN BL
WALES AV
E 145 ST
TIMPSON PL
E 147 ST
AUSTIN PL
BRUCKNER BL
BRUCKNER EP
BRUCKNER BL
BRUCKNER BL
BRUCKNER EP
LEGGETT AV
BARRY ST
SOUTHERN BL
E 144 ST
AUSTIN PL
BRUCKNER EP ET SB
ST MARYS ST
E 142 ST
E 149 ST
WIB-522
E 141 ST
NO NAME
WIB-176
WIB-523
WIB-072
WIB-179
WIB-524
WIB-0007650
WIB-0007668-003
E 140 ST
WALNUT AV
NO NAME
E 139 ST
LOCUST AV
WIB-527
E 138 ST
WIB-071
WIB-185
WIB-528
WIB-070

Outfall ID: WIB-049

Location: JEROME AVE & MCCOMBS DAM BRIDGE (REG # 60A)

Latitude: 40° 49' 42"

Longitude: 73° 55' 59"

Outfall Size: 10' X 8' 6"

Receiving Water: HARLEM RIVER

Outfall ID: WIB-053

Location: W 256TH STREET (REG # R-3)

Latitude: 40° 54' 21"

Longitude: 73° 54' 49"

Outfall Size: 7' X 4'

Receiving Water: HUDSON RIVER

Outfall ID: WIB-054

Location: W 248TH STREET (REG # R-2)

Latitude: 40° 53' 50"

Longitude: 73° 55' 0"

Outfall Size: 8' X 6'

Receiving Water: HUDSON RIVER

Outfall ID: WIB-055

Location: W 236TH STREET (REG # R-1)

Latitude: 40° 53' 18"

Longitude: 73° 55' 13"

Outfall Size: 6' X 4' 6"

Receiving Water: HUDSON RIVER

Outfall ID: WIB-056
Location: W 192ND STREET (REG # 67)
Latitude: 40° 52' 12"
Longitude: 73° 54' 33"
Outfall Size: DBL 15' X 9' 2-1/8"
Receiving Water: HARLEM RIVER

Outfall ID: WIB-057
Location: LANDING ROAD (REG # 66)
Latitude: 40° 51' 47"
Longitude: 73° 54' 46"
Outfall Size: 66" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-058
Location: W 178TH STREET (REG # 65)
Latitude: 40° 51' 21"
Longitude: 73° 55' 13"
Outfall Size: 57" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-059
Location: W 176TH STREET (REG # 64)
Latitude: 40° 51' 3"
Longitude: 73° 55' 27"
Outfall Size: 45" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-060
Location: UNDER HIGH BRIDGE (REG # 62)
Latitude: 40° 50' 34"
Longitude: 73° 55' 45"
Outfall Size: 14' X 11'
Receiving Water: HARLEM RIVER

Outfall ID: WIB-061
Location: 167TH STREET (REG # 61)
Latitude: 40° 50' 25"
Longitude: 73° 55' 50"
Outfall Size: 42" DIA
Receiving Water: HARLEM RIVER

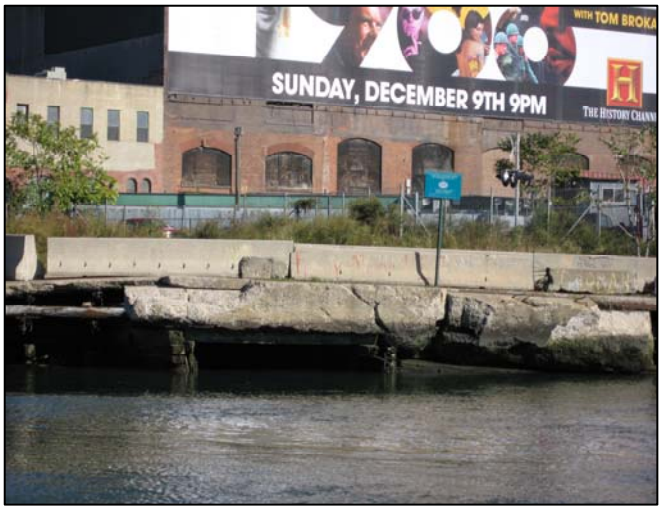
Outfall ID: WIB-062
Location: JEROME AVENUE (REG # 60)
Latitude: 40° 49' 44"
Longitude: 73° 55' 60"
Outfall Size: 10' X 8' 6"
Receiving Water: HARLEM RIVER

Outfall ID: WIB-063
Location: S/O MCCOMBS DAM BRIDGE (REG # 72)
Latitude: 40° 49' 40"
Longitude: 73° 55' 59"
Outfall Size: 48" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-064
Location: E 149TH STREET (REG # 59)
Latitude: 40° 49' 10"
Longitude: 73° 55' 57"
Outfall Size: 60" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-065
Location: PARK AVENUE (REG # 57)
Latitude: 40° 48' 39"
Longitude: 73° 55' 58"
Outfall Size: 36" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-066
Location: THIRD AVE BRIDGE (NORTH) (REG # 56)
Latitude: 40° 48' 29"
Longitude: 73° 55' 55"
Outfall Size: 2' 8" X 4'
Receiving Water: HARLEM RIVER

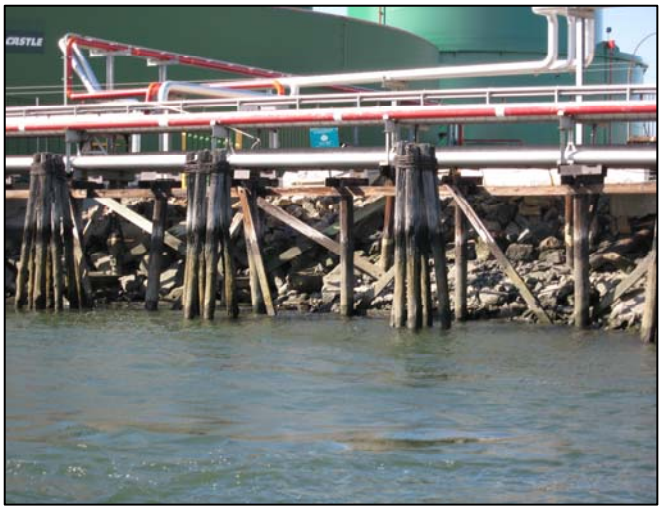


Outfall ID: WIB-067
Location: LINCOLN AVENUE (REG # 55)
Latitude: 40° 48' 24"
Longitude: 73° 55' 50"
Outfall Size: 60" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-068
Location: BROOK AVENUE (REG # 53, 54)
Latitude: 40° 48' 9"
Longitude: 73° 55' 23"
Outfall Size: 12' X 9' 10"
Receiving Water: BRONX KILL

Outfall ID: WIB-069
Location: CYPRESS AVENUE (REG # 71)
Latitude: 40° 47' 57"
Longitude: 73° 55' 10"
Outfall Size: 2' 2" X 3'
Receiving Water: BRONX KILL

Outfall ID: WIB-070
Location: E 134TH STREET (REG # 70)
Latitude: 40° 47' 56"
Longitude: 73° 54' 30"
Outfall Size: 3' 2" X 4' 2"
Receiving Water: EAST RIVER

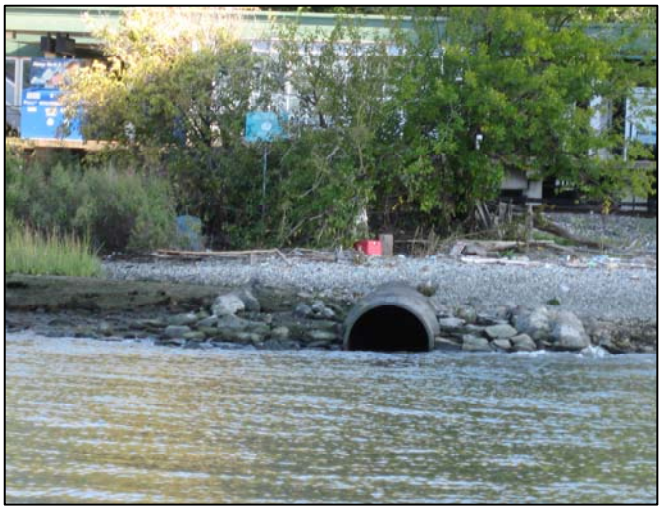


Outfall ID: WIB-071
Location: E 138TH STREET (REG # 69)
Latitude: 40° 48' 5"
Longitude: 73° 54' 22"
Outfall Size: 60" DIA
Receiving Water: EAST RIVER

Outfall ID: WIB-072
Location: E 149TH STREET (REG # 68)
Latitude: 40° 48' 18"
Longitude: 73° 54' 8"
Outfall Size: 7' X 6' 9-1/2"
Receiving Water: EAST RIVER

Outfall ID: WIB-073
Location: SAINT ANN'S AVENUE (REG # 73)
Latitude: 40° 48' 6"
Longitude: 73° 55' 18"
Outfall Size: DBL 12' DIA
Receiving Water: BRONX KILL

Outfall ID: WIB-075
Location: E 138TH STREET (REG # 58)
Latitude: 40° 48' 51"
Longitude: 73° 55' 57"
Outfall Size: 12' X 6' 3"
Receiving Water: HARLEM RIVER

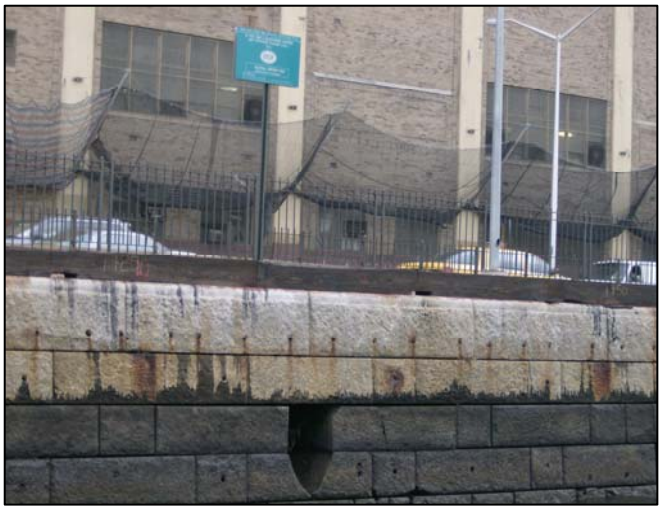


Outfall ID: WIB-076
Location: W/O BRADLEY TERRACE (REG # MH-1)
Latitude: 40° 52' 44"
Longitude: 73° 55' 22"
Outfall Size: 54" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIB-077
Location: TEUNISSEN PLACE (REG # MH-2)
Latitude: 40° 52' 31"
Longitude: 73° 54' 51"
Outfall Size: 8' 6" X 7'
Receiving Water: HARLEM RIVER

Outfall ID: WIB-078
Location: BROADWAY BR. (NORTH) (REG # MH-3)
Latitude: 40° 52' 27"
Longitude: 73° 54' 39"
Outfall Size: 4' 6" X 5'
Receiving Water: HARLEM RIVER

Outfall ID: WIB-079
Location: W 261ST STREET (REG # R-4)
Latitude: 40° 54' 47"
Longitude: 73° 54' 42"
Outfall Size: 18" DIA
Receiving Water: HUDSON RIVER



Outfall ID: WIM-002
Location: E 73RD STREET (REG # 1)
Latitude: 40° 45' 59"
Longitude: 73° 57' 2"
Outfall Size: 2'-0" X 3'-6" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-003
Location: E 74TH STREET (REG # 2A, 2B)
Latitude: 40° 46' 1"
Longitude: 73° 57' 0"
Outfall Size: 8'-6" X 7'-0"
Receiving Water: EAST RIVER

Outfall ID: WIM-004
Location: E 75TH STREET (REG # 3)
Latitude: 40° 46' 4"
Longitude: 73° 56' 58"
Outfall Size: 2'-0" X 3'-6" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-005
Location: E 76TH STREET (REG # 4)
Latitude: 40° 46' 6"
Longitude: 73° 56' 57"
Outfall Size: 2'-0" X 3'-6" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-006
Location: E 77TH STREET (REG # 5)
Latitude: 40° 46' 8"
Longitude: 73° 56' 55"
Outfall Size: 2'-4" X 3'-6" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-007
Location: E 78TH STREET (REG # 6)
Latitude: 40° 46' 10"
Longitude: 73° 56' 53"
Outfall Size: 2' X 3' 6" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-008
Location: E 79TH STREET (REG # 7)
Latitude: 40° 46' 13"
Longitude: 73° 56' 51"
Outfall Size: 7' X 5'
Receiving Water: EAST RIVER

Outfall ID: WIM-009
Location: E 83RD STREET (REG # 8)
Latitude: 40° 46' 21"
Longitude: 73° 56' 42"
Outfall Size: 15" DIA
Receiving Water: EAST RIVER

Outfall ID: WIM-010
Location: E 84TH STREET (REG # 9)
Latitude: 40° 46' 23"
Longitude: 73° 56' 40"
Outfall Size: 16" DIA
Receiving Water: EAST RIVER

Outfall ID: WIM-011
Location: E 86TH STREET (REG # 10)
Latitude: 40° 46' 28"
Longitude: 73° 56' 35"
Outfall Size: 5' X 5'
Receiving Water: EAST RIVER

Outfall ID: WIM-012
Location: E 89TH STREET (REG # 11)
Latitude: 40° 46' 35"
Longitude: 73° 56' 31"
Outfall Size: 60" DIA
Receiving Water: EAST RIVER

Outfall ID: WIM-013
Location: E 90TH STREET (REG # 12)
Latitude: 40° 46' 39"
Longitude: 73° 56' 33"
Outfall Size: 2'-4" X 4'-0" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-014
Location: E 91ST STREET (REG # 13)
Latitude: 40° 46' 43"
Longitude: 73° 56' 34"
Outfall Size: 2'-4" X 4'-0" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-015
Location: E 92ND STREET (REG # 14)
Latitude: 40° 46' 47"
Longitude: 73° 56' 36"
Outfall Size: 5' X 4' 6"
Receiving Water: EAST RIVER

Outfall ID: WIM-016
Location: E 95TH STREET (REG # 15)
Latitude: 40° 46' 56"
Longitude: 73° 56' 37"
Outfall Size: 48" DIA
Receiving Water: EAST RIVER

Outfall ID: WIM-017
Location: E 96TH STREET (REG # 16)
Latitude: 40° 46' 58"
Longitude: 73° 56' 37"
Outfall Size: 8' 6" X 5'
Receiving Water: EAST RIVER

Outfall ID: WIM-018
Location: E 100TH STREET (REG # 17)
Latitude: 40° 47' 5"
Longitude: 73° 56' 26"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-019
Location: E 101ST STREET (REG # 18)
Latitude: 40° 47' 7"
Longitude: 73° 56' 23"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-020
Location: E 103RD STREET (REG # 20)
Latitude: 40° 47' 12"
Longitude: 73° 56' 19"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-021
Location: E 104TH STREET (REG # 21)
Latitude: 40° 47' 14"
Longitude: 73° 56' 17"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-022
Location: E 105TH STREET (REG # 22)
Latitude: 40° 47' 16"
Longitude: 73° 56' 16"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-023
Location: E 106TH STREET (REG # 23)
Latitude: 40° 47' 19"
Longitude: 73° 56' 15"
Outfall Size: DBL 7' 6" X 6'
Receiving Water: EAST RIVER

Outfall ID: WIM-024
Location: E 110TH STREET (REG # 24)
Latitude: 40° 47' 28"
Longitude: 73° 56' 9"
Outfall Size: DBL 8' 6" X 7' 6"
Receiving Water: EAST RIVER

Outfall ID: WIM-025
Location: E 114TH STREET (REG # 25)
Latitude: 40° 47' 36"
Longitude: 73° 55' 58"
Outfall Size: 8' X 5' 3"
Receiving Water: EAST RIVER

Outfall ID: WIM-026
Location: E 115TH STREET (REG # 26)
Latitude: 40° 47' 37"
Longitude: 73° 55' 55"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

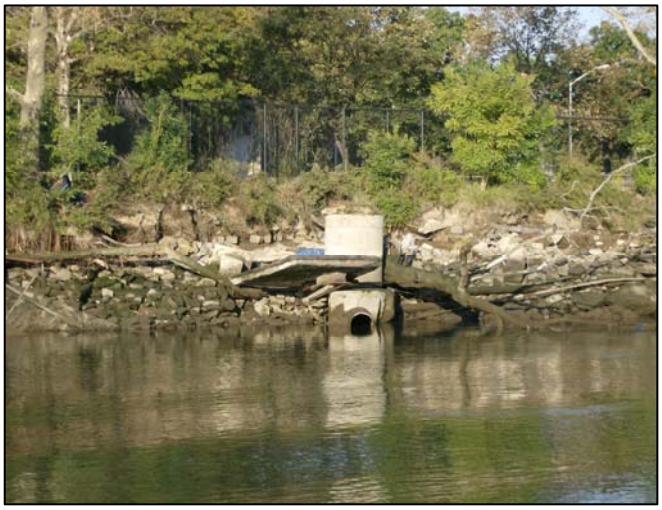
Outfall ID: WIM-027
Location: E 116TH STREET (REG # 27)
Latitude: 40° 47' 39"
Longitude: 73° 55' 52"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-030
Location: E 119TH STREET (REG # 30)
Latitude: 40° 47' 45"
Longitude: 73° 55' 45"
Outfall Size: 2' 4" X 4' 6" EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-031
Location: E 120TH STREET (REG # 31)
Latitude: 40° 47' 49"
Longitude: 73° 55' 45"
Outfall Size: 4' 6" X 5'
Receiving Water: EAST RIVER

Outfall ID: WIM-032
Location: E 121ST STREET (REG # 32)
Latitude: 40° 47' 52"
Longitude: 73° 55' 44"
Outfall Size: 2' 4" X 4' EGG
Receiving Water: EAST RIVER

Outfall ID: WIM-033
Location: E 122ND STREET (REG # 33)
Latitude: 40° 47' 55"
Longitude: 73° 55' 44"
Outfall Size: 4' X 4' 9"
Receiving Water: EAST RIVER



Outfall ID: WIM-034
Location: E 124TH STREET (REG # 34)
Latitude: 40° 48' 1"
Longitude: 73° 55' 44"
Outfall Size: 2' 4" X 3' 6"
Receiving Water: EAST RIVER

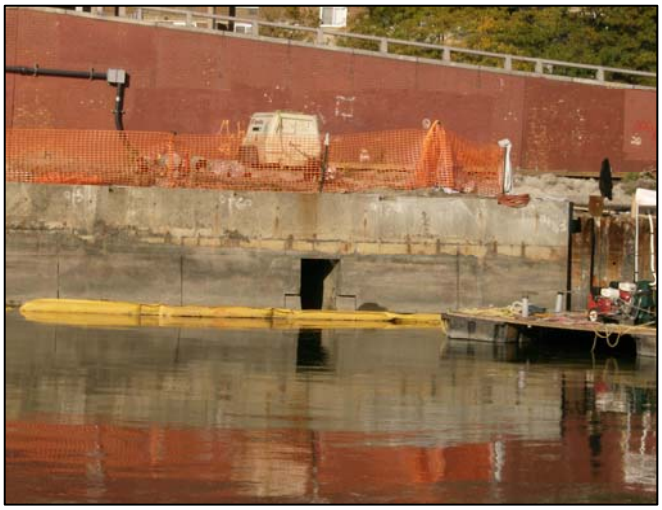
Outfall ID: WIM-035
Location: E 125TH STREET (REG # 35)
Latitude: 40° 48' 3"
Longitude: 73° 55' 44"
Outfall Size: 2' 8" X 4'
Receiving Water: EAST RIVER

Outfall ID: WIM-036
Location: E 129TH STREET (REG # 36)
Latitude: 40° 48' 20"
Longitude: 73° 55' 54"
Outfall Size: 48" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIM-037
Location: E 130TH STREET (REG # 37)
Latitude: 40° 48' 26"
Longitude: 73° 55' 60"
Outfall Size: 2' 8" X 4' EGG
Receiving Water: HARLEM RIVER

Outfall ID: WIM-038
Location: E 135TH STREET (REG # 38)
Latitude: 40° 48' 41"
Longitude: 73° 56' 3"
Outfall Size: 8' 6" X 6'
Receiving Water: HARLEM RIVER

Outfall ID: WIM-039
Location: W 140TH STREET (REG # 39)
Latitude: 40° 48' 56"
Longitude: 73° 56' 2"
Outfall Size: 2' 8" X 4' EGG
Receiving Water: HARLEM RIVER



Outfall ID: WIM-040
Location: W 141ST STREET (REG # 40)
Latitude: 40° 48' 59"
Longitude: 73° 56' 2"
Outfall Size: 2' 4" X 5' EGG
Receiving Water: HARLEM RIVER

Outfall ID: WIM-041
Location: W 142ND STREET (REG # 41)
Latitude: 40° 49' 1"
Longitude: 73° 56' 2"
Outfall Size: 2' 8" X 4' EGG
Receiving Water: HARLEM RIVER

Outfall ID: WIM-042
Location: W 143RD STREET (REG # 42)
Latitude: 40° 49' 4"
Longitude: 73° 56' 2"
Outfall Size: 2' 4" X 3' 6" EGG
Receiving Water: HARLEM RIVER

Outfall ID: WIM-043
Location: E 102ND STREET (REG # 19)
Latitude: 40° 47' 9"
Longitude: 73° 56' 21"
Outfall Size: 5' 3" X 5' 3"
Receiving Water: EAST RIVER

Outfall ID: WIM-044
Location: W. 145TH STREET (REG # 44)
Latitude: 40° 49' 10"
Longitude: 73° 56' 2"
Outfall Size: 5' X 6'
Receiving Water: HARLEM RIVER

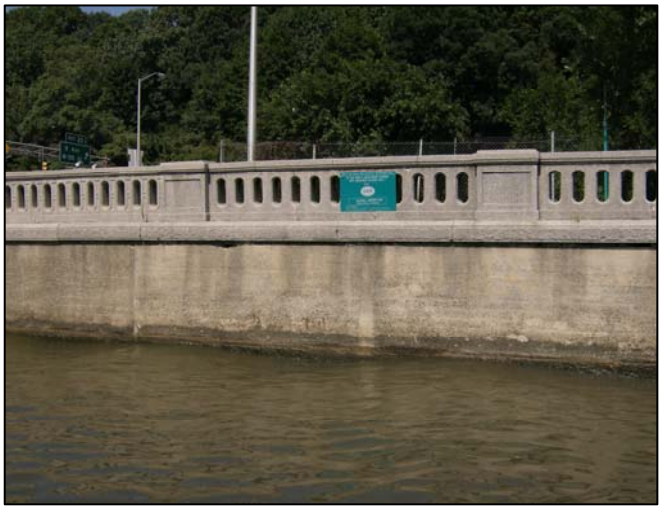
Outfall ID: WIM-045
Location: W 149TH STREET (REG # 45)
Latitude: 40° 49' 18"
Longitude: 73° 56' 3"
Outfall Size: 5' 6" X 6'
Receiving Water: HARLEM RIVER

Outfall ID: WIM-046
Location: W 151ST STREET (REG # 46)
Latitude: 40° 49' 30"
Longitude: 73° 56' 3"
Outfall Size: 8' 6" X 8'
Receiving Water: HARLEM RIVER

Outfall ID: WIM-047
Location: W 154TH STREET (REG # 47)
Latitude: 40° 49' 39"
Longitude: 73° 56' 4"
Outfall Size: 2' 8" X 4'
Receiving Water: HARLEM RIVER

Outfall ID: WIM-048
Location: W 155TH STREET (REG # 48)
Latitude: 40° 49' 41"
Longitude: 73° 56' 4"
Outfall Size: 2' 4" X 4‘ EGG
Receiving Water: HARLEM RIVER

Outfall ID: WIM-050
Location: W 156TH STREET (REG # 50)
Latitude: 40° 49' 45"
Longitude: 73° 56' 5"
Outfall Size: 2' 8" X 4'
EGG Receiving Water: HARLEM RIVER



Outfall ID: WIM-051
Location: W 167TH STREET (REG # 51)
Latitude: 40° 50' 14"
Longitude: 73° 56' 2"
Outfall Size: 48" DIA
Receiving Water: HARLEM RIVER

Outfall ID: WIM-052
Location: W 176TH STREET (REG # 52)
Latitude: 40° 50' 38"
Longitude: 73° 55' 49"
Outfall Size: 5' X 5'
Receiving Water: HARLEM RIVER

Outfall ID: WIM-001
Location: WARDS ISLAND W.P.C.P. OUTFALL
Latitude: 40° 47' 10"
Longitude: 73° 55' 17"
Outfall Size: DB 144" DIA
Receiving Water: EAST RIVER