

+ POOL

NOV 17, 2015

ALL SITES

EVALUATION CRITERIA

11 sites throughout New York City have been studied based upon the following 9 points of criteria.

Water Depth	Ideal water depth is between 10'-40'. It is necessary to have water depth greater than 10' to accomodate pool basin and structure. Deeper water depths proportionally increase amount of force capture, which impacts anchoring and stability.
Current Speed	Low current speed is desirable. Current speed affects the amount of force on structure. The greater the current speed, the bigger the force (approximately 1 knot \approx 3X more load).
Exposure	Sheltered sites are desirable. Protection provided by surrounding context such as natural land shape, piers, substructure, etc. break waves and reduce current speed.
Distance to Navigable Channel	It is preferable to be further away from the navigable channel. The closer to the navigable channel the greater exposure to marine traffic and waves.
Obstructions	Any obstructions, subsurface or programmed activity, must not interfere with +POOL.
Water Surface Area	+POOL surface area is 33,000 ft ²
CSO Tier Type	Combined Sewage Overflows (CSO) outfalls are classified by tiers depending on the volume of annual discharge. Tier 1 outfalls comprise roughly 50% of all CSO volumes; Tier 2 outfalls account for an additional 25% of CSO volumes; Tier 3 an additional 15%, Tier 4 an additional 5%, and Tier 5 the remaining 5%.
Avg. Transit Time	The ideal site location is easily accessible to the public. The average public transportation time to site is calculated from 4 major burrough subway hubs (Grand Central; Atlantic Ave/Barclays; Queens Plaza; Grand Concourse)
Upland Connection	Potential location for upland program.

POTENTIAL SITES

- 1. Brooklyn Bridge Cove
- 2. Brooklyn Bridge Park
- 3. Bush Terminal Park
- 4. Domino Sugar Factory
- 5. Governors Island
- 6. Hallet's Point
- 7. Hudson River Park
- 8. Hunters Point
- 9. St Georges
- 10. Transmitter Park
- 11. Two Bridges



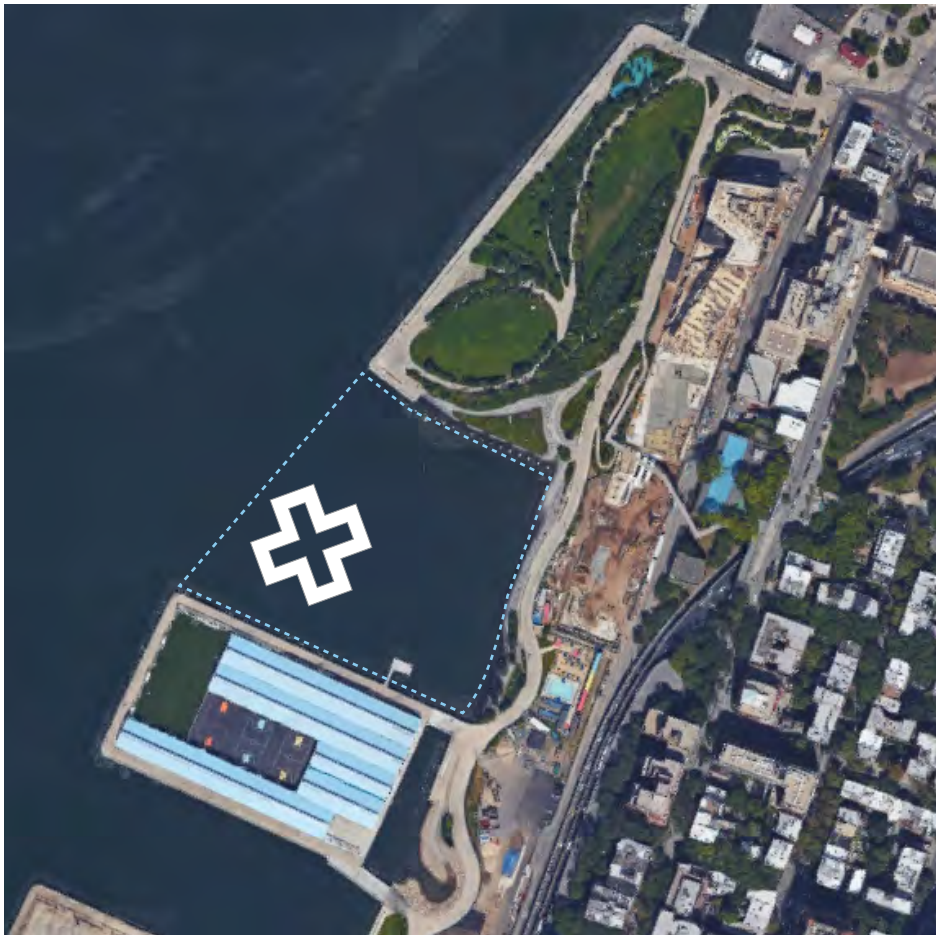
1. BROOKLYN BRIDGE COVE

Dumbo, Brooklyn

Water Depth	7' - 20'
Current Speed	3.5 kts
Exposure	Sheltered
Dist. to Navigable Channel	285'
Obstructions	Subsurface Piers; Kayak Launch
Water Surface Area	81,000 ft ²
CSO Tier Type	Tier 4
Avg. Transit Time	29 mins
Upland Connection	Public Path



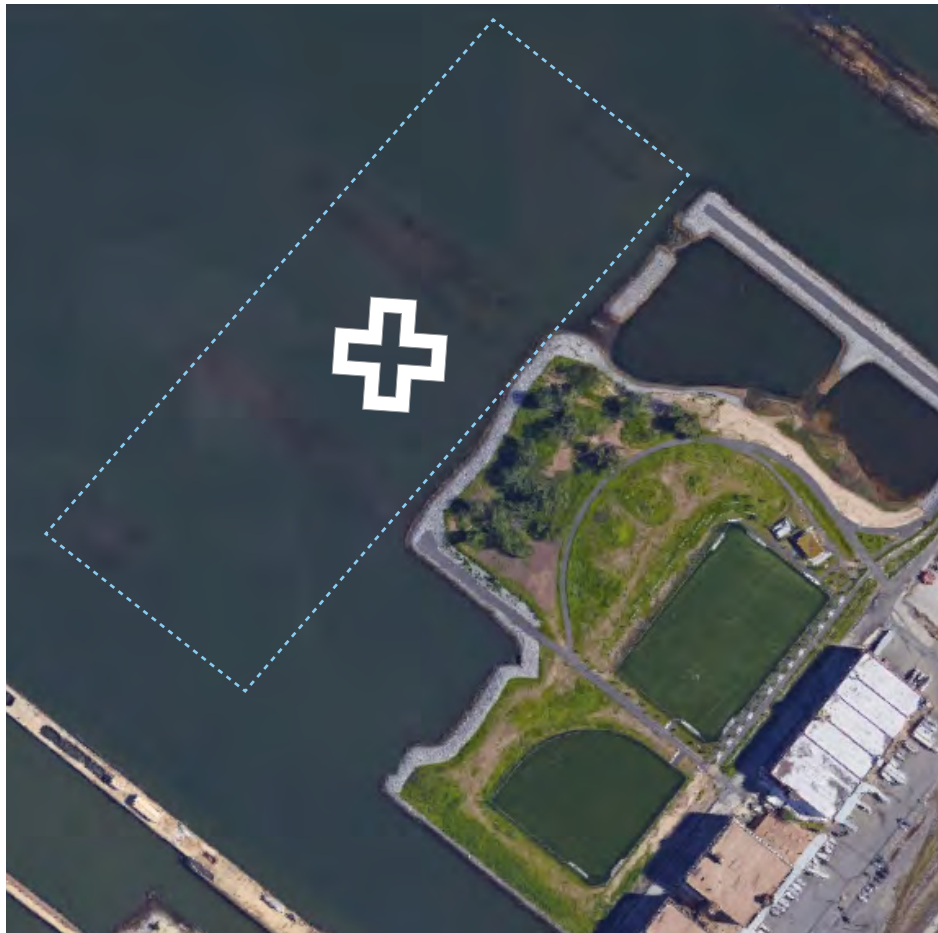
2. BROOKLYN BRIDGE PARK Dumbo, Brooklyn



Water Depth	30'
Current Speed	3.5 kts
Exposure	Exposed on 1 Side
Dist. to Navigable Channel	570'
Obstructions	Kayak Launch
Water Surface Area	265,000 ft ²
CSO Tier Type	Tier 4
Avg. Transit Time	34 mins
Upland Connection	Developed Pier 2 or Undeveloped Pier 3



3. BUSH TERMINAL PARK Industry City, Brooklyn



Water Depth	11' - 20'
Current Speed	1 kt
Exposure	Exposed on 2 Sides
Dist. to Navigable Channel	500'
Obstructions	Subsurface Obstruction Throughout Site
Water Surface Area	590,000 ft ²
CSO Tier Type	Tier 1
Avg. Transit Time	48 mins
Upland Connection	Public Park



4. DOMINO SUGAR FACTORY Williamsburg, Brooklyn



Water Depth	30' - 50'
Current Speed	2.9 kts
Exposure	Exposed on 3 Sides
Dist. to Navigable Channel	240'
Obstructions	None
Water Surface Area	266,000 ft ²
CSO Tier Type	Tier 4
Avg. Transit Time	34 mins
Upland Connection	Private Development



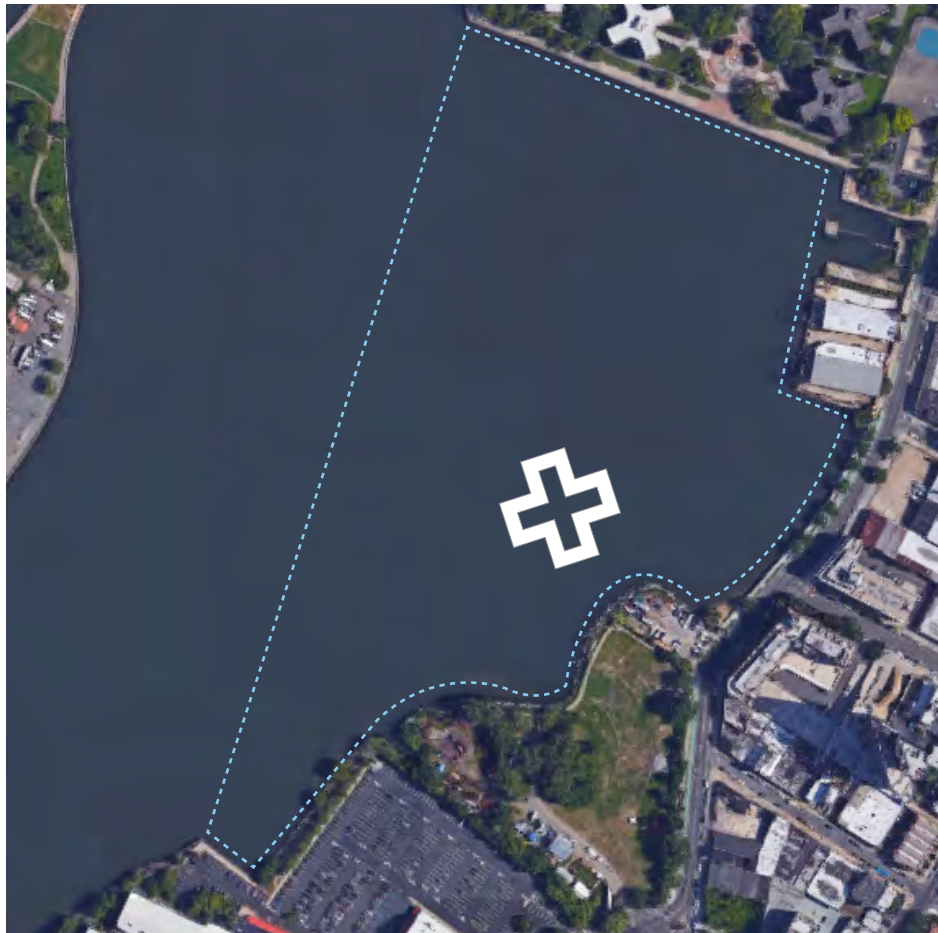
5. GOVERNORS ISLAND New York



Water Depth	1' - 10'
Current Speed	2.4 kts
Exposure	Exposed on 1 Side
Dist. to Navigable Channel	600'
Obstructions	Nearby Ferry Crossing
Water Surface Area	240,000 ft ²
CSO Tier Type	None
Avg. Transit Time	45 mins
Upland Connection	Parking Lot



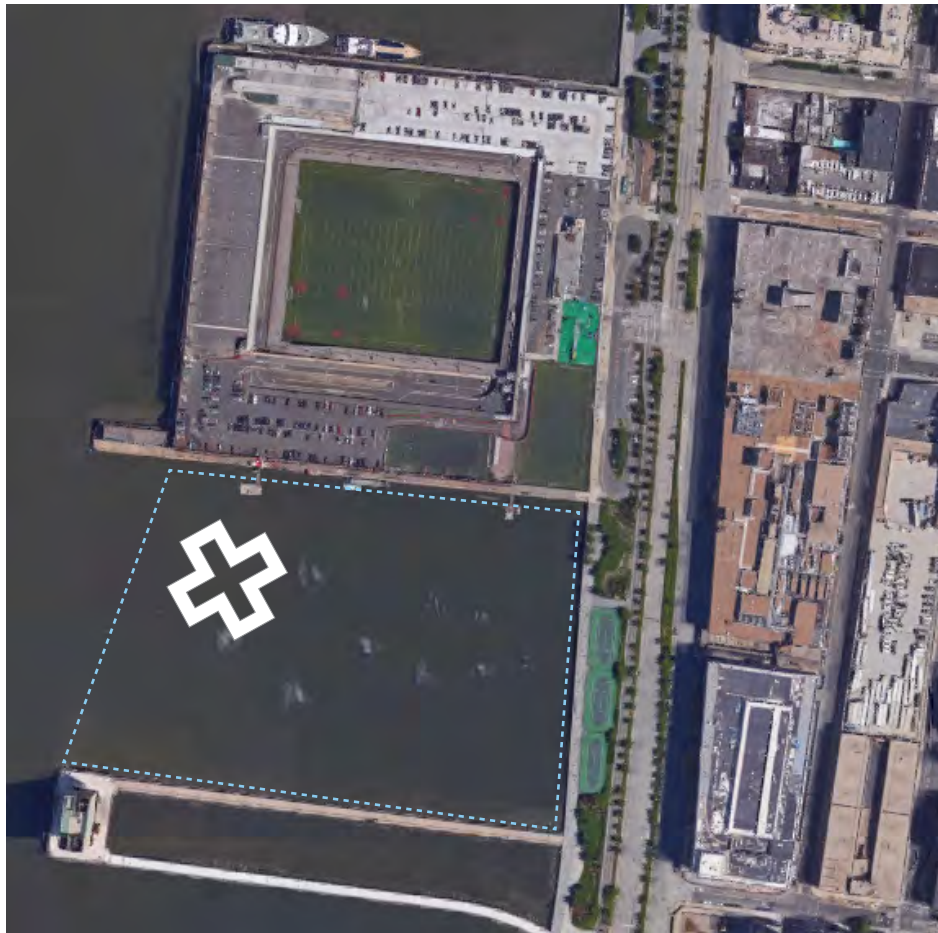
6. HALLET'S COVE Astoria, Queens



Water Depth	11' - 43'
Current Speed	2.8 kts
Exposure	Sheltered
Dist. to Navigable Channel	1,600'
Obstructions	Nearby Kayak Launch
Water Surface Area	1,040,000 ft ²
CSO Tier Type	Tier 3
Avg. Transit Time	36 mins
Upland Connection	Public Park or Private Development



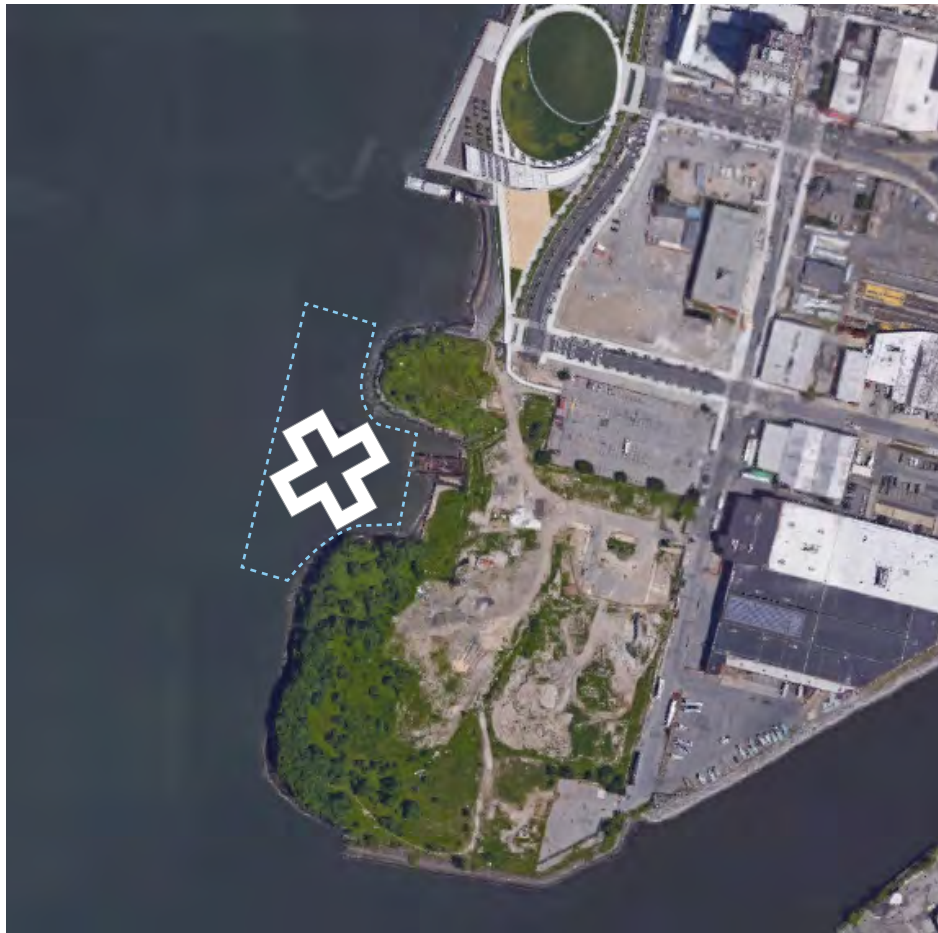
7. HUDSON RIVER PARK New York



Water Depth	9' - 11'
Current Speed	1.4 kts
Exposure	Exposed on 1 Side
Dist. to Navigable Channel	850'
Obstructions	None
Water Surface Area	382,500 ft ²
CSO Tier Type	Tier 4
Avg. Transit Time	31 mins
Upland Connection	Pier



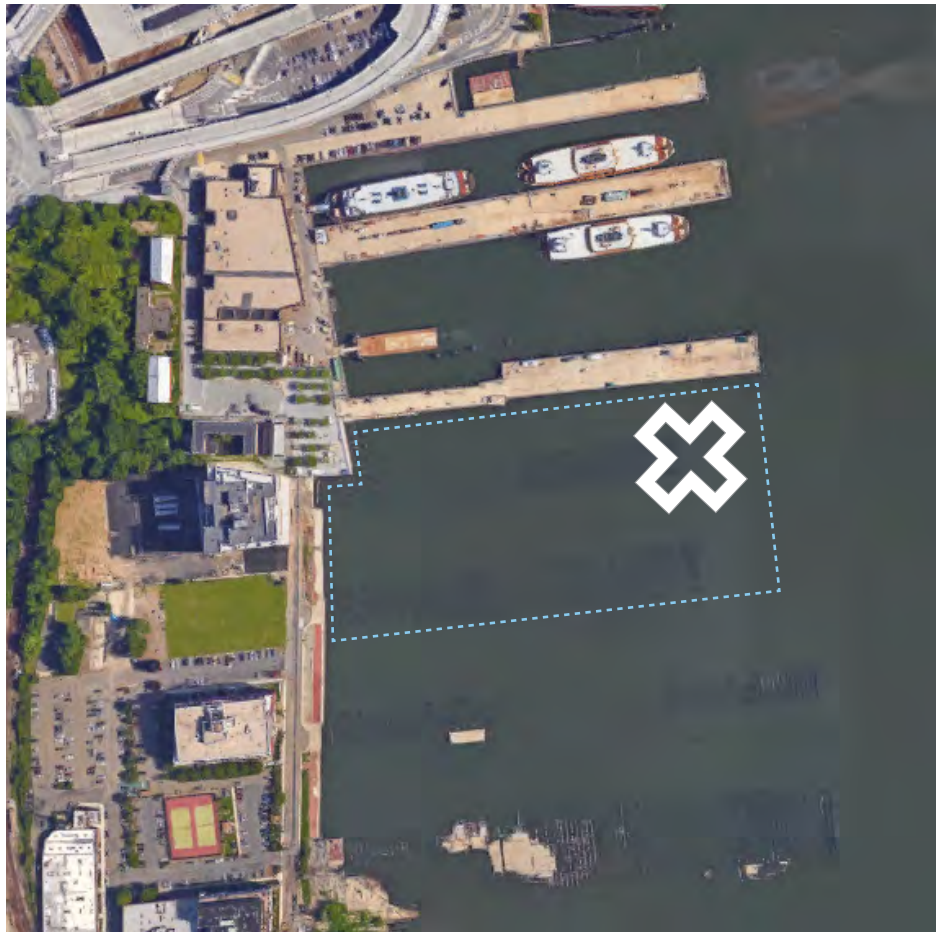
8. HUNTER'S POINT LIC, Queens



Water Depth	20'
Current Speed	2.1 kts
Exposure	Exposed on 2 Sides
Dist. to Navigable Channel	300'
Obstructions	Subsurface Obstruction Throughout Site
Water Surface Area	40,000 ft ²
CSO Tier Type	None
Avg. Transit Time	29 mins
Upland Connection	Public Park



9. ST. GEORGE Staten Island

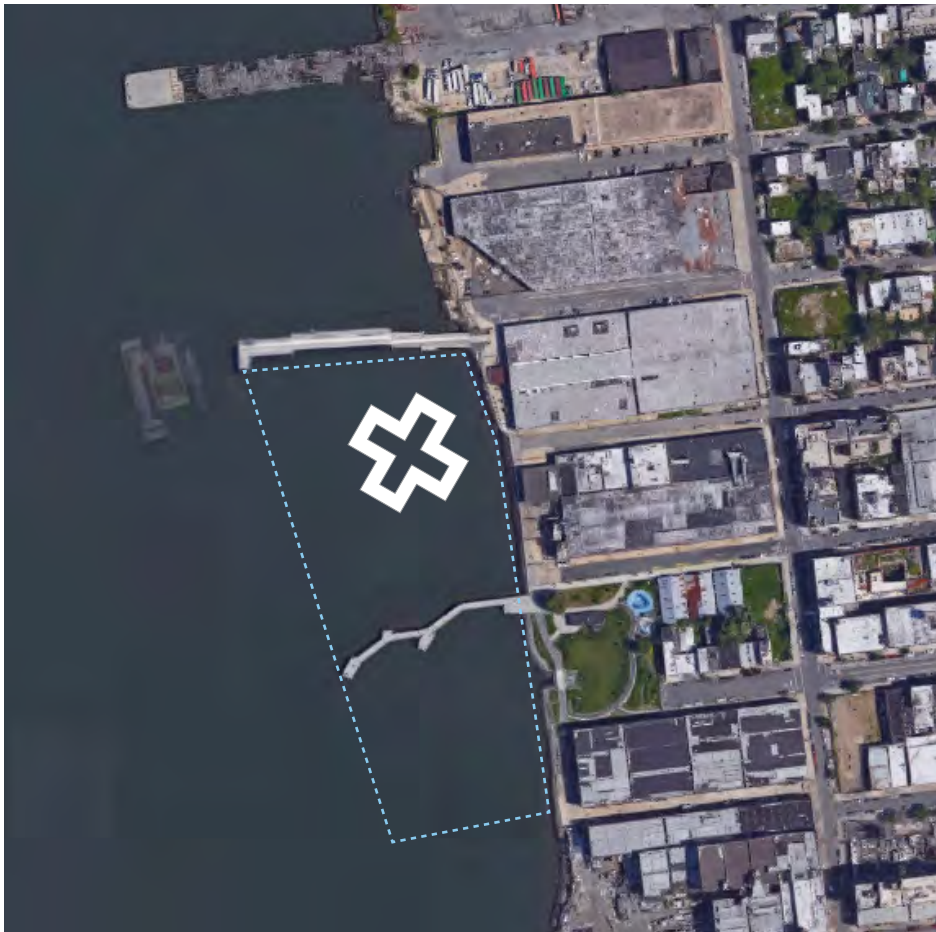


Water Depth	19'
Current Speed	1.5 kts
Exposure	Exposed on 2 Sides
Dist. to Navigable Channel	500'
Obstructions	Subsurface Obstruction for Part of Site
Water Surface Area	300,000 ft ²
CSO Tier Type	None
Avg. Transit Time	67 mins
Upland Connection	Pier



10. TRANSMITTER PARK Greenpoint, Brooklyn

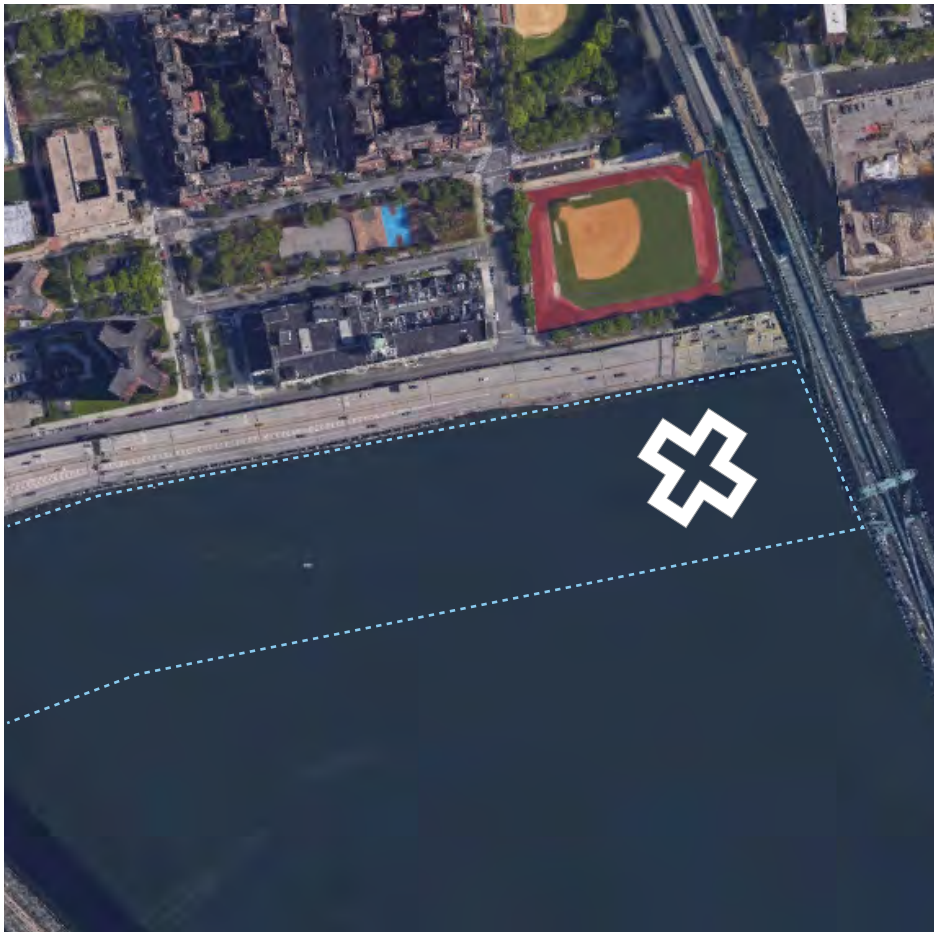
Water Depth	19' - 40'
Current Speed	1.9 kts
Exposure	Exposed on 1 - 2 Sides
Dist. to Navigable Channel	650'
Obstructions	Possible Subsurface Piers
Water Surface Area	365,000 ft ²
CSO Tier Type	Tier 4
Avg. Transit Time	28 mins
Upland Connection	Public Park or Private Development



11. TWO BRIDGES

Chinatown, New York

Water Depth	4' - 26'
Current Speed	2.6 kts
Exposure	Exposed on 3 Sides
Dist. to Navigable Channel	370'
Obstructions	Subsurface Obstruction at West Part of Site
Water Surface Area	120,000 ft ²
CSO Tier Type	Tier 4
Avg. Transit Time	31 mins
Upland Connection	Public Path



SUMMARY

	Water Depth (ft)	Current Speed (knots)	Exposure	Dist. to Navigable Channel (ft)	Obstructions	Water Surface Area (ft ²)	CSO Tier Type	Average Transit Time (mins)	Upland Connection
1. Brooklyn Bridge Cove	7 - 20	3.5	Sheltered	285'	Subsurface Piers; Kayak Launch	81,000	Tier 4	29	Public Path
2. Brooklyn Bridge Park	30	3.5	Exposed on 1 Side	570	Kayak Launch	265,000	Tier 4	34	Developed Pier 2 or Undeveloped Pier 3
3. Bush Terminal Park	11 - 20	1	Exposed on 2 Sides	500	Subsurface Obstruction Throughout Whole Site	590,000	Tier 1	48	Public Park
4. Domino Sugar Factory	30 - 50	2.9	Exposed on 3 Sides	240	None	266,000	Tier 4	34	Private Development
5. Governors Island	1 - 10	2.4	Exposed on 1 Side	600	Nearby Ferry Crossing	240,000	None	45	Parking Lot
6. Hallet's Cove	11 - 43	2.8	Sheltered	1600	Nearby Kayak Launch	1,040,000	Tier 3	36	Public Park or Private Development
7. Hudson River Park	9 - 11	1.4	Exposed on 1 Side	850	None	382,500	Tier 4	31	Pier
8. Hunters Point	20	2.1	Exposed on 2 Sides	300	Subsurface Obstruction Throughout Whole Site	40,000	None	29	Public Park
9. St George	19	1.5	Exposed on 2 Sides	500	Subsurface Obstruction For Part of Site	300,000	None	67	Pier
10. Transmitter Park	19 - 40	1.9	Exposed on 1-2 Sides	650	Possible Subsurface Piers	365,000	Tier 4	28	Public Park or Private Development
11. Two Bridges	4 - 26	2.6	Exposed on 3 Sides	370	Subsurface Obstruction at West Part of Site	120,000	Tier 4	31	Public Path