

FIGURE 1 TO TAB A
ACP KEY-NY/NJ HARBOR

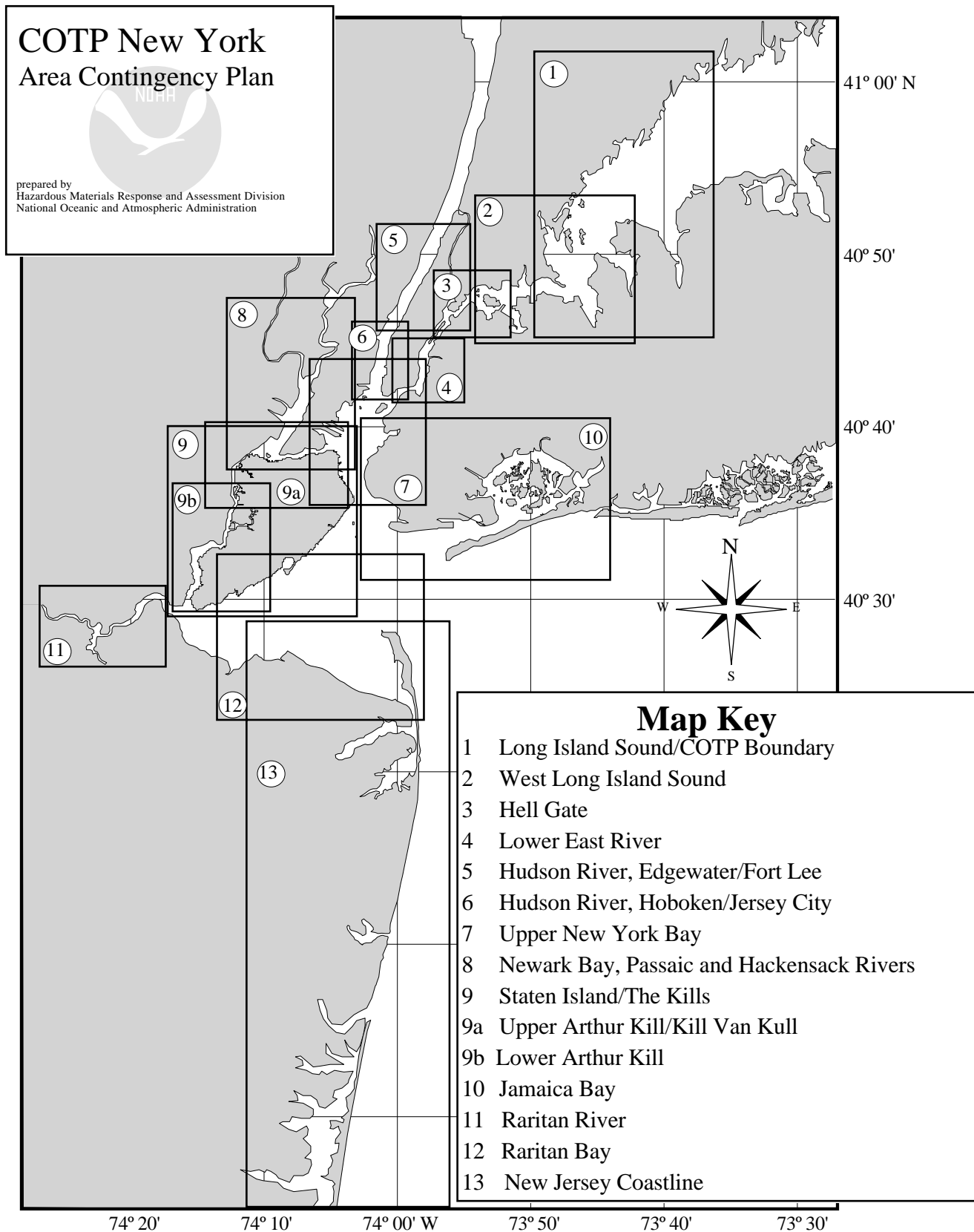
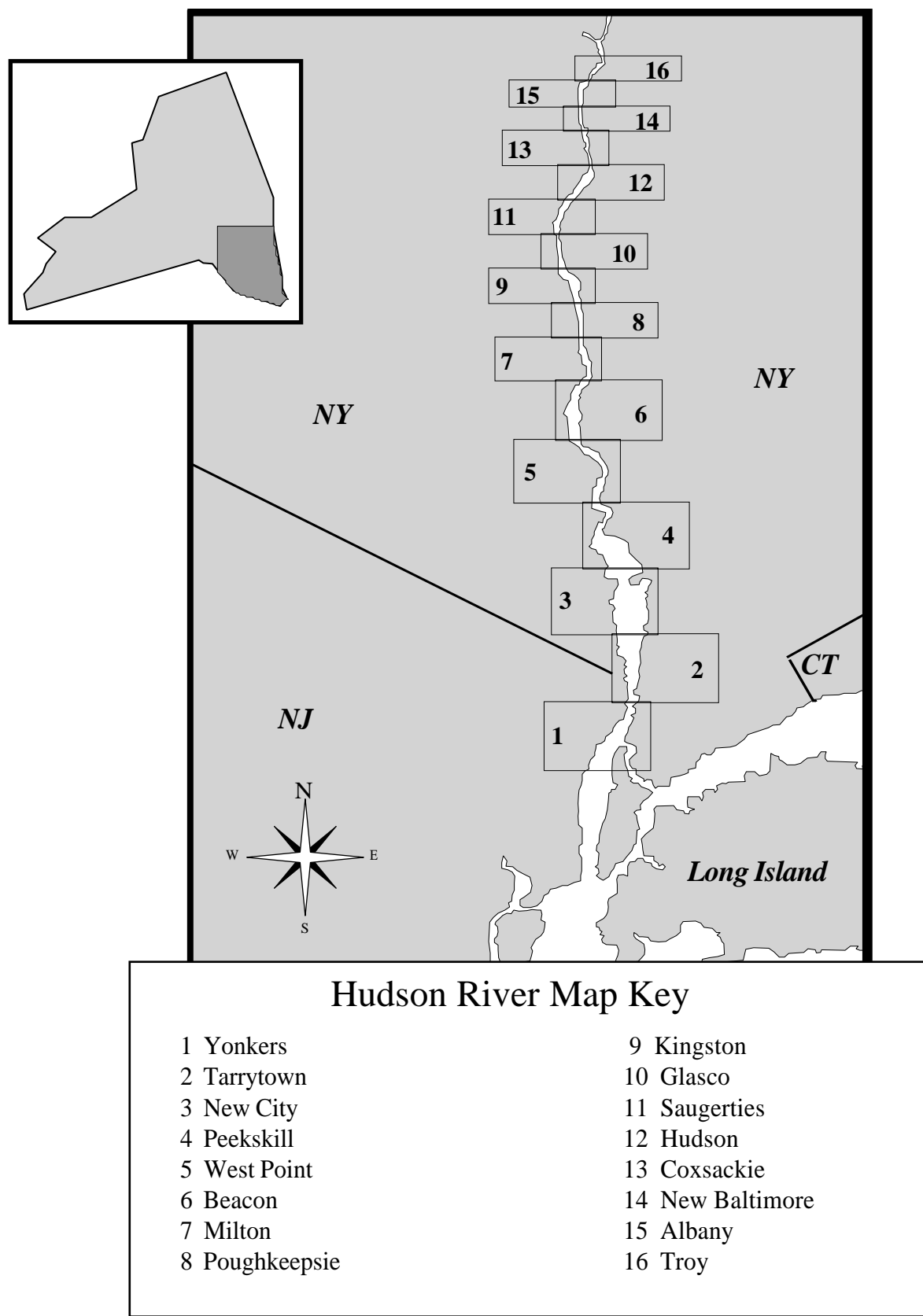


FIGURE 1

FIGURE 2 TO TAB A
ACP KEY-HUDSON RIVER



TAB B TO APPENDIX V
HUDSON RIVER

- References:
- (a) Hudson River Oil and Hazardous Substance Spill Committee Contingency Plan
 - (b) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River

- 1. DESCRIPTION:** The Hudson River is a major navigable waterway of the United States. Large volumes of oil and hazardous substances are transported on this major link between Upstate New York/Albany and New York Harbor. Over twenty-five waterfront facilities are located along the Hudson River between the Bear Mountain and Kingston-Rhinecliff Bridges. Additionally, a large volume of oil and chemical products moves along the shore on parallel railroads. In the reaches of the Lower Hudson River, along the Manhattan and New Jersey sides, there are several passenger ship/sight-seeing operations, as well as several marinas.

The Hudson River shoreline varies from cliffs to tidal marshes. Large areas are undeveloped and include marine life, waterfowl and wildlife refuge areas. Both shorelines are paralleled by railroad tracks and in many areas are virtually inaccessible from land.

- 2. WATER CURRENTS:** The Hudson River is unusual in that it is affected by tidal action throughout its length. The tidal flow is north and south. Tidal currents during ebb averages 2 knots and may be as high as 3 to 5 knots during the spring runoff. A southward drift of five miles, each 24 hours, is common with spills under average conditions.

Depths range from 32 feet to 75 feet in the upstream channel down to two feet or less in shoal waters. The deepest portion of the upstream channel is near West Point north of the Bear Mountain Bridge.

The Hudson River and its navigable tributaries freeze over in the northern reaches and have ice flows and shoreline ice in the southern reaches during the winter months. Moving ice makes use of containment devices difficult and often ineffective although the ice may also act as a containment device itself.

- 3. WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
- 4. SENSITIVE AREAS:** The Hudson River area contains tidal marshes, tributaries, and other contiguous areas which serve as wildlife, waterfowl, and marine life birding and refuge areas. The areas are listed and shown on maps in reference (b). There are many marinas and private craft moorings along the river and a few public beaches. The following information corresponds with Maps 1 thru 16 of the Hudson River. A strategy matrix for each area immediately follows the corresponding map.

MAP LEGEND

Priority Scale:

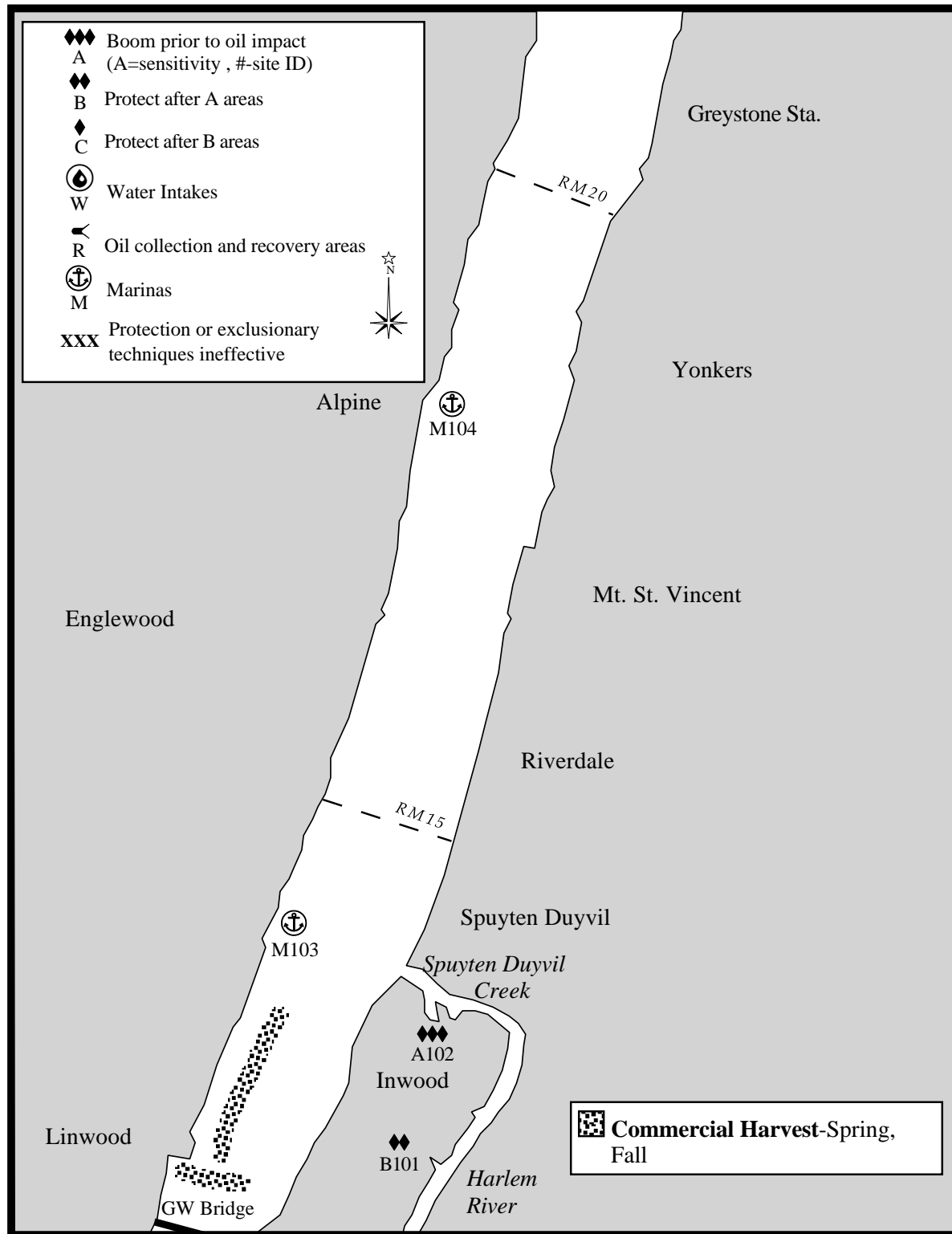
- A** = Boom prior to oil impact
- B** = Protect after A areas
- C** = Protect after B areas
- M** = Marina
- R** = Oil collection and recovery area
- W** = Water Intake-boom prior to oil impact
- P** = Pipeline
- XXX** = Protection or exclusionary techniques ineffective

Booming Method:

- P** = Protection
- D** = Deflection
- R** = Recovery and Collection

- Maps:
1. Hudson River/Yonkers
 2. Hudson River/Tarrytown
 3. Hudson River/New City map
 4. Hudson River/Peekskill map
 5. Hudson River/West Point map
 6. Hudson River/Beacon map
 7. Hudson River/Milton map
 8. Hudson River/Poughkeepsie
 9. Hudson River/Kingston
 10. Hudson River/Glasco
 11. Hudson River/Saugerties
 12. Hudson River/Hudson
 13. Hudson River/Coxsackie
 14. Hudson River/New Baltimore
 15. Hudson River/Albany
 16. Hudson River/Troy

MAP 1 TO TAB B
HUDSON RIVER/YONKERS



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVVER / YONKERS

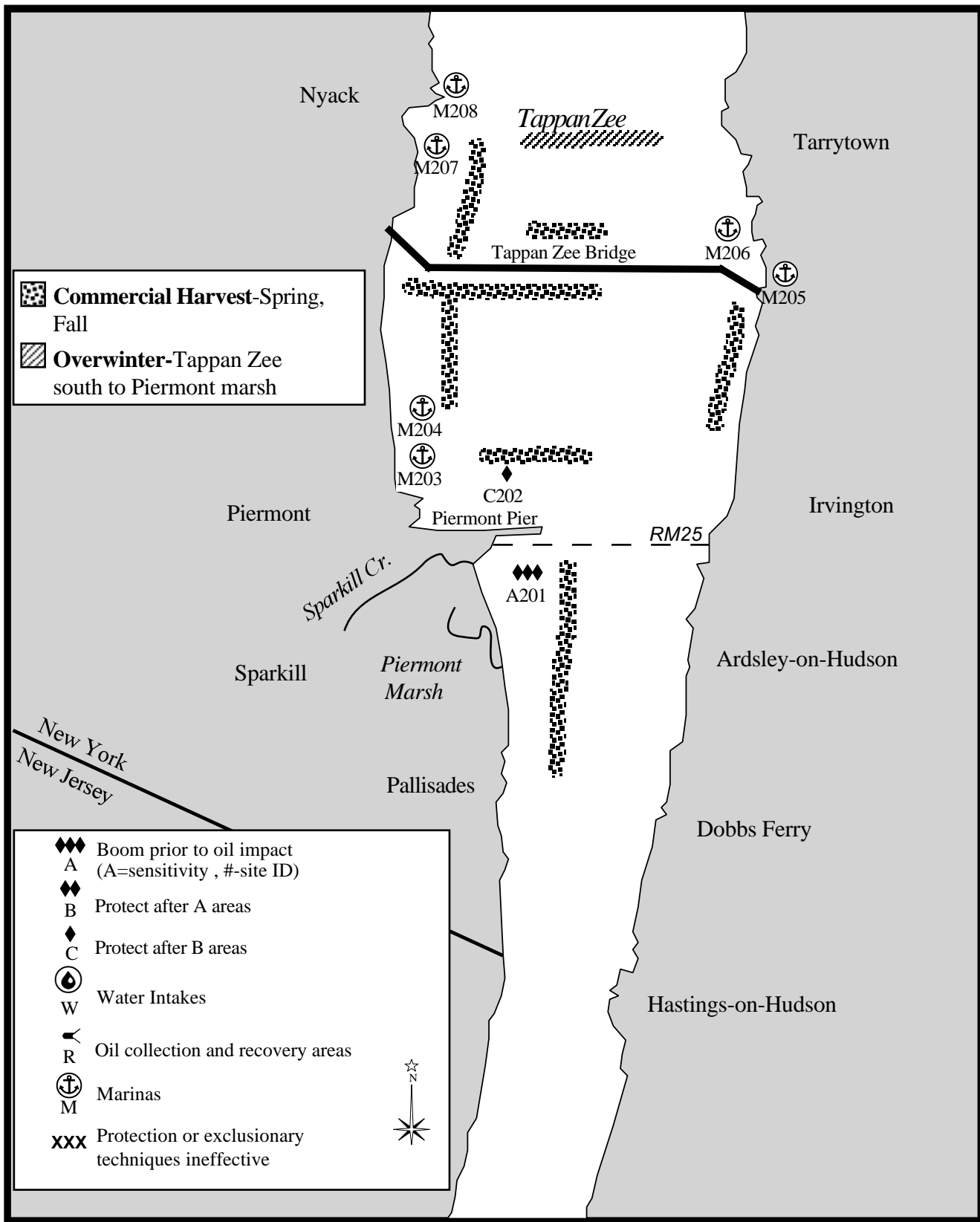
<i>SENSITIVE AREA MAP 1</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A102	INWOOD HILL PARK				E	V
B101	SHERMAN CREEK					
M103	ENGLWOOD BOAT BASIN			PALASADES PARK COMMISSION 201-894-9510	\$	B/V
M104	ALPINE BOAT BASIN			ALPINE BOAT BASIN 201-768-9798	\$	B/V
NOTES						

BOOMING METHOD
D = DEFLECT
P = PROTECT
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MAP 2 TO TAB B
HUDSON RIVER/TARRYTOWN



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / TARRYTOWN

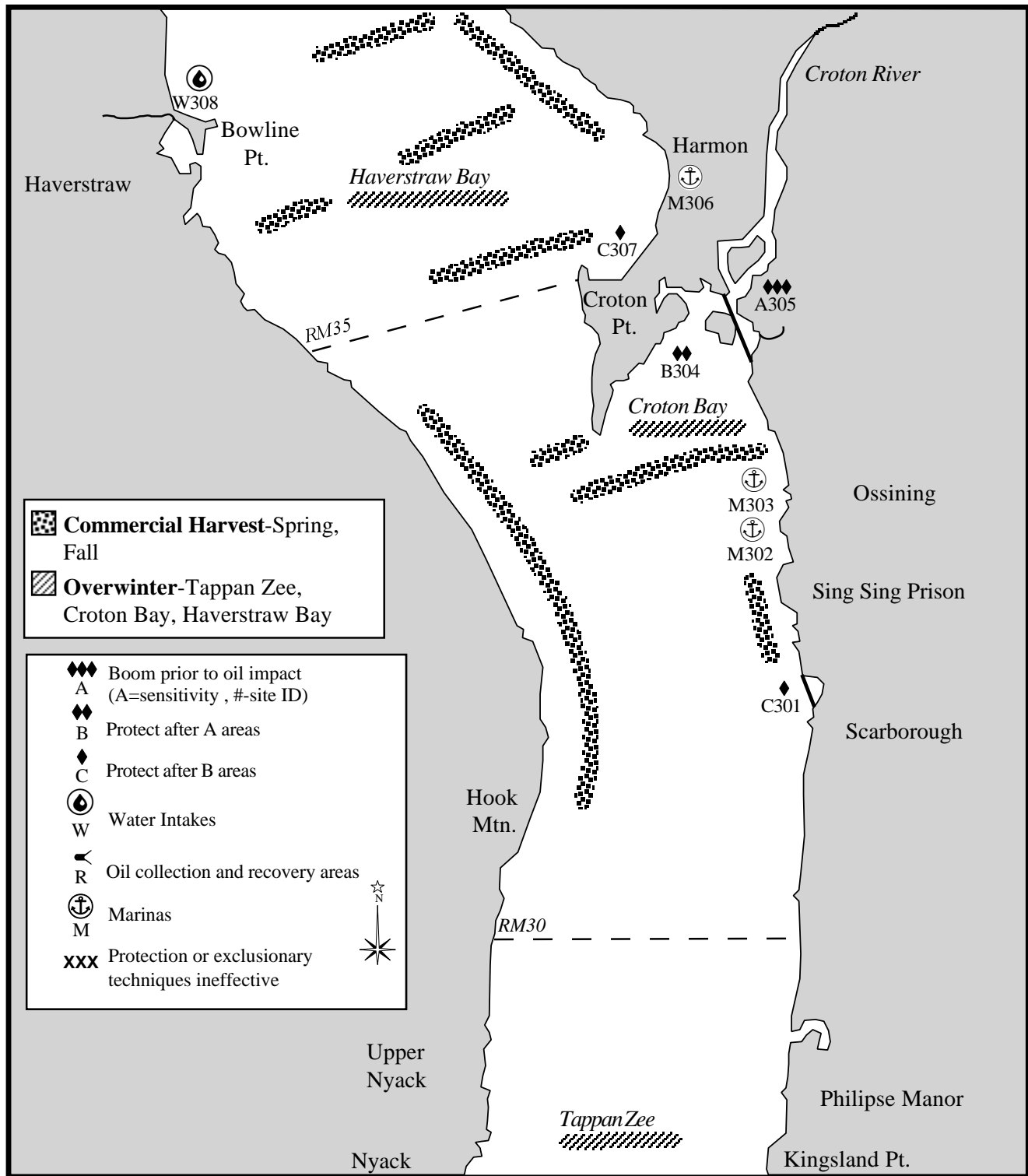
<i>SENSITIVE AREA MAP 2</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A201	PIERMONT MARSH	D	9000		E	B/V
C202	NORTH PIERMONT PIER	P	6000		E	B/V
M203	CORNETTA'S MARINA				\$	B/V
M204	TAPPAN ZEE MARINA			TAPPAN ZEE MARINA (M204) 914-359-5522	\$	B/V
M205	TARRYTOWN MARINA			TARRYTOWN MARINA (M205) 914-631-1300	\$	B/V
M206	TARRYTOWN YACHT CLUB				\$	B/V
M207	PETERSON'S BOATYARD(S)				\$	V
M208	PETERSON'S BOATYARD				\$	V

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MAP 3 TO TAB B
HUDSON RIVER/NEW CITY



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / NEW CITY

<i>SENSITIVE AREA MAP 3</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A305	CROTON RIVER (R/R OUTLET)	P	2000		E	B/V
B304	CROTON BAY	D	4000	WESTCHESTER COUNTY PARK SERVICE	E	B/V
C301	SCARBOROUGH R/R COVE	P	500			B
C307	CROTON PT. NORTH SHORE HARBOR	D	5000	CROTON POINT PARK	E	B/V
M302	WESTERLY MARINA			WESTERLY MARINA (M302) 914-941-2203	\$	B/V
M303	SAMALOT MARINA				\$	V
M306	HALF MOON BAY YACHT CLUB				\$	B/V
W308	BOWLINE POINT POWER STATION	P	750	BOWLINE POINT POWER STATION (308) 914-786-8020	\$	B/V

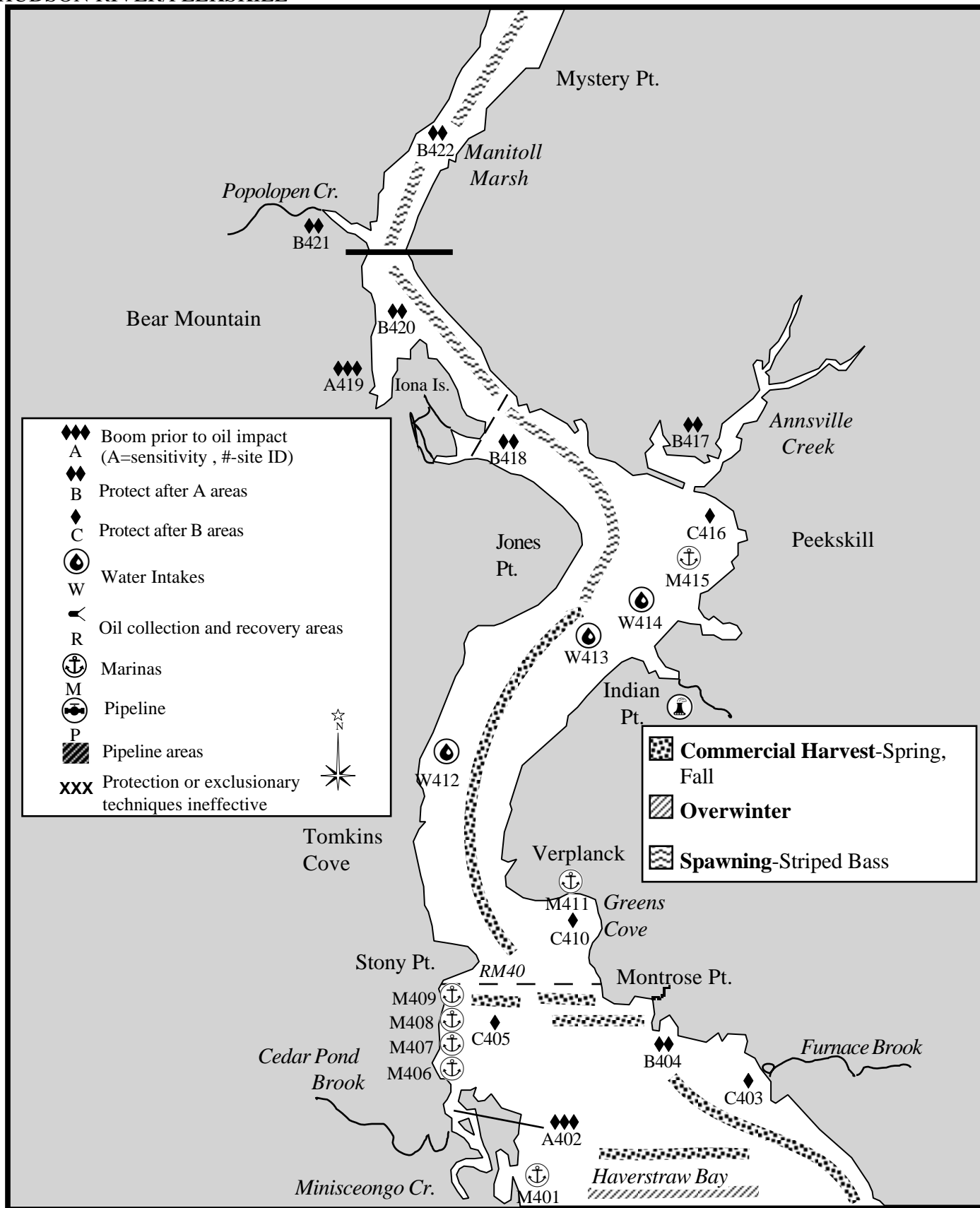
NOTES:

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ACCESS
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MAP 4 TO TAB B
HUDSON RIVER/PEEKSKILL



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / PEEKSKILL

<i>SENSITIVE AREA MAP 4</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A402	MINISCEOGNO CREEK	P	500		E/V	B/V
A419	IONA MARSH R/R OUTLET	D	4000		E	B
A420	IONA MARSH HUDSON RIVER	D	4000		E	B
B404	GEORGES ISLAND PARK	R				V
B417	ANNSVILLE CREEK	P	500		E	B/V
B418	IONA MARSH WETLAND	P	750		E	B
B421	POPOLOPEN CREEK R/R OUTLET	P	750		E	B
B422	MANITOU MARSH R/R OUTLET	P	600		E	B/V
C403	FURNACE BROOK BAY	P	300		E	B/V
C405	STONE PT BAY				E	B
C410	GREEN'S COVE	R			E	B/V
C416	PEEKSKILL BAY	D/R	9000		\$	B/V
M401	HAVERSTRAW MARINA		1000	HAVERSTRAW MARINA (M401) 914-429-2001	\$	B/V
M406	WILLOW COVE MARINA		500		\$	B/V
M407	STONE PT MARINA				\$	B/V
M408	BELLE HARBOR MARINA				\$	B/V
M409	MINISCEONGO YACHT CLUB	P	300	MINISCEONGO YACHT CLUB (M409) 914-786-8767	\$	V
M411	VIKING MARINA				\$	V
M415	CHARLES POINT MARINA			CHARLES POINT MARINA (M415) 914-736-7370	\$	B/V
W412	LOVETT POWER STATION	P	1000	LOVETT POWER STATION (W412) 914-786-8180	E/\$	B/V
W413	INDIAN POINT NEUCLEAR STATION				E/\$	V
W414	CHARLES POINT REC. ST.				E/\$	V

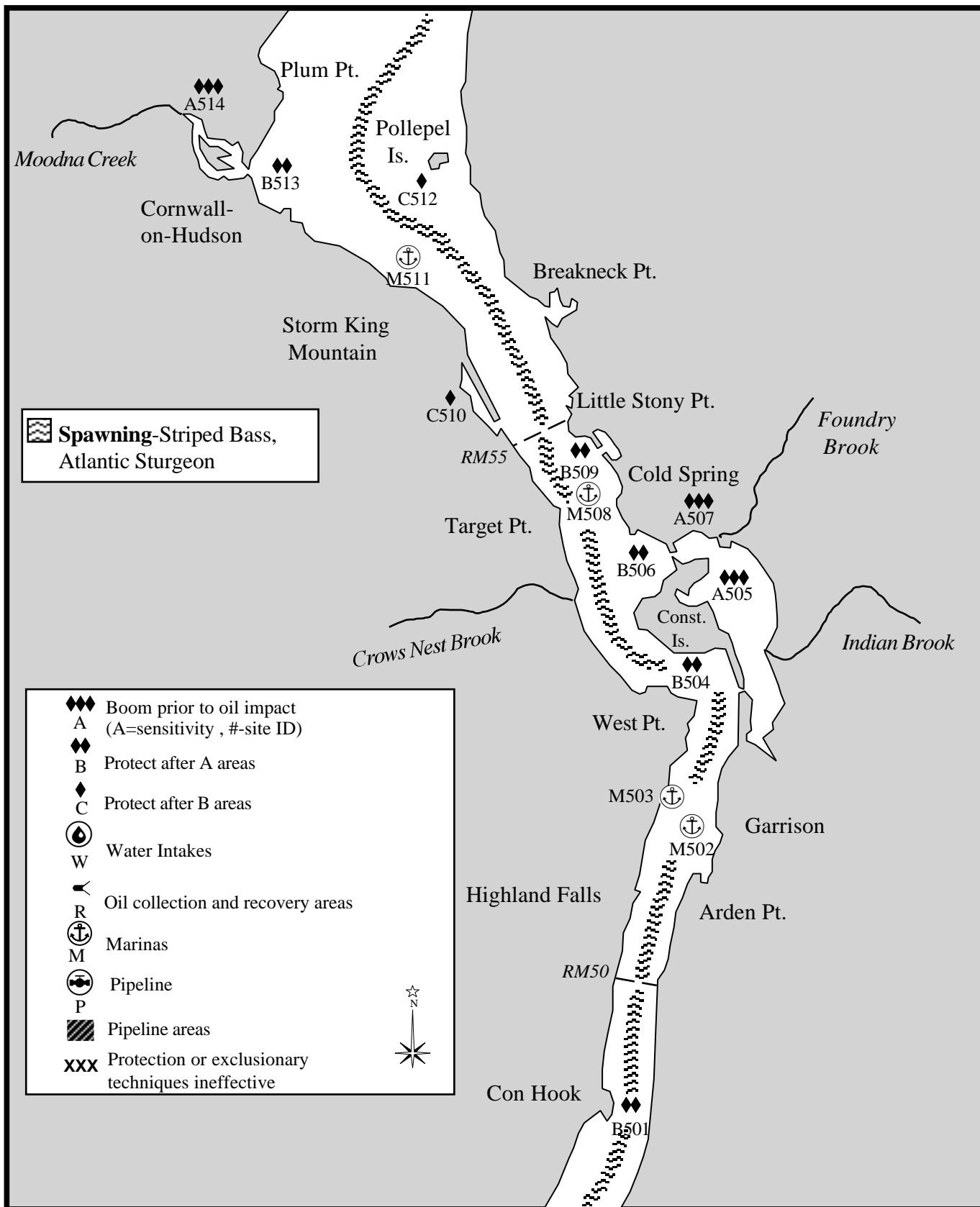
NOTES

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MAP 5 TO TAB B
HUDSON RIVER/WEST POINT



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / WESTPOINT

SENSITIVE AREA MAP 5		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER		IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME						
A505	CONSTITUTION MARSH	P	500			E	B
A507	FOUNDRY COVE R/R OUTLET	P	500			E	B
A514	MOODNA CREEK AND MARSH	P	1000			E	B
B501	CON HOOK MARSH	D	1750			E	B
B504	CONSTITUTION ISLAND	D	1000			E/\$	B
B506	FOUNDRY COVE BAY HR SIDE	D	5000			E	B
B509	LITTLE SONEY POINT	D/P	1500			E	B/V
B513	MOODNA CREEK MOUTH	D	5000			E	B
C510	CLOVE CREEK COVE R/R OUTLET	P	600			E	B/V
C512	POLLEPEL (BANNERMANS) ISLAND					E	B
M502	GARRISON YACHT CLUB					\$	B/V
M503	WESTPOINT YACHT CLUB					E	B/V
M508	COLD SPRING YACHT CLUB					\$	B/V
M511	CORNWALL YACHT CLUB					\$	B/V

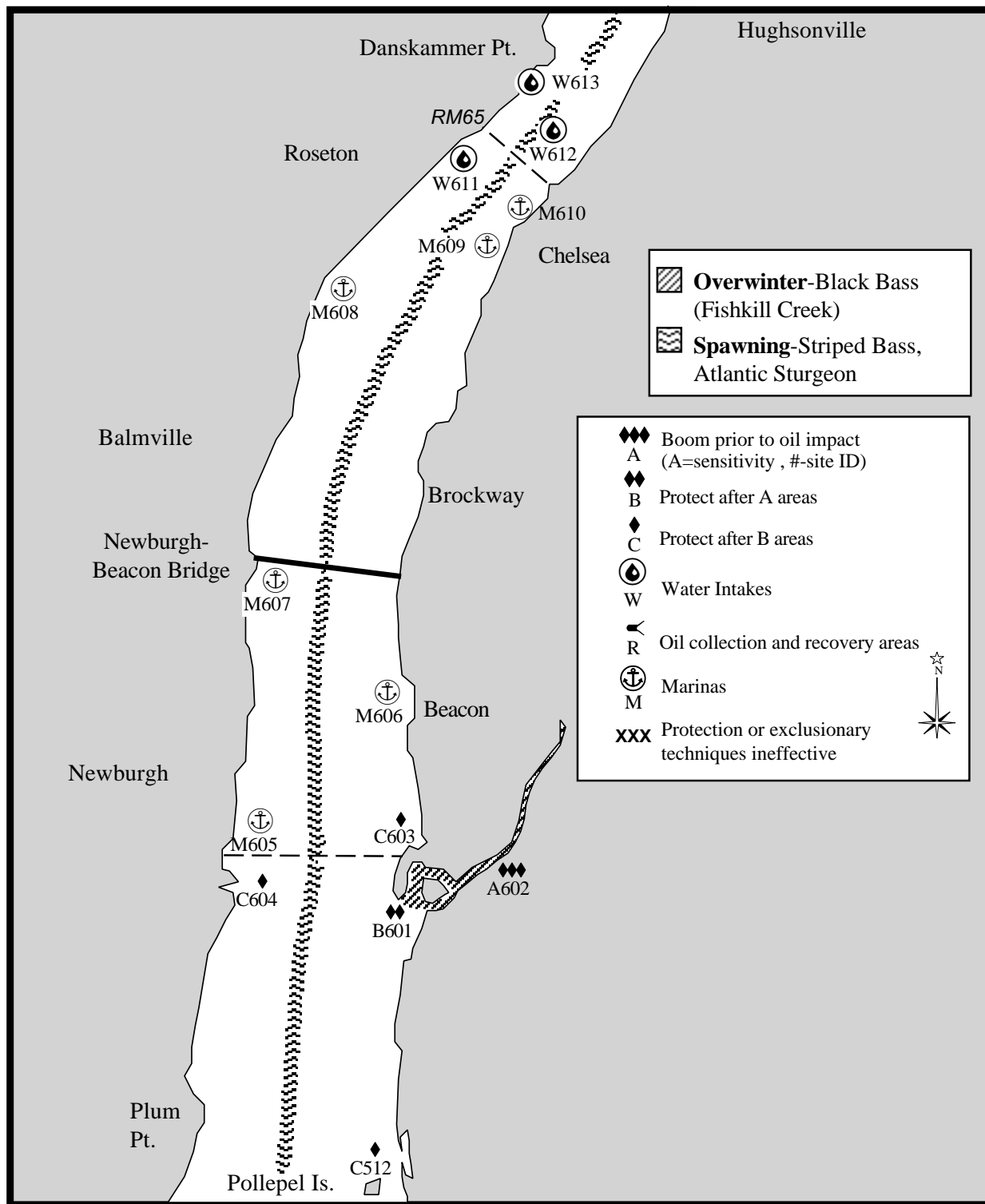
NOTES

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IMPACT
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MAP 6 TO TAB B
HUDSON RIVER/BEACON



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STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / BEACON

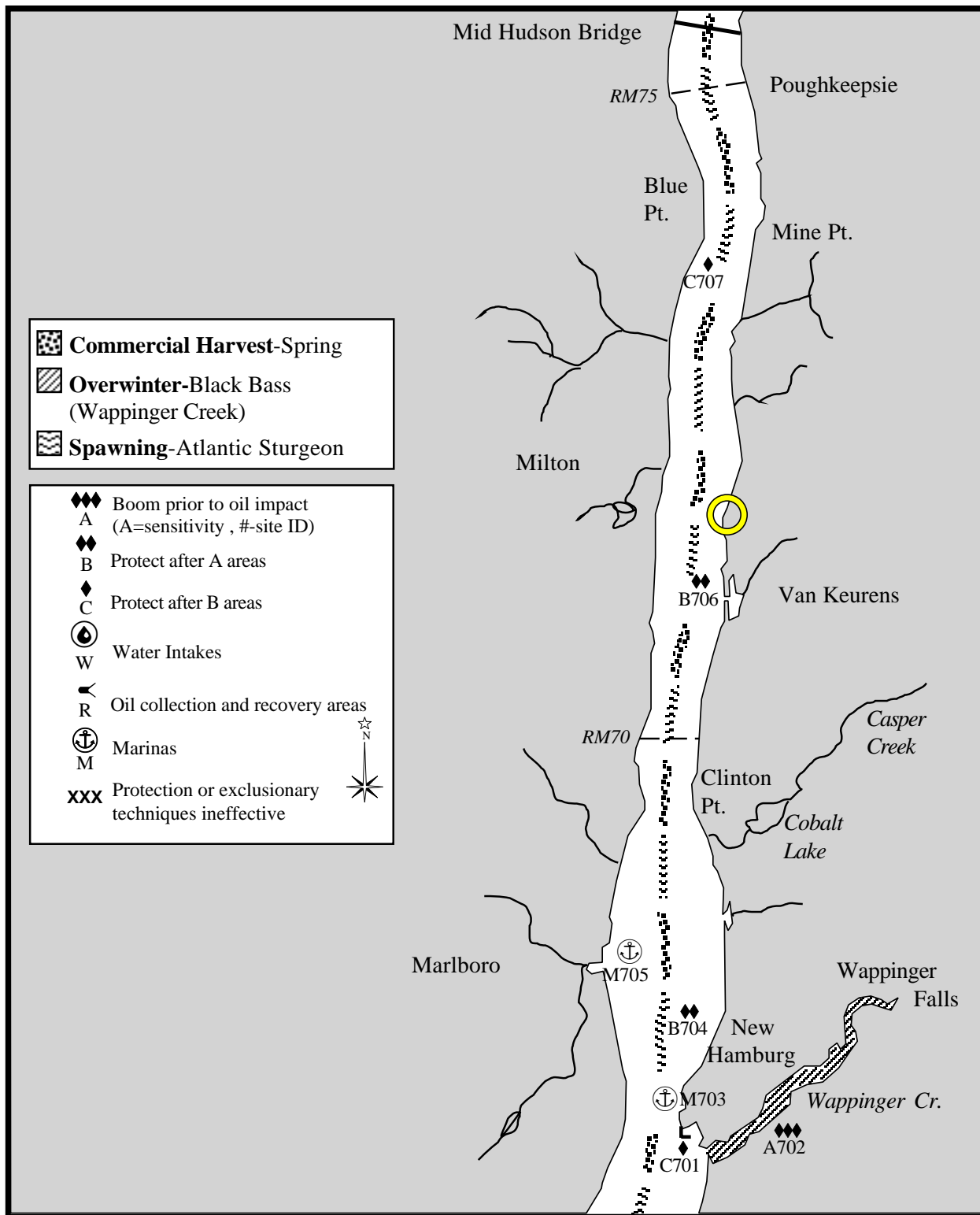
<i>SENSITIVE AREA MAP 6</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A602	FISKILL CREEK	P	1000		E	B
B601	DENNING PT. BAY	D	5000		E	B/V
C512	POLLEPEL (BANNERMANS) ISLAND				E	B
C603	DENNING PT.				E	V
C604	QUASSAICK CREEK	P	500			
M605	GULL HARBOR MARINA	P	5000	NEWBURG LANDING	\$	B/V
M606	BEACON BOAT CLUB				\$	B/V
M607	NEWBURGH YACHT CLUB			NEWBURGH YACHT CLUB (M607) 914-565-3920	E	B/V
M608	NEWBURGH MARINA	D	2000		\$	B/V
M609	CHELSEA YACHT CLUB				\$	B/V
M610	CHELSEA MARINA	P	3000		\$	B/V
W611	ROSETON POWER STA			ROSETON POWER STA (W611) 914-486-5579	E/\$	B/V
W612	NYC WATER INTAKE				\$	B/V
W613	DANSKAMMER POWER STA.				\$	B/V
NOTES						

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MAP 7 TO TAB B
HUDSON RIVER/MILTON



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / MILTON

<i>SENSITIVE AREA MAP 7</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A702	WAPPINGER CREEK	P	800		E	B/V
B704	NEW HAMBURG COVE	D	500		E/\$	B
B706	VAN KEURENS	P	500		E	
C701	COVE NORTH OF WAPPINGER CREEK					B
C707	BLUE POINT COVE					B
M703	NEW HAMBURG YACHT CLUB				\$	B/V
M705	WEST SHORE MARINA				\$	B/V
W706	IBM POUGHKEEPSIE				E/\$	B/V

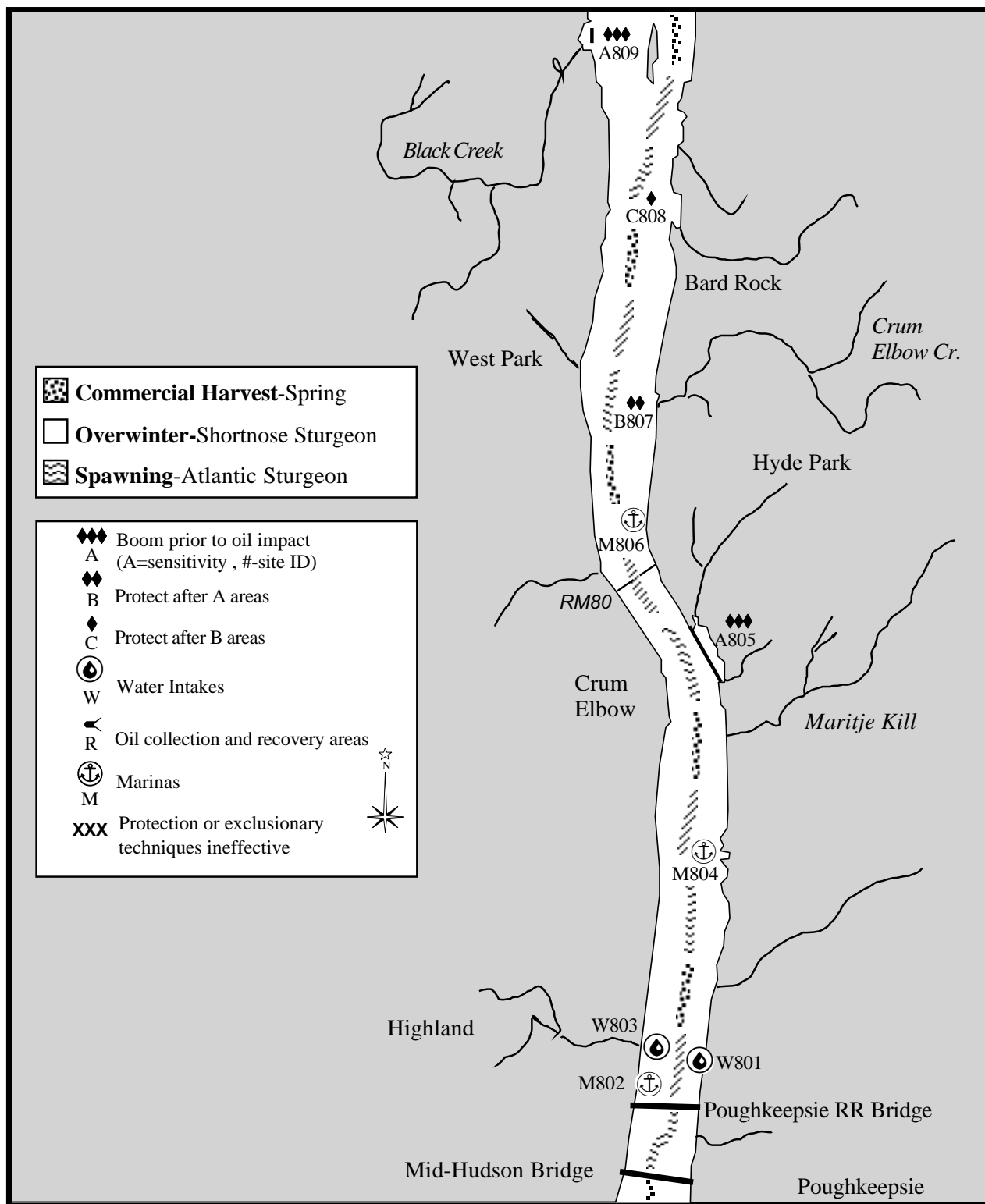
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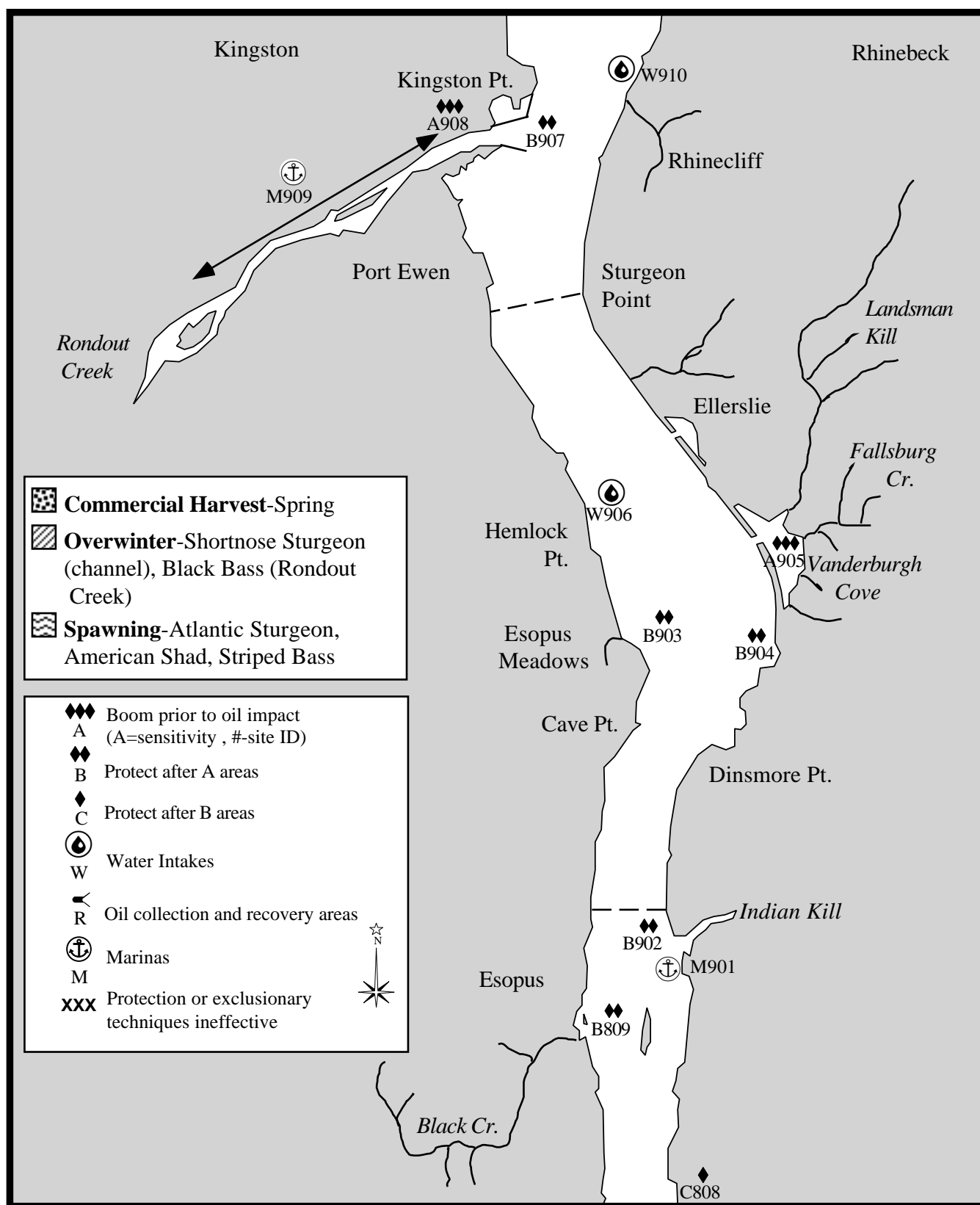
MAP 8 TO TAB B
HUDSON RIVER/POUGHKEEPSIE



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HUDSON RIVER / POUGHKEEPSIE

MAP 9 TO TAB B
HUDSON RIVER/POUGHKEEPSIE



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STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / KINGSTON

<i>SENSITIVE AREA MAP 9</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A809	BLACK CREEK MOUTH	P	2000		E	B
A905	VANDEBURGH COVE R/R OUTLET	P	300		E	B
A908	ROUNDOUT CREEK		4000		E	
B902	INDIAN KILL MOUTH					
B903	ESOPUS MEADOWS					
B904	HUDSON RIVER SIDE OF VANDEBURGH COVE	P	300		E	B/V
B907	ROUNDOUT CREEK MOUTH	D	5000			B
C808	BARD ROCK BAY				E	B
M901	NORIE YACHT BASIN	P	1500		\$	B/V
M909	CREEK MARINAS	P	4000		\$	B/V
W906	PORT EWEN WATER INTAKE					
W910	ROUNDOUT CREEK WATER INTAKE					

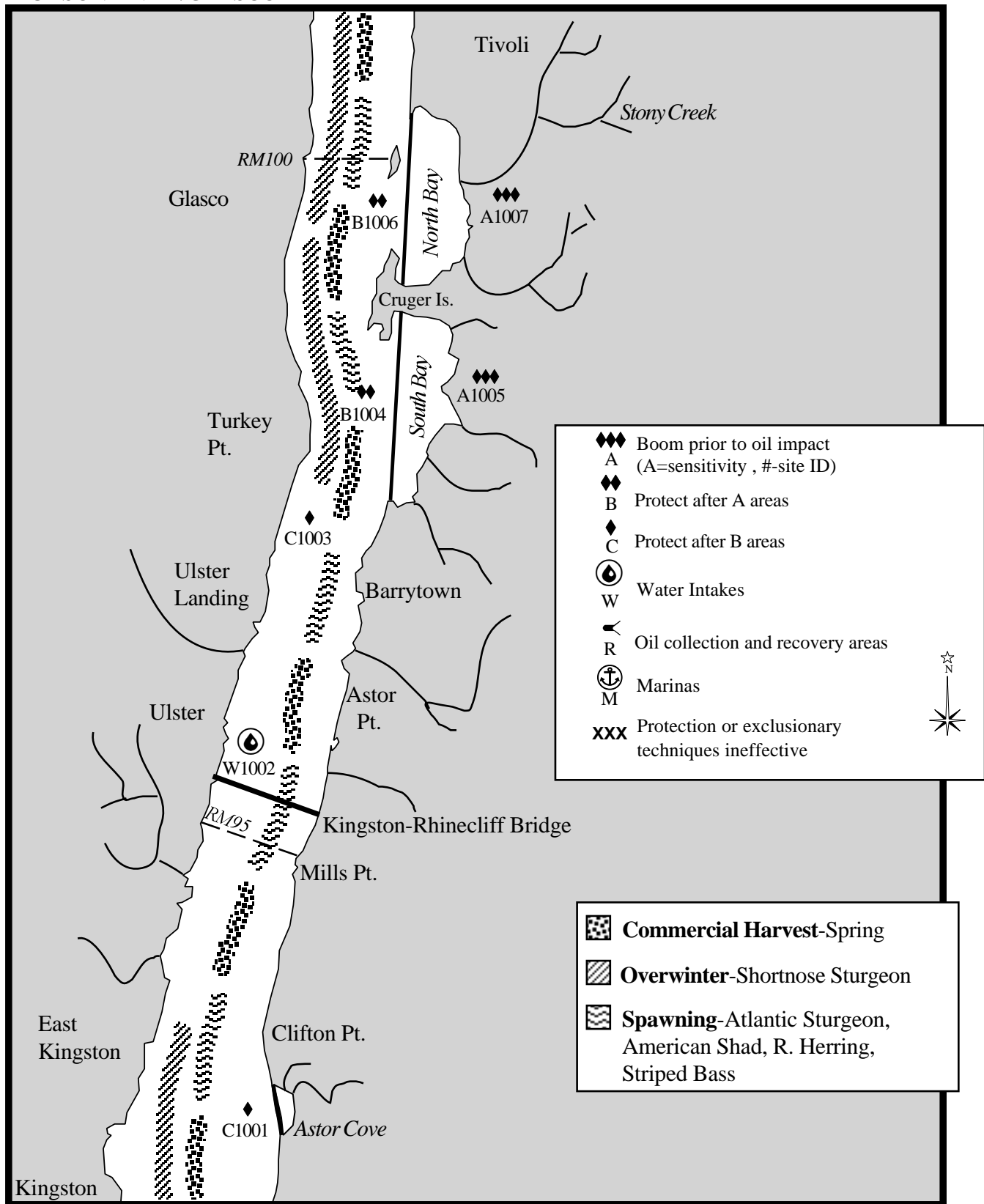
NOTES

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MAP 10 TO TAB B
HUDSON RIVER/GLASCO



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / GLASCO

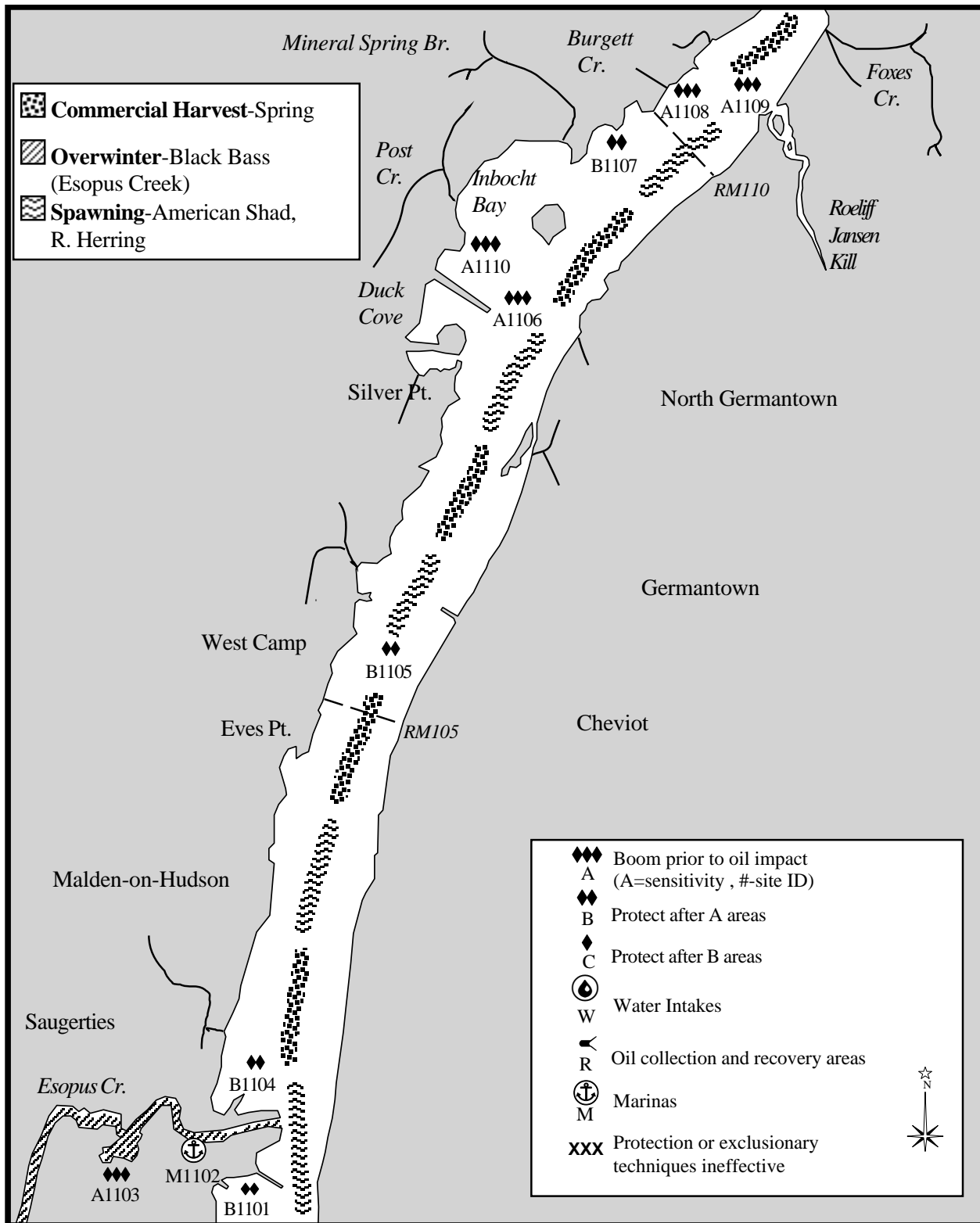
<i>SENSITIVE AREA MAP 10</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A1005	TIVOLI BAY SOUTH (EAST SHORELINE)	P	300		E	B
A1007	TIVOLI BAY NORTH (EAST SHORELINE)	P	400		E	
B1004	CRUGER ISLAND (SOUTH SIDE)	P	300		E	B
B1006	MAGDALEN ISLAND	D	2000		E	
C1001	ASTOR COVE	P	100			
C1003	TURKEY POINT				E	
W1002	ULSTER POINT WATER INTAKE				E	

NOTES

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Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / SAUGERTIES

<i>SENSITIVE AREA MAP 11</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A1103	ESOPUS CREEK	P	1000		E	B/V
A1104	ESOPUS CREEK MOUTH NORTH	P	6000		E	B
A1106	INBOCHT BAY AND DUCK COVE	D	3000		E	B/V
A1108	CREEK MOUTH CATSKILL MARSH	D/P	500		E	B
A1109	ROELIFF-JANSEN KILL MOUTH	P	1500		E	B/V
A1110	INBOCHT BAY	D	6000		E	B
B1101	ESOPUS CREEK MOUTH SOUTH	D/P	5000		E	B
B1105	HR GREEN & UPPER FLATS	D	300		E	B
B1107	GREEN POINT MARSH	D	2100		E	B
M1102	MARINAS	P	1000		\$	B/V

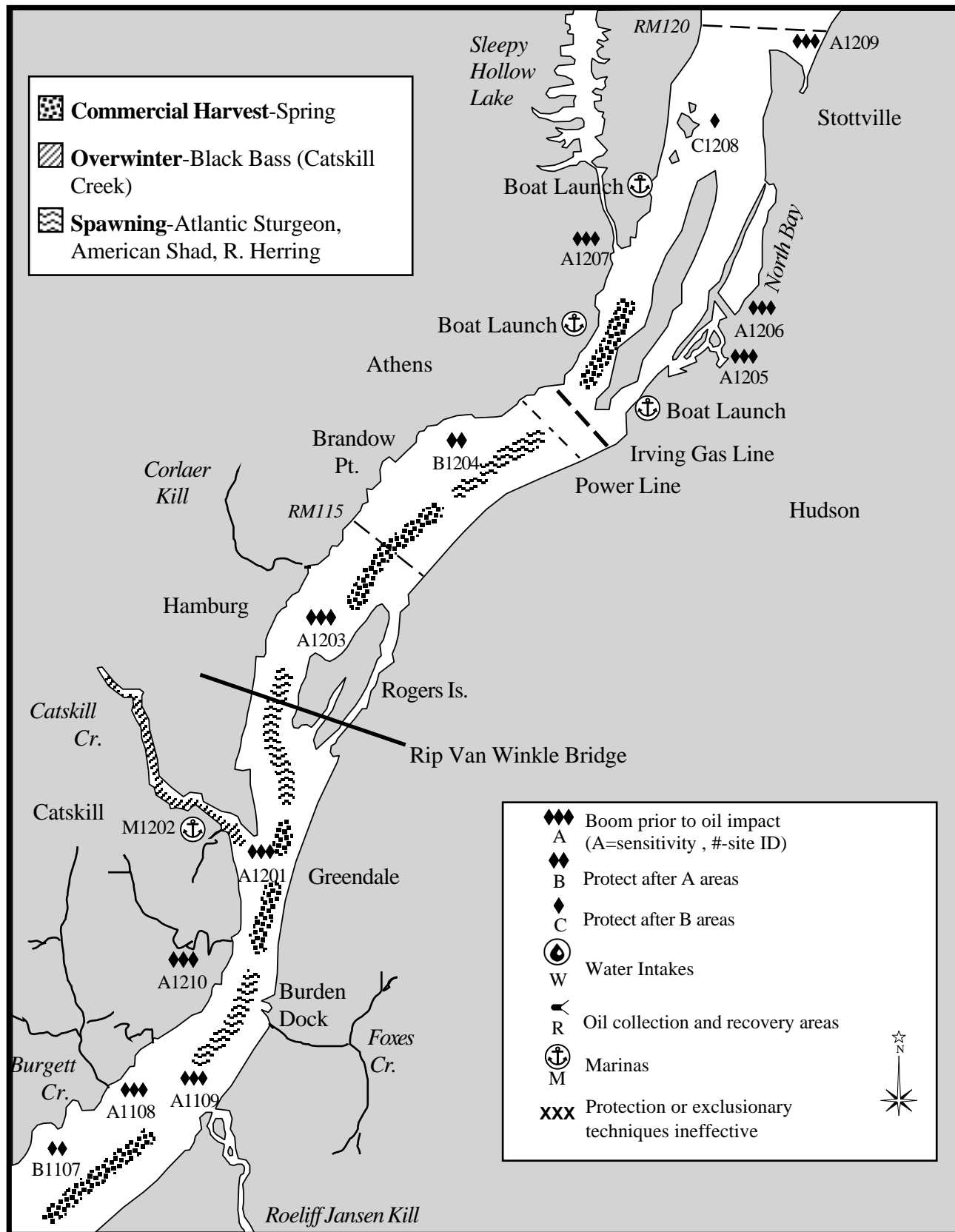
NOTES

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MAP 12 TO TAB B
HUDSON RIVER/HUDSON



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / HUDSON

<i>SENSITIVE AREA MAP 12</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A1108	BURGETT CREEK	P	500		E	B
A1109	ROELIFF-JANSEN KILL	P	1500		E	B/V
A1201	CATSKILL CREEK MOUTH	D	1200		E	B/V
A1203	ROGERS ISLAND WMA MARSHES	D	6000		E	B
A1205	HUDSON SOUTH BAY R/R OUTLET	P	300		E	B/V
A1206	HUDSON NORTH BAY R/R OUTLET	P	600		E	B
A1207	MURDERERS CREEK MOUTH	P	600		E	B
A1209	STOCKPOT MARSH, SOUTH SIDE	D	2000		E/\$	B
A1210	RAMS HORN CREEK	P	6000		E	B
B1107	GREENPOINT MARSH	D	2100		E	B
B1204	MARSH SOUTH OF ATHENS	D	9000		E	V
C1208	MARSH SOUTH OF FOURMILE POINT	D	3000			B/V
M1202	MARINAS	P	6000		\$	B/V

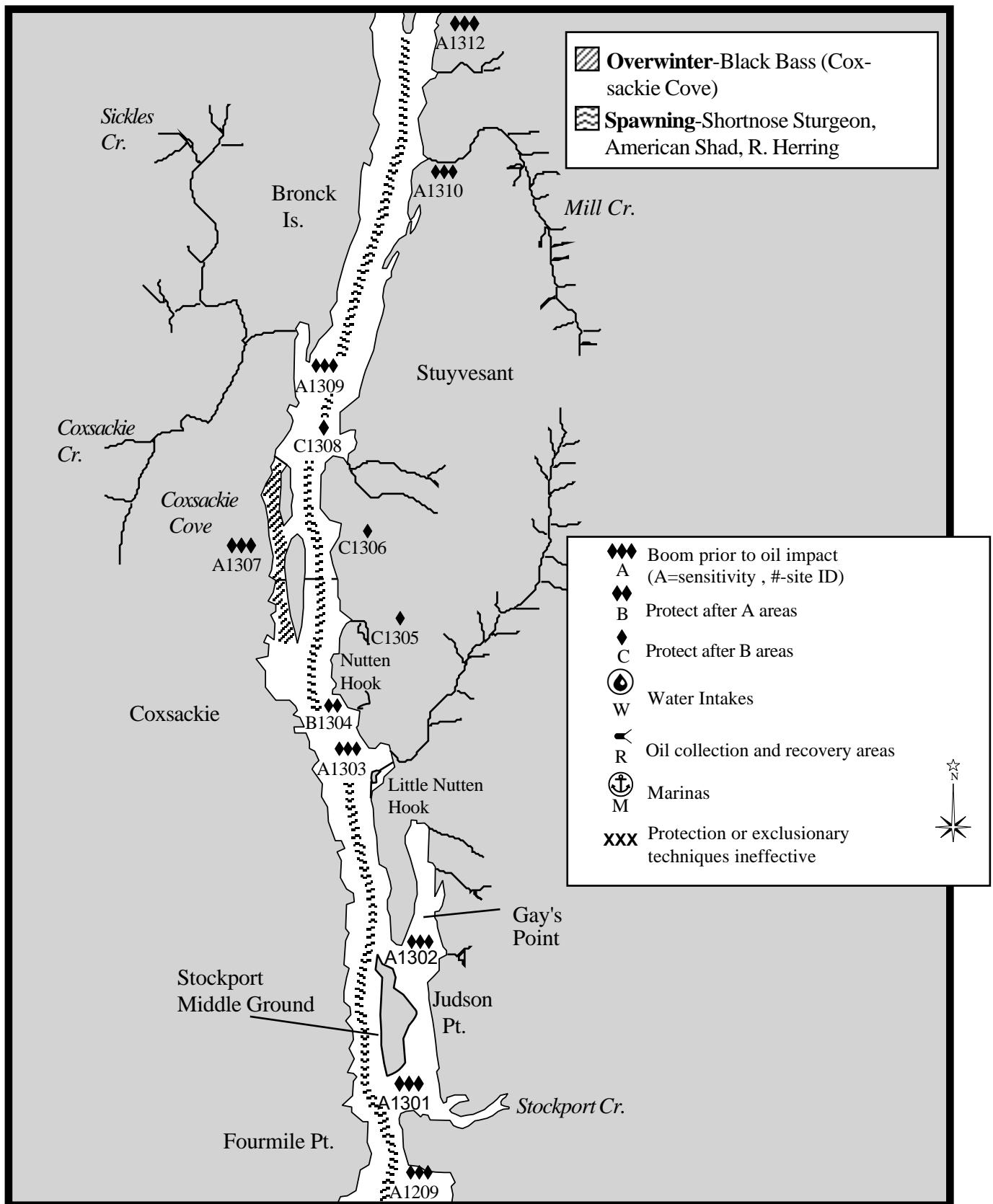
NOTES

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MAP 13 TO TAB B
HUDSON RIVER/COXSACKIE



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / COXSACKIE

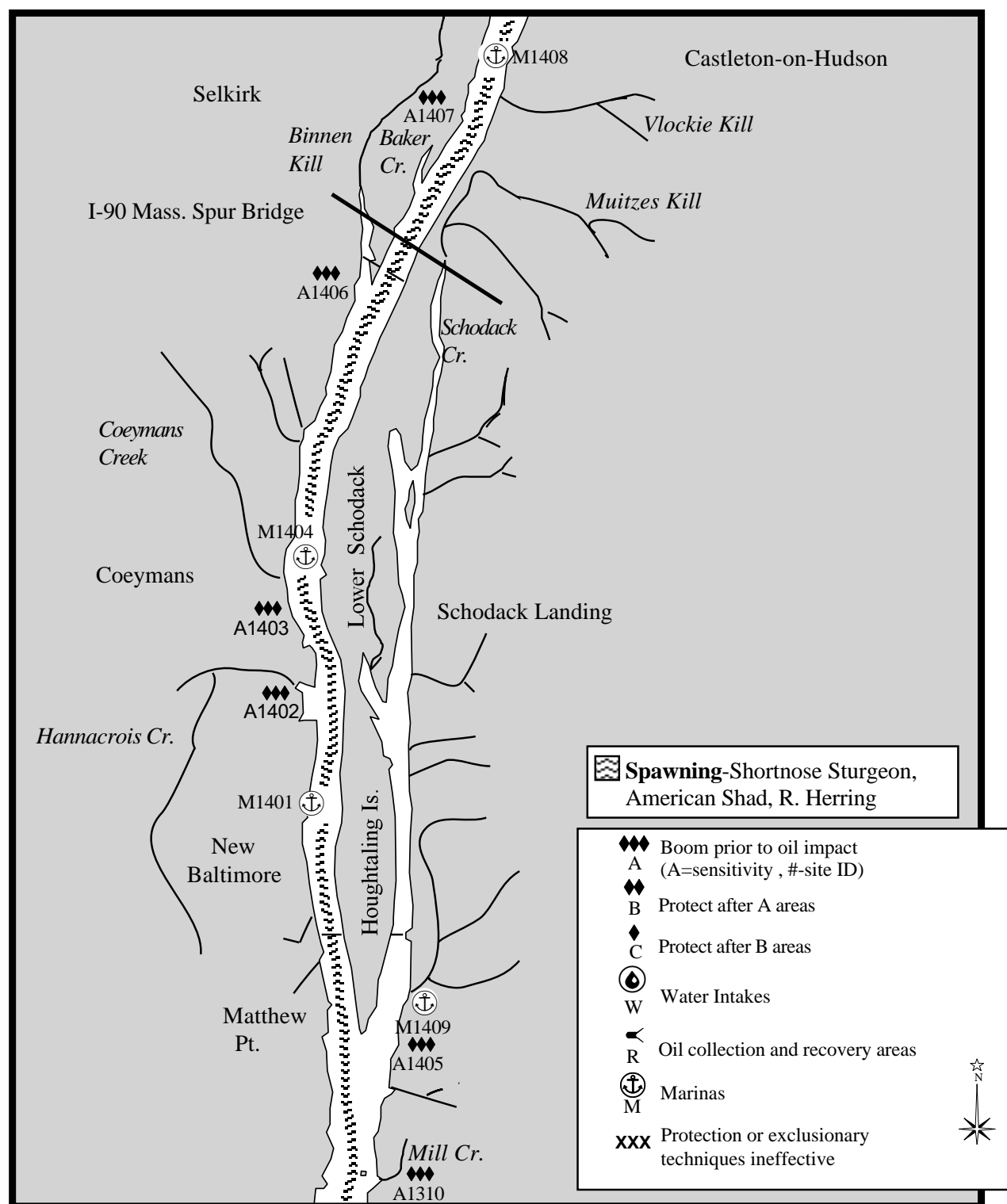
<i>SENSITIVE AREA MAP 13</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A1209	STOCKPORT MARSH	D	2000		E	B
A1301	STOCKPOT CREEK MOUTH	D/P	10900		E	V
A1302	MARSHES AT GAYS POINT				E	B
A1303	MOUTH LITTLE NUTTEN HOOK				E	B
A1307	COXSAKIE COVE	D/P	15000		E	B/V
A1309	COXSAKIE CREEK MOUTH				E	B/V
A1310	MILL CREEK MOUTH	P	150		E	B/V
A1312	SCHODACK CREEK MOUTH	D	6000			
B1304	MARSHES NUTTEN HOOK SANTUARY LAND				E	B/V
C1305	MARSHES NORTH OF NUTTEN HOOK	P	600		E	B/V
C1306	NORTH OF NUTTEN HOOK	D	3000		E	B/V
C1308	MARSHES SOUTH OF STUYVESANT				E	B
C1311	MARSHES OF SHODACK CREEK					
<i>NOTES</i>						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

MAP 14 TO TAB B
HUDSON RIVER/NEW BALTIMORE



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / NEW BALTIMORE

<i>SENSITIVE AREA MAP 14</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A1310	MILL CREEK MOUTH	P	150		E	B
A1312	SHODACK CREEK	D	6000		E	B
A1402	HANNACROIS CREEK BAY	P	600		E	B
A1403	COEYMAN'S CREEK MOUTH	P	200		E	B/V
A1405	SHODACK & HOUGHTTALING ISLAND				E	B/V
A1406	BINNEN KILL MOUTH	D	2400		E	B/V
A1407	BAKER CREEK MOUTH	P	500		E/\$	B
M1401	SHADY HARBOR	P	10000		\$	B/V
M1404	COEYMAN'S MARINA	D/P	4000		\$	B/V
M1408	CASTLETON BOAT CLUB	D/P	3000		\$	B/V
M1409						

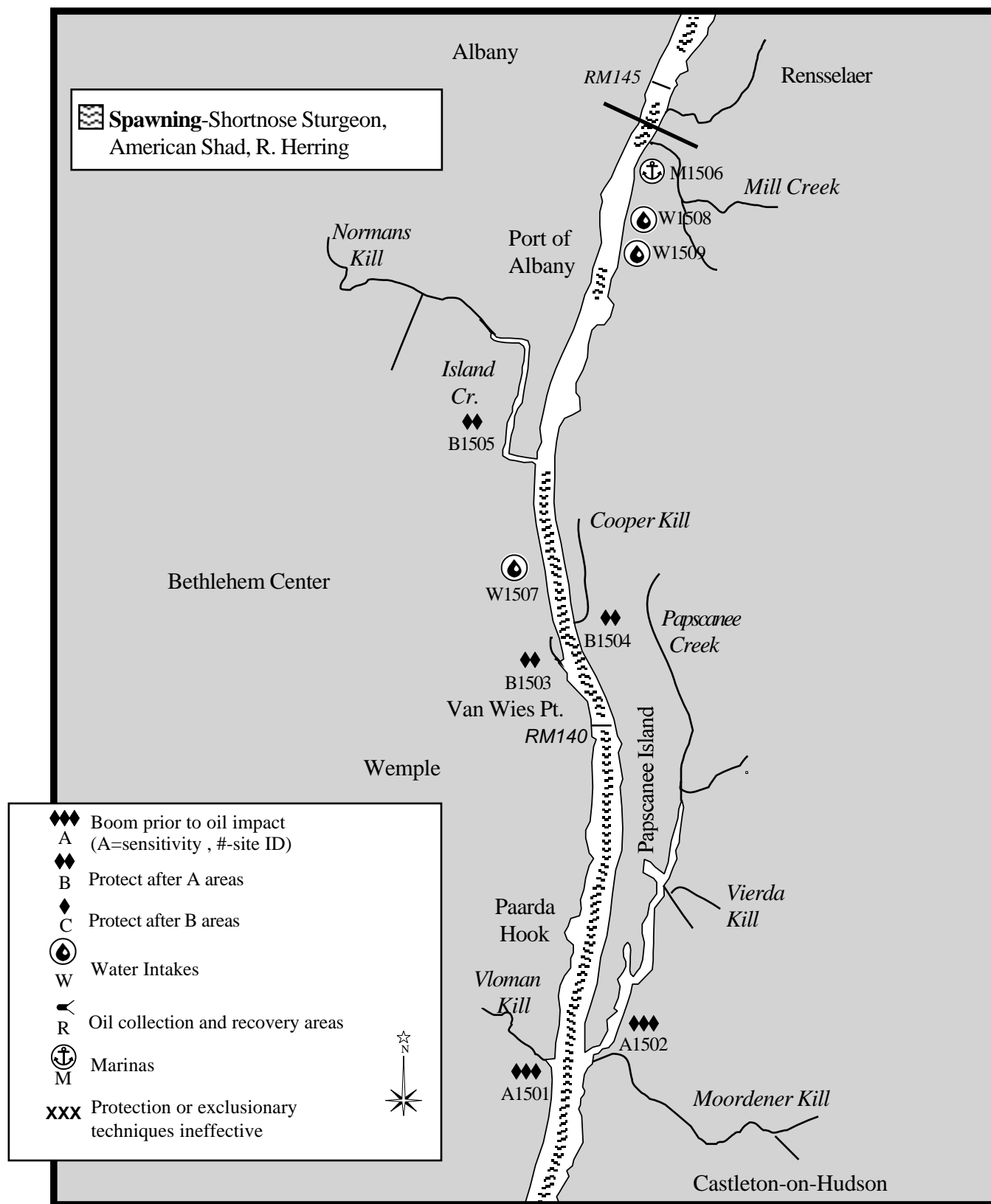
NOTES

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

MAP 15 TO TAB B
HUDSON RIVER/ALBANY



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

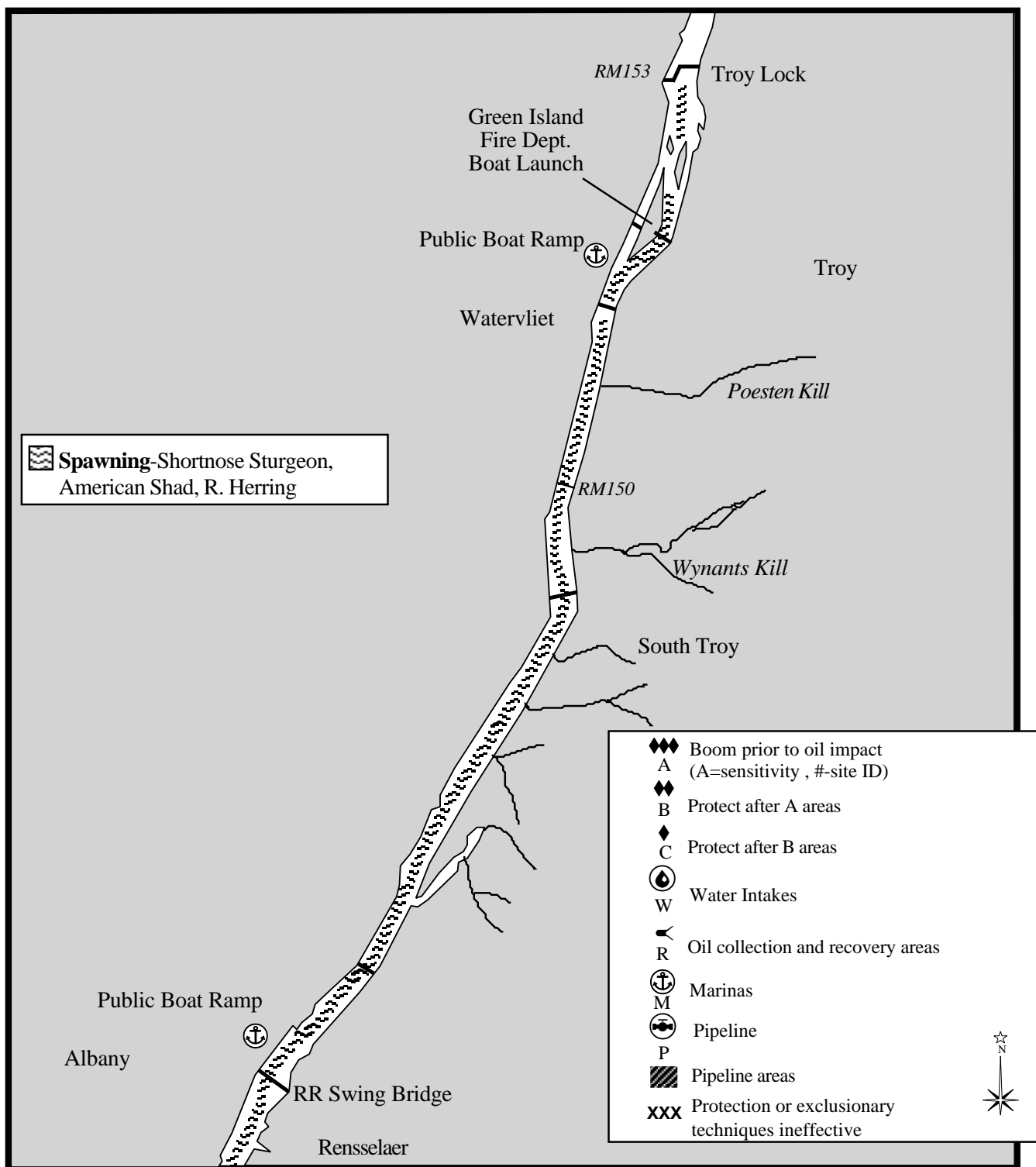
STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / ALBANY

SENSITIVE AREA MAP 15		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME					
A1501	VLOMAN KILL MOUTH	P	500		E	B/V
A1502	PAPSCANEE CREEK MOUTH	P	900		E	B/V
B1503	VAN WIES POINT	D			E	B
B1504	UNAMED MARSH NORTH OF VAN WIES POINT	P	500		E	B
B1505	ISLAND CREEK	P	400		E	B/V
M1506	ALBANY YACHT CLUB				\$	B/V
W1507	NIAGRA MOHAWK ALBANY STEAM STATION	D/P			\$	B/V
W1508	BASF				\$	B
W1509	NY-COMED	P/D			\$	B
NOTES						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE



Throughout the Hudson River there are many areas (i.e. marshes, creeks, and marinas) that have been designated as Environmentally Sensitive. The primary techniques employed on the Hudson River to protect these areas would be deflection and protection booming. The speed of the current does not allow for adequate collection booming.

STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER / TROY

<i>SENSITIVE AREA MAP 16</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					

NOTES

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

1. DESCRIPTION

- a. Island Park: Located north of Long Beach NY, this area is similar to neighboring Jamaica Bay and consists of a fairly large, shallow bay with numerous marshy islands and tidal flats. The shorelines along the perimeter of the bay are mostly developed, with the primary use being commercial/industrial and some recreational.
- b. Manhasset Bay: This area is situated along the southern side of Long Island sound and is characterized fairly shallow waters and near shore tidal flats. Numerous piers and groins extend out into the water and much of the shoreline is composed of rip-rap and bulkheads.

2. WATER CURRENTS: Currents within both areas are tidal induced and fairly low in velocity. Maximum current velocities average 0.5 knots at the entrance to Manhasset Bay and 0.6 knots in the Reynolds Channel near Island Park. Maximum velocities at the East Rockaway Inlet do, however, reach 2.3 knots.

3. SENSITIVE AREAS: Both Manhasset Bay and Island Park are considered sensitive areas with the latter being especially critical due to the presence of several marsh islands. Every effort should be made to prevent oil from entering channels, which lead deeper into the marshes. In Manhasset Bay the primary concern is to keep oil away from the tidal flats and the southern arm of the bay where oil may become trapped. The following information corresponds with Maps 1 and 2 of Long Island Sound. A strategy matrix for each area immediately follows the corresponding map.

MAP LEGEND***Priority Scale:***

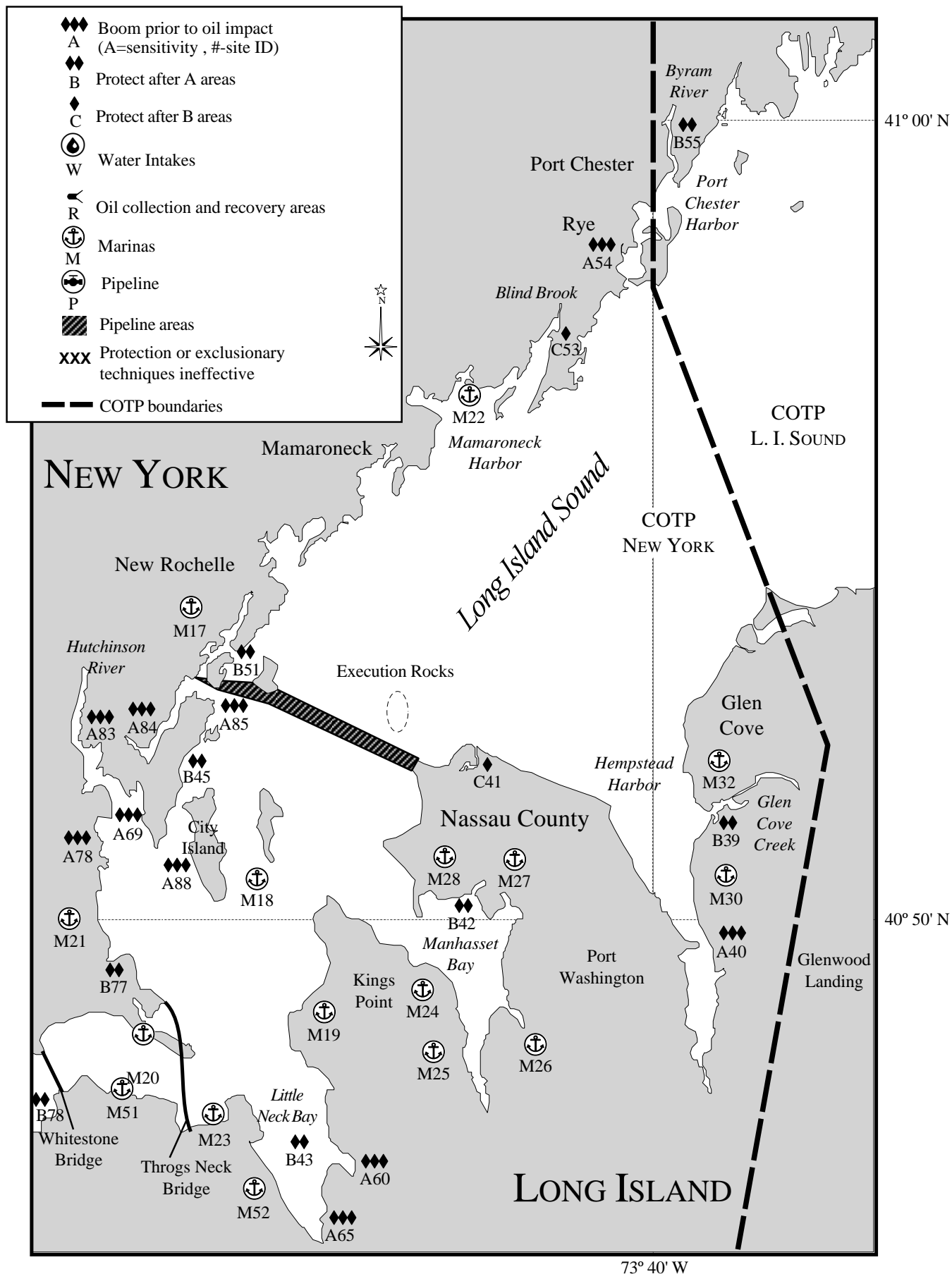
- A** = Boom prior to oil impact
- B** = Protect after **A** areas
- C** = Protect after **B** areas
- M** = Marinas
- R** = Oil collection and recovery area
- W** = Water Intake-boom prior to oil impact
- P** = Pipeline
- XXX** = Protection or exclusionary techniques ineffective

Booming Method:

- P** = Protection
- D** = Deflection
- R** = Recovery and Collection

- Maps:
- 1. Long Island Sound/COTP Boundary map and strategy matrix
 - 2. Western Long Island Sound map and strategy matrix

MAP 1 TO TAB C
LONG ISLAND SOUND/COTP BOUNDARY



STRATEGY MATRIX
REV: 20 NOV 98
LONG ISLAND SOUND COTP BOUNDARY

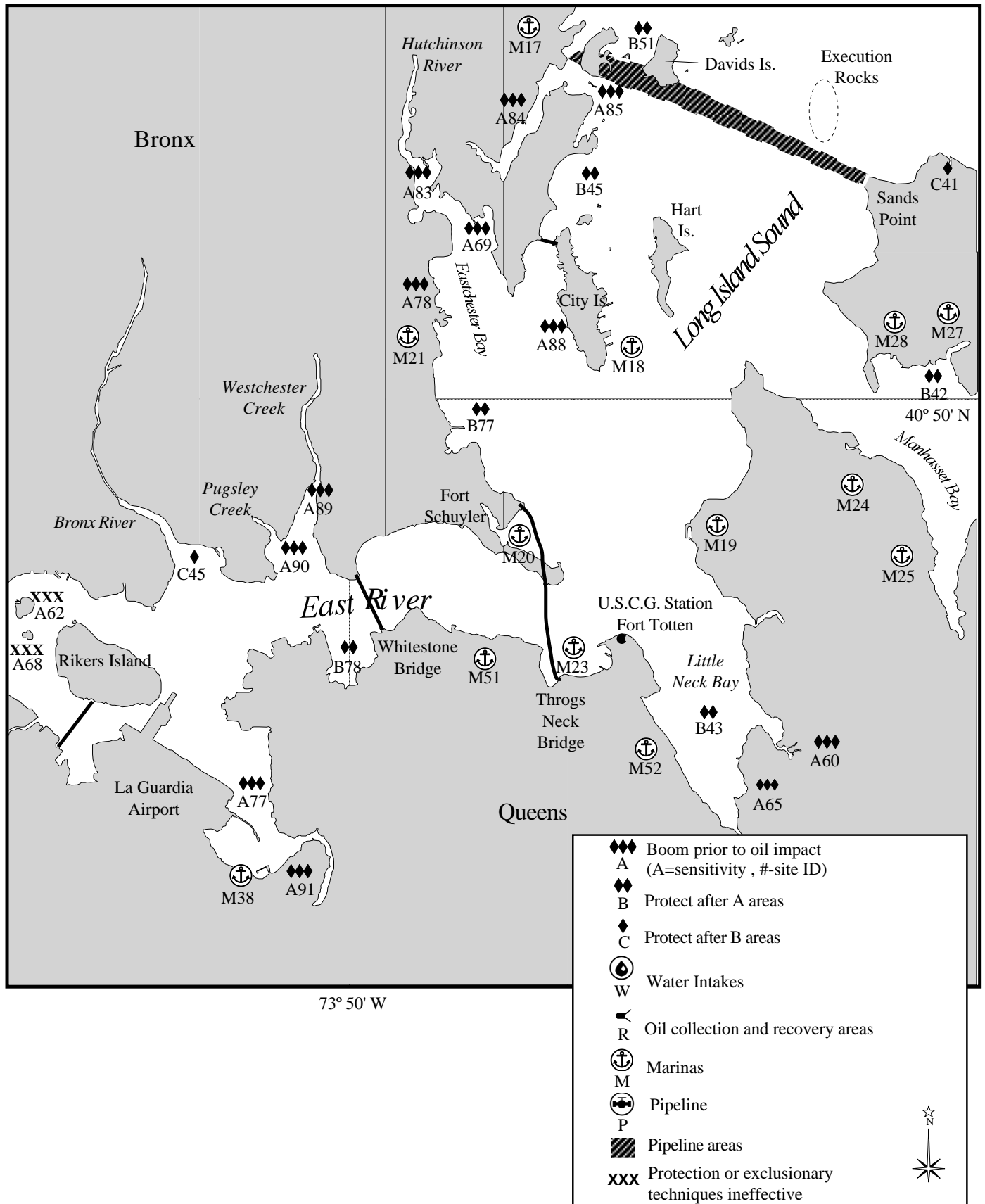
<i>SENSITIVE AREA MAP 1</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>		<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>						
A40	HEMPSTEAD HARBOR	P	800	BREWERS MARINA (M30) 516-671-5563		E	B
A54	RYE BEACH	P	800			E	B
A60	UDALL'S COVE	P	750	USCG STA FT. TOTTEN (M23) 718-352-4422		E	B
A65	ALLEY CREEK	P	200	USCG STA FT. TOTTEN (M23) 718-352-4422		E	B
A69	TURTLE CREEK	P		EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111		E	B
A78	PLAMER INLET	P	2400	EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111		E	B
A83	HUTCHINSON RIVER	P	1200			E	B
A84	PELHAM LAGOON	P	1600			E	B
A85	HUNTER & TWIN ISLAND	P	800	WRIGHT ISLAND MARINA (M17) 914-235-8013		E	B
A88	CITY ISLAND	P				E	B
B39	GLEN COVE CREEK	P	300	GLEN COVE MARINA 800-564-2683		E	B
B42	MANHASSET BAY	P	3600			E	B
B43	LITTLE NECK BAY	P	800	U.S. MARITIME ACADEMY (M19) 516-773-5232 (516-773-5770 NIGHT)		E	B
B45	ORCHARD BEACH	P	3300			E	B/V
B51	DAVENPORT NECK	P	400	WRIGHT ISLAND MARINA (M17) 914-235-8013		E	B
B55	BYRAM RIVER	P	300			E	B
B77	WIER CREEK	P		USCG STA FT. TOTTEN (M23) 718-352-4422		E	
B78	POWELL'S COVE	P				E	B/V
C41	EAST CREEK	P	200			E	B
C53	BLIND BROOK	P	500			E	B/V
M17	WRIGHT ISLAND MARINA	P	600	WRIGHT ISLAND MARINA (M17) 914-235-8013		\$	B
M18	CITY ISLAND HARBOR	P	2400	CITY ISLAND HARBOR (M18) 718-885-2487		\$	B/V
M19	U.S. MARITIME ACADEMY	P	1200	U.S. MARITIME ACADEMY (M19) 516-773-5232 (516-773-5770 NIGHT)		\$	B/V
M20	LOCUST POINT MARINA	P	1000	LOCUST POINT MARINA (M20) 718-822-7974 (718-822-8822 NIGHT)		\$	B/V
M21	EASTCHESTER MARINA	P	2000	EASTCHESTER MARINA (M21) 718-863-9111		\$	B/V
M22	MAMARONECK HARBOR	P	900	MARMONECK HARBOR (M22)		\$	B/V
M23	USCG STA FT. TOTTEN	P	100	USCG STA FT. TOTTEN (M23) 718-352-4422		\$	B/V
M24	BROADLAWN YACHT CLUB	P	900	BROADLAWN HARBOR YACHT CLUB (M24) 516-482-9793		\$	B/V
M25	SHELTER HARBOR	P	700	SHELTER HARBOR (M25) 516-482-9805		\$	B/V
M26	PORT WASHINGTON YACHT CLUB	P	900	PORT WASHINGTON YACHT CLUB (M26) 516-767-9749 (516-767-1614 NIGHT)		\$	B/V
M27	MANHASSET BAY MARINA	P	1000	MANHASSET BAY MARINA (M27) 516-883-8411		\$	B/V
M28	CAPRI MARINA WEST	P	1200	CAPRI MARINA WEST (M28) 516-944-3600		\$	B/V
M30	BREWERS MARINA	P	1200	BREWERS MARINA (M30) 516-671-5563		\$	B/V
M32	SOUND VIEW MARINA	P	800	SOUND VIEW MARINA (M32)		\$	B/V
M51	BEECHURST MARINA	P		BEECHURST MARINA (M51)		\$	B/V
M52	BAYSIDE MARIA	P		BAYSIDE MARIA (M52) 718-229-4575		\$	B/V
NOTES:							

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

MAP 2 TO TAB C
WEST LONG ISLAND SOUND



STRATEGY MATRIX
REV: 20 NOV 98
WEST LONG ISLAND SOUND/RIKERS ISLAND

<i>SENSITIVE AREA MAP 2</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>		<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>						
A60	UDALL'S COVE	P	750	USCG STA FT. TOTTEN (M23) 718-352-4422		E	B
A62	<i>*NORTH BROTHER ISLAND*</i>	P				E	B
A65	ALLEY CREEK	P	200	USCG STA FT. TOTTEN (M23) 718-352-4422		E	B
A68	<i>*SOUTH BROTHER ISLAND*</i>	P				E	
A69	TURTLE CREEK	P		EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111		E	B
A77	FLUSHING BAY	P	1200			E	
A78	PLAMER INET	P	2400			E	B
A83	HUTCHINSON RIVER	P	1200			E	B
A84	PELHAM LAGOON	P	1600			E	
A85	HUNTER AND TWIN ISLANDS	P	800	WRIGHT ISLAND MARINA (M17) 914-235-8013		E	
A88	CITY ISLAND	P				E	B/V
A89	WESTCHESTER CREEK	P	1500			E	B/V
A90	PUGSLEY CREEK	P	600			E	B
A91	FLUSHING CREEK	P	400			E	B/V
B42	MANHASSET BAY	P	3600	MANHASSET MARINA WEST (M27) 516-883-8411		E	B
B43	LITTLE NECK BAY	P	800	U.S. MARITIME ACADEMY (M19) 516-773-5232 (516-773-5770 NIGHT)		E	B
B45	ORCHARD BEACH	P	3300			E	B/V
B51	DAVENPORT NECK	P	400	WRIGHT ISLAND MARINA (M17) 914-235-8013		E	B
B77	WEIR CREEK	P				E	B
B78	POWELL'S COVE	P		USCG STA FT. TOTTEN (M23) 718-352-4422		E	B
C41	EAST CREEK	P	200			E	B
C45	BRONX RIVER	P	700			E	B
M17	WRIGHT ISLAND MARINA	P	600	WRIGHT ISLAND MARINA (M17) 914-235-8013		\$	B/V
M18	CITY ISLAND HARBOR	P	2400	CITY ISLAND HARBOR (M18) 718-885-2487		\$	B
M19	U.S. MARITIME ACADEMY	P	1200	U.S. MARITIME ACADEMY (M19) 516-773-5232 (516-773-5770 NIGHT)		\$	B/V
M20	LOCUST POINT MARINA	P	1000	LOCUST POINT MARINA (M20) 718-822-7974 (718-822-8822 NIGHT)		\$	B
M21	EVER SEAPLANE BASE AND MARINA	P	2000	EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111		\$	B/V
M23	USCG STA FT. TOTTEN	P	100	USCG STA FT. TOTTEN (M23) 718-352-4422		\$	B/V
M24	BROADLAWN HARBOR YACHT CLUB	P	900	BROADLAWN HARBOR YACHT CLUB (M24) 516-482-9793		\$	B/V
M25	SHELTER HARBOR	P	700	SHELTER HARBOR (M25) 516-482-9085		\$	B/V
M27	MANHASSET BAY MARINA	P	1000	MANHASSET BAY MARINA (M27) 516-883-8411		\$	B/V
M28	CAPRI MARINA WEST	P	1200	CAPRI MARINA WEST (M28) 516-944-3600		\$	B/V
M38	WORLDS FAIR MARINA	P	1000	WORLDS FAIR MARINA (M38) 718-478-0480		\$	B/V
M51	BEECHURST YACHT CLUB	P		BEECHURST YACHT CLUB (M51)		\$	B/V
M52	BAYSIDE MARINA	P		BAYSIDE MARINA (M52) 718-229-4575		\$	B/V
NOTES: <i>*FOR SENSITIVE AREAS A62 AND A68 DEFLECT OR RECOVER OIL BEFORE IMPACT*</i>							

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB D
HELL GATE

- References: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil- New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

- 1. DESCRIPTION:** The area described as Hell Gate encompasses the East River above LaGuardia Airport south to Roosevelt Island, and includes the Hutchinson River (Eastchester Creek), Westchester Creek, Flushing Bay, Eastchester Bay, and portions of Little Neck Bay. It is bounded to the east by Long Island Sound.

The waterway is moderately deep in the main channel becoming very shallow near the shoreline. Use of the shoreline is primarily recreational, although it is mostly lined with rip-rap and seawalls. A Listing of water intakes along this portion of the river can be found in reference (b).

- 2. WATER CURRENTS:** Currents in this area are tidal induced and considered fairly swift near LaGuardia Airport, but taper off in the sound. The maximum expected current velocity at College Point is 1.7 knots and 0.5 knots off City Island. The currents can reach nearly 5 knots at Hell Gate.

- 3. WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.

- 4. SENSITIVE AREAS:** There are several areas within Eastchester Bay and Long Island Sound that are considered very sensitive to spills and should receive top priority for protection and cleanup efforts in the event of a spill. These areas are:

- a. The Pelham Bay Park Wetlands: This area includes Hunter Island, Twin Islands and Pell Refuge and comprises over 600 acres of tidal wetlands, breeding shore birds and waterfowl. There are fall and spring migrations and overwintering adjacent to Orchard Beach. Goose Creek is a narrow inlet, which nourishes a significant section of the wetlands. This creek should be boomed.
- b. South Brother Island: This area contains a heronry and a cormorant colony.
- c. Eastchester Bay/Hutchinson River: This area contains shellfish, wintering waterfowl, significant fish production, spawning/nursery and the Pell Wildlife Refuge.
- d. Little Neck Bay: Contains Udall's Cove and Alley Pond Park which contain shellfish, striped bass and several other species.

The following information corresponds with Map 3 of Hell Gate. A strategy matrix for the area immediately follows the map.

MAP LEGEND

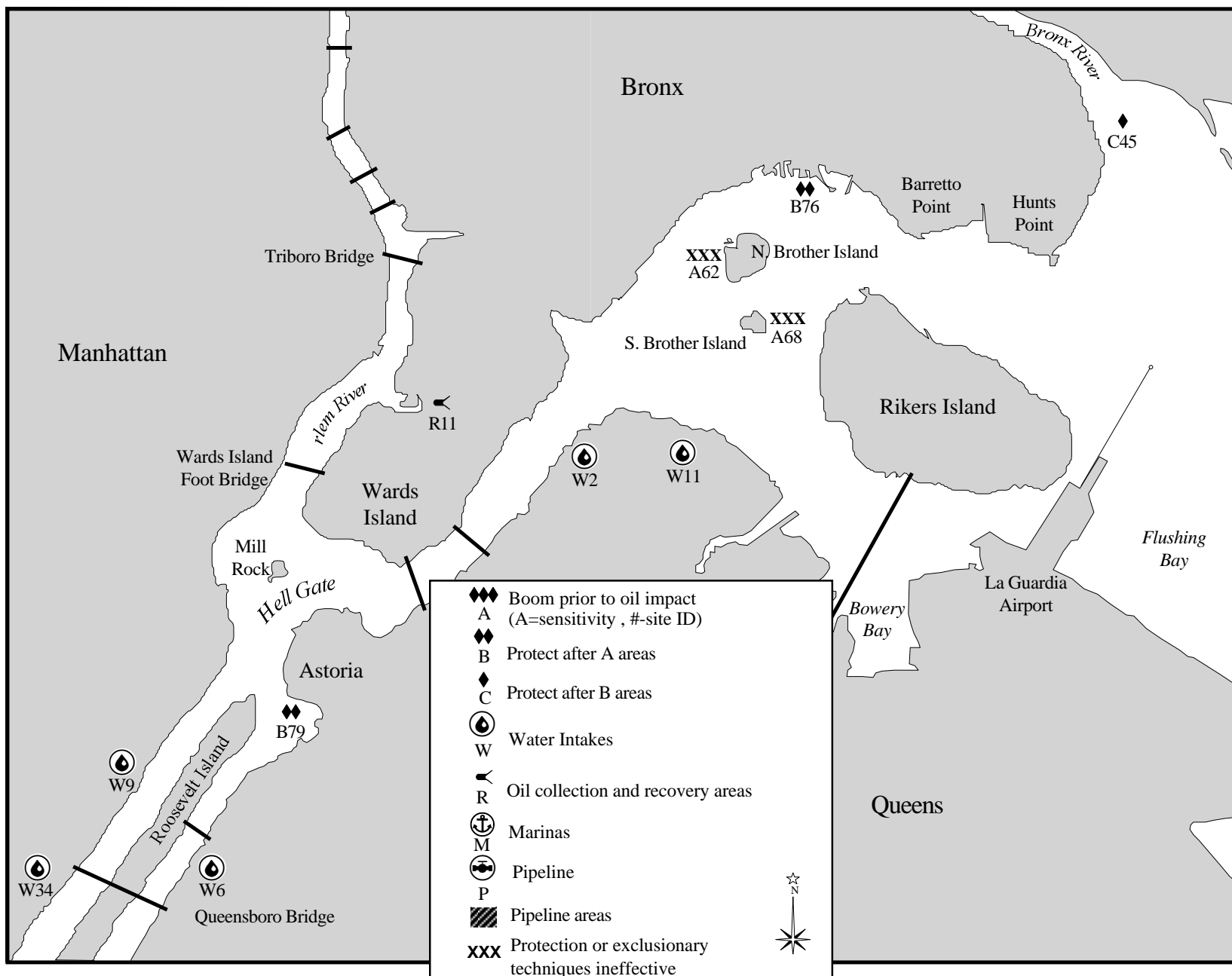
Priority Scale:

- A** = Boom prior to oil impact
- B** = Protect after **A** areas
- C** = Protect after **B** areas
- M** = Marinas
- R** = Oil collection and recovery area
- W** = Water Intake-boom prior to oil impact
- P** = Pipeline
- XXX** = Protection or exclusionary techniques ineffective

Booming Method:

- P** = Protection
- D** = Deflection
- R** = Recovery and Collection

Maps: 3. Hell Gate map and strategy matrix



STRATEGY MATRIX

REV: 20 NOV 98

HELL'S GATE

<i>SENSITIVE AREA MAP 3</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>		<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>						
A62	<i>*NORTH BROTHER ISLAND*</i>	P				E	B
A68	<i>*SOUTH BROTHER ISLAND*</i>	P				E	B
B76	OAK POINT RAIL SITE	P/D	500			\$	B/V
B79	HALLETS COVE	P				E	B
C45	BRONX RIVER	P	700			E	B
R11	WARDS ISLAND PSYCH HOSPITAL	R	1000			E	B/V
W2	CON EDISON ASTORIA 48'	P/D	1300			E/\$	
W6	CON-EDISON RAVENWOOD 20'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441		E/\$	B
W9	CON-EDISON 74 TH ST 20'	P/D	1300			E/\$	B/V
W11	PASNY ASTORIA STATION 20'	P/D	1300			E/\$	B/V
W34	CON-EDISON 60 TH ST 8'	P/D	1300	WRIGHT ISLAND MARINA (M17) 914-235-8013		E/\$	B/V
NOTES: <i>*FOR SENSITIVE AREAS A62 AND A68 DEFLECT OR RECOVER OIL BEFORE IMPACT*</i> <i>WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME</i>							

BOOMING METHOD

D = DEFLECT

P = PROTECT

R = RECOVER

IMPACT

E = ENVIRONMENTAL

\$ = ECONOMIC

ACCESS

B = BOAT

V = VEHICLE

TAB E

LOWER EAST RIVER

References: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

1. **DESCRIPTION:** This area includes the segment of the East River below LaGuardia Airport, the Harlem River and Newtown Creek. The East River is moderately shallow and narrow especially around Roosevelt, Ward, and Rikers Islands. The shoreline is largely industrial or commercial and lined with riprap, wharves, and docks. Several water intakes are located in the industrial areas in addition to intakes for the two major power plants located on opposite shores at the New York/Queens county line. A listing of these water intakes is contained in reference (b).
2. **WATER CURRENTS:** Currents in the Lower East River area are tidal induced and generally very strong. The currents can reach nearly 5 knots at Hell Gate and over 4 knots at the Brooklyn Bridge.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
4. **SENSITIVE AREAS:** The following information corresponds with Map 4 of the Lower East River. A strategy matrix for the area immediately follows the map.

MAP LEGEND

Priority Scale:

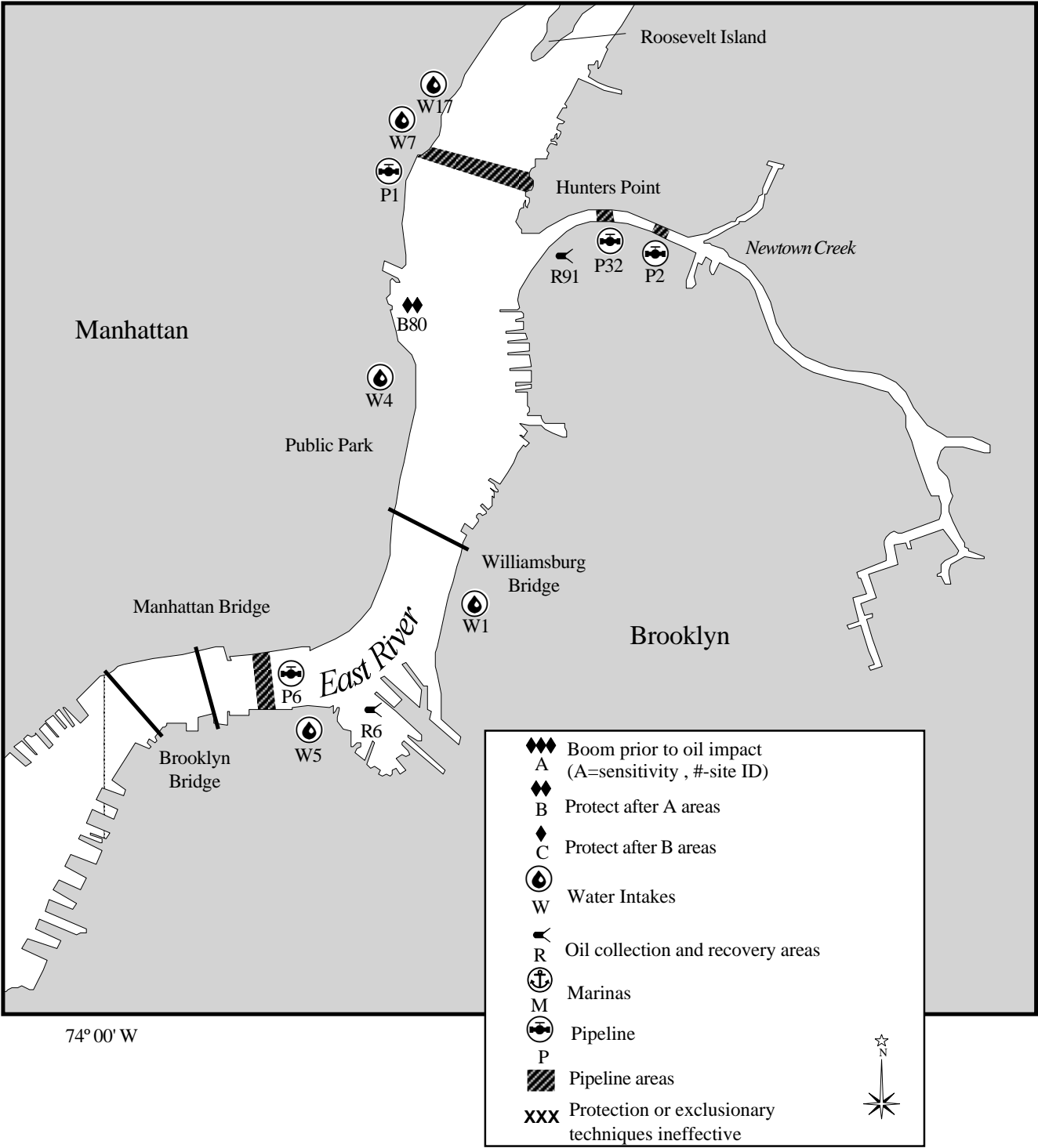
A = Boom prior to oil impact
B = Protect after **A** areas
C = Protect after **B** areas
M = Marinas
R = Oil collection and recovery area
W = Water Intake-boom prior to oil impact
P = Pipeline
XXX = Protection or exclusionary techniques ineffective

Booming Method:

P = Protection
D = Deflection
R = Recovery and Collection

Map: 4. Lower East River map and strategy matrix

MAP 4 TO TAB E
LOWER EAST RIVER



STRATEGY MATRIX
REV: 20 NOV 98
LOWER EAST RIVER

<i>SENSITIVE AREA MAP 4</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>		<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>						
B80	RIVERWALK COVE	P				E/\$	B/V
M36	SOUTH ST SEAPORT	P/D	3000	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441		\$	B/V
M37	SKYPORT INC MARINA	P/D	300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441		\$	B/V
P1	*CON-EDISION*	*	*	ELECTRICAL LINES 212-580-6763		\$	B
P2	*BROOKLYN UNION GAS*	*	*	24" GAS LINE 718-403-2921		\$	B
R6	WALLABOUT BAY (BROOKLYN NAVY YARD)	R	1500	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441		E	B/V
R91	NEWTOWN CREEK	P/R	1500	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441		E	B/V
W1	AMSTAR CORP 2 ND AND KENT ST 15'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441 N.Y.C. MARINE FIRE DEPT. 718-494-4269		\$	B/V
W4	CON-EDISON EAST RIVER 25'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441 N.Y.C. MARINE FIRE DEPT. 718-494-4269		E/\$	B
W5	CON-EDISON HUDSON AVE 20'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441		E/\$	B
W7	CON-EDISON WATERSIDE 20'	P/D	1300	SKYPORT INC MARINA (M37) 212-686-4548		E/\$	B
W17	UNITED NATIONS 9'	P/D	1700			E/\$	B/V

NOTES: ***WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME***

BOOMING METHOD

D = DEFLECT

P = PROTECT

R = RECOVER

IMPACT

E = ENVIRONMENTAL

\$ = ECONOMIC

ACCESS

B = BOAT

V = VEHICLE

TAB F

HUDSON RIVER, EDGEWATER/FORT LEE

References: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

1. **DESCRIPTION:** This area includes the Hudson River from Fort Lee in New Jersey and Washington Heights in Manhattan south to Hoboken in New Jersey. The shoreline on both the New Jersey and New York side is almost entirely commercial/industrial waterfront with docks, wharves, piers, breakwalls, and some marinas. The industrial nature of this part of the Hudson River and the concentrated residential population produce a number of water intakes located along the shoreline in this area. A complete listing of these water intakes is contained in reference (b).
2. **WATER CURRENTS:** Tidal currents prevail in this portion of the Hudson River and can be quite strong. Maximum predicted currents under normal conditions are as follows: 1.8 to 2.0 knots at flood tide, to 2.6 to 2.8 knots at ebb tide.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
4. **SENSITIVE AREAS:** The following information corresponds with Map 5 of the Hudson River, Edgewater/Fort Lee. A strategy matrix for the area immediately follows the Map.

MAP LEGEND

Priority Scale:

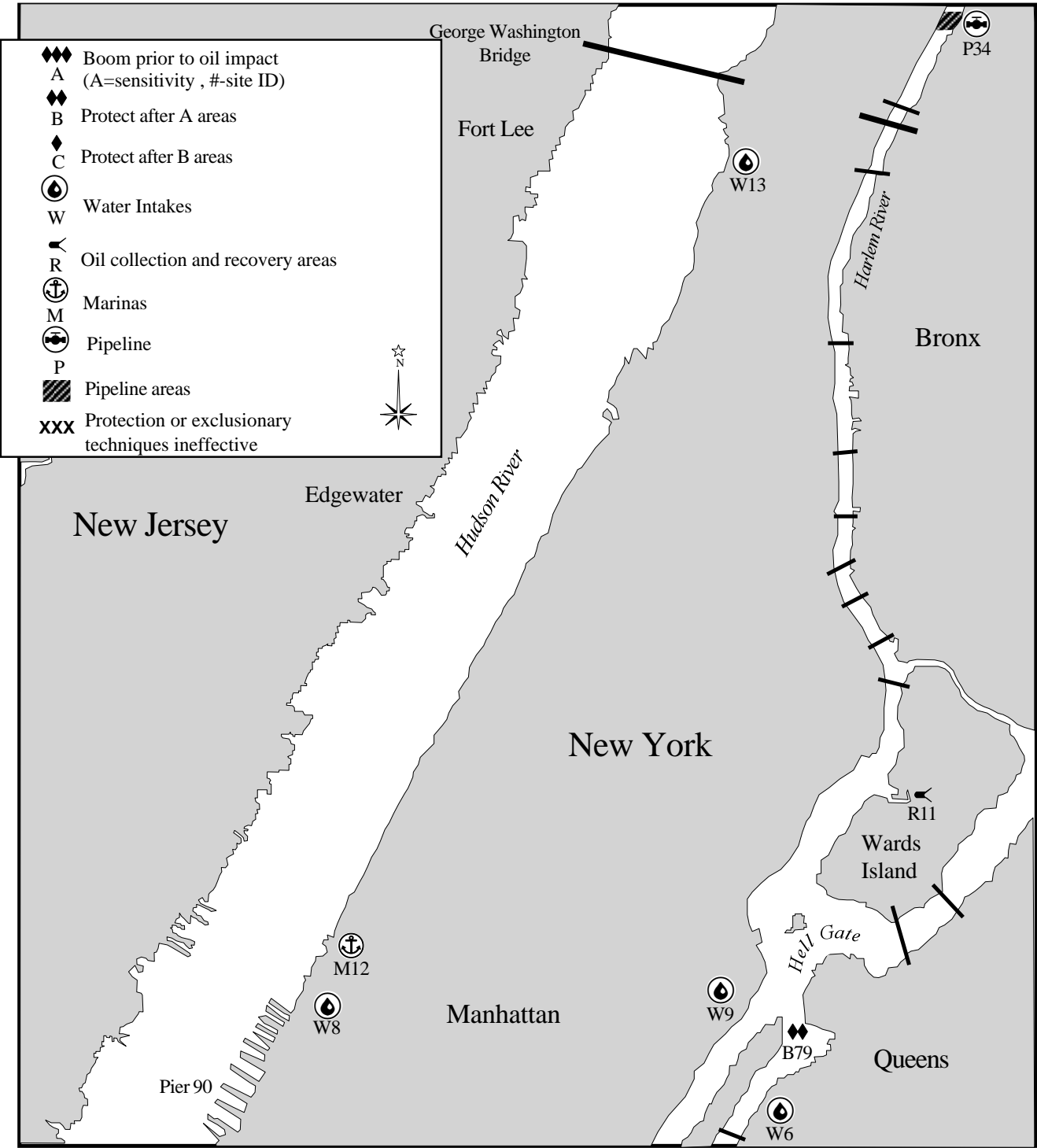
A = Boom prior to oil impact
B = Protect after **A** areas
C = Protect after **B** areas
M = Marinas
R = Oil collection and recovery area
W = Water Intake-boom prior to oil impact
P = Pipeline
XXX = Protection or exclusionary techniques ineffective

Booming Method:

P = Protection
D = Deflection
R = Recovery and Collection

Map: 5. Hudson River, Edgewater/Fort Lee map and strategy matrix

MAP 5 TO TAB F
HUDSON RIVER, EGDEWATER/FORT LEE



STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER/EDGEWATER/FORT LEE

<i>SENSITIVE AREA MAP 5</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
B79	HALLETS COVE	P			E	B
M12	79 TH ST BOAT BASIN	P	1000	PORT IMPERIAL MARINA (M11) 201-902-8787 (201-902-8811 NIGHT)	\$	B/V
R11	WARDS ISLAND PSYCH HOSPITAL	R	1000		\$	B/V
W6	CON-EDISON RAVENSWOOD 20'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	\$	B/V
W8	CON-EDISON 59 TH ST 25'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441 N.Y.C. MARINE FIRE DEPT. 718-494-4269	\$	B/V
W9	CON EDISON 74 TH ST 25'	P/D	1300		\$	B/V
W13	COLUMBIA MEDICAL CENTER	P/D	1300	PORT IMPERIAL MARINA (M11) 201-902-8787 (201-902-8811 NIGHT)	\$	B/V

NOTES: ***WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME***

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB G

HUDSON RIVER, HOBOKEN/JERSEY CITY

References: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

1. **DESCRIPTION:** This area includes the Hudson River from Weehawken in New Jersey and 42nd St in Manhattan south to where the Hudson empties into the Upper New York Bay. The shoreline on both the New Jersey and New York side is almost entirely commercial/industrial waterfront with docks, wharves, piers, breakwalls, and some marinas. Because of the industrial nature of this part of the Hudson River and the concentrated residential population a number of water intakes are located along the shoreline in this area. A complete listing of these water intakes is contained in reference (b).
2. **WATER CURRENTS:** Tidal currents prevail in this portion of the Hudson River and can be quite strong. Maximum predicted currents under normal conditions are as follows: 1.8 to 2.0 knots at flood tide, to 2.6 to 2.8 knots at ebb tide.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
4. **SENSITIVE AREAS:** The following information corresponds with Map 6 of the Hudson River, Hoboken/Jersey City. A strategy matrix for the area immediately follows the map.

MAP LEGEND

Priority Scale:

A = Boom prior to oil impact
B = Protect after **A** areas
C = Protect after **B** areas
M = Marinas
R = Oil collection and recovery area
W = Water Intake-boom prior to oil impact
P = Pipeline
XXX = Protection or exclusionary techniques ineffective

Booming Method:

P = Protection
D = Deflection
R = Recovery and Collection

Map: 6. Hudson River, Hoboken/Jersey City map and strategy matrix

MAP 6 TO TAB G
HUDSON RIVER, HOBOKEN/JERSEY CITY



STRATEGY MATRIX
REV: 20 NOV 98
HUDSON RIVER/JERSEY CITY/HOBOKEN

<i>SENSITIVE AREA MAP 6</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
B67	ELLIS ISLAND	P/D	6000	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	E/\$	B/V
M4	NORTH COVE YACHT CLUB	P	500	NORTH COVE YACHT CLUB (M4) 212-938-9000	\$	B/V
M7	LIBERTY HARBOR MARINA	P/D	300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	B/V
M8	NEWPORT YACHT CLUB	P/D	300	NEWPORT YACHT CLUB (M8) 201-626-5550 (718-885-0617 NIGHTS UNTIL OCT 15)	\$	B/V
M10	LINCOLN HARBOR MARINA	P/D	800	LINCOLN HARBOR MARINA (M10) 201-319-5100	\$	B/V
M11	PORT IMPERIAL MARINA	P/D	2000	PORT IMPERIAL MARINA (M11) 201-902-8787 (201-902-8811 NIGHT)	\$	B/V
M36	SOUTH ST SEAPORT	P/D	3000	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	\$	B/V
P3	*NYNEX TELEPHONE LINES*	*	*	TELEPHONE LINES	\$	B
P4	*CON-EDISON*	*	*	ELECTRIC POWER LINES 212-580-6763	\$	B
R10	PIER 86 MANHATTAN	R	2800		\$	B/V
W10	WORLD TRADE CENTER 10'	P/D	1300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	B
W15	ONE NEW YORK PLAZA 9'	P/D	1300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	B
W16	OLYMPIA & YORK (BATTERY PARK) 20'	P/D	1300	USCG LICENSING AND EXAMS BRANCH 212-668-4970	\$	B

NOTES: ***WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME***

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB H

UPPER NEW YORK BAY

Reference: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

1. **DESCRIPTION:** Upper New York Bay is fairly large with moderate water flow. It abuts the Lower New York Bay to the south, Kill Van Kull to the west and the Hudson and East rivers to the north. The shoreline is almost entirely commercial/industrial waterfront with wharves, docks, few marinas and a rip-rap where no construction exists. Because of the industrial nature of this part of the port and the concentrated residential population numerous water intakes are located along the shoreline in this area. A complete listing of these water intakes is contained in reference (b).
2. **WATER CURRENTS:** Tidal currents prevail in Upper New York Bay and can be quite strong at times. Maximum predicted currents under normal conditions are: 2.4 knots at Stapleton, 2.6 knots off the Battery and Governors Island, and 1.6 knots off the Erie Docks.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
4. **SENSITIVE AREAS:** The areas within Upper New York Bay that may be considered sensitive are: Liberty Island and Ellis Island National Parks, and Liberty State Park. The following information corresponds with Map 7 of Upper New York Bay. A strategy matrix for this area immediately follows the map.

MAP LEGEND

Priority Scale:

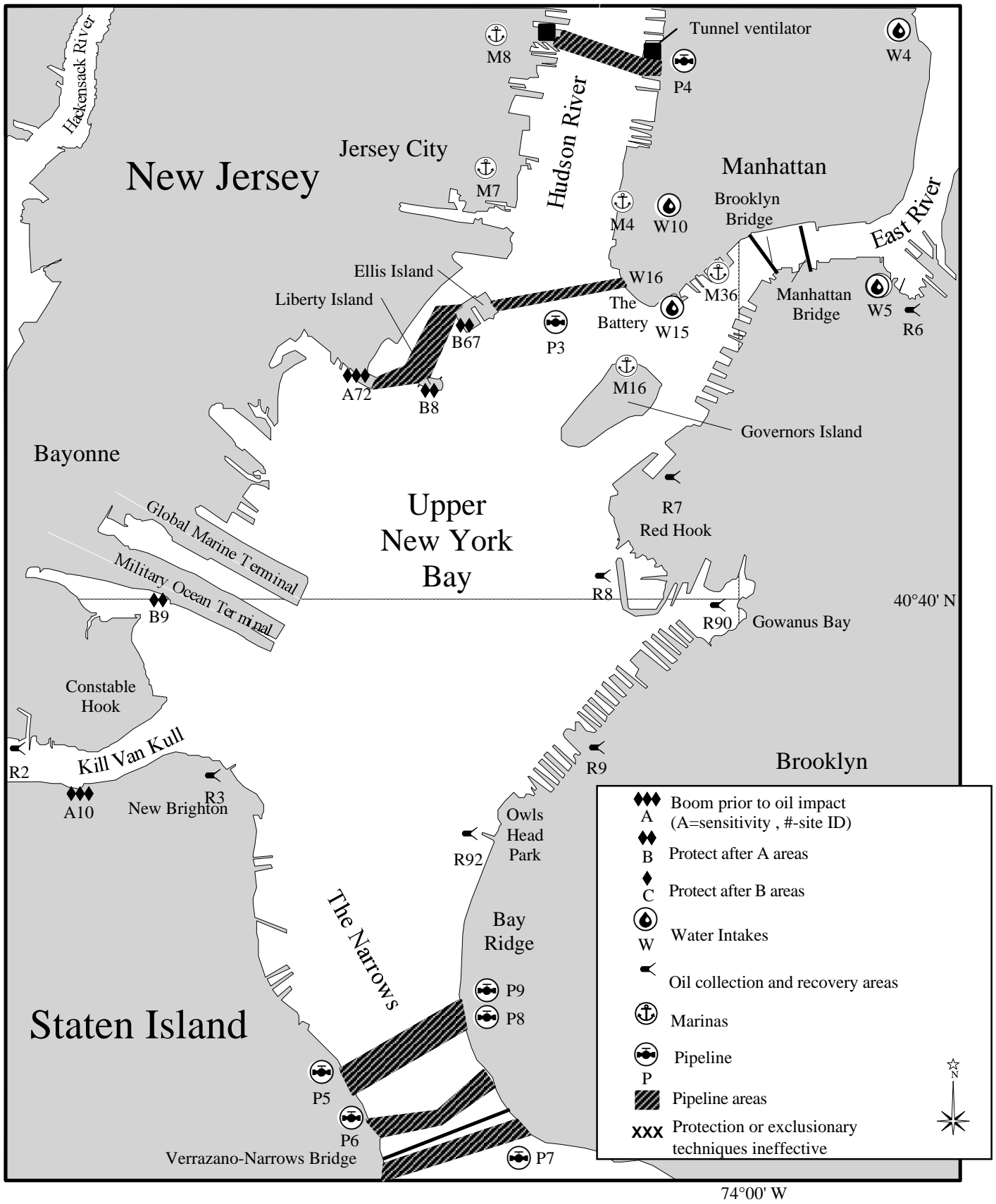
- A** = Boom prior to oil impact
B = Protect after **A** areas
C = Protect after **B** areas
M = Marinas
R = Oil collection and recovery area
W = Water Intake-boom prior to oil impact
P = Pipeline
XXX = Protection or exclusionary techniques ineffective

Booming Method:

- P** = Protection
D = Deflection
R = Recovery and Collection

Map: 7. Upper New York Bay map and strategy matrix

MAP 7 TO TAB H
UPPER NEW YORK BAY



STRATEGY MATRIX
REV: 20 NOV 98
UPPER NEW YORK BAY

<i>SENSITIVE AREA MAP 7</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A72	LIBERTY STATE PARK	P/D	3500	LIBERTY STATE PARK (A72) 718-243-0199	E/\$	B/V
B8	LIBERTY ISLAND	P/D	4500	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	E/\$	B
B9	MOTBY	P/D/R	5000	MOTBY (B9) 201-451-1000 (908-221-1938 NIGHT)	E/\$	B/V
B67	ELLIS ISLAND	P/D/R	6000	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	E/\$	B
M4	NORTH COVE YACHT CLUB	P	500	NORTH COVE YACHT CLUB (M4) 212-938-9000	\$	B/V
M7	LIBERTY HARBOR MARINA	P/D	300		\$	B/V
M8	NEWPORT YACHT CLUB	P/D	300	NEWPORT YACHT CLUB (M8) 201-626-5550 (718-885-0617 NIGHT)	\$	B/V
M16	GOVENORS ISLAND INDUSTRIAL YARD	P/R	700	GOVENORS ISLAND INDUSTRIAL YARD (M16) 212-668-7936	\$	B./V
M36	SOUTH ST SEAPORT	P/D	3000	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	\$	B/V
P3	*NYNEX TELEPHONE LINES*	*	*	TELEPHONE LINES	\$	B
P4	*CON-EDISON*	*	*	ELECTRIC POWER LINES 212-580-6763	\$	B
P5	*CON EDISON*	*	*	OIL STATIC LINE 212-580-6763	\$	B
P6	*CON EDISON*	*	*	THREE 24" GAS/ELECTRIC LINES 212-580-6763	\$	B
P7	*BUCKEYE PIPELINE CO*.	*	*	10" GAS LINE 718-656-5746	\$	B
P8	*BROOKLYN UNION GAS*	*	*	TWO 24" GAS LINES 718-403-2921	\$	B
P9	*TRANSCONTINENTAL GAS*	*	*	24" NATURAL GAS LINE 908-862-8600	\$	B
R2	AMERADA HESS	R	900		\$	B/V
R3	ST GEORGE FUEL PIER	R	1000		\$	B
R6	WALLABOUT BAY (BROOKLYN NAVY YARD)	R	1500	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	E/\$	B/V
R7	ATLANTIC BASIN	R	1500		E	B
R8	ERIE BASIN	R	300	RED HOOK MARINE TERMINAL 718-875-0777	E	B
R9	CON-EDISON NARROWS	R			\$	B
R90	GOWANUS CANAL	P/R	1800	RED HOOK MARINE TERMINAL 718-875-0777	E	B
R92	OWLS HEAD PARK (CONCERT BLOCKS)	P/R	1000	PIER 69 BROOKLYN	E	B./V
W4	CON-EDISION EAST RIVER	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	\$	B/V
W5	CON-EDISON HUDSON AVE 20'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441 N.Y.C. MARINE FIRE DEPT. 718-494-4269	\$	B
W10	WORLD TRADE CENTER 10'	P/D	1300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	B
W15	ONE NEW YORK PLAZA 9'	P/D	1300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	
W16	OLYMPIA & YORK (BATTERY PARK) 20'	P/D	1300	USCG LICENSING AND EXAMS BRANCH 212-668-4970	\$	B
NOTES: <i>WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME DO NOT ANCHOR AROUND PIPELINE AREAS</i>						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB I
NEWARK BAY, PASSAIC AND HACKENSACK RIVERS

Reference: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River

- 1. DESCRIPTION:** This area consists of Newark Bay and the navigable portions of the Hackensack and Passaic rivers. Newark Bay is fairly small and moderately shallow with rip-rap and industrial development comprising the majority of the bay shoreline and the Passaic River. Extensive wetlands border the Hackensack River above Jersey City. Use of the shoreline areas is predominately industrial/commercial except for one marina and the Hackensack wetlands.
- 2. WATER CURRENTS:** Currents in Newark Bay and the lower portions of the Hackensack and Passaic rivers are strongly influenced by tides, but are also affected somewhat by runoff from rain and melting snow. Currents in the bay itself are low to moderate; the maximum expected velocity is 1.8 knots.
- 3. SENSITIVE AREAS:** Within the Newark Bay area the Hackensack wetlands, Shooters Island and Elizabeth Port Flats (adjacent to the Singer plant) are considered sensitive to oil spills and should be first priority for protection and cleanup measures in the event of a spill. The following information corresponds with Map 8 of Newark Bay, Passaic and Hackensack Rivers. A strategy matrix for the area immediately follows the map.

MAP LEGEND

Priority Scale:

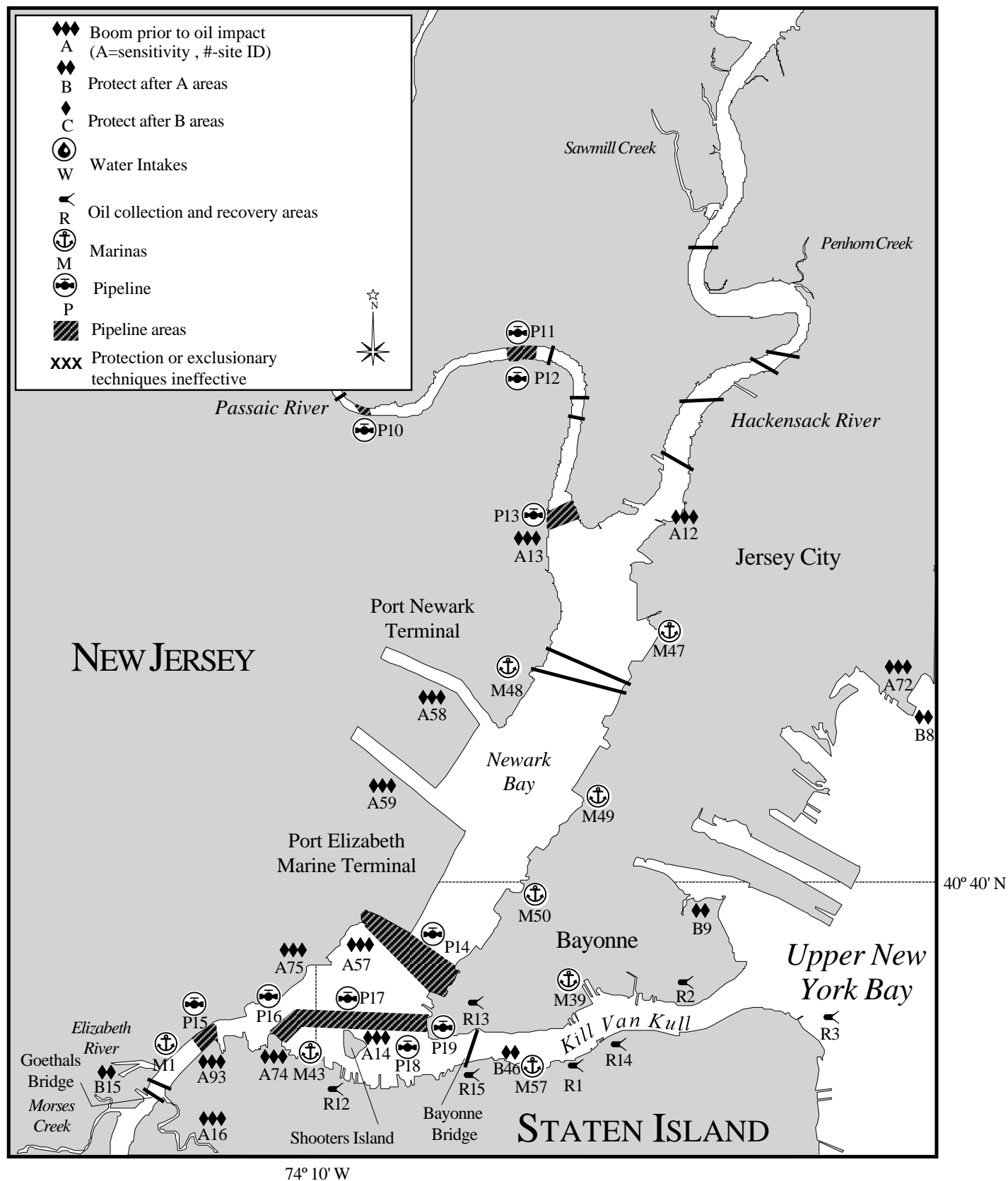
A = Boom prior to oil impact
B = Protect after **A** areas
C = Protect after **B** areas
M = Marinas
R = Oil collection and recovery area
W = Water Intake-boom prior to oil impact
P = Pipeline
XXX = Protection or exclusionary techniques ineffective

Booming Method:

P = Protection
D = Deflection
R = Recovery and Collection

Map: 8. Newark Bay, Passaic and Hackensack Rivers map and strategy matrix

MAP 8 TO TAB I
NEWARK BAY, PASSAIC AND HACKENSACK RIVERS



STRATEGY MATRIX
REV: 20 NOV 98
NEWARK BAY/PASSAIC AND HACKENSACK RIVERS

SENSITIVE AREA MAP 8		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME					
A12	HACKENSACK RIVER	P/D/R	5000	ROANOKE YACHT CLUB (M48) 973-344-9379	E/\$	B/V
A13	PASSAIC RIVER	P/D/R	3500	ROANOKE YACHT CLUB (M48) 973-344-9379	E/\$	B/V
A14	SHOOTERS ISLAND	P	8000	PORT AUTHORITY BEACH, STATEN ISLAND	E	B
A16	OLD PLACE CREEK	P	1500	ELIZABETH MARINA (M1) 908-828-4296	E	B/V
A57	SINGER FLAT	P/D	3500	ELIZABETH MARINA (M1) 908-828-4296	E/\$	B/V
A58	PORT NEWARK CHANNEL	P/D	800	PORT NEWARK FACE PIER	E/\$	B/V
A59	PORT ELIZABETH CHANNEL	P/D	1000	PORT NEWARK FACE PIER	E/\$	B/V
A72	LIBERTY STATE PARK	P/D	3500	LIBERTY STATE PARK (A72) 718-243-0199	E/\$	B/V
A74	MARINERS MARSH	P/D	650		E	B
A75	SLATER PARK	P/D	300		E	B/V
A93	BRIDGE CREEK	P		ELIZABETH MARINA (M1) 908-828-4296	E	B
B8	LIBERTY ISLAND	P/D	4500	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	E/\$	B
B9	MOTBY	P/D/R	5000	MOTBY (B9) 201-823-5111	E/\$	B/V
B15	ELIZABETH RIVER			ELIZABETH MARINA (M1) 908-828-4296	E/\$	B/V
B46	BODINE CREEK	P		MARINE POWER AND LIGHT (M57) 718-442-8018	E	B/V
M1	ELIZABETH MARINA	P/D	500	ELIZABETH MARINA (M1) 908-828-4296	\$	B/V
M39	ATLAS YACHT CLUB	P	300	ATLAS YACHT CLUB (M39) 201-858-9605	\$	B
M43	STATEN ISLAND MARINA	P		STATEN ISLAND MARINA (M43) 718-442-8018	\$	B/V
M47	ROOSEVELT MARINA			ROOSEVELT MARINA (M47) 201-435-3864	\$	B/V
M48	ROANOKE YACHT CLUB	P	500	ROANOKE YACHT CLUB (M48) 201-344-9397	\$	B/V
M49	ELCO MARINA	P	1000	ELCO MARINA (M49) 201-437-2355 (201-238-6965 NIGHT)	\$	B/V
M50	ROBBINS REEF MARINA	P		ROBBINS REEF MARINA (M50) 201-858-6172	\$	B/V
M57	MARINE POWER AND LIGHT			MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B/V
P10	*PSE&G*	*	*	TWO 20" NATURAL GAS LINES	\$	B
P11	*TRANSCONTINENTAL GAS*	*	*	24" NATURAL GAS 908-862-8600	\$	B
P12	*PSE&G*	*	*	16" & 30" NATURAL GAS LINES 201-430-5075 OR 800-448-7046	\$	B
P13	*RSL CONSULTING ENGINEERS P.C.*	*	*	SANITARY SEWER 201-465-5376	\$	B
P14	*TEXAS EASTERN*	*	*	GAS 800-231-7794	\$	B
P15	*COLONIAL PIPELINE*	*	*	LPG 404-261-1471	\$	B
P16	*EXXON CO*	*	*	TWO 8" & ONE 12" PETROLEUM 201-858-6800	\$	B
P17	*SOHO ;PIPELINE*	*	*	PETROLEUM 908-862-0405	\$	B
P18	*COASTAL CORP*	*	*	12" GAS LINE 201-437-5513	\$	B
P19	*COASTAL OIL*	*	*	12' GAS LINE 201-437-2104	\$	B
R1	KVK SWIMMING POOL	R		MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B
R2	AMERADA HESS	R	900	MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B
R3	ST GEORGE FUEL PIER	R	1000		\$	B
R12	CADDELLS DRYDOCK	P/R	5000		\$	B/V
R13	TEXACO DOCK	R	1000		\$	B/V
R14	SALT DOCK	R	1000	MARINE POWER AND LIGHT (M57) 718-442-8018	E/\$	B/V
R15	WALL STREET PAPER	R	1000		\$	B/V
NOTES: DO NOT ANCHOR AROUND PIPELINE AREAS						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB J

STATEN ISLAND/THE KILLS

References: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

1. **DESCRIPTION:** The Arthur Kill and Kill Van Kull are narrow waterways running along the west and north sides of Staten Island, respectively. The shorelines consist of heavy concentrations of industrial docks and wharves with mud flats comprising most of the undeveloped remaining areas. Numerous derelict vessels and rotting docks line the shorelines especially along Staten Island. Several small marinas are located along the Arthur Kill.

Due to the highly industrialized nature of the area, several water intakes are located along the shorelines, especially in the vicinity of power plants and refineries. A listing of these water intakes is contained in reference (b).

2. **WATER CURRENTS:** Currents in the Arthur Kill are primarily tidal and move from low to medium velocities. Fairly strong currents are present in the Kill Van Kull. Maximum expected current velocity is 1.4 knots in the Arthur Kill and 2.7 knots in the Kill Van Kull.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
3. **SENSITIVE AREAS:** Within the Arthur Kill are wetland areas along the Staten Island shoreline which are very sensitive to oil spills. These are commonly known as Fresh Kills (Richmond Creek), Sawmill Creek, and Neck Creek. There are two waterfowl sensitive areas, Shooters Island and Pralls Island, which are the nesting grounds for many species of birds and are part of Harbor Herons Park, a rookery administered by the Audubon Society. The following information corresponds with Maps number 9, 9a and 9b of the Arthur Kill and Kill Van Kull. A strategy matrix for each area immediately follows the corresponding map.

MAP LEGEND

Priority Scale:

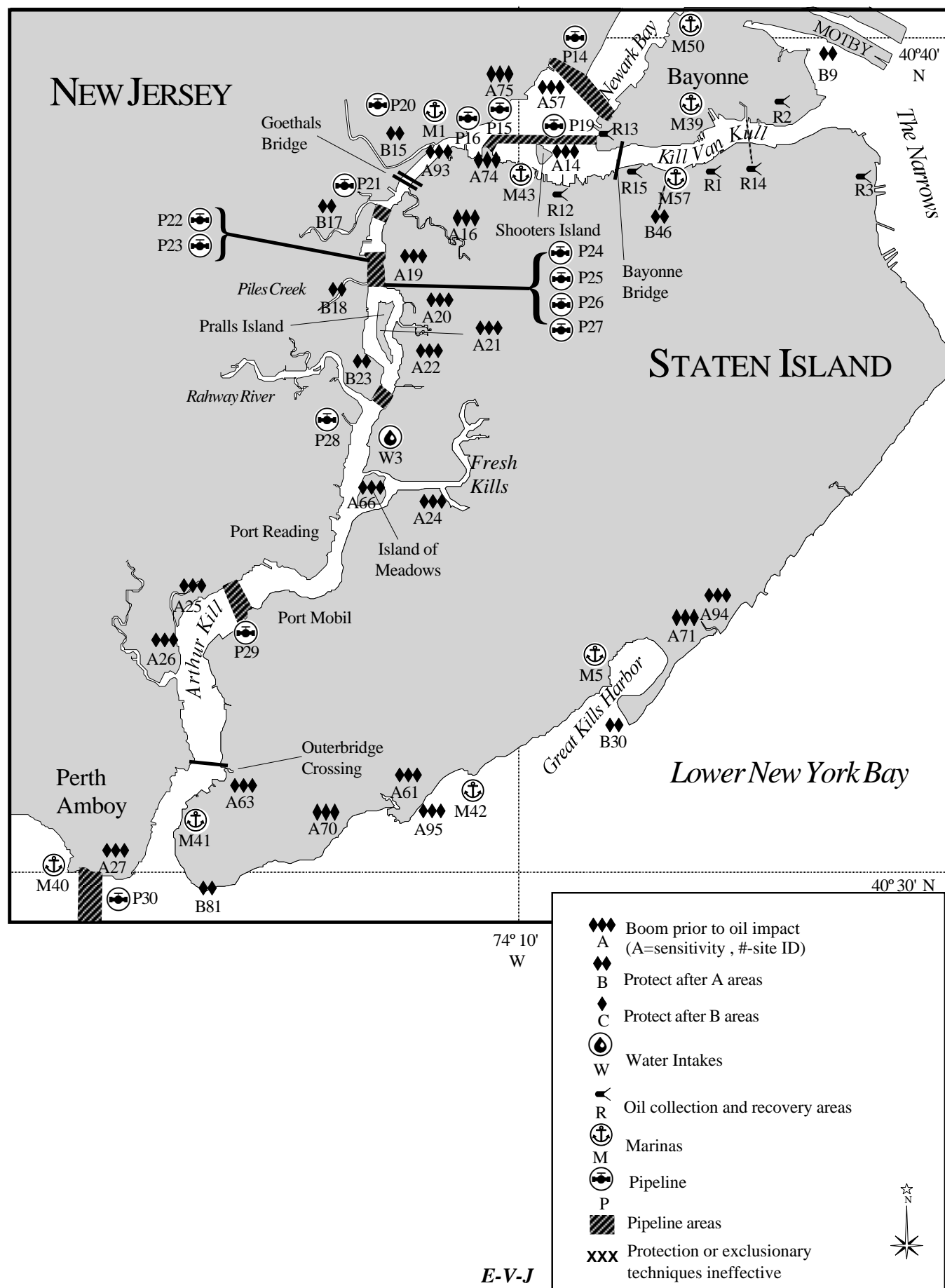
- | | | |
|------------|---|---|
| A | = | Boom prior to oil impact |
| B | = | Protect after A areas |
| C | = | Protect after B areas |
| M | = | Marinas |
| R | = | Oil collection and recovery area |
| W | = | Water Intake-boom prior to oil impact |
| P | = | Pipeline |
| XXX | = | Protection or exclusionary techniques ineffective |

Booming Method:

P = Protection
D = Deflection
R = Recovery and Collection

Map: 9. Staten Island/The Kills map and strategy matrix
9a. Upper Arthur Kill and Kill Van Kull map and strategy matrix
9b. Lower Arthur Kill map and strategy matrix

MAP 9 TO TAB J
STATEN ISLAND/THE KILLS



STRATEGY MATRIX
REV: 20 NOV 98
STATEN ISLAND/THE KILLS

SENSITIVE AREA MAP 9		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME					
A14	SHOOTERS ISLAND	P	8000	PORT AUTHORITY BEACH, STATEN ISLAND	E	B
A16	OLD PLACE CREEK	P	1500	ELIZABETH MARINA (M1) 908-828-4296	E	B/V
A19	PRALL'S CREEK	P	1200	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A20	SAWMILL CREEK	P	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B/V
A21	PRALLS ISLAND	P/D	7500	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A22	NECK CREEK	P	300	AMOCO OIL MARINE TERMINAL 732-541-5131 NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A24	FRESH KILL	P/D	1600	AMOCO OIL MARINE TERMINAL 732-541-5131	E	B
A25	SMITH CREEK	P/D	300	MUNICIPLE BOAT RAMP	E/\$	B/V
A26	WOODBIDGE CREEK	P	600	MUNICIPLE BOAT RAMP	E	B/V
A27	RARITAN RIVER	P/D	5000	SANDY POINT BEACH	E/\$	B/V
A57	SINGER FLAT	P/D	3500	ELIZABETH MARINA (M1) 908-828-4296	E/\$	B/V
A61	LEMON CREEK	P/D	300	PRINCESS BAY/SAGUINE POINT	E	B/V
A63	MILL CREEK	P/D	900	TOTTENVILLE MARINA (M41) 718-948-7520	E	B
A66	ISLAND OF MEADOWS	D		AMOCO OIL MARINE TERMINAL 732-541-5131	E	B
A70	MT. LORETTO	D/R	300	PRINCESS BAY/SAGUINE POINT	E	B/V
A71	GATEWAY NATIONAL PARK	D	9500	PRINCESS BAY/SAGUINE POINT	E/\$	B/V
A74	MARINERS MARSH	P/D	650		E	B
A75	SLATER PARK	P/D	300		E	B/V
A93	BRIDGE CREEK	P		ELIZABETH MARINA (M1) 908-828-4296	E	B/V
A94	OAKWOOD BEACH	P		PRINCESS BAY/SAGUINE POINT	E/\$	B/V
A95	WOLFE'S POND PARK	P		PRINCESS BAY/SAGUINE POINT	E	B/V
B9	MOTBY	P/D/R	5000	MOTBY (B9) 201-823-5111	E/\$	B/V
B15	ELIZABETH RIVER	P/D	1500	ELIZABETH MARINA (M1) 908-828-4296	E/\$	B/V
B17	MORSES CREEK	P/D	1500	HELPS DODGE 908-351-3200	E/\$	B
B18	PILES CREEK	P/D	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
B23	RAHWAY RIVER	P/D	1500	AMOCO OIL MARINE TERMINAL 732-541-5131	E/\$	B/V
B30	GREAT KILLS HARBOR	P/D	1600	RICHMOND COUNTY YACHT CLUB (M5) 718-948-9615	E/\$	B/V
B46	BODINE CREEK	P		MARINE POWER AND LIGHT (M57) 718-442-8018	E	B/V
B81	CONFERENCE HOUSE PARK			PRINCESS BAY/SAGUINE POINT	E	B/V
M1	ELIZABETH MARINA	P/D	500	ELIZABETH MARINA (M1) 908-828-4296	\$	B/V
M5	GREAT KILLS HARBOR	P/D	1500	RICHMOND COUNTY YACHT CLUB (M5) 718-948-9615	E/\$	B/V
M39	ATLAS YACHT CLUB	P	300	ATLAS YACHT CLUB (M39) 201-858-9605	\$	B
M40	PERTH AMBOY MARINA	P	500	PERTH AMBOY MARINA (M40) 732-826-5000	\$	B
M41	TOTTENVILLE MARINA	P	2000	TOTTENVILLE MARINA (M41) 718-948-7520	\$	B/V
M42	SMITH CREEK MARINA				\$	B
M43	STATEN ISLAND MARINA	P		STATEN ISLAND MARINA (M43) 718-442-8018	\$	B/V
M50	ROBBINS REEF MARINA	P		ROBBINS REEF MARINA (M50) 201-858-6172	\$	B/V
M57	MARINE POWER AND LIGHT			MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B/V
NOTES:						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

STRATEGY MATRIX
REV: 20 NOV 98
STATEN ISLAND/ THE KILLS

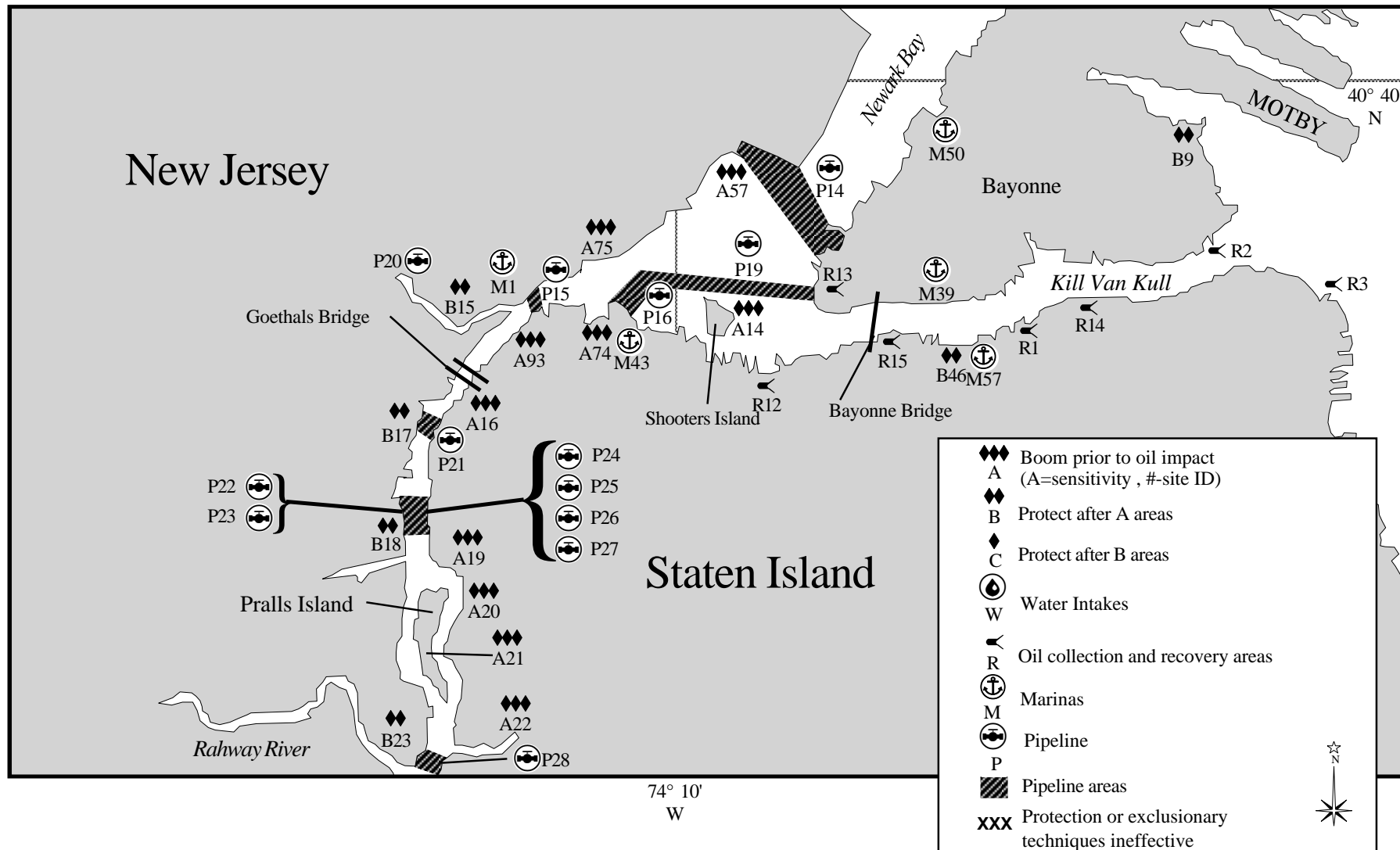
<i>SENSITIVE AREA</i> <i>MAP 9 continued</i>		<i>BOOM</i> <i>METHOD/</i> <i>MIN BOOM</i> <i>LENGTH</i> <i>IN FT</i>		<i>STAGING SITE</i> <i>MAP CODE</i> <i>PHONE NUMBER</i>	<i>IMPACT/</i> <i>ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
P14	*TEXAS EASTERN*	*	*	GAS 800-231-7794	\$	B
P15	*COLONIAL PIPELINE*	*	*	LPG	\$	B
P16	*EXXON CO*	*	*	TWO 8" & ONE 12" PETROLEUM 201-858-6800	\$	B
P19	*COASTAL OIL*	*	*	12" OIL LINE 201-437-5513	\$	B
P20	*COLONIAL PIPELINE*	*	*	13" PETROLEUM 404-261-1471	\$	B
P21	*EXXON CO*	*	*	TWO 8" & ONE 12" PETROLEUM 201-858-6800	\$	B
P22	*COLONIAL PIPELINE CO.*	*	*	12" OIL LINE 404-261-1471	\$	B
P23	*COASTAL OIL*	*	*	12" OIL LINE 210-437-2104	\$	B
P24	*BUCKEYE PIPELINE CO.*	*	*	TWO 12" GAS LINES 718-656-5746 OR 908-862-8952	\$	B
P25	*COLONIAL PIPELINE CO.*	*	*	TWO 14" PETROLEUM LINES 404-261-1471	\$	B
P26	*TRANSCONTINENTAL GAS*	*	*	30" NATURAL GAS 908-862-8600	\$	B
P27	COASTAL CORP	*	*	12" OIL LINE 201-437-2104	\$	B
P28	*NORTHVILLE LINDEN TERMINAL CORP*	*	*	10" #6 FUEL OIL 908-862-5740	\$	B
P29	*COLONIAL PIPELINE*	*	*	13" PETROLEUM 404-261-1471	\$	B
P30	*AT&T*	*	*	TELEPHONE CABLES	\$	B
R1	KVK SWIMMING POOL	R		MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B
R2	AMERADA HESS	R	900	MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B
R3	ST GEORGE FUEL PIER	R	1000		\$	B
R12	CADDELLS DRYDOCK	P/R	5000		\$	B/V
R13	TEXACO DOCK	R	1000		\$	B/V
R14	SALT DOCK	R	1000	MARINE POWER AND LIGHT (M57) 718-442-8018	E/\$	B/V
R15	WALL STREET PAPER	R	1000			B
W3	CON EDISON ARTHUR KILL 20'	P/D	2000		E/\$	B/V

NOTES: ***WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME***
DO NOT ANCHOR AROUND PIPELINE AREA

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE



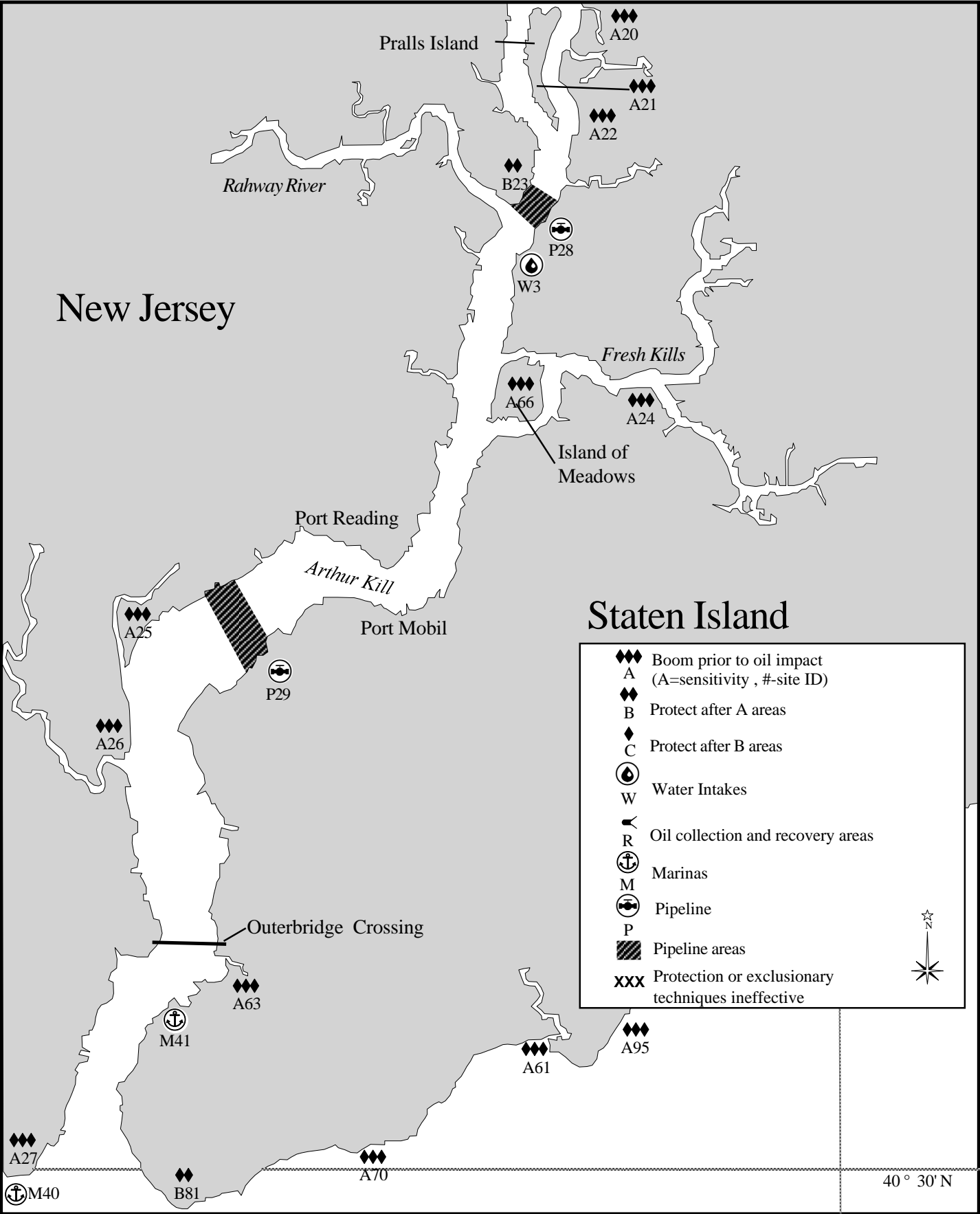
STRATEGY MATRIX
REV: 20 NOV 98
UPPER ARTHUR KILL / KILL VAN KULL

<i>SENSITIVE AREA MAP 9A</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A14	SHOOTERS ISLAND	P	8000	PORT AUTHORITY BEACH, STATEN ISLAND	E	B
A16	OLD PLACE CREEK	P	1500	ELIZABETH MARINA (M1) 908-828-4296	E	B/V
A19	PRALL'S CREEK	P	1200	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A20	SAWMILL CREEK	P	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B/V
A21	PRALLS ISLAND	P/D	7500	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A22	NECK CREEK	P	300	AMOCO OIL MARINE TERMINAL 732-541-5131 NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A57	SINGER FLAT	P/D	3500	ELIZABETH MARINA (M1) 908-828-4296	E/\$	B/V
A74	MARINERS MARSH	P/D	650	STATEN ISLAND MARINA (M43) 718-442-8018	E	B
A75	SLATER PARK	P/D	300		E	B/V
A93	BRIDGE CREEK	P		ELIZABETH MARINA (M1) 908-828-4296	E	B/V
B9	MOTBY	P/D/R	5000	MOTBY (B9) 201-823-5111	E/\$	B/V
B15	ELIZABETH RIVER	P/D	1500	ELIZABETH MARINA (M1) 908-828-4296	E/\$	B/V
B17	MORSES CREEK	P/D	1500	PHELPS DODGE 908-351-3200	E/\$	B
B18	PILES CREEK	P/D	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
B23	RAHWAY RIVER	P/D	1500	AMOCO OIL MARINE TERMINAL 732-541-5131	E/\$	B/V
B46	BODINE CREEK	P		MARINE POWER AND LIGHT (M57) 718-442-8018	E	B/V
M1	ELIZABETH MARINA	P/D	500	ELIZABETH MARINA (M1) 908-828-4296	\$	B/V
M39	ATLAS YACHT CLUB	P	300	ATLAS YACHT CLUB (M39) 201-858-9605	\$	B
M50	ROBBINS REEF MARINA	P		ROBBINS REEF MARINA (M50) 201-858-6172	\$	B/V
M57	MARINE POWER AND LIGHT			MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B/V
P14	*TEXAS EASTERN*	*	*	GAS 800-231-7794	\$	B
P15	*COLONIAL PIPELINE*	*	*	LPG	\$	B
P16	*EXXON CO*	*	*	TWO 8" & ONE 12" PETROLEUM 201-858-6800	\$	B
P19	*COASTAL OIL*	*	*	12" OIL	\$	B
P20	*COLONIAL PIPELINE*	*	*	13" PETROLEUM 404-261-1471	\$	B
P21	*EXXON CO*	*	*	TWO 8" & ONE 12" PETROLEUM 201-858-6800	\$	B
P22	*COLONIAL PIPELINE*	*	*	12" OIL	\$	B
P23	*COASTAL OIL*	*	*	12' OIL 718-656-5746	\$	B
P24	*BUCKEYE*	*	*	TWO 12" GAS LINES 718-656-5746/908-862-8952	\$	B
P25	*COLONIAL PIPELINE*	*	*	TWO 14" PETROLEUM 404-261-1471	\$	B
P26	*TRANSCONTINENTAL GAS*	*	*	30" NATURAL GAS 908-862-8600	\$	B
P27	*COASTAL CORP.*	*	*	12" GAS 201-437-5513	\$	B
P28	*NORTHVILLE LINDEN*	*	*	10" #6 FUEL OIL 908-862-5740	\$	B
R1	KVK SWIMMING POOL	R		MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B
R2	AMERADA HESS	R	900	MARINE POWER AND LIGHT (M57) 718-442-8018	\$	B
R3	ST GEORGE FUEL PIER	R	1000		\$	B
R12	CADDELLS DRYDOCK	P/R	5000		\$	B/V
R13	TEXACO DOCK	R	1000		\$	B/V
R14	SALT DOCK	R	1000	MARINE POWER AND LIGHT (M57) 718-442-8018	E/\$	B/V
R15	WALL STREET PAPER	R	1000		\$	B/V
NOTES: DO NOT ANCHOR AROUND PIPELINE AREAS						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE



STRATEGY MATRIX
REV: 20 NOV 98
LOWER ARTHUR KILL

<i>SENSITIVE AREA MAP 9B</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A20	SAWMILL CREEK	P	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B/V
A21	PRALLS ISLAND	P/D	7500	NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A22	NECK CREEK	P	300	AMOCO OIL MARINE TERMINAL 732-541-5131 NORTHVILLE LINDEN TERMINAL 908-862-5740	E	B
A24	FRESH KILL	P/D	1600	AMOCO OIL MARINE TERMINAL 732-541-5131	E	B
A25	SMITH CREEK	P/D	300	MUNICIPAL BOAT RAMP	E/\$	B/V
A26	WOODBIDGE CREEK	P	600	MUNICIPAL BOAT RAMP	E	B/V
A27	RARITAN RIVER	P/D	5000	SANDY POINT BEACH	E/\$	B/V
A61	LEMON CREEK	P/D	300	PRINCESS BAY/SAGUINE POINT	E	B/V
A63	MILL CREEK	P/D	900	TOTTENVILLE MARINA (M41) 718-948-7520	E	B
A66	ISLAND OF MEADOWS	D		AMOCO OIL MARINE TERMINAL 732-541-5131	E	B
A70	MT. LORETTO	D/R	300	PRINCESS BAY/SAGUINE POINT	E	B/V
A95	WOLFE'S POND PARK	P		PRINCESS BAY/SAGUINE POINT	E	B/V
B23	RAHWAY RIVER	P/D	1500	AMOCO OIL MARINE TERMINAL 732-541-5131	E/\$	B/V
B81	CONFERENCE HOUSE PARK			PRINCESS BAY/SAGUINE POINT	E	B/V
M40	PERTH AMBOY MARINA	P	500	PERTH AMBOY MARINA (M40)	\$	B
M41	TOTTENVILLE MARINA	P	2000	TOTTENVILLE MARINA (M41)	\$	B/V
P28	*NORTHVILLE LINDEN TERMINAL CORP*	*	*	10" #6 FUEL OIL 908-862-5740	\$	B
P29	*COLONIAL PIPELINE*	*	*	13" PETROLEUM 404-261-1471	\$	B
W3	CON-EDISON ARTHUR KILL	P/D	2000		E/\$	B

NOTES: ***DO NOT ANCHOR AROUND PIPELINE AREAS***

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

1. **DESCRIPTION:** The Jamaica Bay area covers all bays and inlets east of the eastern end of Coney Island including Sheepshead Bay, Dead Horse Bay, Rockaway Inlet, and Jamaica Bay. Rockaway Inlet is fairly wide and moderately shallow with a mixture of sandy beaches, rip-rap, seawalls and some marsh areas around Dead Horse Bay. Jamaica Bay is a large but shallow bay with many marshy islands. The shoreline is primarily marsh grasses with some recreational areas and a small amount of industrial/commercial waterfront.
2. **WATER CURRENTS:** Currents within the Jamaica Bay area are induced by tidal flows, and are relatively low except in restricted channels such as under Cross Bay Veterans Memorial Bridge. Maximum expected current velocity is 2.3 knots within the bay channels and 2.7 knots in Rockaway Inlet.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
4. **SENSITIVE AREAS:** Jamaica Bay is one of the most productive wetlands in the western hemisphere. In most oil spill situations there are a few sensitive, isolated areas that receive first priority for protection and cleanup operations. In this case, however, the entire Jamaica Bay is very sensitive to spills and every attempt should be made to keep spilled oil out of the bay, or contain and recover any oil in the bay. The following information corresponds with Map 10 of Jamaica Bay. A strategy matrix for the area immediately follows the map.

MAP LEGEND

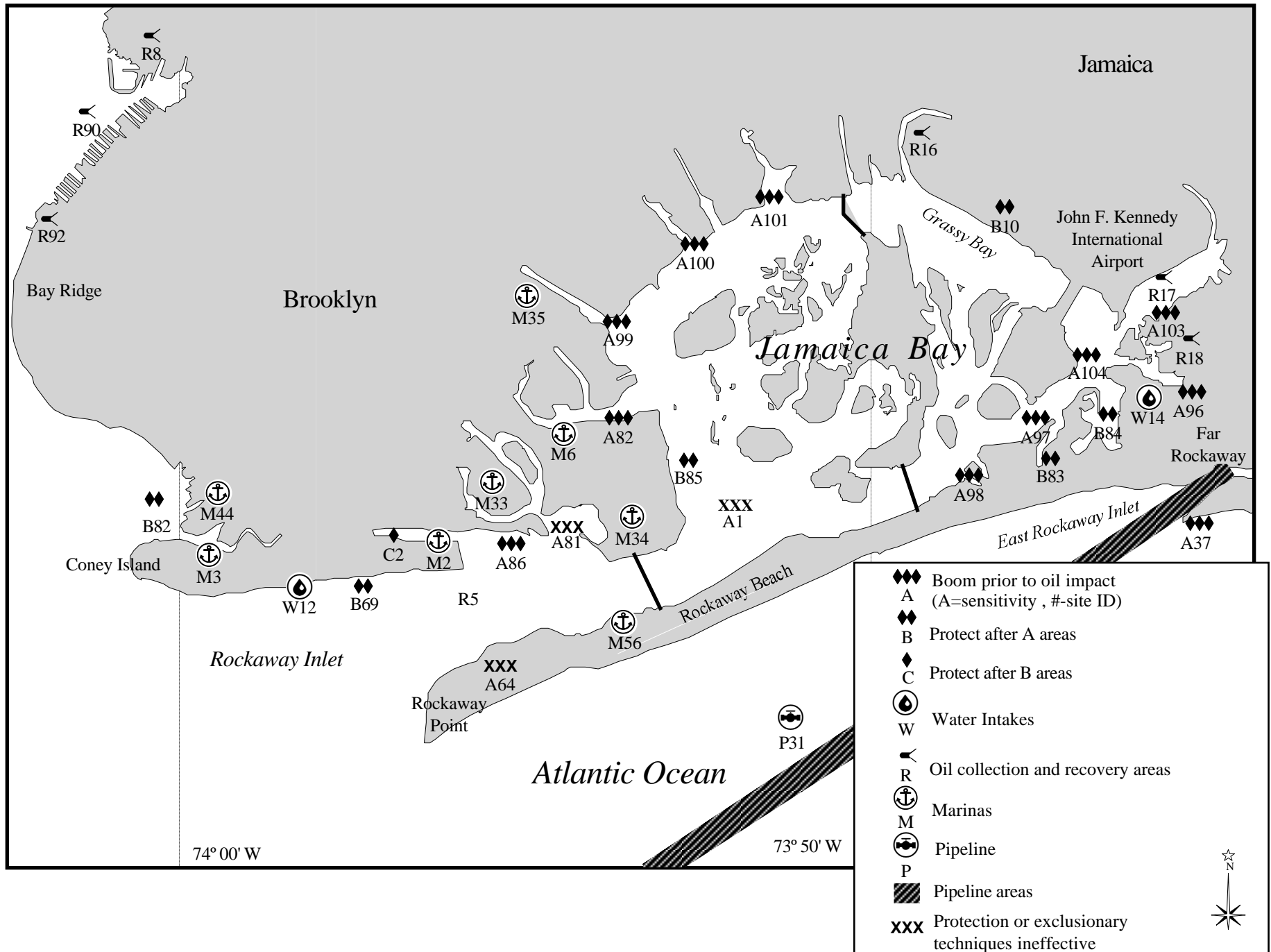
Priority Scale:

- | | | |
|------------|---|---|
| A | = | Boom prior to oil impact |
| B | = | Protect after A areas |
| C | = | Protect after B areas |
| M | = | Marinas |
| R | = | Oil collection and recovery area |
| W | = | Water Intake-boom prior to oil impact |
| P | = | Pipeline |
| XXX | = | Protection or exclusionary techniques ineffective |

Booming Method:

- | | | |
|----------|---|-------------------------|
| P | = | Protection |
| D | = | Deflection |
| R | = | Recovery and Collection |

Map: 10. Jamaica Bay map and strategy matrix



STRATEGY MATRIX
REV: 20 NOV 98
JAMAICA BAY / ROCKAWAY

SENSITIVE AREA MAP 10		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME					
A1	JAMAICA BAY	D/R	11000	USCG STA ROCKAWAY (M56) 718-727-9199	E	B/V
A37	EAST ROCKAWAY INLET	P/D	2000	FAR ROCKAWAY	E/\$	B/V
A64	BREEZY POINT	D/R	5000	USCG STA ROCKAWAY (M56) 718-727-9199	E	
A81	DEADHORSE BAY GARRISON INLET	D/R	2700		E	
A82	MILL BASIN	P/D	1300	BERGEN BEACH YACHT CLUB (M6) 718-251-9792	E/\$	B
A86	PLUM BEACH	P				
A96	MOTT BASIN	P			E	B
A97	DUBOS POINT	P			E	
A98	VERNAM BARBADOES PENINSULA	P			E	
A99	PAERDEGAT BASIN	P		DIAMOND POINT MARINA (M35) 718-444-7700	E	B/V
A100	FRESH CREEK	P		DIAMOND POINT MARINA (M35) 718-444-7700	E	B/V
A101	SPRING CREEK OLD MILL CREEK	P/D			E	B
A103	HOOK CREEK	P			E	B/V
A104	MOTTS POINT	P/D			E	B/V
B10	JFK SITE	D/R	5000		E	B
B69	MANHATTAN BEACH BRIGHTON BEACH	D		SHEEPSHEAD BAY MARINA (M2) 718-891-0991 (718-891-3359 NIGHTS)	E	B/V
B82	CONEY ISLAND CREEK	P/R	800	NEPTUNE MARINA (M3) 718-266-6000		
B83	SUMMERVILLE BASIN	P			E	
B84	NORTON BASIN	P			E/\$	B
B85	FLOYD BENNET FIELD SHORELINE	D		BERGEN BEACH YACHT CLUB (M6) 718-251-9792	E	B/V
C2	SHEEPSHEAD BAY	P/D	800	SHEEPSHEAD BAY MARINA (M2) 718-891-0991 (718-891-3359 NIGHTS)	E/\$	B/V
M2	SHEEPSHEAD BAY MARINA	P/D	900	SHEEPSHEAD BAY MARINA (M2) 718-891-0991 (718-891-3359 NIGHTS)	\$	B/V
M3	NEPTUNE MARINA	P/D	500	NEPTUNE MARINA (M3)	\$	B/V
M6	BERGEN BEACH YACHT CLUB	P/D	900	BERGEN BEACH YACHT CLUB (M6) 718-251-9792	\$	B
M33	VENICE YACHT CLUB	P	600	VENICE YACHT CLUB (M33) 718-646-2640	\$	B/V
M34	BARREN ISLAND MARINA	P	1500	BARREN ISLAND MARINA (M34) 718-338-4200	\$	B/V
M35	DIAMOND POINT MARINA	P	500	DIAMOND POINT MARINA (M35) 718-444-7700	E	B/V
M44	GAGLIANO & GAGLIANO MARINA	P	500	MARINE BASIN MARINA (M44) 718-372-5700	\$	B/V
M56	USCG STA ROCKAWAY	P	700	USCG STA ROCKAWAY (M56) 718-727-9199	\$	B/V
P31	*TRANSCONTINENTAL GAS*	*	*	GAS LINE 908-862-8600	\$	B
R5	SHEEPSHEAD BAY INLET	R	800	SHEEPSHEAD BAY MARINA (M2) 718-891-0991 (718-891-3359 NIGHTS)		B/V
R8	ERIE BASIN	R	300	REDHOOK MARINE TERMINAL 718-857-0777		B
R16	BERGEN BASIN	R	1000			B/V
R17	HEAD OF BAY CHANNEL	R	600			B/V
R18	NEGRO BAR CHANNEL	R	600			B
R90	GOWANUS CANAL	P/R	1800	REDHOOK MARINE TERMINAL 718-857-0777		B/V
R92	OWLS HEAD PARK (CONCERT BLOCKS)	P/R	1000	PIER 69 BROOKLYN		B/V
W12	CONEY ISLAND AQUARIUM 8'	P/D	1300		E/\$	B/V
W14	LILCO 24 TH ST QUEENS 20'	P/D	1300	SHEEPSHEAD BAY MARINA (M2) 718-891-0991 (718-891-3359 NIGHTS)	E/\$	B/V
NOTES WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME DO NOT ANCHOR AROUND PIPELINE AREAS						

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB L TO APPENDIX V TO ANNEX E TO THE NEW YORK/NEW JERSEY ACP
RARITAN RIVER

References: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River
(b) NYSDEC Region II Contingency Plan.

1. **DESCRIPTION:** This area includes the segment of the Raritan River from New Brunswick/ Highland Park in New Jersey to where it flows into Raritan Bay. It also includes the portion of the South River north of Highway 535 in New Jersey to where it joins with the Raritan River. The land usage around the western end of this part of the river mainly consists of residential/ commercial as well as some recreational. Where the South River flows into the Raritan there are numerous small creeks that drain a large marsh area. Further east towards the mouth of the Raritan the shoreline consists mainly of industrial/commercial waterfront.
2. **WATER CURRENTS:** Currents in the Raritan River are largely influenced by tidal action and are fairly low. Maximum expected current velocity is as follows: 0.4 to 0.6 knots at flood tide and ebb tide.
3. **WATER INTAKES:** Oil may become entrained in water intake structures, causing extensive and expensive damage, and possible harm if the material is flammable or explosive. All precautions should be taken to prevent such materials from entering water intakes. In the event of a spill in the vicinity of a water intake the point of contact should be notified immediately. See page F-III-L-1 of this plan for POC information.
4. **SENSITIVE AREAS:** The area where the South River flows into the Raritan River is surrounded by a large marsh and wetlands. These areas are very sensitive to oil spills. The following information corresponds with Map 11 of the Raritan River. A strategy matrix for the area immediately follows the map.

MAP LEGEND

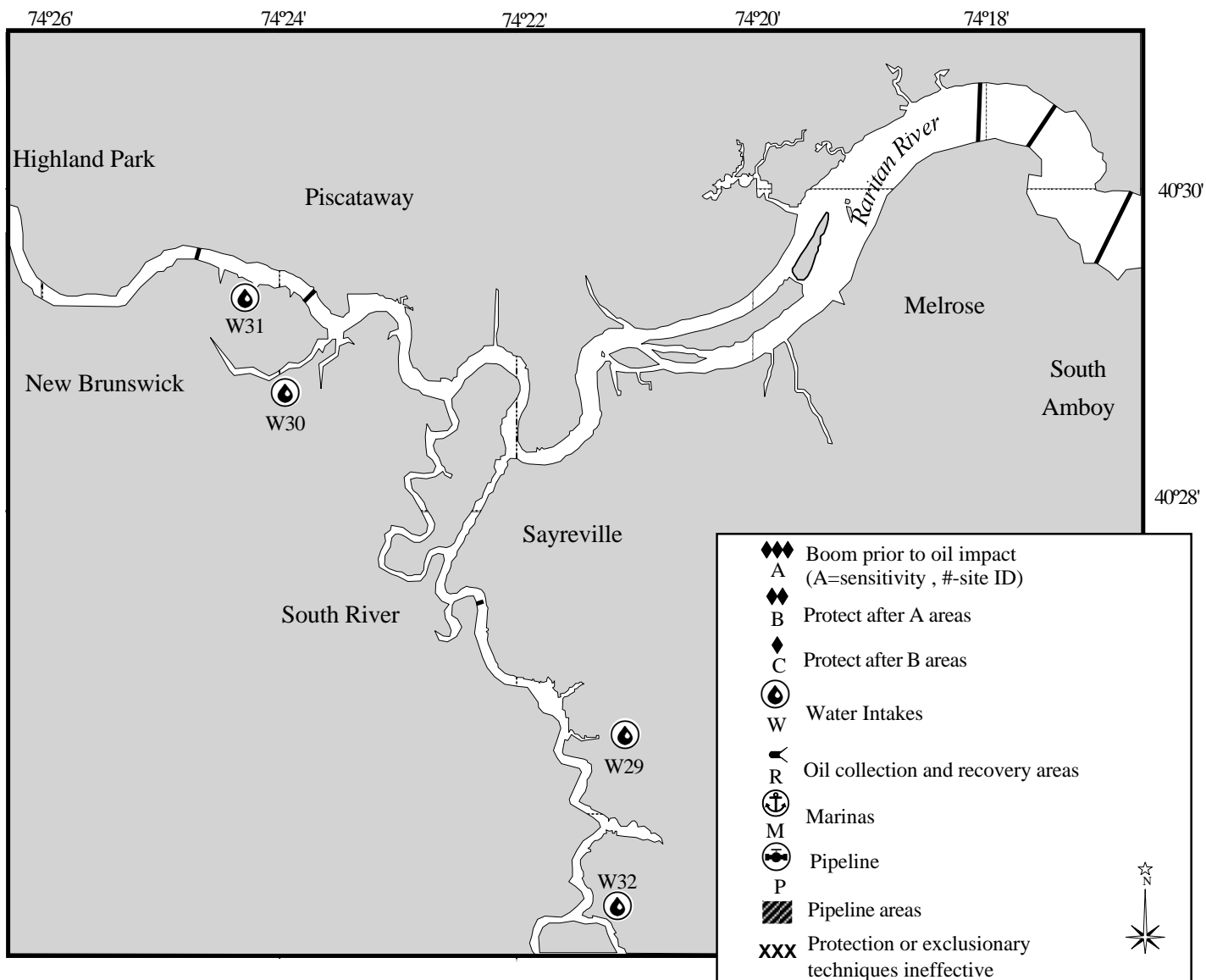
Priority Scale:

A = Boom prior to oil impact
B = Protect after **A** areas
C = Protect after **B** areas
M = Marinas
R = Oil collection and recovery area
W = Water Intake-boom prior to oil impact
P = Pipeline
XXX = Protection or exclusionary techniques ineffective

Booming Method:

P = Protection
D = Deflection
R = Recovery and Collection

Map: 11. Raritan River map and strategy matrix



MAP 11 TO TABL
RARITAN RIVER

E-V-L
MAP 11

STRATEGY MATRIX

REV: 20 NOV 98

RARITAN RIVER

<i>SENSITIVE AREA MAP 11</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>		<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>						
W29	CITY OF PERTH AMBOY OLD BRIDGE 10'	P/D	1300	SR RAMP		\$	B/V
W30	NEW BRUNSWICK WATER DEPT BURNET ST 10'	P/D	1500	ROCKY RANCH RAMP		\$	B/V
W31	NEW BRUNSWICK WATER DEPT GEORGE ST. 10'	P/D	1200	ROCKY RANCH RAMP		\$	B/V
W32	SAYERVILLE WATER DEPT OLD BRIDGE 10'	P/D	1300	SR RAMP OR TRUCK IN		\$	B/V

NOTES: ***WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME***

BOOMING METHOD

D = DEFLECT

P = PROTECT

R = RECOVER

IMPACT

E = ENVIRONMENTAL

\$ = ECONOMIC

ACCESS

B = BOAT

V = VEHICLE

Reference: (a) Sensitivity of Coastal Environments & Wildlife to Spilled Oil - New York Harbor and Hudson River

1. **DESCRIPTION:** The Raritan Bay area encompasses Raritan Bay, Sandy Hook Bay, and the tidal portion of the Raritan River. The combined area of Raritan and Sandy Hook bays is fairly large, moderately shallow, and open on the east side to the Lower New York Bay and the Atlantic Ocean. The shoreline is primarily sand/pebble beaches with large wetlands associated with the Raritan River and numerous creeks along the southern shoreline. Usage is largely recreational and concentrated at the larger beaches, marinas, and boat harbors. Water intake information for the Raritan Bay area is not available at this time, but is being developed by NJDEP.
2. **WATER CURRENTS:** Currents in the Raritan Bay area are primarily tidal induced except in the Raritan River which is largely affected by runoff. The current velocities are relatively low with a maximum of 1.1 knots in Raritan Bay and 1.8 knots in the Raritan River at Perth Amboy.
3. **SENSITIVE AREAS:** The Raritan Bay area contains many locations which are particularly sensitive to spills. The primary sensitivity factors deal with shellfisheries, waterfowl nesting, public use, and creeks with adjacent wetlands. A list of the sensitive areas is given below and all of the listed factors are prevalent to some degree in each. The following information corresponds with Map 12 of Raritan Bay/Lower New York Bay. A strategy matrix for the area immediately follows the map.

MAP LEGEND

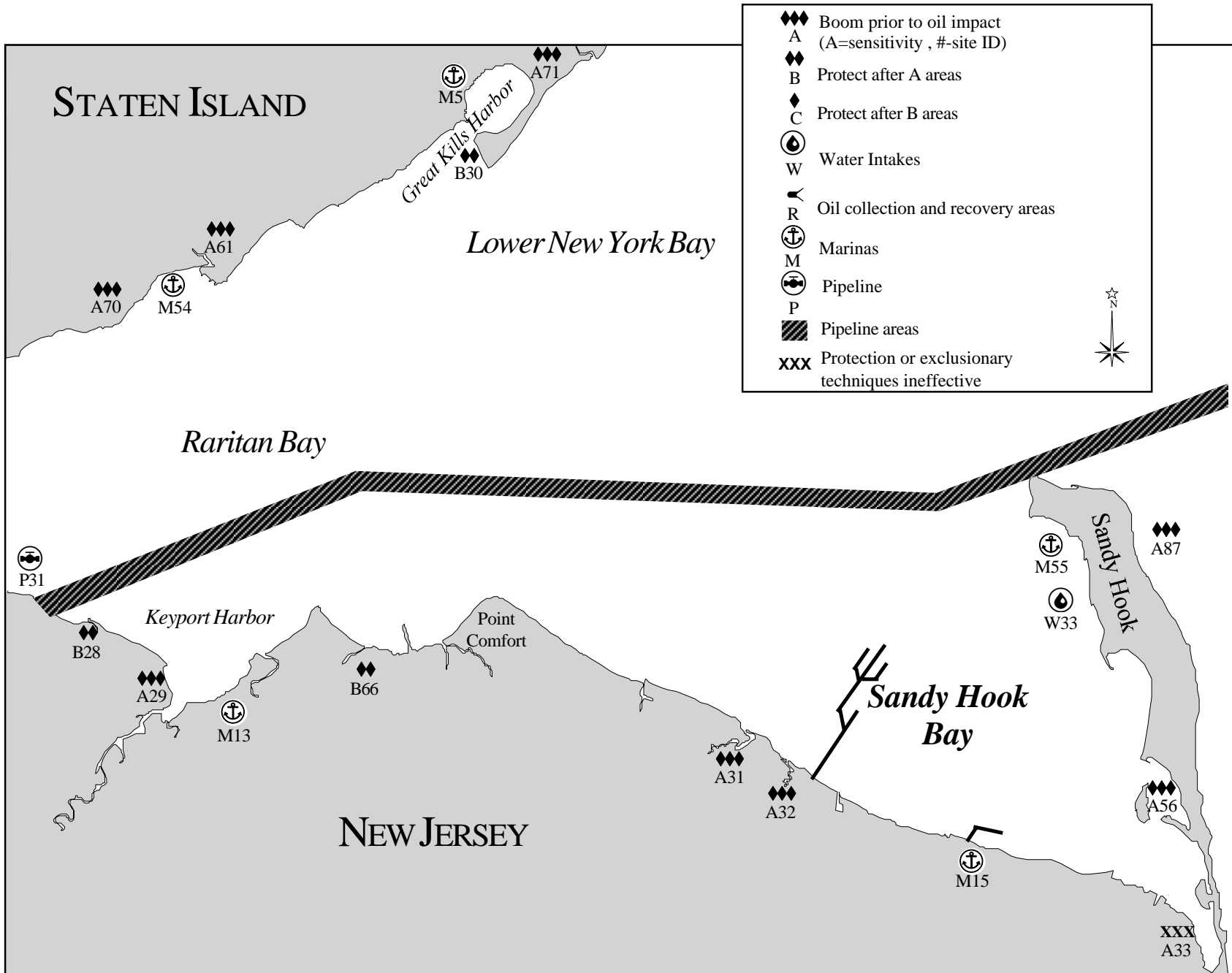
Priority Scale:

- A** = Boom prior to oil impact
- B** = Protect after **A** areas
- C** = Protect after **B** areas
- M** = Marinas
- R** = Oil collection and recovery area
- W** = Water Intake-boom prior to oil impact
- P** = Pipeline
- XXX** = Protection or exclusionary techniques ineffective

Booming Method:

- P** = Protection
- D** = Deflection
- R** = Recovery and Collection

Map: 12. Raritan Bay/Lower New York Bay map and strategy matrix



STRATEGY MATRIX
REV: 20 NOV 98
RARITAN RIVER / LOWER NEW YORK BAY

<i>SENSITIVE AREA MAP 12</i>		<i>BOOM METHOD/ MIN BOOM LENGTH IN FT</i>		<i>STAGING SITE MAP CODE PHONE NUMBER</i>	<i>IMPACT/ ACCESS</i>	
<i>CODE</i>	<i>SENSITIVE AREA NAME</i>					
A29	MATAWAN CREEK	P	1500	WAGNERS MARINA (M13) 732-583-6930 (732-556-5821 NIGHT)	E/\$	B/V
A31	COMPTON CREEK	P	1000	MONMOUTH COVE MARINA 732-222-3492	\$	B/V
A32	WARE CREEK	P	900	MONMOUTH COVE MARINA 732-222-3492	E	B
A33	SHREWSBURY RIVER (NORTH	D/R	1200	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	E	B
A56	SPERMACETI COVE	P	2000	HARBORSIDE MARINE 732-291-4440	E	B/V
A61	LEMON CREEK	P/D	300	PRINCESS BAY/SAGUINE POINT	E	B/V
A70	MT LORETTO	D/R	300	PRINCESS BAY/SAGUINE POINT	E	B/V
A71	GATEWAY NATIONAL PARK	D	9500	PRINCESS BAY/SAGUINE POINT	E	B/V
A87	SANDY HOOK BEACH	P/D		USCG STA SANDY HOOK (M55) 732-872-3428	E	V
B28	CHEESQUAKE CREEK	P	300	ZUBAK'S MARINA 732-727-3953	E/\$	B/V
B30	GREAT KILLS HARBOR	P/D	1600	RICHMOND COUNTY YACHT CLUB (M5) 718-948-9615 (718-377-5140 NIGHT)	E/\$	B/V
B66	FLAT CREEK	P/D	400	WAGNERS MARINA (M13) 732-583-6930 (732-556-5821 NIGHT)	E/\$	B/V
M5	GREAT KILLS HARBOR	P/D	1500	RICHMOND COUNTY YACHT CLUB (M5) 718-948-9615 (718-377-5140 NIGHT)	E/\$	B/V
M13	WAGNERS MARINA	P/D	1000	WAGNERS MARINA (M13) 732-583-6930 (732-556-5821 NIGHT)	\$	B/V
M15	ATLANTIC HIGHLANDS MARINA	P	2100	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	\$	B/V
M54	LEMON CREEK MARINA	P	300	LEMON CREEK MARINA (M54) 718-943-9766	\$	B/V
M55	USCG STA SANDY HOOK	P/D	900	USCG STA SANDY HOOK (M55) 732-872-3428	\$	B/V
P31	*TRANSCONTINENTAL GAS*	*	*	GAS LINE 908-862-8600	\$	B
W33	JAMES J. HOWARD MARINE SAFETY LABORATORY			(908-880-8534 PAGER) 908-872-1558 OFFICE SEE NOTES	E/\$	B/V

NOTES: **DO NOT ANCHOR AROUND PIPELINE AREAS**

W33 OPERATES AT 350-400 GPM 24 HOURS PER DAY. INTAKE IS LOCATED 3 TO 4 FT BELOW SANDY BOTTOM.

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

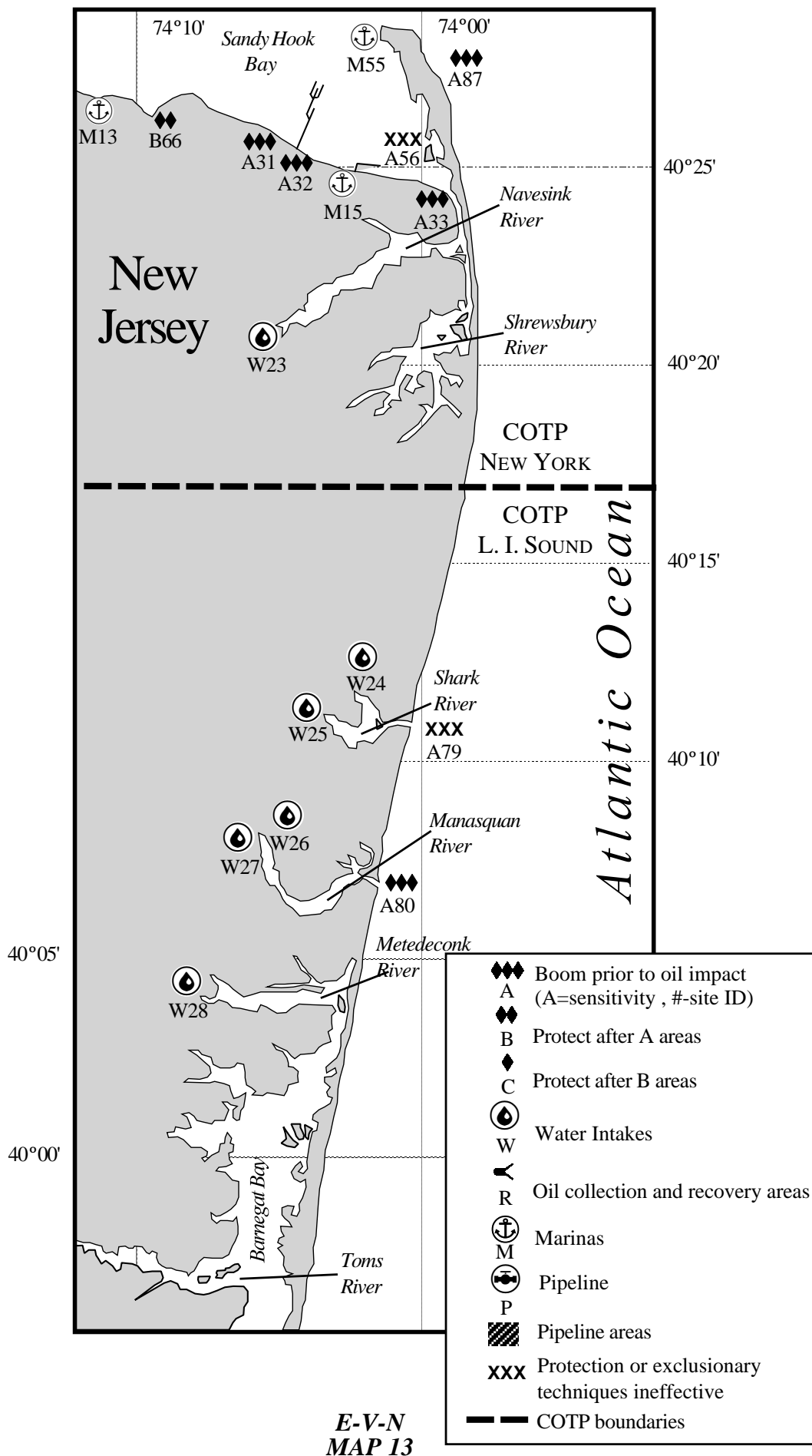
1. **DESCRIPTION:** Most areas of the New Jersey intercoastal shoreline are environmentally sensitive areas. The threat to these areas comes mostly from diesel fuel spills resulting from collisions or sinkings of commercial fishing boats or recreational boats. Oil storage tanks in this area are few and those that do exist are small, usually serving as fuel tanks for buildings or small industrial operations.
2. **WATER CURRENTS:** Preventing oil slicks which occur offshore from entering the intercoastal area of New Jersey is difficult since the inlet currents are swift. Deflective booming should be used in these areas since containment boom would be virtually useless.
3. **POTENTIAL INLET BOOMING SITES**
 - a. Shrewsbury River from Sandy Hook Bay
 - b. Shark River from Atlantic Ocean (COTP Philadelphia zone)
 - c. Manasquan River from Atlantic Ocean (COTP Philadelphia zone)
 - d. Barnegat Inlet (COTP Philadelphia zone)
 - e. Beach Haven Inlet (COTP Philadelphia zone)
4. **SENSITIVE AREAS:** The New Jersey coastline contains many locations which are particularly sensitive to spills. The primary sensitivity factors deal with shellfisheries, waterfowl nesting, public use, and inlets and creeks with adjacent wetlands. The following information corresponds with Map 13 of the New Jersey Coastline. A strategy matrix for the area immediately follows the map.

MAP LEGEND

<i>Priority Scale:</i>	A = Boom prior to oil impact
	B = Protect after A areas
	C = Protect after B areas
	M = Marinas
	R = Oil collection and recovery area
	W = Water Intake-boom prior to oil impact
	P = Pipeline
	XXX = Protection or exclusionary techniques ineffective
<i>Booming Method:</i>	P = Protection
	D = Deflection
	R = Recovery and Collection

Map: 13. New Jersey Coastline map and strategy matrix

MAP 13 TO TAB N
NEW JERSEY COASTLINE



STRATEGY MATRIX
REV: 20 NOV 98
NEW JERSEY COASTLINE / ATLANTIC OCEAN

SENSITIVE AREA MAP 13		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME					
A31	COMPTON CREEK	P	1000	MONMOUTH COVE MARINA 732-222-3492	\$	B/V
A32	WARE CREEK	P	900	MONMOUTH COVE MARINA 732-222-3492	E	B
A33	SHREWSBURY RIVER (NORTH	D/R	1200	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	E	B
A56	SPERMACEITI COVE	P	2000	HARBORSIDE MARINE 732-291-4440	E	B/V
A79	SHARK RIVER	P/D	375	HAMPTONS AND HAVEN/ BELMAR	E/\$	B/V
A80	MANASQUAN RIVER	P/D	450	FISHERMANS COVE	E	B/V
A87	SANDY HOOK BEACH	P/D		USCG STA SANDY HOOK (M55) 732-872-3428	E	V
B66	FLAT CREEK	P/D	400	WAGNERS MARINA (M13) 732-583-6930 (732-556-5821 NIGHT)	E/\$	B/V
M13	WAGNERS MARINA	P/D	1000	WAGNERS MARINA (M13) 732-583-6930 (732-556-5821 NIGHT)	\$	
M15	ATLANTIC HIGHLANDS MARINA	P	2100	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	\$	B/V
M55	USCG STA SANDY HOOK	P/D	900	USCG STA SANDY HOOK (M55) 732-872-3428	\$	B/V
W23	NJ AMERICAN MONMOUTH LINCROFT SWIMMING RIVER 10'	P	1200	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	\$	B/V
W24	NJ AMERICAN MONMOUTH NEPTUNE GREENGROVE AVE 10'	P	1200	HAMPTONS AND HAVEN/ BELMAR	\$	B/V
W25	NJ AMERICAN MONMOUTH NEPTUNE CORLIES AVE. 10'	P	1200	HAMPTONS AND HAVEN/ BELMAR	\$	B/V
W26	NJ AMERICAN MONMOUTH WALL TOWNSHIP 10'	P	1200	FISHERMANS COVE	\$	B/V
W27	NJ WATER SUPPLY AUTHORITY WALL TOWNSHIP 10'	P	1200	BRIELLE YACHT CLUB 732-528-6250	\$	B/V
W28	TOWNSHIP OF BRICK METEDECONK RIVER	P/D	1200	BRIELLE YACHT CLUB 732-528-6250		

NOTES **WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME**

BOOMING METHOD
D = DEFLECT
P = PROTECT
R = RECOVER

IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC

ACCESS
B = BOAT
V = VEHICLE

TAB O

AREA SUMMARY SHEETS

- 1. SENSITIVE AREA SUMMARY SHEETS:** Tab O of this appendix contains information collected by different members of the New York / New Jersey Area Committee for areas within the New York / New Jersey Captain of the Port Area. The information is provided as a guide for protection of the many sensitive areas throughout the Area. This section is not complete and is continuously being updated and changed as each area protection method is tested. The summaries should be used for planning and response of sensitive area protection within the New York / New Jersey Captain of the Port Area.

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1 MAP NUMBER: 10 SITE NAME: Jamaica Bay

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ROCKAWAY INLET ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
	WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
	FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 11000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 10 MAP NUMBER: 9A SITE NAME: Snug Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
	WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
	FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐

BOAT ☐

STAGING AREAS: Atlas Yacht Club (M39) 201-858-9605

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒

RECOVERY ☐

PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 12 MAP NUMBER: NY-8 SITE NAME: Hackensack River

USGS QUAD: Jersey City/Weehawken, NJ NOAA CHART # 12337, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 8, 9 LATITUDE 40° 43' 00" NORTH LONGITUDE 074° 06' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Head of Newark Bay, NJ, and northward; joins with Passaic River to form Newark Bay

PHYSICAL DESCRIPTION: Tidal marsh 4 miles wide by 10 miles long sandwiched between highly urbanized areas.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Waterfowl (nesting Apr-Aug), including mallard, black duck, blue/green wing teal, gadwalls, ruddy ducks, coots, Canada geese, mute sw: pintails and wigeon (Oct-Mar); Fish, including striped bass, white perch, and river herring (spring runs); Shellfish; Crustaceans, including blue crabs (spring thru fall).

HABITAT: Lower reaches are nursery area for striped bass and white perch; nesting area for numerous waterfowl; migratory/overwintering area for pintails and wigeon.

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Vehicle access in some locations\Boat access in most locations
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Roanoke Yacht Club (M48) - (973) 344-9379

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input checked="" type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 13 MAP NUMBER: NY-8 SITE NAME: Passaic River

USGS QUAD: Jersey City/Elizabeth, NJ NOAA CHART # 12337, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 8, 5 LATITUDE 40° 43' 00" NORTH LONGITUDE 074° 07' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Head of Newark Bay, NJ, and northward; joins with Hackensack River to form Newark Bay

PHYSICAL DESCRIPTION: Meandering river flowing through highly urbanized area; tidal banks, mud, sand banks and vegetation; no more than 1/4 mile wide, tidal influence extends 10 miles above mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Nesting waterfowl, including black ducks, mallards, blue/green wing teal, gadwalls, ruddy ducks, coots, C. geese; wintering (mouth) canvasback, scaup, gadwalls, buffleheads; hooded, red breasted, common merganser (FA,WI-mouth); Fish, incl striped bass & white pe (SP-FA); Shellfish; Crustaceans, incl blue crab; Mammals, including muskrats, racoons, and skunks

HABITAT: Nursery area for finfish; large blue crab area in lower reaches; nesting area for numerous waterfowl; mouth is an important waterfowl wint area; lower reaches are migration areas for pintails and wigeon (Oct-Mar); bank/shallows used by mammals

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Roanoke Yacht Club (M48) - (973) 344-9379

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 14 MAP NUMBER: NY-8,9,9a SITE NAME: Shooters Island

USGS QUAD: Elizabeth, NJ-NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 30" NORTH LONGITUDE 074° 09' 35" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources Group	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 51 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northern Staten Island, at confluence of Arthur Kill and Kill Van Kull

PHYSICAL DESCRIPTION: Uninhabited, partially wooded island surrounded by remains of shipbuilding industry and other debris; one of the largest uninhabited islands in the Manhattan Hills eco-region

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, including wading birds (egrets, herons, and ibises), diving coastal seabirds (cormorants), surface feeding coastal seabirds (gulls), waterfowl (ducks)

HABITAT: Provides rare, undisturbed upland environment; significant colonial waterbird nesting area (herons especially); small patches of salt marsh scattered around the shoreline; drift material and debris around island is dense enough to form tidal pools.

THREATENED/
ENDANGERED:

OTHER (RR): One of three colonial waterbird rookeries in the Harbor Herons ecosystem; NY State Significant Coastal Habitat; cultural resources (incl. potential prehistoric archaeological sites and artifacts); potential recreation area

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks, State of New Jersey

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Port Authority Beach, Staten Island

COLLECTION POINTS:

OTHER (RC): Managed by NYC Parks and Recreation

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 8000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 16 MAP NUMBER: NY-8,9,9a SITE NAME: Old Place Creek and marshes

USGS QUAD: Elizabeth, NJ-NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 10" NORTH LONGITUDE 074° 11' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northwest corner of Staten Island, on Arthur Kill; Goethals Bridge areaPHYSICAL DESCRIPTION: Meandering tidal creek draining tidal and freshwater wetlands and high marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ AWILDLIFE: Birds, including wading birds (herons, egrets, and ibises), shorebirds, and waterfowlHABITAT: Feeding grounds for egrets and other wading birds from nearby colonies; wintering area for waterfowl; migratory stopoverTHREATENED/
ENDANGERED:OTHER (RR): NYC Parks is conducting an extensive marsh restoration project in this area;\Part of the Harbor Herons ecosystem

RESPONSE CONSIDERATIONS

OWNERSHIP: NY City / GATX / Bayway Refinery

ACCESS:VEHICLE ☒ XBOAT ☒ XSTAGING AREAS: Elizabeth Marina (M1) - (908) 820-4296COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒ X

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 19 MAP NUMBER: NY-9, 9a SITE NAME: Pralls Creek

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 36' 30" NORTH LONGITUDE 074° 12' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks and Rec	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northwest Staten Island / Arthur Kill; between Pralls Island and Staten Island

PHYSICAL DESCRIPTION: Tidal connection between Sawmill Creek marshes and Arthur Kill

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, invertebrates

HABITAT: Potential feeding area for birds at low tide

THREATENED/
ENDANGERED:

OTHER (RR): NYC Parks is conducting an extensive marsh restoration project in this area; part of the Harbor Herons ecosystem; Pralls Island is managed by NYC Audubon Society as an urban wildlife refuge; NYC Parks Preserve

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input type="checkbox"/>	Northern outlet is navigable by shallow draft boats only
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Linden Northville Terminal - (732) 862-5740

COLLECTION POINTS:

OTHER (RC): Southern outlet used by sand/gravel barges

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input checked="" type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 20 MAP NUMBER: NY-9,9a,9b SITE NAME: Sawmill Creek Marshes

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 36' 30" NORTH LONGITUDE 074° 11' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 150 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northwest Staten Island, east of Prall's Island; Arthur Kill

PHYSICAL DESCRIPTION: Freshwater to tidal marsh on Sawmill and Merrell's Creeks; includes Chelsea Marsh and Merrell's Marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISKSEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Southern leopard frog (see below); wading birds, including herons, egrets, ibises, and bitterns; waterfowl, including ducks and geese; shorteared owl; invertebrates

HABITAT: Shallow, freshwater marshes are breeding habitat for frogs; intertidal marsh areas between Merrell's Creek and Sawmill Creek are rich in invertebrates and used heavily for feeding by wading birds from adjacent rookery; freshwater wetlands provide winter

THREATENED/ENDANGERED: Chelsea Marsh is one of few known locations in New York of southern leopard frogs, which is a species of special concern for the State; northern harrier

OTHER (RR): Part of the Harbor Herons ecosystem; NY State Significant Coastal Habitat; Saw Mill Creek Preserve was recently designated as a NYC Parks Refuge; NYC Parks is conducting an extensive marsh restoration project in this area

RESPONSE CONSIDERATIONS

OWNERSHIP: Private and public

ACCESS:VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Linden Northville Terminal - (732) 862-5740

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 21 MAP NUMBER: NY-9,9a,9b SITE NAME: Pralls Island

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 36' 30" NORTH LONGITUDE 074° 12' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 88 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill, northwest Staten Island

PHYSICAL DESCRIPTION: Uninhabited, densely wooded island with tidal wetlands around perimeter; large, undisturbed upland and wetland environment; intertidal areas of peat/asphalt

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE: Wading birds, including herons, egrets, and ibises; surface feeding coastal seabirds, including gulls; waterfowl, including ducks and geese

HABITAT: Important nesting area for large numbers of colonial waterbirds (especially herons) as there is a relative shortage of suitable nesting areas in the region; largest active heronry in the region and may comprise one of the largest in New York state

THREATENED/
ENDANGERED:

OTHER (RR): Managed by NY City Audubon Society as an urban wildlife refuge; one of three colonial waterbird rookeries within the Harbor Herons ecosystem; NY State Significant Coastal Habitat; NYC Parks Preserve; NYC Parks is conducting an extensive salt marsh restoration

RESPONSE CONSIDERATIONS

OWNERSHIP: City of New York

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Linden Northville Terminal - (732) 862-5740

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 7500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 22 MAP NUMBER: NY-9,9a,9b SITE NAME: Neck Creek Marsh

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 35' 50" NORTH LONGITUDE 074° 11' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources Group	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 60 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northwest Staten Island, south of Prall's Island; Arthur Kill

PHYSICAL DESCRIPTION: Creek draining freshwater and tidal wetlands, and relatively undisturbed high marsh; culverts are the only remaining connect to tidal ebb and flow for this wetland system

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, including wading birds (herons, egrets, ibises), shorebirds, and waterfowl (including black ducks); shellfish

HABITAT: Feeding area for wading bird colonies on Pralls Island and Isle of Meadows; stopover and wintering area for migratory birds

THREATENED/
ENDANGERED:

OTHER (RR): Part of the Harbor Herons ecosystem; NYC Parks is conducting an extensive salt marsh restoration project in this area

RESPONSE CONSIDERATIONS

OWNERSHIP: Con-Ed / Private / City of New York

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Linden Northville Terminal - (732) 862-5740\Amoco Oil Marine Terminal - (732) 541-5131

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 24 MAP NUMBER: NY-9, 9b SITE NAME: Fresh Kills

USGS QUAD: Arthur Kill, NY - NJ NOAA CHART # 12327,12331 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 34' 30" NORTH LONGITUDE 074° 12' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 1000 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Western Staten Island

PHYSICAL DESCRIPTION: Largest tidal wetland complex in the Manhattan Hills eco-region; Main Creek, Springville Creek, & Richmond Creek converge to form Fresh Kills Channel

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Waterfowl, including geese and ducks; shorebirds, wading birds, raptors, and passerines utilize the area; mammals; possibly turtles (although not confirmed since 1967); freshwater and anadromous fish, shellfish (mussels), invertebrates

HABITAT: Nesting area for waterfowl, shorebirds, and others; stopover during Spring and Fall bird migrations; the extensive network of tidal creeks and freshwater inflows provides potential spawning and nursery habitats for resident freshwater and anadromous fish.

THREATENED/
ENDANGERED:

OTHER (RR): NY State Significant Coastal Habitat and part of the Harbor Herons ecosystem; William T. Davis wildlife refuge is north of Travis Avenue has a significant raptor population in winter

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: AMOCO Marine Oil Terminal - (732) 541-5131

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 25 MAP NUMBER: NY-9, 9b SITE NAME: Smith Creek

USGS QUAD: Perth Amboy, NJ-NY NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 2 LATITUDE 40° 33' 00" NORTH LONGITUDE 074° 15' 18" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Lower Arthur Kill / Sewaren, NJ

PHYSICAL DESCRIPTION: Pocket marsh about 1 1/2 miles long by 3/4 mile wide, surrounded on the western shore by industry, including rail yards and refineries.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Nesting waterfowl, including mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, Canada Geese, and mute swans; hooded, red breasted, and common mergansers (fall-winter); canvasback, scaup, gadwalls, buffleheads (open water, winter); pintails and wigeon (migrating, Oct-Mar); blue crabs; killifish, weakfish, bluefish, winter flounder

HABITAT: Nesting area for numerous waterfowl species; important open water area for mergansers and wintering waterfowl; waterfowl migratory stopover; nursery area for important forage and predatory species of fish

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ X Some vehicle access
BOAT ☒ X

STAGING AREAS: Municipal Boat Ramp

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ X
RECOVERY ☐
PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 26 MAP NUMBER: NY-9, 9b SITE NAME: Woodbridge Creek

USGS QUAD: Perth Amboy, NJ-NY NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 2 LATITUDE 40° 32' 25" NORTH LONGITUDE 074° 15' 15" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Lower Arthur Kill, Sewaren / Perth Amboy, NJ

PHYSICAL DESCRIPTION: Tributary approximately 4 miles long flowing into the Arthur Kill; width varies from 1/4 mile to 3/4 mile; bordered by urban ar on the west and northeast sides

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Nesting waterfowl, including mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. Geese, and mute swans; hoode red breasted, and common mergansers (fall - winter); canvasback, scaup, gadwalls, buffleheads (open water, winter); pintails and wigeon (migrating, Oct-Mar); blue crabs; feeding mammals, incl muskrats, foxes, racoons, skunk; finfish

HABITAT: Nesting area for numerous waterfowl species; important open water area for mergansers and wintering waterfowl; waterfowl migratory stopover; nursery area for weakfish and bluefish, and forage species including killifish and bay anchovy

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Municipal Boat Ramp

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 27 MAP NUMBER: NY-9,9b,11 SITE NAME: Raritan River

USGS QUAD: South/Perth Amboy, NJ NOAA CHART # 12331/32, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 1, 2 LATITUDE 40° 29' 40" NORTH LONGITUDE 074° 16' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Lower NY Harbor / western end of Raritan Bay; South Amboy / Perth Amboy, NJ

PHYSICAL DESCRIPTION: Meandering Piedmont River, with tidal marshes flanking the river for 5 miles; meanders through low rolling hills for 20 nm; tide influence extends at least 12 nm upstream

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Fish - springtime includes alewife, blueback herring, and shad (small runs); striped bass; forage species, incl killifish, bay anchovy, and menhaden; blue crab; Nesting birds, incl mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, and mute swans; hooded, red breasted, common mergansers (FA-WI); canvasback, scaup, gadwalls, buffleheads (WI); mammals

HABITAT: Spring fish runs; nursery area for striped bass and forage fish; blue crabs at mouth; nesting area for waterfowl; important open water area; mergansers and wintering waterfowl; migratory area for pintails and wigeon (Oct-Mar).

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Sandy Point Beach

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 29 MAP NUMBER: NY-12 SITE NAME: Matawan Creek

USGS QUAD: Keyport, NJ - NY NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 3 LATITUDE 40° 26' 15" NORTH LONGITUDE 074° 12' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southern Raritan Bay / Keyport, NJ

PHYSICAL DESCRIPTION: Tidal tributary approximately 2 miles long by 1/2 mile wide; banks consist of salt marsh and other vegetation

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Fish - summer includes striped bass, weakfish, and bluefish; crustaceans, including blue crab; Nesting birds, including mallard, black duck, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, and mute swans; hooded, red breasted, common mergansers (FA-WI); canvasback, scaup, gadwalls, buffleheads (WI); mammals, including muskrats, red fox, racoons, skunks

HABITAT: Summer nursery area for finfish; nesting area for waterfowl; important open water area for mergansers and wintering waterfowl; migrator area for pintails and wigeon (Oct-Mar)

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒ XBOAT ☒ XSTAGING AREAS: Wagner's Marina (M13) - (732) 583-6930/(732) 566-5821 (Night)COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 31 MAP NUMBER: NY-12, 13 SITE NAME: Compton Creek

USGS QUAD: Sandy Hook, NJ - NY NOAA CHART # 12401, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 6 LATITUDE 40° 26' 07" NORTH LONGITUDE 074° 04' 56" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southern side of Sandy Hook Bay / Town of Belford, NJ; Monmouth County

PHYSICAL DESCRIPTION: Meandering creek and associated tidal marshes, approximately 2 miles long and 1/2 mile wide; wide marsh area at mouth; Belford Harbor forms creek entrance

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Fish, incl bluefish, weakfish, and winter flounder; forage species, incl killifish & bay anchovy; blue crabs (SP-SU-FA); Nesting birds, incl mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, and mute swans; hooded, red breasted, common mergansers (FA-WI); canvasback, scaup, gadwalls, buffleheads (WI); mammals

HABITAT: Nursery area for finfish; nesting area for waterfowl; important open water area for mergansers and wintering waterfowl; migratory area for pintails and wigeon (Oct-Mar); feeding area for red fox, racoons, skunks; living and feeding area for muskrats

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Monmouth Cove Marina - (732) 945-9400

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 32 MAP NUMBER: NY-12, 13 SITE NAME: Ware Creek

USGS QUAD: Sandy Hook, NJ - NY NOAA CHART # 12401, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 6 LATITUDE 40° 25' 45" NORTH LONGITUDE 074° 04' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southern side of Sandy Hook Bay / east of Belford, NJ; Monmouth County\

PHYSICAL DESCRIPTION: Small tidal creek and associated marshes; with Compton Creek and several other minor creeks, a complex is formed which empties into a large marsh about 2 miles wide

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Fish, incl bluefish, weakfish, and winter flounder; forage species, incl killifish & bay anchovy; blue crabs (SP-SU-FA); Nesting birds, incl mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, and mute swans; hooded, red breasted, common mergansers (FA-WI); canvasback, scaup, gadwalls, buffleheads (WI); mammals

HABITAT: Nursery area for finfish; nesting area for waterfowl; important open water area for mergansers and wintering waterfowl; migratory area for pintails and wigeon (Oct-Mar); feeding area for red fox, racoons, skunks; living and feeding area for muskrats

THREATENED/
ENDANGERED:

OTHER (RR): Most important commercial fishing port in northern Monmouth County, with approximately 30 commercial fishing vessels

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

For boat access, depth (mid-width) of channel to entrance of creek is approximately 8 feet;\between creek entrance and swing bridge, depth varies from 4 to 9 feet

STAGING AREAS: Monmouth Cove Marina - (732) 222- 3492

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 33 MAP NUMBER: NY-12, 13 SITE NAME: Shrewsbury River

USGS QUAD: Sandy Hook, NJ - NY NOAA CHART # 12327, 12401 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 6 LATITUDE 40° 24' 30" NORTH LONGITUDE 073° 59' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southeastern Sandy Hook Bay / Highlands, NJ; Monmouth County

PHYSICAL DESCRIPTION: Drowned river valley, approx 6 miles long, comprised of rivers and creeks; mouth is composed of low tidal marshes as it progresses north; banks & bluffs to the west

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Molluscs and crustaceans; finfish, including striped bass, bluefish, blackfish (SP-SU-FA), & white perch (year round); nesting birds, incl mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, and mute swans; hooded, red breasted, common mergansers; wintering canvasback, scaup, gadwalls, bufflehead; mammals-muskrat, racoon, fox, skunk, otter

HABITAT: Nursery area for striped bass; nesting area for waterfowl; important open water area for mergansers (FA-WI) and wintering waterfowl; migratory area for pintails and wigeon (Oct-Mar)

THREATENED/
ENDANGERED:

OTHER (RR): Commercial and recreational quantities of hard clams, soft clams, and small areas of oyster near Red Bank; recreational blue crab area

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: AH Municipal Marina (M15) - (732) 291-1670 / (732) 681-1425 (night)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 37 MAP NUMBER: NY-10 SITE NAME: East Rockaway Inlet

USGS QUAD: Far Rockaway/Lawrence, NY NOAA CHART # 12350, 12352 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor/LI ESI MAP # 15/1 LATITUDE 40° 35' 20" NORTH LONGITUDE 073° 45' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 USFWS/D. Edelstein	1 Long Island Field Office - Ecological	1 (516)581-2941
2 Hempstead/J. Zarudsky	2 Wildlife Biologist-Hempstead Dept. c	2 (516)897-4126
3 NYSDEC F&W/Joe Pay	3 Mike Scheibel-endangered species	3 (516)444-0312

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: 2.3 kts

GEOGRAPHIC LOCATION: Southwest shore of Long Island, Far Rockaway/Averne/Long Beach area; Queens and Nassau Counties

PHYSICAL DESCRIPTION: Inlet bounded by Rockaway Beach (Far Rockaway/Averne) to the north and the western tip of Long Beach peninsula (Atlantic Beach) to the south

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Fish, including American shad, atlantic sturgeon, American eel, blueback herring, alewife, atlantic menhaden, white perch, striped bass, b sea bass, weakfish, spot, atlantic croaker, northern kingfish, summer flounder, winter flounder, northern puffer, bluefish, cod, scup, tautog shellfish, including blue crab

HABITAT: Sand beach and dunes provide critical nesting habitat for terns and plovers

THREATENED/ ENDANGERED: Piping plover on both sides of inlet (March 15 - Sept 15); least tern on Atlantic beach (NY State listed; March 15 - Sept 30), seabeach amaranth on Rockaway beach (March 15 - Sept 15)

OTHER (RR): Silver Point County Park on western tip of Long Beach peninsula (Atlantic beach)

RESPONSE CONSIDERATIONS

OWNERSHIP: Silver Point County Park / Nassau County

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 40 MAP NUMBER: 1 SITE NAME: Hampstead Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS LONG ISLAND SOUND ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Brewers Marina	1 AREA	1 (516)674-0113
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 54 MAP NUMBER: SITE NAME: Rye Beach

USGS QUAD: Rye NOAA CHART # River Mile:

NOAA ESI ATLAS LONG ISLAND SOUND ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 56 MAP NUMBER: NY-12, 13 SITE NAME: Spermaceti Cove

USGS QUAD: Sandy Hook, NJ - NY NOAA CHART # 12401, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 6 LATITUDE 40° 25' 20" NORTH LONGITUDE 073° 59' 25" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 3 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Eastern Sandy Hook Bay / western Sandy Hook, NJ; Monmouth county

PHYSICAL DESCRIPTION: Shallow embayment and tidal marsh approximately 1/2 mile by 1/2 mile in size; part of the Gateway National Recreation Area

SHORELINE TYPE (ESI) RANK

EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS	<input checked="" type="checkbox"/>	MARSHES	<input checked="" type="checkbox"/>
WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input checked="" type="checkbox"/>		

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Molluscs (see below); crustaceans, incl blue and green crabs; birds, incl wintering scaup, goldeneye, and buffleheads; nesting mallard, t ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, and mute swans; canvasback, scaup, gadwalls, and bufflehead (open water FA-WI); migrating pintails and wigeon (Oct-Mar)

HABITAT: Important rafting area for wintering waterfowl (flocks of thousands); important nesting area, open water area, and migratory stopover for waterfowl

THREATENED/ENDANGERED:

OTHER (RR): Commercial quantities of hard clams and soft clams; green crabs are important bait species

RESPONSE CONSIDERATIONS OWNERSHIP: National Park Service

ACCESS:

VEHICLE ☒ Depth at cove entrance approximately 1 foot

BOAT ☒

STAGING AREAS: Harborside Marine (732) 291-4440

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ X

RECOVERY ☐

PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 57 MAP NUMBER: NY-8, 9, 9a SITE NAME: Singer Flat

USGS QUAD: Elizabeth, NJ - NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 39' 30" NORTH LONGITUDE 074° 09' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Entrance to Newark Bay, just south of Port Elizabeth Marine Terminal, NJ

PHYSICAL DESCRIPTION: Shallow water area with extensive tidal flats

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☐ FALL ☒ A WINTER ☒ A

WILDLIFE: Fish, including striped bass, bluefish, weakfish, and winter flounder; forage fish; crustaceans; wintering canvasback, scaup, goldeneye, buffleheads; hooded, red breasted, and common mergansers (FA-WI); migrating pintail and wigeon (Oct-Mar)

HABITAT: Nursery area for finfish; wintering area for waterfowl; open water area for mergansers; migratory stopover for pintail and wigeon

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Elizabeth Marina (M1) - (908) 820-4296

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 58 MAP NUMBER: NY-8 SITE NAME: Port Newark Channel

USGS QUAD: Elizabeth, NJ - NY NOAA CHART # 12327, 12337 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 41' 20" NORTH LONGITUDE 074° 08' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Newark Bay / Port Newark, NJ; just east of Newark International Airport

PHYSICAL DESCRIPTION: Manmade channel dredged through a shallow water tidal area approximately one mile long by 100 yards wide

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Fish, including juvenile striped bass, bluefish and weakfish (SP-SU-FA); blue crabs (SP-SU-FA); benthic food organisms (year round); wintering waterfowl, including canvasback, scaup, goldeneye, and buffleheads; hooded, red breasted, and common mergansers (FA-WI)

HABITAT: Concentration area for juvenile fish, crustaceans, and benthic organisms; waterfowl wintering area

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Port Newark Face Pier - (201) 963-7111

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 59 MAP NUMBER: NY-8 SITE NAME: Elizabeth Channel

USGS QUAD: Elizabeth, NJ - NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 40' 45" NORTH LONGITUDE 074° 08' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Newark Bay / Port Newark, NJ

PHYSICAL DESCRIPTION: Manmade channel dredged through shallow tidal area approximately one mile long by 100 yards wide by 30 feet deep.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Large numbers of juvenile fish (SP-SU-FA) including striped bass, bluefish, and weakfish; blue crabs (SP-SU-FA); benthic organisms (important food organism throughout the year); waterfowl, including canvasback, scaup, goldeneye, and buffleheads; hooded, red breast and common mergansers (FA-WI)

HABITAT: Concentration area for juvenile fish, crustaceans, and benthic organisms; waterfowl wintering area

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Port Newark Face Pier (201) 963-7111

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 60 MAP NUMBER: NY-1, 2 SITE NAME: Udall's Cove

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 47' 00" NORTH LONGITUDE 073° 44' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYS DEC	1 Natural Resources	1 (718) 482-6464
2 NYC Parks	2 Natural Resources Group	2 (212) 360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 120 acres TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southeast end of Little Neck Bay; Queens and Nassau Counties

PHYSICAL DESCRIPTION: One of the last undeveloped tidal salt marshes in northern NY City on Long Island; high concentrations of fish and wildlife are unusual in the NY City metro area

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Shorebirds and wading birds, including black-crowned night heron, snowy egret, least bittern, green heron, and marsh wren; waterfowl, including ducks and geese; mammals, including muskrat, opossum, and raccoon; finfish, including flounder, striped bass, eel, and killifish; shellfish, including crabs, lobster, mussels, and clams

HABITAT: Includes tidal shallows and salt marsh, and undeveloped upland (including Udall's Cove Ravine); nesting area, migratory stopover, and wintering area for waterfowl; striped bass and forage fish nursery

THREATENED/
ENDANGERED:

OTHER (RR): Area is used for recreational activities including birdwatching, hiking, and nature study; NY State Significant Coastal Habitat

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks / New York State

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: USCG Station Ft. Totten (M23) - (718) 352-4422

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 750 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 61 MAP NUMBER: NY-9,9b,12 SITE NAME: Lemon Creek

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12327, 12331 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 30' 45" NORTH LONGITUDE 074° 12' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 70 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Raritan Bay / Southern shore of Staten Island; Princes Bay

PHYSICAL DESCRIPTION: Salt / coastal freshwater marsh bisected by a meandering creek channel, bordered by a mixture of residential development & woodlands; intermittent stream

SHORELINE TYPE (ESI) RANK

EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS	<input checked="" type="checkbox"/>	MARSHES	<input checked="" type="checkbox"/>
WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input checked="" type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Birds, including wading birds, waterfowl, shorebirds, and passerine species; only known colony of purple martins in NY City; mammals, amphibians, commercial and recreational fishes, invertebrates

HABITAT: Only undisturbed tidal wetland area remaining on the south shore of Staten Island, including a tidal freshwater marsh; breeding and feeding area for birds, migratory stopover in spring and fall, wintering area for waterfowl

THREATENED/ENDANGERED:

OTHER (RR): NY State/City of NY conservation area; recreational/educational/scientific area; at mouth of creek is a commercial waterfront with boat ramp, marina, fishing pier, and restaurant

RESPONSE CONSIDERATIONS OWNERSHIP: NY City (southern 1/2)/NY State (north 1/2)

ACCESS:

VEHICLE ☒ X

BOAT ☒ X

STAGING AREAS: Princess Bay / Saguine Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ X

RECOVERY ☐

PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 62 MAP NUMBER: NY-2, 3 SITE NAME: North Brother Island

USGS QUAD: Central Park, NY NOAA CHART # 12339, 12342 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 48' 00" NORTH LONGITUDE 073° 54' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks/Marc Matsil	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 15 acres TIDAL RANGE 7 - 8 ft MAX CURRENTS: 1.5 kts

GEOGRAPHIC LOCATION: East River, northwest of Rikers Island

PHYSICAL DESCRIPTION: Small uninhabited island, 0.2 nm long; mix of abandoned buildings and deciduous woods

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, including egrets, black-crowned night herons, herring gulls, great black-backed gulls, and Canada geese

HABITAT: Rare, undisturbed upland environment; productive breeding area for birds, especially colonial waterbirds; migratory stopover and wintering area

THREATENED/
ENDANGERED:

OTHER (RR): NY State Significant Coastal Habitat

RESPONSE CONSIDERATIONS

OWNERSHIP: City of New York

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Port Morris or Hunt's Point, Bronx

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH _____ ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 63 MAP NUMBER: NY-9, 9b SITE NAME: Mill Creek, Staten Island

USGS QUAD: Arthur Kill, NY - NJ NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 31' 15" NORTH LONGITUDE 074° 14' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Southwest Staten Island / Totenville

PHYSICAL DESCRIPTION: Tidal creek

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Birds

HABITAT: Tidal and freshwater marshes; tidal flats are feeding area for birds

THREATENED/
ENDANGERED:

OTHER (RR): Anchorage area

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐

BOAT ☒

STAGING AREAS: Totenville Marina (M41) - (718) 948-7520

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒

RECOVERY ☐

PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 64 MAP NUMBER: NY-10 SITE NAME: Breezy Point

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12350, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 33' 00" NORTH LONGITUDE 073° 56' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 USFWS/D. Edelstein	1 Long Island Field Office - Ecological	1 (516)581-2941
2 NPS/Don Riepe	2	2 (718)318-4348
3 NYSDEC/Joe Payne	3 Fish and Wildlife	3 (718)482-4922

SITE DESCRIPTION SITE AREA: 290 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Western tip of Rockaway Peninsula, Queens County; part of Gateway National Recreation Area

PHYSICAL DESCRIPTION: Peninsula; marine barrier beach with sparsely vegetated dunes; also a small swale area with brackish wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Birds, including common terns, shorebirds (including oystercatchers and killdeer), migrating raptors (northern harriers and peregrine falcon), American black duck, and passerine species; fish, including striped bass, summer flounder, bluefish, mackerel, cod, scup, and tautog

HABITAT: Feeding, breeding, and migration area for birds

THREATENED/ENDANGERED: Largest conc. of piping plovers (Mar 15-Sep15) & least terns (NYS; Mar 15-Sep 30) in NY State; peregrine falcons (fall/winter); northern harriers (NYS); seabeach amaranth (Mar 15-Sep 15)

OTHER (RR): Significant research area

RESPONSE CONSIDERATIONS

OWNERSHIP: National Park Service / Breezy Point Coop

ACCESS:

VEHICLE ☒BOAT ☐

Belt Parkway to exit 11S, cross Gil Hodges Bridge, first exit right, straight on Beach Channel Drive, then Rockaway Point Blvd to the end (approx 3 miles). NPS headquarters is at Fort Tilden.

STAGING AREAS: USCG Station Rockaway (M56) - (718)634-2848

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 65 MAP NUMBER: NY-1, 2 SITE NAME: Alley Creek

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 46' 10" NORTH LONGITUDE 073° 45' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417\NYC Par
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 225 acres TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southern end of Little Neck Bay / north shore of Queens

PHYSICAL DESCRIPTION: Tidal creek channel; large tidal wetland habitat is unusual in the East River and western Long Island Sound area

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including waterfowl (black duck, mallard, Canada Goose), shorebirds, raptors, passerines, wading birds (green-backed and other herons), and others; mammals, reptiles, shellfish (including crabs, mussels, and hard clams), finfish (including bluefish, striped bass, scu Atlantic silversides, menhaden, and winter flounder), invertebrates

HABITAT: Creek with high and low marsh, mud flats; spring and fall migratory stopover for birds; feeding and wintering area for waterfowl and shore

THREATENED/
ENDANGERED: Northern harrier overwinter here; diamondback terrapin (occasional use)

OTHER (RR): NY State Significant Coastal Habitat; Alley Pond Park is operated as a conservation, education, and recreation area with 30,000 visitors annually; NYC Parks has received funding to restore 20 acres of salt marsh; restoration begins 1995-1997

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks / private

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: USCG Station Ft. Totten (M23) - (718) 352-4422

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 200 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 66 MAP NUMBER: NY-9, 9b SITE NAME: Island of Meadows

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 34' 30" NORTH LONGITUDE 074° 12' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Dept of Sanitation	1 Engineering/Phil Gleason	1 (212)837-8228
2 NYC Parks	2 Natural Resources Group	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 101 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Western Staten Island, at the confluence of the Arthur Kill and Fresh Kills Channel

PHYSICAL DESCRIPTION: Dredge spoil island with extensive areas of intertidal and high marsh along the northern and western shores; important wading bird rookery

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE: Wading birds, including herons, egrets, and ibises; gulls

HABITAT: Important nesting and feeding area for wading birds; Little Fresh Kills (north of the island) is a favorite foraging site for immature birds

THREATENED/
ENDANGERED:

OTHER (RR): One of three colonial waterbird rookeries within the Harbor Herons ecosystem; NY State Significant Coastal Habitat; NYC Dept of Sanitation Wildlife Sanctuary; NYC Parks will be conducting extensive salt marsh restoration in this area in 1996

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks, NYC Dept of Sanitation

ACCESS:

VEHICLE ☐ Route 440 / Victory Blvd
BOAT ☒

STAGING AREAS: AMOCO Marine Oil Terminal - (732) 541-5131

COLLECTION POINTS:

OTHER (RC): Entire shoreline fenced

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 68 MAP NUMBER: NY-2, 3 SITE NAME: South Brother Island

USGS QUAD: Central Park, NY NOAA CHART # 12339, 12342 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 47' 50" NORTH LONGITUDE 073° 55' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks/Marc Matsil	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 10 acres TIDAL RANGE 7 - 8 ft MAX CURRENTS: 1.5 kts

GEOGRAPHIC LOCATION: East River, west of Rikers Island

PHYSICAL DESCRIPTION: Small uninhabited island, 0.1 nm long, rocky and wooded

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, including black-crowned night herons, great egrets, snowy egrets, cattle egrets, herring gulls, great black-backed gulls, double crows, cormorants, and Canada geese

HABITAT: Rare, upland environment; one of the most productive colonial waterbird nesting sites in the New York Metropolitan Region; principle nesting site for herring gulls and great black-backed gulls; migrating and wintering area

THREATENED/
ENDANGERED:

OTHER (RR): NY State Significant Coastal Habitat

RESPONSE CONSIDERATIONS

OWNERSHIP: City of New York

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Port Morris or Hunt's Point, Bronx

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH _____ ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 69 MAP NUMBER: NY-1, 2 SITE NAME: Turtle Cove

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 51' 30" NORTH LONGITUDE 073° 48' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 9 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northern Eastchester Bay / Bronx, on western Rodman Neck; part of Pelham Bay Park

PHYSICAL DESCRIPTION: Shallow cove with associated tidal flats and wetlands; part of the large, relatively undisturbed tidal wetlands complex within Pelham Bay Park

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MAN-MADE STRUCTURES
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	<input type="checkbox"/>

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including herons, waterfowl (numerous species), shorebirds, raptors, and passerines; finfish and shellfish; invertebrates; twelve pl: species considered rare by the NY State Heritage Program occupy the marsh areas of the Thomas Pell Wildlife Sanctuary

HABITAT: Breeding, feeding, and wintering area for birds comprised of high marsh, intertidal marsh, and salt flats; wetlands are used as a stopover during spring and fall migrations; nursery and feeding area for finfish and shellfish

THREATENED/ENDANGERED: Species in the area include osprey, northern harrier, short-eared owl, and diamondback terrapin (occasional use)

OTHER (RR): NY State Significant Coastal Habitat; Pelham Bay Park is managed by NYC Parks and used extensively by the public; Thomas Pell Wildl Sanctuary, one of three legislated sanctuaries in NYC, contains the largest, most pristine salt water wetlands.

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Ever Seaplane Base and Marina (M21) - (718) 863-9111

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 70 MAP NUMBER: NY-9,9b,12 SITE NAME: Mt. Loretto

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 30' 25" NORTH LONGITUDE 074° 12' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Raritan Bay / South shore of Staten Island, west of Princes Bay

PHYSICAL DESCRIPTION: Beach, tidal marsh, pond

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, including shorebirds and waterfowl

HABITAT: Feeding and overwintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Princess Bay / Saguine Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 71 MAP NUMBER: 9 SITE NAME: Gateway National Park

USGS QUAD: Staten Island NOAA CHART # River Mile:

NOAA ESI ATLAS NY HARBOR ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 9500 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 72 MAP NUMBER: NY-7,8 SITE NAME: Liberty State Park

USGS QUAD: Jersey City, NJ-NY NOAA CHART # 12334, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 8 LATITUDE 40° 41' 35" NORTH LONGITUDE 074° 03' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Upper New York Bay / Jersey City; across from the Statue of Liberty

PHYSICAL DESCRIPTION: State Park, approximately one mile by one mile, comprised of man-made structures, riprap, and bulkhead

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Finfish, including striped bass, Atlantic sturgeon, and shad; bluefish and weakfish (SU); shellfish, including large quantities of soft shell clams which are food for waterfowl; waterfowl, including canvasback, scaup, goldeneye, and buffleheads; hooded, red breasted, and common mergansers (FA-WI); mammals, including racoon, skunk, and red fox.

HABITAT: Nursery area for striped bass; the Hudson River is a migratory route for Atlantic sturgeon and shad; wintering area for waterfowl

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Liberty State Park (718) 243-0199

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 74 MAP NUMBER: NY-8,9,9a SITE NAME: Mariner's Marsh Embayment

USGS QUAD: Elizabeth, NJ - NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 30" NORTH LONGITUDE 074° 10' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northwest corner of Staten Island / Port Ivory; west of Holland Avenue, north of Richmond TerracePHYSICAL DESCRIPTION: Area of coastal shoals, sandbars, mudflats, intertidal marsh, and ship/pier remains, backed by high marsh; abandoned drydocks inland comprise freshwater marshes and ponds

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ AWILDLIFE: Birds, including herons, egrets, marsh wren, and shorebirds; fishHABITAT: Breeding, feeding, and wintering area; tidal wetlands / freshwater ponds; part of the Harbor Herons ecosystemTHREATENED/ Northern harrier (NYS threatened)
ENDANGERED:OTHER (RR): Heavy use by public for hiking

RESPONSE CONSIDERATIONS

OWNERSHIP: City of New York

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Staten Island Marina (M43) - (718)442-8018COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 650 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 75 MAP NUMBER: 8 SITE NAME: Slater Park

USGS QUAD: Elizabeth, NJ NOAA CHART # 12333,12327 River Mile:

NOAA ESI ATLAS NY HARBOR ESI MAP # 5 LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
	WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
	FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 77 MAP NUMBER: NY-2 SITE NAME: Flushing Bay - berm

USGS QUAD: Flushing, NY NOAA CHART # 12339, 12363 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 46' 00" NORTH LONGITUDE 073° 51' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources Group	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: w/v kts

GEOGRAPHIC LOCATION: East River / Flushing, Queens; adjacent to La Guardia Airport

PHYSICAL DESCRIPTION: Berm with adjacent tidal flats and tidal wetlands; grasslands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds

HABITAT: Feeding, migratory and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Port Authority / NYC Parks

ACCESS:

VEHICLE ☐

Adjacent channel to the east, depth = 14 feet; anchorage south, depth = 5 feet

BOAT ☒

STAGING AREAS: La Guardia Airport

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 78 MAP NUMBER: NY-1, 2 SITE NAME: Palmer Inlet

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12363 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 50' 30" NORTH LONGITUDE 073° 49' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Dr. Paul Mankiewicz	1 Gaia Institute	1 (718)885-1906
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 9 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: West shore of Eastchester Bay / Bronx, south of Pelham Bay Park; Spencer Estates

PHYSICAL DESCRIPTION: Small, shallow inlet with tidal flats and marshes

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, shellfish, finfish

HABITAT: Feeding and nursery grounds for finfish; breeding, migrating, and wintering area for birds; shellfish beds

THREATENED/
ENDANGERED:

OTHER (RR): Historic fishing wier at mouth of inlet; NYC Parks Natural Resources Group and the Gaia Institute are currently conducting salt marsh restoration projects in this area

RESPONSE CONSIDERATIONS

OWNERSHIP: Private

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Ever Seaplane Base and Marina (M21) - (718) 863-9111

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2400 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 79 MAP NUMBER: NY-13 SITE NAME: Shark River

USGS QUAD: Asbury Park, NJ NOAA CHART # 12324, 12326 River Mile:

NOAA ESI ATLAS DE/NJ/PA ESI MAP # 58 LATITUDE 40° 11' 15" NORTH LONGITUDE 074° 00' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Atlantic Ocean / Northern Coastal New Jersey; Asbury Park

PHYSICAL DESCRIPTION: A 3 by 5 mile drowned river valley, tidally driven through Shark River Inlet; southern side is primarily small bluffs and banks; extensive low saltmarsh rings the area

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISKSEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Shellfish, incl. hard clams, lobster (inlet), & blue crabs (SP-SU-FA); finfish, including winter flounder, y-o-y bluefish & weakfish; waterfowl, including mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. Geese, mute swans, canvasback, scaup, gadwalls, & buffleheads; common, hooded, & red breasted mergansers; migr. pintails and wigeon; mammals

HABITAT: Nursery area for finfish; nesting and wintering area for waterfowl; important open water area for mergansers (FA-WI); migratory route for pintails and wigeon (Oct-Mar)

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Hamptons and Haven, Belmar

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 375 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 80 MAP NUMBER: NY-13 SITE NAME: Manasquan River

USGS QUAD: Point Pleasant, NJ NOAA CHART # 12324, 12323 River Mile:

NOAA ESI ATLAS DE/NJ/PA ESI MAP # 57 LATITUDE 40° 06' 05" NORTH LONGITUDE 074° 01' 55" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Atlantic Ocean / southern Monmouth County, NJ; Manasquan

PHYSICAL DESCRIPTION: 12 mile long drowned river valley emptying into the ocean through Manasquan Inlet; area has large numbers of marinas, and commercial vessels are located near the inlet

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Shellfish, incl. hard and soft clams; finfish, incl. summer flounder, bluefish, weakfish, killifish, bay anchovy, silversides, & menhaden; waterfowl, including mallard, black ducks, blue/green wing teal, gadwalls, ruddy ducks, coot, C. Geese, mute swans, canvasback, scaup, gadwalls, & buffleheads; common, hooded, & red breasted mergansers; migr. pintails and wigeon; mammals

HABITAT: Nursery area for summer flounder, bluefish, and weakfish; nesting and wintering area for waterfowl; important open water area for mergansers (FA-WI); migratory route for pintails and wigeon (Oct-Mar)

THREATENED/
ENDANGERED:

OTHER (RR): Western end is bordered by a wildlife management area

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Fishermans Cove

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 450 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 81 MAP NUMBER: NY-10 SITE NAME: Dead Horse Bay / Gerritsen Inlet

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12350, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 35' 00" NORTH LONGITUDE 073° 54' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks/Marc Matsil	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Entrance to Jamaica Bay / west of Floyd Bennett Field, Brooklyn;\Gateway National Recreation Area

PHYSICAL DESCRIPTION: Dead Horse Bay consists of extensive mudflats and marsh, while Gerritsen Creek (Marine Park) is a combination of short gr. meadow adjacent to intertidal and high marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Diamondback terrapin; birds, including wintering harrier, wintering short-eared owl, and common and little terns

HABITAT: Feeding and nesting area for terns

THREATENED/
ENDANGERED:

OTHER (RR): Gateway NRA is a federally protected area

RESPONSE CONSIDERATIONS

OWNERSHIP: National Park Service

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Venice Yacht Club (M33) - (718) 646-2640\Barren Island Marina (M34) - (718) 338-4200

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2700 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 82 MAP NUMBER: NY-10 SITE NAME: Mill Basin / Four Sparrows Marsh

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 36' 20" NORTH LONGITUDE 073° 53' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: 40 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: West Jamaica Bay / Brooklyn; north of Floyd Bennett Field; Flatbush Ave. and Avenue U

PHYSICAL DESCRIPTION: Wetlands at entrance to basin and on eastern shore of East Mill Basin; Four Sparrows Marsh is a 40 acre intertidal marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Birds, including clapper rail, black-crown night heron, and green-backed heron

HABITAT: Feeding, migratory and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR): Area east of Belt Parkway is Gateway NRA, which is a federally protected area

RESPONSE CONSIDERATIONS

OWNERSHIP: National Park Service (east of Belt Parkway)

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Bergen Beach Yacht Club (M6) - (718) 251-9792\

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 83 MAP NUMBER: NY-1, 2 SITE NAME: Hutchinson River

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 51' 40" NORTH LONGITUDE 073° 48' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks/Marc Matsil	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 475 acres* TIDAL RANGE 7 - 9 ft MAX CURRENTS: 0.8 kts

GEOGRAPHIC LOCATION: Northern Eastchester Bay / Bronx; part of Pelham Bay Park

PHYSICAL DESCRIPTION: Large, relatively undisturbed tidal wetlands complex on the eastern shore of the Hutchinson River (*including upper Eastche: Bay)

SHORELINE TYPE (ESI) RANK

EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input checked="" type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Birds, including herons, waterfowl (numerous species), shorebirds, raptors, and passerines; twelve plants species considered rare by the State Heritage Program occupy the marsh areas of the Thomas Pell Sanctuary; finfish and shellfish (incl. striped bass, bluefish, A. silversides, menhaden, winter flounder, clams, mussels, oysters, crabs); invertebrates, mammals

HABITAT: Breeding, feeding, and wintering area for birds comprised of high marsh, intertidal marsh, and salt flats on the eastern shore of the river; use the wetlands as a stopover during spring and fall migrations; nursery and feeding area for finfish.

THREATENED/ENDANGERED: Osprey, northern harrier, short-eared owl, diamondback terrapin (occasional use)

OTHER (RR): NY State Significant Coastal Habitat; Pelham Bay Park is managed by NYC Parks and used extensively by the public; Thomas Pell Wild Sanctuary, one of three legislated sanctuaries in NYC, contains the largest, most pristine salt water wetland.

RESPONSE CONSIDERATIONS OWNERSHIP: NYC Parks

ACCESS:

VEHICLE ☐

BOAT ☒

STAGING AREAS: Ever Seaplane Base and Marina (M21) - (718) 863-9111

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ X

RECOVERY ☐

PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 84 MAP NUMBER: NY-1, 2 SITE NAME: Pelham Lagoon

USGS QUAD: Flushing & Mt. Vernon, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17,18 LATITUDE 40° 53' 00" NORTH LONGITUDE 073° 47' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks/Marc Matsil	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 275 acres TIDAL RANGE 7 - 9 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Bronx / Pelham Bay Park, north shore

PHYSICAL DESCRIPTION: Mile long shallow embayment and wetland complex which remains in essentially natural condition; one of two major coastal wetland areas within Pelham Bay Park

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISKSEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Birds, including herons, waterfowl, shorebirds, raptors, and passerine birds; finfish and shellfish; invertebrates

HABITAT: Breeding, wintering, migrating, and feeding area with rocky intertidal shore and small areas of marsh and sand beach; nursery area for finfish/shellfish; major staging area for fall migrating osprey; the lagoon is a natural fish trap for bluefish.

THREATENED/ENDANGERED: Diamondback terrapin have been regularly observed during spring and summer, and may be breeding here; migrating osprey use the area extensively; other bird species frequent the area

OTHER (RR): NY State Significant Coastal Habitat; Pelham Bay Park is managed by NYC Parks and used extensively by the public

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks

ACCESS:VEHICLE ☐BOAT ☒

STAGING AREAS: Wright Island Marinas (M17) (914) 235-8013

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1600 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 85 MAP NUMBER: NY-1, 2 SITE NAME: Hunter and Twin Islands

USGS QUAD: Flushing & Mt. Vernon, NY NOAA CHART # 12366, 12364 River Mile: NOAA123

NOAA ESI ATLAS NY Harbor ESI MAP # 17,18 LATITUDE 40° 52' 30" NORTH LONGITUDE 073° 47' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Dr. Paul Mankiewicz	1 Gaia Institute	1 (718)885-1906
2 NYC Parks	2 Natural Resources Group	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 9 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Western Long Island Sound / Bronx; Pelham Bay Park, northeastern extent

PHYSICAL DESCRIPTION: Rocky intertidal zone between Hog Island and Twin Islands, and rocky shoreline, tidal flats, and tidal marsh vegetation of Hunter/Twin Islands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT: Rocky shoreline and supported biotic community are considered rare by the State of New York

THREATENED/ENDANGERED: Osprey utilize adjacent Pelham Lagoon; other species in the area include diamondback terrapin, northern harrier, and short-eared owl

OTHER (RR): NY State Significant Coastal Habitat; Pelham Bay Park is managed by NYC Parks and used extensively by the public; Hunter Island Marine Geology-Zoology Sanctuary is one of three legislated wildlife sanctuaries in New York City.

RESPONSE CONSIDERATIONS

OWNERSHIP: City of New York

ACCESS:

VEHICLE ☐

BOAT ☒

STAGING AREAS: Wright Island Marinas (M17) (914) 235-8013

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒

RECOVERY ☐

PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 86 MAP NUMBER: NY-10 SITE NAME: Plumb Beach

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12350, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 34' 50" NORTH LONGITUDE 073° 55' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks/Marc Matsil	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Entrance to Jamaica Bay / west of Dead Horse Bay, south of Belt Parkway;\Gateway National Recreation Area

PHYSICAL DESCRIPTION: Area of extensive (>1/4 mile wide) mudflats, coastal dunes, intertidal marsh, and panne communities; grasslands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Feeding and (potential) nesting common and little terns; migrating shorebirds, including ruddy turnstones, least and semi-palmated sandpipers, and sanderlings; horseshoe crabs

HABITAT: The Plumb Beach shoreline is the most intensively used nesting site for horseshoe crabs in the Manhattan Hills ecological region; migrat shorebirds feed extensively on horseshoe crab eggs

THREATENED/ ENDANGERED: Peregrine falcon; wintering spotted redshank (Eurasian visitor)

OTHER (RR): Gateway NRA is a federally protected area

RESPONSE CONSIDERATIONS

OWNERSHIP: National Park Service

ACCESS:

VEHICLE ☐
BOAT ☒

STAGING AREAS: Sheepshead Bay Marina (M2) - (718) 891-0991 / (718) 891-3359 (night)\Barren Island Marina (M34) - (718) 338-4200

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 87 MAP NUMBER: 12 SITE NAME: Sandt Hook Beach

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☐STAGING AREAS: USCG STATION SANDY HOOK (732)872-3428COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 88 MAP NUMBER: NY-1, 2 SITE NAME: City Island Marsh

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 51' 00" NORTH LONGITUDE 073° 47' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources Group	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 9 ft MAX CURRENTS: 0.4 kts

GEOGRAPHIC LOCATION: Eastchester Bay / western shore of City Island, Bronx; between Ditmars Street and Bowne Street

PHYSICAL DESCRIPTION: Area of high marsh and intertidal marsh; very healthy

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE: Birds

HABITAT: Feeding area for birds; only tidal wetland of any size on City Island

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Ever Seaplane Base and Marina (M21) - (718) 863-9111\City Island Harbor (M18) - (212) 885-2487

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 89 MAP NUMBER: NY-2 SITE NAME: Westchester Creek

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12339 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 48' 50" NORTH LONGITUDE 073° 50' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-3509
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / Bronx, near the Whitestone Bridge; east of Unionport

PHYSICAL DESCRIPTION: Shallow creek with tidal flats, marshes, and wreck debris near mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE: Birds

HABITAT: Feeding area for birds; wetlands run along the western shore of the creek to the Cross Bronx Expressway

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Channel is dredged to 7 feet\Ferry Point Park / Zerega Avenue / Brush Avenue

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 90 MAP NUMBER: NY-2 SITE NAME: Pugsley Creek

USGS QUAD: Flushing, NY NOAA CHART # 12339, 12363 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 48' 40" NORTH LONGITUDE 073° 50' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / Bronx, just north of Clason Point; west of the Whitestone Bridge

PHYSICAL DESCRIPTION: Non-navigable creek with tidal flats and wetlands backed by high marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE: Birds

HABITAT: Feeding area for birds; important, expanding wetland area consisting of high and low marsh

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Gildersleeve Avenue and Betts Avenue, or Castle Hill Avenue and Hart Street\

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 91 MAP NUMBER: NY-2 SITE NAME: Flushing Creek

USGS QUAD: Flushing, NY NOAA CHART # 12339, 12363 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 45' 50" NORTH LONGITUDE 073° 50' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: w/v kts

GEOGRAPHIC LOCATION: Southeast end of Flushing Bay / Queens

PHYSICAL DESCRIPTION: Navigable creek with tidal flats and tidal wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Birds, invertebrates

HABITAT: Feeding, migratory and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Creek entrance dredged to 13 feet
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Flushing Meadows - Corona Park\

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 93 MAP NUMBER: NY-8,9,9a SITE NAME: Bridge Creek

USGS QUAD: Elizabeth, NJ - NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 30" NORTH LONGITUDE 074° 11' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northwest corner of Staten Island / Port Ivory; northeast of Howland Hook Terminal; Richmond Terrace and Western Avenue

PHYSICAL DESCRIPTION: Creek draining into the confluence of the Arthur Kill and Kill Van Kull; small island of intertidal marsh at mouth, with coastal shoals, bars, and mudflats; wetlands upstream

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including herons, egrets, black ducks, pheasants, waterfowl, and shorebirds

HABITAT: Tidal wetlands, tidal flats, tidal / freshwater ponds; feeding area for birds

THREATENED/ ENDANGERED: Peregrine falcon

OTHER (RR): NYC Parks is conducting an extensive marsh restoration project in this area

RESPONSE CONSIDERATIONS

OWNERSHIP: NY City; leased to Port Authority of NY/NJ

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Elizabeth Marina (M1) - (908) 820-4296

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 94 MAP NUMBER: NY-9 SITE NAME: Oakwood Beach

USGS QUAD: The Narrows, NY-NJ NOAA CHART # 12402, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 7 LATITUDE 40° 32' 50" NORTH LONGITUDE 074° 07' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Lower NY Bay / Southeast shore of Staten Island, just northeast of Great Kills Harbor; part of the Gateway National Recreation AreaPHYSICAL DESCRIPTION: Beach, park, fresh water wetlands, artificial dunes

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ AWILDLIFE: BirdsHABITAT: Overwintering, breeding, feeding area for birdsTHREATENED/ Marsh wren
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒ XBOAT ☒ XSTAGING AREAS: Princes Bay / Seguire PointCOLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 95 MAP NUMBER: NY-9,9b,12 SITE NAME: Wolfe's Pond Park

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 30' 50" NORTH LONGITUDE 074° 11' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Raritan Bay / South shore of Staten Island; east of Princess Bay / Seguine Point

PHYSICAL DESCRIPTION: Park with swamps, fresh water ponds, and a narrow beach

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Birds, amphibians

HABITAT: Feeding area for least terns

THREATENED/ ENDANGERED: Least tern (NYS listed)

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS: Princess Bay / Seguine Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 96 MAP NUMBER: NY-10 SITE NAME: Motts Basin

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 36' 50" NORTH LONGITUDE 073° 45' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 7 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Eastern Jamaica Bay / Far Rockaway; Queens and Nassau counties

PHYSICAL DESCRIPTION: Small, navigable cove with tidal wetlands and tidal flats; upland oak forest

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including shorebirds, waterfowl, and wading birds

HABITAT: Feeding and resting area for birds

THREATENED/
ENDANGERED:

OTHER (RR): Near NY City park, State preserve; Battery Road wetlands are city-owned

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Pinson Street, Battery Road, Beach Channel Drive

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 97 MAP NUMBER: NY-10 SITE NAME: Dubos Point

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 36' 10" NORTH LONGITUDE 073° 47' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: 25-30 acres TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Eastern Jamaica Bay / Arverne, Rockaway; south of Jo Co Marsh, along Grass Hassock Channel; Decosta Avenue and 63 StreetPHYSICAL DESCRIPTION: Peninsula with marsh shoreline fronted by small tidal flats and numerous pilings; NY City preserve; adjacent to old sanitary landfill

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☐WILDLIFE: Birds, including common terns and brant; turtlesHABITAT: Breeding area for diamondback terrapin; breeding area for birdsTHREATENED/ Northern harrier (NYS threatened)
ENDANGERED:OTHER (RR): NY City preserve

RESPONSE CONSIDERATIONS OWNERSHIP: NY City

ACCESS:VEHICLE ☒ Road or trail to Dubos PointBOAT ☒STAGING AREAS: Decosta Avenue and 65th StreetCOLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 98 MAP NUMBER: NY-10 SITE NAME: Vernam-Barbadoes Peninsula

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 35' 40" NORTH LONGITUDE 073° 48' 25" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 15 acres TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Southern shore of Jamaica Bay / Arverne; just east of RR bridge, between the Vernam and Barbadoes Basins; Amstel Blvd and 75th StreetPHYSICAL DESCRIPTION: Sandy beach peninsula with wetlands, shrub, and grasslands; pilings and other obstructions surround the peninsula

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒WILDLIFE: Wading birdsHABITAT: Heron rookery; tip of peninsula is pristine vegetated low and high tidal marshesTHREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS: Amstel Blvd and 75th StreetCOLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 99 MAP NUMBER: NY-10 SITE NAME: Paerdegat Basin

USGS QUAD: Coney Island/Brooklyn, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 10,11 LATITUDE 40° 37' 15" NORTH LONGITUDE 073° 53' 45" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365\
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North shore of Jamaica Bay / Brooklyn; between Bergen Beach and Canarsie

PHYSICAL DESCRIPTION: Navigable inlet with sandy beach and tidal flats at the mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A ☐ SUMMER ☐ A ☐ FALL ☐ A ☐ WINTER ☐ A ☐

WILDLIFE: Shorebirds and waterfowl; fish

HABITAT: Feeding area for migrating and wintering shorebirds and waterfowl; nursery area for fish

THREATENED/
ENDANGERED:

OTHER (RR): Area east of Belt Parkway is the Gateway NRA, which is a federally protected area

RESPONSE CONSIDERATIONS OWNERSHIP: NPS (east of Belt Parkway)

ACCESS:

VEHICLE ☒ Bergen and Paerdegat AvenuesBOAT ☒

STAGING AREAS: Diamond Point Marina (M35) - (718) 444-7700

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 100 MAP NUMBER: NY-10 SITE NAME: Fresh Creek

USGS QUAD: Brooklyn, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 11 LATITUDE 40° 38' 10" NORTH LONGITUDE 073° 52' 35" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North shore of Jamaica Bay / Brooklyn; Canarsie

PHYSICAL DESCRIPTION: Partially navigable tidal creek with sand and marsh shoreline; tidal flats at mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Shorebirds and waterfowl; fish, invertebrates

HABITAT: Feeding area for migrating and wintering shorebirds and waterfowl; nursery area for fish

THREATENED/
ENDANGERED:

OTHER (RR): Area east of Belt Parkway is the Gateway NRA, which is a federally protected area

RESPONSE CONSIDERATIONS

OWNERSHIP: NPS (east of Belt Parkway)

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Flatlands Avenue, E. 108th St., Louisiana Ave
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Diamond Point Marina (M35) - (718) 444-7700

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 101 MAP NUMBER: NY-10 SITE NAME: Spring Creek / Old Mill Creek

USGS QUAD: Jamaica, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 16 LATITUDE 40° 38' 40" NORTH LONGITUDE 073° 51' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North shore of Jamaica Bay / Brooklyn and Queens; Spring Creek Park (NYC)\Gateway National Recreation Area (NPS)

PHYSICAL DESCRIPTION: Spring Creek and Ralph Creek feed into Old Mill Creek, which is a non-navigable tidal creek with marsh shorelines and tidal at its mouth; both high and low marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including shorebirds and waterfowl; fish

HABITAT: Feeding and resting area for migrating shorebirds and wintering waterfowl; possible breeding area for clapper rail; feeding area for osprey nursery area for fish

THREATENED/ ENDANGERED: Osprey

OTHER (RR): Area south of Belt Parkway is the Gateway NRA, which is a federally protected area

RESPONSE CONSIDERATIONS OWNERSHIP: NYC Parks/National Park Service/Private

ACCESS: VEHICLE ☐ Fountain and Flatlands Avenues, Belt Parkway
BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 103 MAP NUMBER: NY-10 SITE NAME: Hook Creek

USGS QUAD: Lynbrook, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # N/A LATITUDE 40° 38' 10" NORTH LONGITUDE 073° 44' 45" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 7 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East end of Jamaica Bay / Queens; east of JFK Airport, Head of Bay

PHYSICAL DESCRIPTION: Narrow, non-navigable tidal creek emptying into Head of Bay; extensive marsh area upstream, containing both low and high marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including shorebirds and waterfowl

HABITAT: Feeding and resting area for migrating shorebirds and wintering waterfowl

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Rockaway Blvd, Peninsula Avenue, InwoodBOAT ☒

STAGING AREAS:

COLLECTION POINTS: Head of Bay (R17)

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 104 MAP NUMBER: NY-10 SITE NAME: Motts Point

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 36' 50" NORTH LONGITUDE 073° 46' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 7 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East end of Jamaica Bay / Queens; south of JFK Airport, at mouth of Motts Basin

PHYSICAL DESCRIPTION: Area of coastal shrub / woodland, sandy beach, and intertidal marsh, fronted by tidal flats

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MAN-MADE STRUCTURES
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE: Birds, including shorebirds, waterfowl, and wading birds (night herons); shellfish

HABITAT: Feeding and resting area for migrating shorebirds and wintering waterfowl; roosting area for night herons

THREATENED/
ENDANGERED:

OTHER (RR): Bayswater State Preserve and NYC Park lands are adjacent

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Mott Avenue, Norton Drive
BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 201 MAP NUMBER: 2 SITE NAME: Piermont Marsh

USGS QUAD: Nyack, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 14 LATITUDE 41°01'59" NORTH LONGITUDE 73°54'26" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 914-437-•6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Piermont, NY

PHYSICAL DESCRIPTION: tidal wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Waterfowl breeding\many species of fish spawning

HABITAT: Only large undeveloped salt/brackish marsh on the Hudson River

THREATENED/ ENDANGERED: \Diamondback Terrapin (special concern speices in NYS)

OTHER (RR): National Estuarire Research Reserve (NERR)

RESPONSE CONSIDERATIONS OWNERSHIP:

ACCESS:

VEHICLE ☒ Access by road to the end of the Piermont Pier or by shallow draft boat.
BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 9000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 305 MAP NUMBER: 3 SITE NAME: Croton River (w/RR Outlet)

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°11'27" NORTH LONGITUDE 73°52'28" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914) 437-6720
2	2 Metro North	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Croton-on-Hudson

PHYSICAL DESCRIPTION: major creek/wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Access from Metro North yard - no boat access during low tide.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Access from the Metro North Yard. Cannot access this site by boat at low tide.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 402 MAP NUMBER: 4 SITE NAME: Minisceongo Creek & Cedar Pond Brook

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'18" NORTH LONGITUDE 73°58'16" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stony Point (SW Corner)

PHYSICAL DESCRIPTION: marsh/creek (strong tidal current at mouth)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: assorted fish and swans

HABITAT: marsh

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Rt 9W to Main St. Stony Pt.BOAT ☒

STAGING AREAS: Penny Bridge goes over the creek at the mouth. New park at the bridge is a good staging area.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 419 MAP NUMBER: 4 SITE NAME: Iona Marsh: major wetland inside north RR causewa

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°18'34" NORTH LONGITUDE 73°59'07" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Bear Mountain

PHYSICAL DESCRIPTION: wetland behind island, significant natural estuary

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Waterfowl nesting

HABITAT: Tidal Marsh

THREATENED/ ENDANGERED: \Least Bittern nesting, protected in NYS

OTHER (RR): National Estuary Research Reserve NERR (Iona Island Marsh)

RESPONSE CONSIDERATIONS

OWNERSHIP: Palisades Park Comm.

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): north causeway

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 4000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 420 MAP NUMBER: 4 SITE NAME: N. Iona Is. Marsh/Hudson R.

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°18'40" NORTH LONGITUDE 73°59'03" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 •(914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Bear Mountain

PHYSICAL DESCRIPTION: north entrance to wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Waterfowl nesting

HABITAT: Tidal Marsh

THREATENED/ ENDANGERED: \Least Bittern nesting, protected in NYS

OTHER (RR): National Estuary Research Reserve NERR (Iona Island Marsh)

RESPONSE CONSIDERATIONS

OWNERSHIP: Palisades Park Comm.

ACCESS:

VEHICLE ☒ Rt 9W
BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 505 MAP NUMBER: 5 SITE NAME: Constitution Marsh (w/RR outlet)

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°24'14" NORTH LONGITUDE 73°56'39" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2 24 hour West Point # (Wildlife Biolog	2 (914)938-3001
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cold Spring

PHYSICAL DESCRIPTION: wetland behind island

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☐ FALL ☒ A WINTER ☐

WILDLIFE: Waterfowl spring and fall migration stopover

HABITAT: important fish habitat

THREATENED/ ENDANGERED: Least Bittern nesting, protected in NYS

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Nat. Audubon Society

ACCESS:

VEHICLE ☒ Best access is by boat.
BOAT ☒

STAGING AREAS: West Point South Pier is a good staging area.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 507 MAP NUMBER: 5 SITE NAME: Foundry Cove (w/RR outlet)

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°24'44" NORTH LONGITUDE 73°57'08" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 West Point	2 Wildlife	2 (914)938-3001
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cold Spring

PHYSICAL DESCRIPTION: bay, marsh, northeast behind ls.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MAN-MADE STRUCTURES
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	<input checked="" type="checkbox"/>

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Superfund site - contaminant removal and restoration

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 514 MAP NUMBER: 5 SITE NAME: Moodna Creek & marsh, behind RR bridge"

USGS QUAD: Cornwall, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-4 LATITUDE 41°27'28" NORTH LONGITUDE 73°01'26" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 West Point	2 Wildlife	2 (914)938-3001
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cornwall-on-Hudson

PHYSICAL DESCRIPTION: tidal wetland and creek (shallow)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Important fish - spawning habitat

HABITAT: Major freshwater tributary to Hudson River

THREATENED/ ENDANGERED: Bald Eagles in summer and winter\Least Bittern nesting, protected in NYS

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input type="checkbox"/>	Access by boat only. Launch at Newburgh Landing\
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Newburgh Landing or West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input checked="" type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 602 MAP NUMBER: 6 SITE NAME: Fishkill Creek

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°29'17" NORTH LONGITUDE 73°58'24" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 West Point	2 Wildlife	2 (914)938-3001
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Beacon

PHYSICAL DESCRIPTION: creek/wetland. Site is on East side of river. Oil Companies located along the West side of the river across from this site.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Important fish - spawning habitat

HABITAT: Major freshwater tributary to the Hudson

THREATENED/ ENDANGERED: Osprey

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐ Use skiff boats. West Point has bridge boat jet drive for access.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐

RECOVERY ☐

PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 702 MAP NUMBER: 7 SITE NAME: Wappinger Creek (w/RR outlet)

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°34'56" NORTH LONGITUDE 73°56'40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: N. Hamburg/Wappingers Falls

PHYSICAL DESCRIPTION: creek/wetland behind RR bridge

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important fish - spawning habitat

HABITAT: Major freshwater tributary to the Hudson

THREATENED/ ENDANGERED: Bur-marigold, subulate arrowhead, and other rare speices in the tidal flats/ wetland area (rare in NYS)

OTHER (RR):

RESPONSE CONSIDERATIONS OWNERSHIP:

ACCESS: VEHICLE ☒ Access via the Newhamburgh Yacht ClubBOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 805 MAP NUMBER: 8 SITE NAME: Roosevelt Cove RR bridge

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°45'35" NORTH LONGITUDE 73°56'23" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hyde Park, north of Maritje Kill

PHYSICAL DESCRIPTION: bay/wetlands east of the railroad tracks.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 200 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 809 MAP NUMBER: 8 SITE NAME: Black Creek Mouth

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°49'27" NORTH LONGITUDE 73°57'27" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Esopus/west side of the river

PHYSICAL DESCRIPTION: creek/ shallow water

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important hering spawning area

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

vehicle access to the north side of the inlet is available by a small town road.

BOAT ☐

STAGING AREAS:

COLLECTION POINTS: \

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 905 MAP NUMBER: 9 SITE NAME: Vanderburgh Cove (w/RR outlet)

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°52'23" NORTH LONGITUDE 73°55'50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Staatsburgh/east side of the river and east of the railroad tracks

PHYSICAL DESCRIPTION: bay behind RR bridge with protection to be provided at inlet under the tracks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT: wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS: Site #904 is a small cove located south of the Vanderburgh Cove and could be used as an effective collection point.

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 908 MAP NUMBER: 9 SITE NAME: Rondout Creek

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°55'14" NORTH LONGITUDE 73°58'22" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Kingston

PHYSICAL DESCRIPTION: major creek

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important and freshwater fish nursery area\waterfowl migratory stop over

HABITAT: Major freshwater tributary to Huson River.\Important mud flats

THREATENED/ ENDANGERED: \Osprey spring migration habitat\Osprey spring migration habitat\Osprey spring migration habitat

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS: boat launch is available at start of Creek (north side) just east of Kosco Fuel.

COLLECTION POINTS:

OTHER (RC): Two Kosco Fuel facilities located in the Creek

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 4000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 911 MAP NUMBER: 9 SITE NAME: Ellerslie Cove(w/RR outlet)

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°53' 28" NORTH LONGITUDE 73°56'40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Staatsburgh

PHYSICAL DESCRIPTION: bay/located to the east of railroad tracks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT: wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐ access by boat.BOAT ☒

STAGING AREAS:

COLLECTION POINTS: Site #904 is a small cove located south of Vanderburgh Cove and could be used as an effective collection point.

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 100 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1005 MAP NUMBER: 10 SITE NAME: Tivoli Bay, south (east shoreline)

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 42-02' 20" NORTH LONGITUDE 73-55' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Tivoli

PHYSICAL DESCRIPTION: wetlands/bay located east of railroad tracks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important fish spawning area\Waterfowl spring and fall migration stop over\

HABITAT: tidal wetlands

THREATENED/ ENDANGERED: Osprey,Least Bittern, wood turtle and spotted turtle are rare/ special concern speices in NYS\ Heartleaf platain, estuary beggars, ticks and other speices are rare in NYS

OTHER (RR): National Estuary Research Reserve NERR

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Charlie Rider Park in Ulster is a possible staging area located south of this site. It has parking and a great boat ramp accessible b

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1007 MAP NUMBER: 10 SITE NAME: Tivoli Bay, north (east shoreline)

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 42-02' 27" NORTH LONGITUDE 073-54' 55" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Tivoli

PHYSICAL DESCRIPTION: wetlands located east of railroad tracks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important fish spawning area\Waterfowl spring and fall migration stop over

HABITAT: tidal wetlands

THREATENED/ ENDANGERED: Osprey,Least Bittern, wood turtle and spotted turtle are rare/ special concern speices in NYS\ Heartleaf platain, estuary beggars, ticks and other speices are rare in NYS

OTHER (RR): National Estuary Research Reserve NERR

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1103 MAP NUMBER: 11 SITE NAME: Esopus Creek

USGS QUAD: Suagerties, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL - 11 ESI MAP # 11 LATITUDE 42-04' 08" NORTH LONGITUDE 073-57' 05" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 3	1 John O'Mara	1 (914) 256 - 3000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Saugerties

PHYSICAL DESCRIPTION: creek/wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Black bass overwintering, herring spring spawn

HABITAT: Spawning, Spring (Black bass, herring)

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: U.S. Coast Guard Aids to Navigation Team, Saugerties

COLLECTION POINTS:

OTHER (RC): 4 Marinas in creek

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1104 MAP NUMBER: 11 SITE NAME: Esopus Creek mouth (North)

USGS QUAD: Saygerties, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-04' 27" NORTH LONGITUDE 073-56' 12" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 3	1 John O'Mara	1 (914) 256 - 3000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Saugerties

PHYSICAL DESCRIPTION: wetlands/vast shallow water area north side of creek opening

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☐ FALL ☒ A WINTER ☐

WILDLIFE: Eagle and Osprey

HABITAT:

THREATENED/ \None

ENDANGERED:

OTHER (RR): NY-DEC to re-evaluate priority

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐ Via Esopus CreekBOAT ☒

STAGING AREAS: Access by boat launch on Esopus Creek

COLLECTION POINTS:

OTHER (RC): 4 Marinas in creek

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1106 MAP NUMBER: 11 SITE NAME: Duck Cove

USGS QUAD: Cementon, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-09' 24" NORTH LONGITUDE 073-53' 45" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: west shore, 1.5 miles north of Cementon\

PHYSICAL DESCRIPTION: Major bay/ wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ A SUMMER ☐ A FALL ☐ A WINTER ☐ A

WILDLIFE: Eagle, Osprey, Water Fowl\Bass,Black

HABITAT: Nesting, Eagle\Migration, Osprey\Nursery, Black Bass

THREATENED/ ENDANGERED: \Eagle

OTHER (RR): This is the most significant environmentally sensitive area in NY - DEC Region 4.

RESPONSE CONSIDERATIONS OWNERSHIP: NYS, LeHigh Cement

ACCESS:

VEHICLE ☒ Causeway Road - Independent Cement Plant
BOAT ☒

STAGING AREAS: Boat launch, Germantown\Dock, Independent Cement Plant

COLLECTION POINTS:

OTHER (RC): Good water dept to the end of the dock at cement plant and new dock at Silver Point.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☒

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1108 MAP NUMBER: 11 SITE NAME: Burgett Creek

USGS QUAD: Cementon & Hudson South NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-52' 06" NORTH LONGITUDE 073-53' 06" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: S. of Catskill, River mile 110 (west), Day Marker 62

PHYSICAL DESCRIPTION: major marsh w/creeks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl\Eagles\Hunting

HABITAT: Tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS OWNERSHIP: NYS, Private

ACCESS:

VEHICLE	<input type="checkbox"/>	Catskill Boat Launch \Roeliff - Jansen Launch (small boats only)\
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Inboch Road - Campsite

COLLECTION POINTS:

OTHER (RC): Shallow Water approx. 6 inches at mean low tide at 400 yards out from creek.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input checked="" type="checkbox"/>

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1109 MAP NUMBER: 11 SITE NAME: Roeliff-Jansen Kill

USGS QUAD: Hudson South, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-11' 24" NORTH LONGITUDE 073-51' 06" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION: creek

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Herring\Striped Bass \Black Bass

HABITAT: Herring run\Bass spawning\Sport Fishing

THREATENED/ \Eagle nest

ENDANGERED:

OTHER (RR): NYS-DEC will re-evaluate priority

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS, St. Lawrence Cement

ACCESS:

VEHICLE ☒

Yacht club at end of road. Access with 16ft skiff with outboard motor, very shallow water.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Shallow water out to channel. Best access from railroad tracks.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1110 MAP NUMBER: 11 SITE NAME: Inbocht Bay

USGS QUAD: Cementon, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-09' 48" NORTH LONGITUDE 073-54' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Private, Catskill Audubon, NYS

ACCESS:

VEHICLE	<input type="checkbox"/>	Cannot access at low tide.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Small channel. A person lives in the area and knows the channel.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input checked="" type="checkbox"/>

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1201 MAP NUMBER: 12 SITE NAME: Catskill Creek

USGS QUAD: Hudson South, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-12' 29" NORTH LONGITUDE 073-51' 16" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Catskill

PHYSICAL DESCRIPTION: Major creek and wetlands, with many marinas

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory Waterfowl, Mute Swans\Black Bass overwintering, Spring herring spawn

HABITAT: Floating vegetation along south side of creek at mouth running south to Rams Horn Creek.

THREATENED/
ENDANGERED:

OTHER (RR): Hendersons Terminal (abandoned)\Main Bros. Oil Company - on creek\Kosko Bros. Oil Company - on creek

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS, Catskill Audubon

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Marinas, Private Park Launch, Public Launch (north)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒ X

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1203 MAP NUMBER: 12 SITE NAME: Rogers Island WMA marshes

USGS QUAD: Hudson South, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-13' 47" NORTH LONGITUDE 073-50' 31" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: east shore opposite Catskill

PHYSICAL DESCRIPTION: wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, Eagles, wading birds hunting\\

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS Wildlife Management Area

ACCESS:

VEHICLE ☐BOAT ☒

Access via Conrail property. Access should be by light vehicles only (e.g. < 5 ton truck). Can get within 100ft of water by vehicle.

STAGING AREAS: Catskill Launch

COLLECTION POINTS:

OTHER (RC): A submerged dike is in the south end of Hallenbeck Creek. Creek cannot be accessed by boat.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1205 MAP NUMBER: 12 SITE NAME: Culvert to Hudson South Bay

USGS QUAD: Hudson North, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-15' 47" NORTH LONGITUDE 073-47' 16" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hudson

PHYSICAL DESCRIPTION: wetlands with RR outlet

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl,rare plants, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Hudson IDA

ACCESS:

VEHICLE ☒ The south bay cannot be accessed by boat. Rail access. Vehicles can drive to RR outlet.

BOAT ☒

STAGING AREAS: Hudson Boat Launch

COLLECTION POINTS:

OTHER (RC): Good water up to RR bridge

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐

RECOVERY ☐

PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1206 MAP NUMBER: 12 SITE NAME: Culvert to Hudson North Bay

USGS QUAD: Hudson South, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-15' 54" NORTH LONGITUDE 073-47' 04" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hudson

PHYSICAL DESCRIPTION: wetlands, with 2 RR tressel openings.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS OWNERSHIP: Hudson IDA

ACCESS:

VEHICLE	<input type="checkbox"/>	Boats can access bay from river
BOAT	<input type="checkbox"/>	

STAGING AREAS: Private boat launch on back side of railroad tracks.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input checked="" type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1207 MAP NUMBER: 12 SITE NAME: Murderers Creek mouth

USGS QUAD: Hudson North, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-12 ESI MAP # 12 LATITUDE 42-16' 22" NORTH LONGITUDE 073-48' 04" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Athens

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR): There is a small creek originating from Sleepy Hollow Lake. Lake is protected by a dam.\NYS-DEC will re-evaluate priority.

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Boat launch - small boats only

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1209 MAP NUMBER: 12 SITE NAME: Stockport Marsh, south portion

USGS QUAD: Hudson North, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-12 ESI MAP # 12 LATITUDE 42-17' 32" NORTH LONGITUDE 073-46' 31" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Columbiaville, south of Stockport Creek.

PHYSICAL DESCRIPTION: wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> MAN-MADE STRUCTURES
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	<input checked="" type="checkbox"/>

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/ \Part of Federal Research Reserve.

ENDANGERED:

OTHER (RR): This is the second most significant environmentally sensitive area in NY - DEC Region 4.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Coxchie Boat Launch, Athens\Stockport Creek - small boats only

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1210 MAP NUMBER: 12 SITE NAME: Rams Horn Creek/Marsh

USGS QUAD: Hudson North, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-12 ESI MAP # 12 LATITUDE 42-11' 50" NORTH LONGITUDE 073-51' 41" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: \South Catskill Creek

PHYSICAL DESCRIPTION: \Marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, Eagles, wading birds, hunting

HABITAT:

THREATENED/ \Eagle nest
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Audubon Society

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Catskill Boat Launch

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1301 MAP NUMBER: 13 SITE NAME: Stockport Creek

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Columbiaville

PHYSICAL DESCRIPTION: creek/wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MAN-MADE STRUCTURES
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	<input checked="" type="checkbox"/>

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting, Eagle

HABITAT: Nesting, Eagle

THREATENED/ ENDANGERED: \Eagle

OTHER (RR): Hudson River (State Park), Gray's Point (State Park)

RESPONSE CONSIDERATIONS OWNERSHIP: NYS, HRERR

ACCESS:

VEHICLE ☐ road to campsite with launch - small boats only\\\\BOAT ☐

STAGING AREAS: Stockport Creek Launch - small boats only\Launch below Little Nutten Hook\

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☒
MEDIUM ☐

MIN BOOM LENGTH 10900 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1302 MAP NUMBER: 13 SITE NAME: Marshes At Gays Point

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-19' 27" NORTH LONGITUDE 073-46' 43" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East of Stockport Middle Ground Is.

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting

HABITAT: tidal wetlands

THREATENED/ ENDANGERED: \Part of Federal Research Reserve

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS, OPRHP, HRERR

ACCESS:

VEHICLE	<input type="checkbox"/>	Coxsacki Boat Launch, Athens
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Gray's Point Boat Launch - small boats only\Stockport Creek

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1303 MAP NUMBER: 13 SITE NAME: Mouth of unnamed creek at Little Nutten Hook

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-20' 37" NORTH LONGITUDE 073-46' 58" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Little Nutten Hook

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, Eagles, rare plants, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: HRERR

ACCESS:

VEHICLE ☐

Entrance from river is bulkheaded, access is by small boat only.

BOAT ☒

STAGING AREAS: Stockport Boat Launch - small boats only\Coxsacki Boat Launch, Athens

COLLECTION POINTS: \

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1307 MAP NUMBER: 13 SITE NAME: Cocksackie Cove

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-21' 53" NORTH LONGITUDE 073-47' 58" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cocksackie, western shore (south from Cosackie Is. north to Rattlesnake Is.)

PHYSICAL DESCRIPTION: tidal cove behind Rattlesnake and Cocksackie Is.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting, Black Bass

HABITAT: Tidal wetlands, Spawning, Black Bass

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: OGS

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Cocksackie Boat Launch - small boats only\Stuyvesant Launch - small boats only

COLLECTION POINTS: \Old seawall between Island.

OTHER (RC): North side of Rattlesnake Island is bulkheaded to shore.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 15000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1309 MAP NUMBER: 13 SITE NAME: Cocksackie Creek mouth

USGS QUAD: Hudson North - Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-23' 23" NORTH LONGITUDE 073-47' 38" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of Cocksackie

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR): NYS-DEC to re-evaluate priority

RESPONSE CONSIDERATIONS

OWNERSHIP: OGS

ACCESS:

VEHICLE ☒

BOAT ☒

STAGING AREAS: Stuyvesant Boat Launch\Cocksackie Boat Launch - small boats only

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐

RECOVERY ☐

PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐

LOW ☐

MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1310 MAP NUMBER: 13 SITE NAME: Mill Creek mouth

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-24' 43" NORTH LONGITUDE 073-46' 32" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of Stuyvesant

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting

HABITAT:

THREATENED/ ENDANGERED: \Nature Conservancy

OTHER (RR): NYS-DEC to re-evaluate priority

RESPONSE CONSIDERATIONS OWNERSHIP: Nature Conservancy

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Stuyvesant Boat Launch\Coxsackie Boat Launch - small boats only

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 150 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1312 MAP NUMBER: 13 SITE NAME: Schodack Creek

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-25' 21" NORTH LONGITUDE 073-46' 35" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of Stuyvesant to N. of Schodack Landing

PHYSICAL DESCRIPTION: creek/marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1402 MAP NUMBER: 14 SITE NAME: Hannacrois Creek Bay

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-27' 44" NORTH LONGITUDE 073-42' 14" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of New Baltimore

PHYSICAL DESCRIPTION: creek/marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Short-nosed Sturgeon

HABITAT: Spawning, Sturgeon

THREATENED/
ENDANGERED:

OTHER (RR): This area already suffers from bottom contamination problems.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Coeymans Boat Launch

COLLECTION POINTS:

OTHER (RC): Sewage treatment plant .5 miles north of creek.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1403 MAP NUMBER: 14 SITE NAME: Coeymans Creek mouth

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-28' 11" NORTH LONGITUDE 073-47' 17" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Coeymans

PHYSICAL DESCRIPTION: creek/marsh, extends south to Barren Island

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: short-nosed sturgeon

HABITAT: Submerged reef.

THREATENED/
ENDANGERED:

OTHER (RR): Break water underwater at high tide.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Coeymans Boat Launch

COLLECTION POINTS:

OTHER (RC): Marinas

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 200 ft

OTHER (PS)

PRIORITY ☐ A

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1405 MAP NUMBER: 14 SITE NAME: Shodack Creek

USGS QUAD: Ravena Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-25' 23" NORTH LONGITUDE 073-46' 37" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Everything behind Houghtaling Island and Schodack Island.\

PHYSICAL DESCRIPTION: creek, extensive marshes

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting, Eagles

HABITAT: tidal wetlands

THREATENED/ ENDANGERED: \Eagles

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: ACOE

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Coeymans Boat Launch

COLLECTION POINTS: ACOE - land fill

OTHER (RC): Marina in creek

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1406 MAP NUMBER: 14 SITE NAME: Binnen Kill

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-30' 28" NORTH LONGITUDE 073-46' 47" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of Coeymans, below twin bridges

PHYSICAL DESCRIPTION: creek/marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Small boats can be launched at the base of a hill on the west bank of the kill.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Coeymans Boat Launch - preferred staging area\small marina

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 2400 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1407 MAP NUMBER: 14 SITE NAME: Baker Creek

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-31' 31" NORTH LONGITUDE 073-46' 22" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North Coeymans, above twin bridges

PHYSICAL DESCRIPTION: creek/marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Bulkhead on perimeter of creek submerged at high tide.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: CoeymansBoat Launch\Castleton-on-Hudson Launch

COLLECTION POINTS:

OTHER (RC): Shallow water leading up to mouth of creek accessible by skiff only.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1501 MAP NUMBER: 15 SITE NAME: Vroman Kill

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-15 ESI MAP # 15 LATITUDE 42-32' 35" NORTH LONGITUDE 073-45' 36" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cedar Hill

PHYSICAL DESCRIPTION: creek

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: sturgeon

HABITAT: spawning, sturgeon

THREATENED/
ENDANGERED:

OTHER (RR): Henry Hudson Park (west bank north of area).

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ There is a state park just north of the kill.BOAT ☒

STAGING AREAS: Coeymans Boat Launch\Henry Hudson Park Boat Launch

COLLECTION POINTS: Albany - Corning Preserve

OTHER (RC): ACOE seawall at both ends.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ A ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1502 MAP NUMBER: 15 SITE NAME: Papscanee Creek

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-15 ESI MAP # 15 LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Campbell Island North of Castleton-on-Hudson

PHYSICAL DESCRIPTION: creek/marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Bulkhead at mouth of creek submerged at high tide.

RESPONSE CONSIDERATIONS

OWNERSHIP: ACOE

ACCESS:

VEHICLE ☒ ACOE dirt roads
BOAT ☒

STAGING AREAS: Henry Hudson Park Boat Launch\Cedar Hill Boat Launch

COLLECTION POINTS: Albany - Corning Preserve

OTHER (RC): Submerge reef across 70% of opening

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 8 MAP NUMBER: 7,8 SITE NAME: Liberty Island

USGS QUAD: NY NOAA CHART # River Mile:

NOAA ESI ATLAS UPPER NY BAY ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Liberty Harbor Marina	1	1 (201) 451-1000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Liberty State Park Historical Site, Ferry Rack.

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Liberty Harbor Marina (M45) (201) 451-1000

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 9 MAP NUMBER: 7 SITE NAME: Motby

USGS QUAD: Bayonne NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (201) 823-7207
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 10 MAP NUMBER: NY-10 SITE NAME: JFK Site

USGS QUAD: Jamaica, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 16 LATITUDE 40° 38' 00" NORTH LONGITUDE 073° 48' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 USFWS/D. Edelstein	1 Long Island Field Office - Ecological	1 (516)581-2941
2 NPS/Don Riepe	2	2 (718)318-4348
3 NYSDEC/Joe Payne	3 Fish and wildlife	3 (718)482-4922

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Northeast Jamaica Bay / southwest shore of JFK Airport, Queens

PHYSICAL DESCRIPTION: Sandy beach fronted by tidal flats

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Resident and wintering waterfowl (wintering Nov-Mar), wading birds, and shorebirds; migrating raptors; fish, including American shad, bluefish, cod, mackerel, summer flounder, tautog, striped bass, Atlantic croaker, scup, American eel, blueback herring, alewife, menhaden; Atlantic silverside; shellfish (June - Sept), including hard clams and blue crab

HABITAT: Migratory and wintering area for birds; nursery area for fish

THREATENED/ENDANGERED: Piping plover (Mar 15-Sept15), although not observed nesting in approximately 10 years

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Port Authority of NY / NJ

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 15 MAP NUMBER: NY-8,9,9a SITE NAME: Elizabeth River

USGS QUAD: Elizabeth, NJ-NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 40" NORTH LONGITUDE 074° 11' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Elizabeth, NJ; 0.6 nm northeast of Goethels Bridge

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Elizabeth Marina (M1) - (908) 820-4296

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☐ A ☒ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 17 MAP NUMBER: NY-9, 9a SITE NAME: Morses Creek

USGS QUAD: Elizabeth, NJ-NY NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 00" NORTH LONGITUDE 074° 12' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Linden, NJ; 1/4 mile SW of Goethals Bridge

PHYSICAL DESCRIPTION: Small, 2 mile long meandering tidal creek surrounded by saltmarsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Forage fish, incl. killifish, bay anchovy, & Atlantic silversides; wading birds; waterfowl, incl. black ducks, mallard, blue/green wing teal, gadwalls, ruddy ducks, coot, Canada geese, & mute swans; hooded, red-breasted, and common mergansers; wintering canvasback, sca; gadwalls, buffleheads; migrating pintail and wigeon; mammals, incl. muskrat, red fox, racoon, skunks

HABITAT: Important feeding area for wading birds that roost at Shooters Island and Pralls Island; important open water area for mergansers (FA-W and waterfowl (WI); migratory area for pintail and wigeon (Oct-Mar)

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒ partial vehicle accessBOAT ☒STAGING AREAS: Phelps Dodge - (908) 351-3200COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 18 MAP NUMBER: NY-9, 9a SITE NAME: Piles Creek

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 37' 10" NORTH LONGITUDE 074° 12' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Grasselli, NJ; 1/4 mile north of Pralls Island

PHYSICAL DESCRIPTION: Meandering tidal creek that drains a marsh area approximately 1 mile by 0.75 mile

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Forage fish, incl. killifish, bay anchovy, & silversides; blue crabs; wading birds; nesting water- fowl, incl. black ducks, mallard, blue/green teal, gadwalls, ruddy ducks, coot, C. geese, & mute swans; hooded, red-breasted, and common mergansers; wintering canvasback, sca gadwalls, buffleheads; pintail and wigeon; mammals, incl. muskrat, red fox, racoon, skunks

HABITAT: Important feeding area for wading birds that roost at Shooters Island and Pralls Island; nesting area for waterfowl; important open water for mergansers (FA-WI) and waterfowl (WI); migratory area for pintail and wigeon (Oct-Mar)

THREATENED/ \
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Linden Northville Terminal - (908) 862-5740

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 23 MAP NUMBER: NY-9,9a,9b SITE NAME: Rahway River

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 35' 40" NORTH LONGITUDE 074° 12' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / north of Carteret, NJ; 1/2 mile south of Pralls Island

PHYSICAL DESCRIPTION: 20 mile long river draining a considerable area in northern NJ; only lower 4-5 miles are tidally influenced; saltmarshes at mouth becoming freshwater upstream

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Large numbers of forage fish and blue crabs; nesting waterfowl, incl. black ducks, mallard, blue/green wing teal, gadwalls, ruddy ducks, c. C. geese, & mute swans; hooded, red-breasted, and common mergansers; wintering canvasback, scaup, gadwalls, buffleheads; pintail & wigeon; mammals, incl. muskrat, red fox, racoon, skunk, otter, & weasel

HABITAT: Important nesting area for waterfowl; important open water area for mergansers (FA-WI) and waterfowl (WI); migratory area for pintail & wigeon (Oct-Mar)

THREATENED/ \
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: AMOCO Oil Marine Terminal - (732) 541-5131

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 28 MAP NUMBER: NY-12 SITE NAME: Cheesquake Creek

USGS QUAD: South Amboy, NJ-NY NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 1 LATITUDE 40° 27' 50" NORTH LONGITUDE 074° 15' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Raritan Bay / South Amboy, NJ; west of Keyport

PHYSICAL DESCRIPTION: Tidal creek draining a 2 mile by 4 mile area of tidal marshes

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Forage fish, y-o-y bluefish, weakfish, & winter flounder; nesting waterfowl, incl. black ducks, mallard, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, & mute swans; hooded, red-breasted, and common mergansers; wintering canvasback, scaup, gadwalls, bufflehead, pintail and wigeon; mammals, incl. muskrat, fox, racoon, skunk

HABITAT: Important nesting area for waterfowl; important open water area for mergansers (FA-WI) and waterfowl (WI); migratory area for pintail and wigeon (Oct-Mar); feeding area for mammals

THREATENED/ \ ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Zubak's Marina (732) 727-3953COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 30 MAP NUMBER: 9,12 SITE NAME: Great Kills Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Richmond County Y.C. (M5) (718) 948-9615COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1600 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 39 MAP NUMBER: 1 SITE NAME: Glen Cove Creek

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS LONG ISLAND SOUND ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Glenn Cove Marina (M)32 (800)564-2683COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 42 MAP NUMBER: 1 SITE NAME: Manhasset Bay

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS LONG ISLAND SOUND ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: MANHASSET MARINA WEST (M)27 (516) 883-8411COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3600 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 43 MAP NUMBER: NY-1, 2 SITE NAME: Little Neck Bay

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 48' 00" NORTH LONGITUDE 073° 46' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: 1400 acres TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North shore of Long Island, between Fort Totten and Great Neck; Queens and Nassau County

PHYSICAL DESCRIPTION: Shallow coastal bay bordered by dense residential development

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ B ☐ SUMMER ☐ B ☐ FALL ☐ B ☐ WINTER ☐ B ☐

WILDLIFE: Waterfowl, including ducks and geese; finfish, including striped bass; shellfish, including hard clams

HABITAT: One of about 5 major waterfowl wintering areas on N shore of LI; migratory stopover for waterfowl as well; important nursery and feeding for striped bass and other finfish; young clams are harvested here for transplanting into approved commercial

THREATENED/
ENDANGERED:

OTHER (RR): NY State Significant Coastal Habitat\Heavy recreational fishing and boating area

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: U.S. Maritime Academy (M19) - (516)773-5232\USCG Station Ft. Totten (M23) - (718) 352-4422

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 45 MAP NUMBER: NY-1, 2 SITE NAME: Orchard Beach

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 52' 00" NORTH LONGITUDE 073° 47' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 9 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Western Long Island Sound / Pelham Bay Park, Bronx

PHYSICAL DESCRIPTION: NYC Park bathing beach and picnic areas

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds, including shorebirds and waterfowl

HABITAT: Feeding and overwintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR): Recreational area; Pelham Bay Park is managed by NYC Parks and used extensively by the public

RESPONSE CONSIDERATIONS OWNERSHIP: NYC Parks

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3300 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 46 MAP NUMBER: NY-8,9,9a SITE NAME: Bodine Creek

USGS QUAD: Elizabeth, NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 5 LATITUDE 40° 38' 25" NORTH LONGITUDE 074° 07' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North Staten Island on Kill Van Kull, east of Port Richmond; Richmond Terrace at Clove Road

PHYSICAL DESCRIPTION: Creek, with questionable tidal influence; mudflats and marsh vegetation at mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	<input type="checkbox"/> MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	<input type="checkbox"/>

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Birds

HABITAT: Salt marsh at creek mouth; potential feeding area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Marine Power and Light (M57) - (718) 442-8018\Port Richmond WTP

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 51 MAP NUMBER: 1 SITE NAME: Davenport Neck

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Wrights Island Marina (914)235-8013COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 55 MAP NUMBER: 1 SITE NAME: Byram River

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 66 MAP NUMBER: NY-12 SITE NAME: Flat Creek

USGS QUAD: Keyport, NJ-NY NOAA CHART # 12331, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 3 LATITUDE 40° 26' 55" NORTH LONGITUDE 074° 09' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (609)984-1220
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (609)292-2083\NJ
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (609)748-2047

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Raritan Bay / Union Beach, NJ; west of Keansburg

PHYSICAL DESCRIPTION: Small tidal creek less than one mile in length draining a saltmarsh area

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Forage fish and blue crabs; nesting waterfowl, incl. black ducks, mallard, blue/green wing teal, gadwalls, ruddy ducks, coot, C. geese, & n swans; hooded, red-breasted, and common mergansers; wintering canvasback, scaup, gadwalls, buffleheads; migrating pintail and wige mammals, incl. muskrat, fox, racoon, skunk

HABITAT: Important nesting area for waterfowl; important open water area for mergansers (FA-WI) and waterfowl (WI); migratory area for pintail ar wigeon (Oct-Mar); feeding area for mammals

THREATENED/ \
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Wagner Twin Towers Marina (M13) - (732) 583-6930 / (732) 566-5821 (Night)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 67 MAP NUMBER: 6 SITE NAME: Ellis Island

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS NY HARBOR ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Liberty Harbor Marina (M45) (201)451-1000COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 69 MAP NUMBER: NY-10 SITE NAME: Manhattan Beach / Brighton Beach

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12402, 12350 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 34' 25" NORTH LONGITUDE 073° 57' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Rockaway Inlet / Brooklyn; east of Coney Island

PHYSICAL DESCRIPTION: Sandy beach / recreational area

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☐ FALL ☒ WINTER ☒

WILDLIFE: Waterfowl

HABITAT: Wintering and migratory area for waterfowl

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Sheepshead Bay Marina (M2) - (718) 891-0991 / (718) 891-3359 (night)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 76 MAP NUMBER: NY-2, 3 SITE NAME: Oak Point Rail Site

USGS QUAD: Central Park, NY NOAA CHART # 12339, 12342 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 48' 20" NORTH LONGITUDE 073° 53'50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / Bronx; north of North Brother Island

PHYSICAL DESCRIPTION: Small, shallow cove area with developed shoreline, pier structures, and ruins

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Port Morris or Hunt's Point, Bronx

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 77 MAP NUMBER: NY-1, 2 SITE NAME: Weir Creek

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12364 River Mile: NOAA123

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 49' 40" NORTH LONGITUDE 073° 48' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Western side of Eastchester Bay / Bronx; Edgewater Park area

PHYSICAL DESCRIPTION: Shallow cove with tidal flats and wetland area around inner portion of bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☐ WINTER ☐

WILDLIFE: Birds, fish

HABITAT: Feeding area for birds; feeding and nursery grounds for finfish

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Depth of cove approximately 5 feet; Ellsworth / 1st Avenue, Edgewater Park

BOAT ☒

STAGING AREAS: Ever Seaplane Base and Marina (M21) - (718) 863-9111

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 78 MAP NUMBER: NY-1, 2 SITE NAME: Powell's Cove

USGS QUAD: Flushing, NY NOAA CHART # 12366, 12363 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 17 LATITUDE 40° 47' 50" NORTH LONGITUDE 073° 50' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / College Point, Queens; just west of Whitestone Bridge

PHYSICAL DESCRIPTION: Shallow cove with tidal flats and wetlands; small boat anchorage

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ B SUMMER ☐ B FALL ☐ B WINTER ☐ B

WILDLIFE: Birds, fish

HABITAT: Feeding, migratory and wintering area for birds; fish nursery

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks / Private

ACCESS:

VEHICLE ☒

Depth at mouth of cove approximately 3 - 5 feet; Powell's Cove Blvd and 9th Avenue, College Point

BOAT ☒

STAGING AREAS: USCG Station Ft. Totten (M23) - (718) 352-4422

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 79 MAP NUMBER: NY-3, 5 SITE NAME: Hallets Cove

USGS QUAD: Central Park, NY NOAA CHART # 12339, 12341 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 46'15" NORTH LONGITUDE 073° 56' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / Astoria, Queens; east of Roosevelt Island, north end

PHYSICAL DESCRIPTION: Navigable cove

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ B SUMMER ☐ B FALL ☐ B WINTER ☐ B

WILDLIFE: Birds, fish

HABITAT: Migratory and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR): Commercial and recreational fishing area; small park along shoreline

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Vernon Blvd and 30th Drive, Astoria

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 80 MAP NUMBER: NY-4 SITE NAME: Riverwalk Cove

USGS QUAD: Brooklyn, NY NOAA CHART # 12335, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 11 LATITUDE 40° 44' 00" NORTH LONGITUDE 073° 58' 25" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-6592
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: 1.9 kts

GEOGRAPHIC LOCATION: East River/ east Manhattan; from Stuyvesant Town (14th St.) to 25th St.

PHYSICAL DESCRIPTION: Shallow cove with pier structures

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☒

WILDLIFE: Fish, including striped bass

HABITAT: Overwintering area for several fish species; benthic and rocky habitat

THREATENED/
ENDANGERED:

OTHER (RR): Proposed public park and marina

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ FDR Drive & 14th Street\\BOAT ☒

STAGING AREAS: Skyport Marina (M37) - (212) 686-4548

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 81 MAP NUMBER: NY-9, 9b SITE NAME: Conference House Park

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12331, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 30' 10" NORTH LONGITUDE 074° 15' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYCDEP	1 Natural Resources	1 (718)595-6592
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Raritan River confluence, Southwest tip of Staten Island

PHYSICAL DESCRIPTION: Sandy beach, bluffs, fresh water ponds; hackberry grove

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Birds, amphibians, reptiles

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Public park; Federal and State historic designation

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS: Princess Bay / Seguine Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 82 MAP NUMBER: NY-10 SITE NAME: Coney Island Creek

USGS QUAD: Coney Island & Narrows, NY NOAA CHART # 12402, 12327 River Mile: NOAA 12

NOAA ESI ATLAS NY Harbor ESI MAP # 10, 7 LATITUDE 40° 35' 00" NORTH LONGITUDE 074° 00' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Gravesend Bay / north Coney Island, Brooklyn

PHYSICAL DESCRIPTION: Shallow, semi-navigable tidal creek with fringing marshes; numerous obstructions to navigation

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☐ FALL ☒ WINTER ☒

WILDLIFE: Birds, including waterfowl

HABITAT: Migratory and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐

\

BOAT ☒

STAGING AREAS: Neptune Marina (M3)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 83 MAP NUMBER: NY-10 SITE NAME: Sommerville Basin

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 36' 15" NORTH LONGITUDE 073° 47' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: South shore of Jamaica Bay / Arverne, Rockaway

PHYSICAL DESCRIPTION: Relatively deep, navigable bay with marsh shoreline on the eastern side and tidal flats near the mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☐ FALL ☒ WINTER ☒

WILDLIFE: Birds, including waterfowl

HABITAT: Migratory and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Thursby Avenue

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 84 MAP NUMBER: NY-10 SITE NAME: Norton Basin

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 36' 40" NORTH LONGITUDE 073° 46' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 7 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Eastern Jamaica Bay / Far Rockaway; Bayswater Park

PHYSICAL DESCRIPTION: Semi-navigable inlet with sandy beach / marsh shoreline, fronted by extensive tidal flats near the mouth

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ B SUMMER ☐ B FALL ☐ B WINTER ☐ B

WILDLIFE: Birds, including waterfowl and wading birds

HABITAT: Feeding, migratory, and wintering area for birds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: City of New York (Bayswater Park)

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Norton drive

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 85 MAP NUMBER: NY-10 SITE NAME: Floyd Bennett Field Shoreline

USGS QUAD: Coney Island NY-NJ NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 36' 00" NORTH LONGITUDE 073° 52' 55" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3 NPS/Don Riepe	3	3 (718)318-4348

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Jamaica Bay / Brooklyn; eastern shore of Floyd Bennet Field\Gateway National Recreation Area (NPS)

PHYSICAL DESCRIPTION: Sandy beach and marsh shoreline with adjacent exposed tidal flats

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Shorebirds and waterfowl; fish

HABITAT: Feeding and resting area for migrating shorebirds and wintering waterfowl; nursery area for fish

THREATENED/
ENDANGERED:

OTHER (RR): Gateway NRA is a federally protected area

RESPONSE CONSIDERATIONS

OWNERSHIP: National Park Service

ACCESS:

VEHICLE ☒ 1/2 old seaplane ramps
BOAT ☒

STAGING AREAS: Bergen Beach Yacht Club (M6) - (718) 251-9792

COLLECTION POINTS: Possible recovery area near ramps

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 101 MAP NUMBER: 1 SITE NAME: Sherman Creek

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 102 MAP NUMBER: 1 SITE NAME: Inwood Park Bay

USGS QUAD: Yonkers, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY HARBOR ESI MAP # NY 13 LATITUDE 40-52'15" NORTH LONGITUDE 073-55'32" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/R. Austin	1 Spill Response	1 (718)482-4933
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: NORTH MANHATTAN ISLAND

PHYSICAL DESCRIPTION: Tidal Bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: MIGRATORY BIRD AREA

HABITAT: Last Remaining Salt Marsh on Manhattan Island used for environmental education.

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS OWNERSHIP: NY Parks Department

ACCESS:

VEHICLE ☒BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 304 MAP NUMBER: 3 SITE NAME: Croton Bay

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°10'51" NORTH LONGITUDE 73°52'54" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2 Westchester County Parks	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Croton-on-Hudson to Ossining

PHYSICAL DESCRIPTION: tidal bay/wetland Shallow Water 3 to 5 feet at MLW.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: fish nursery area\resident freshwater fish\

HABITAT: extensive submerged aquatic vegetation beds

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	\Road access to Croton Point and inside Croton Bay Cove.\Shallow water for boat access.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Ossining Town Boat Launch

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 4000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 404 MAP NUMBER: 4 SITE NAME: Georges Island Park

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°14'03" NORTH LONGITUDE 73°56'40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Montrose

PHYSICAL DESCRIPTION: bay/park (small bay)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Westchester County

ACCESS:

VEHICLE ☒BOAT ☐

STAGING AREAS: Site is a good staging area with boat ramp on site in park.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 417 MAP NUMBER: 4 SITE NAME: Annsville Creek

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°17'44" NORTH LONGITUDE 73°56'14" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Peekskill

PHYSICAL DESCRIPTION: major creek/wetland/railroad tressel opening

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/ ENDANGERED: Mimulus Elastus (winged monkey flower) protected in NYS

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Good access from Peekskill Boat Launch
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input checked="" type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 418 MAP NUMBER: 4 SITE NAME: S. Iona Is.: Marsh/ Hudson R.

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°17'53" NORTH LONGITUDE 73°58'15" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Bear Mountain

PHYSICAL DESCRIPTION: south entrance to wetland, shallow water

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input checked="" type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Waterfowl nesting

HABITAT: Tidal marsh

THREATENED/ ENDANGERED: \Least Bittern nesting, protected in NYS.

OTHER (RR): National Estuary Research Reserve NERR (Iona Island Marsh)

RESPONSE CONSIDERATIONS

OWNERSHIP: Palisades Park Comm.

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Hudson River side of marsh

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 750 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 421 MAP NUMBER: 4 SITE NAME: Popolopen Creek (w/RR outlet)

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°19'19" NORTH LONGITUDE 73°59'15" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Bear Mountain

PHYSICAL DESCRIPTION: creek/wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐ Rt 9W
BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 750 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 422 MAP NUMBER: 4 SITE NAME: Manitou Marsh (w/RR outlet)

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°19'53" NORTH LONGITUDE 73°58'22" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Manitou

PHYSICAL DESCRIPTION: marsh area on the east side of the river.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Diverse reptile and amphibian population

HABITAT: large tidal marsh

THREATENED/ \
ENDANGERED:

OTHER (RR): U>S> Army Corps of Engineers habitat restoration. Just west of this site, also on the east side of the river are houses with man made bulkheads along the shore.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 501 MAP NUMBER: 5 SITE NAME: Con Hook Marsh (N&S)

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°21'02" NORTH LONGITUDE 73°57'54" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 West Point	1 Wildlife	1 (914)938-3001
2 West Point	2 Biologist	2 (914)938-2314
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Highland Falls

PHYSICAL DESCRIPTION: open wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT: Marsh wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1750 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 504 MAP NUMBER: 5 SITE NAME: S Constitution Is.: HR shoreline (w/RR outlet)

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°24'10" NORTH LONGITUDE 73°57'22" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 West Point	2 Wildlife	2 (914)938-3001
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cold Spring

PHYSICAL DESCRIPTION: south entrance to wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input checked="" type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): National historical monument

RESPONSE CONSIDERATIONS

OWNERSHIP: US Military Academy

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS: Gees Point collection point at Target Hill Road

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 506 MAP NUMBER: 5 SITE NAME: Foundry Cove Bay, HR side, north side Const. Is.

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°24'37" NORTH LONGITUDE 73°57'20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 West Point	2 Wildlife	2 (914)938-3001
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cold Spring

PHYSICAL DESCRIPTION: north entrance to wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Stage at West Point or Newburgh

COLLECTION POINTS: Gees Point

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☐ B ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 509 MAP NUMBER: 5 SITE NAME: Little Stony Point (N&S coves)

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°25'28" NORTH LONGITUDE 73°58'09" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Little Stony Point

PHYSICAL DESCRIPTION: bay on south side, shallow marsh area on north side.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Rt 9D
BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 513 MAP NUMBER: 5 SITE NAME: Moodna Creek mouth HR shore/Plum Pt.

USGS QUAD: Cornwall, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-4 LATITUDE 41°27'11" NORTH LONGITUDE 73°01'01" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cornwall-on-Hudson

PHYSICAL DESCRIPTION: bay/wetland entrance

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: important fish - spawning habitat\Eagles and osprey

HABITAT: Major freshwater tributary to Hudson River.

THREATENED/ ENDANGERED: Bald Eagles in summer and winter\Least Bittern nesting, protected in NYS

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Rt. 9W to Kowaneseek Pk., access road next to Toyota dealer
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): HR shore/Plum Pt.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input checked="" type="checkbox"/>

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 601 MAP NUMBER: 6 SITE NAME: Denning Point Bay

USGS QUAD: West Point NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°29'02" NORTH LONGITUDE 73°59'03" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Beacon

PHYSICAL DESCRIPTION: shallow bay/wetland behind point

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE: Important fish - spawning habitat

HABITAT: Major freshwater tributary to the Hudson River.

THREATENED/ ENDANGERED: Osprey

OTHER (RR):

RESPONSE CONSIDERATIONS OWNERSHIP: NYS DEC

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Boat launch at Newburgh

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 704 MAP NUMBER: 7 SITE NAME: New Hamburg Cove

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°35'35" NORTH LONGITUDE 73°57'01" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: New Hamburg

PHYSICAL DESCRIPTION: North side of bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT: Very long flat shallow area

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 706 MAP NUMBER: 7 SITE NAME: Van Keurens (w/RR outlet)

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-8 LATITUDE 41°38'27" NORTH LONGITUDE 73°56'38" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Van Keurens

PHYSICAL DESCRIPTION: bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 807 MAP NUMBER: 8 SITE NAME: Crum Elbow Creek mouth

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°47'18" NORTH LONGITUDE 73°56'50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hyde Park

PHYSICAL DESCRIPTION: creek (w/RR outlet)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): small boats inside creek. About 30 boats are on moorings outside the creek.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐ Access road
BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 100 ft

OTHER (PS)

PRIORITY ☒ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 902 MAP NUMBER: 9 SITE NAME: Indian Kill

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°50'05" NORTH LONGITUDE 73°56'32" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Staatsburgh

PHYSICAL DESCRIPTION: marsh behind Norrie Yacht Basin

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Boat ramp to be constructed 97/98 at Norrie Yacht Basin (site #901)

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 903 MAP NUMBER: 9 SITE NAME: Esopus Meadows

USGS QUAD: Hyde Park, Ny NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°51'58" NORTH LONGITUDE 73°56'48" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: S. of Port Ewen

PHYSICAL DESCRIPTION: tidal flats

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important and freshwater fish nursery area/waterfowl migratory stop over

HABITAT: tidal flats Striped Bass spawning area.

THREATENED/
ENDANGERED:

OTHER (RR): Recreational fishery - important

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 904 MAP NUMBER: 9 SITE NAME: South of Vanderburgh Cove

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9&10 LATITUDE 41°52'08" NORTH LONGITUDE 73°55'57" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Staatsburgh, Hudson R. side of Dinsmore Pt. to Jones Is.

PHYSICAL DESCRIPTION: Small cove east side of river just south of Vanderburgh Cove

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input checked="" type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS Parks owns area for collection

ACCESS:

VEHICLE ☒

Vehicles have access to the site via Route 9G through the Mills Mansion.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS: This site is a natural collection area on the east side of the river just south of Vanderburgh Cove.

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 907 MAP NUMBER: 9 SITE NAME: Rondout Creek mouth (N&S)

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°55'17" NORTH LONGITUDE 73°57'58" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Kingston

PHYSICAL DESCRIPTION: creek mouth wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1004 MAP NUMBER: 10 SITE NAME: Cruger Island South Side

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 42-01' 19" NORTH LONGITUDE 073-35' 42" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Marsh inlet on the south side of Cruger IslandPHYSICAL DESCRIPTION: wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE: Important fish spawning area\Waterfowl spring and fall migration stop overHABITAT: tidal wetlandsTHREATENED/ENDANGERED: Osprey,Least Bittern, wood turtle and spotted turtle are rare/ special concern speices in NYS\ Heartleaf platain, estuary beggars, ticks and other speices are rare in NYSOTHER (RR): National Estuary Research Reserve NERR

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐ Boat access only.BOAT ☒STAGING AREAS: Possible staging area at Charlie Rider Park on west side of the river in Ulster County. Access by Route 32, parking and great boatCOLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1006 MAP NUMBER: 10 SITE NAME: Magdalen Island

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 42-02' 30" NORTH LONGITUDE 073-55' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Tivoli

PHYSICAL DESCRIPTION: wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Important fish spawning area\Waterfowl spring and fall migration stop over

HABITAT: tidal wetlands

THREATENED/ ENDANGERED: Osprey,Least Bittern, wood turtle and spotted turtle are rare/ special concern speices in NYS\ Heartleaf platain, estuary beggars, ticks and other speices are rare in NYS

OTHER (RR): National Estuary Research Reserve NERR

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1008 MAP NUMBER: 10 SITE NAME: Kingston Flats

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Kingston to Barrytown

PHYSICAL DESCRIPTION: tidal flats

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Most significant shad spawning area in NYS Waterfowl in spring and fall

HABITAT: Important fish spawning area

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1101 MAP NUMBER: 11 SITE NAME: Esopus Creek mouth (South)

USGS QUAD: Saugerties, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-03' 47" NORTH LONGITUDE 073-56' 12" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 3	1 John O'Mara	1 (914) 256 - 3000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Saugerties

PHYSICAL DESCRIPTION: wetlands

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☐ WINTER ☐

WILDLIFE: Striped Bass

HABITAT: Duck Hunting, Sport Fishing

THREATENED/
ENDANGERED:

OTHER (RR): Shallow inaccessible at low tide

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input type="checkbox"/>	Shallow at low tide (less than 1 foot)\
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: \Boat launch

COLLECTION POINTS: \Jettys located north and south

OTHER (RC): 4 Marinas in creek

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1105 MAP NUMBER: 11 SITE NAME: HR Green and Upper Flats

USGS QUAD: Saugerties, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-07' 12" NORTH LONGITUDE 073-54' 39" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Regions 3 & 4	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Saugerties to Cheviot, east side of river

PHYSICAL DESCRIPTION: tidal flats - HR Green Flats are out of water at low tide; Upper Flats are not.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☐ FALL ☒ WINTER ☐

WILDLIFE: Shad, American, migratory WaterFowl

HABITAT: Spawning (American Shad)

THREATENED/ \
ENDANGERED:

OTHER (RR): Cannot get on the Flats but can get around. Can walk on flats. Access from either side or from a split in between.

RESPONSE CONSIDERATIONS OWNERSHIP: NYS

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Cheviot Town Park (Boat Launch)\N. Germantown (Boat launch)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1107 MAP NUMBER: 11 SITE NAME: Green Point Marsh

USGS QUAD: Cementon, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-10' 30" NORTH LONGITUDE 073-53' 19" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: north shore, North end of Inbocht Bay

PHYSICAL DESCRIPTION: Green Point Marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Emergent Vegetation\Migatory water Fowl\Eagle nest

HABITAT: Tidal wetlands

THREATENED/ ENDANGERED: \Eagle

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS, Private

ACCESS:

VEHICLE	<input type="checkbox"/>	Road closest to bay is a cliff.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Germantown lanch\Catskill boat launch

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input checked="" type="checkbox"/>

MIN BOOM LENGTH 2100 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1204 MAP NUMBER: 12 SITE NAME: Marshes south of Athens, west shore

USGS QUAD: Hudson South, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 42-13' 02" NORTH LONGITUDE 073-49' 34" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: shoreline south of powerlines at Athens wetlands, open marsh Migratory waterfowl, rare plants, hunting tidal wetlands Huge cat tail marsh NYS, Central Hudson Route 385 - Work road and small boat ramp under powerlines crossingPHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	X MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 9000 ft

OTHER (PS)

PRIORITY ☒ B

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1304 MAP NUMBER: 13 SITE NAME: Marshes at Nutten Hook

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-18' 29" NORTH LONGITUDE 073-46' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Nutten Hook

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/ \Part of Federal Research Reserve

ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: HRERR

ACCESS:

VEHICLE ☒

Ferry road leads to beach and recreation area on Nutten Hook.

BOAT ☒

STAGING AREAS: Cossacki Boat Launch

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1503 MAP NUMBER: 15 SITE NAME: Van Wies Point

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-15 ESI MAP # 15 LATITUDE 42-35' 09" NORTH LONGITUDE 073-45' 33" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Wemple road to 144 to wheeler road.

PHYSICAL DESCRIPTION: bay/marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1504 MAP NUMBER: 15 SITE NAME: Unnamed marsh N of Van Wies Point

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-15 ESI MAP # 15 LATITUDE 42-35' 25" NORTH LONGITUDE 073-45' 21" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Opposite Van Wies Pt.

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): NYS-DEC to re-evaluate priority

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Citgo Boat Ramp - north of creek

COLLECTION POINTS:

OTHER (RC): Navigational aid with submerged break wall.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ B ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1505 MAP NUMBER: 15 SITE NAME: Island Creek, mouth of Norman Kill

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-15 ESI MAP # 15 LATITUDE 42-35' 53" NORTH LONGITUDE 073-45' 51" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: south end Port of Albany, Agway

PHYSICAL DESCRIPTION: creek

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: sturgeon

HABITAT: spawning, sturgeon

THREATENED/
ENDANGERED:

OTHER (RR): Railroad bridge 100yds inside mouth of creek.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: \

COLLECTION POINTS: \Corning Preserve

OTHER (RC): ACOE seawall both north and south of opening.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 2 MAP NUMBER: NY-10 SITE NAME: Sheepshead Bay

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12350, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 34' 55" NORTH LONGITUDE 073° 56' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC DEP	1 Natural Resources	1 (718)595-4365
2 NYC Parks	2 Natural Resources	2 (212)360-1417
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Entrance to Jamaica Bay / Manhattan Beach, Brooklyn

PHYSICAL DESCRIPTION: Highly developed navigable inlet with numerous boat docks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ SUMMER ☒ FALL ☒ WINTER ☒

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Commercial fishing; recreational boating marinas

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Sheepshead Bay Yacht Club (M2) - (718) 891-0991

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 41 MAP NUMBER: 1 SITE NAME: East Creek

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 200 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 45 MAP NUMBER: NY-2, 3 SITE NAME: Bronx River

USGS QUAD: Central Park & Flushing, NY NOAA CHART # 12339, 12363 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 12,17 LATITUDE 40° 48' 30" NORTH LONGITUDE 073° 52' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	1 Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 7 - 8 ft MAX CURRENTS: w/v* kts

GEOGRAPHIC LOCATION: East River / Bronx; Hunts Point / Sound View Park area(*one mile north of Hunts Point)

PHYSICAL DESCRIPTION: Shallow, tidally influenced creek with developed shoreline and some small marsh areas upstream; tidal flats at mouth, open cove with shallow anchorage

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Sound View Park on eastern shoreline

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC Parks / Private

ACCESS:

VEHICLE ☐

Navigable by shallow draft boats only

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 700 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 53 MAP NUMBER: 1 SITE NAME: Blind Brook

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 202 MAP NUMBER: 2 SITE NAME: North Piermont Pier

USGS QUAD: Nyack, NY NOAA CHART # 12343 River Mile: 21.25

NOAA ESI ATLAS NY Harbor ESI MAP # NY 14 LATITUDE 41°02'28" NORTH LONGITUDE 73°54'39" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Piermont\

PHYSICAL DESCRIPTION: small wetland area behind man made structure

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: various fish and blue crabs

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Town

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Rt 9W to Piermont Ave. to Ferry Rd.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS: This site is a natural collection area.

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 301 MAP NUMBER: 3 SITE NAME: Scarborough RR Cove

USGS QUAD: Ossining, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-2 LATITUDE 41°08'21" NORTH LONGITUDE 73°52'07" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Scarborough

PHYSICAL DESCRIPTION: bay/Railroad bridge opening

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Metro North

ACCESS:

VEHICLE ☐

Ossening boat launch

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 307 MAP NUMBER: 3 SITE NAME: Croton Point, North shore HR

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°11'13" NORTH LONGITUDE 73°54'08" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Croton-on-Hudson, North side of Croton Point

PHYSICAL DESCRIPTION: bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Most extensive area of shallow water habitat on the lower Hudson. Major spawning, nursery and wintering habitat for many important estuarine fish speices

HABITAT: Shortnosed Sturgeon habitat

THREATENED/
ENDANGERED: Shortnosed Sturgeon

OTHER (RR): Entire Haverstraw Bay area is an important habitat

RESPONSE CONSIDERATIONS

OWNERSHIP: Westchester County Parks

ACCESS:

VEHICLE ☒ Ossening boat launch
BOAT ☒

STAGING AREAS: Croton Point Park

COLLECTION POINTS: this site is a natural collection point.

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☒
MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 403 MAP NUMBER: 4 SITE NAME: Furnace Brook Bay

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'46" NORTH LONGITUDE 73°55'42" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Montrose

PHYSICAL DESCRIPTION: creek

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
	WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
	FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Most extensive area of shallow water habitat on the lower Hudson. \Major spawning, nursery and wintering habitat for many important estuarine fish speices

HABITAT: Shortnosed Sturgeon habitat

THREATENED/ ENDANGERED: \Shortnosed Sturgeon

OTHER (RR): Entire Haverstraw Bay area is an important habitat

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 405 MAP NUMBER: 4 SITE NAME: Stony Pt. Bay & Minisceongo Cr.

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'51" NORTH LONGITUDE 73°58'20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stony Point

PHYSICAL DESCRIPTION: bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Cedar Pond Brook Entrance

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 410 MAP NUMBER: 4 SITE NAME: Green's Cove, S of Verplanck Pt.

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°14'48" NORTH LONGITUDE 73°57'23" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Verplanck

PHYSICAL DESCRIPTION: bay/natural collection point

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS: this site is a natural collection point

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 416 MAP NUMBER: 4 SITE NAME: Peekskill Bay

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°17'27" NORTH LONGITUDE 73°56'17" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Peekskill

PHYSICAL DESCRIPTION: bay/creek entrance

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ good access by land and boatBOAT ☒

STAGING AREAS: Boat launch at Peekskill

COLLECTION POINTS: site is natural collection point

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 9000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 510 MAP NUMBER: 5 SITE NAME: Clove Creek Cove (w/RR outlet)

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°25'58" NORTH LONGITUDE 73°58'59" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Storm King

PHYSICAL DESCRIPTION: wetland

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: West Point

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 512 MAP NUMBER: 5 SITE NAME: Pollepel (Bannerman's) Island

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°27'23" NORTH LONGITUDE 73°59'13" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 Page:(914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: opposite Cornwall-on-Hudson

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 603 MAP NUMBER: 6 SITE NAME: Denning Point

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°29'20" NORTH LONGITUDE 73°59'11" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914) 437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Beacon

PHYSICAL DESCRIPTION: bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ good access road
BOAT ☐

STAGING AREAS:

COLLECTION POINTS: site is a natural collection point

OTHER (RC): bay north side

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 604 MAP NUMBER: 6 SITE NAME: Quassaick Creek

USGS QUAD: Cornwall, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-4 LATITUDE 41°29'19" NORTH LONGITUDE 74°00'55" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914) 437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Newburgh

PHYSICAL DESCRIPTION: small creek/just north of the Mobil facility

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input checked="" type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 701 MAP NUMBER: 1 SITE NAME: Cove N Of Wappinger Cr

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HUDSON RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:

PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 707 MAP NUMBER: 7 SITE NAME: Blue Point Cove

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-8 LATITUDE 41°40'42" NORTH LONGITUDE 73°57'00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Milton\

PHYSICAL DESCRIPTION: open cove

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	X MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	X SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 808 MAP NUMBER: 8 SITE NAME: Bard Rock Bay

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°48'28" NORTH LONGITUDE 73°56'41" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hyde Park

PHYSICAL DESCRIPTION: bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input type="checkbox"/>	no access for collection capability
BOAT	<input type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1001 MAP NUMBER: 10 SITE NAME: Astor Cove

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 41-56' 43" NORTH LONGITUDE 073-56' 37" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Clifton Pt.

PHYSICAL DESCRIPTION: bay

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
	WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
	FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 100 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1003 MAP NUMBER: 10 SITE NAME: Turkey Point S to Tyler Point

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 42-00' 48" NORTH LONGITUDE 073-56' 12" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Ulster Landing

PHYSICAL DESCRIPTION: tidal flats/shoreline

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Bald Eagle, ducks, fish spawning area

HABITAT:

THREATENED/ ENDANGERED: endangered plants at location.

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS: Ulster Landing County swim beach. Parking available and a sandy beach for collection area.

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1208 MAP NUMBER: 12 SITE NAME: Vosburgh Swamp

USGS QUAD: Hudson North, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-12 ESI MAP # 12 LATITUDE 42-17' 09" NORTH LONGITUDE 073-47' 26" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: N of Athens, west shore.

PHYSICAL DESCRIPTION: wetlands, marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Road access to area along beach.BOAT ☒

STAGING AREAS: Murders Creek Boat Launch

COLLECTION POINTS:

OTHER (RC): Fourmile Point road has good access and collection points.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1305 MAP NUMBER: 13 SITE NAME: North Side of Nutten Hook

USGS QUAD: NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-21' 45" NORTH LONGITUDE 073-42' 45" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of Nutten Hook

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input checked="" type="checkbox"/>	EXPOSED TIDAL FLATS <input checked="" type="checkbox"/>	MARSHES <input checked="" type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting

HABITAT: tidal wetlands

THREATENED/ ENDANGERED: \Part of Federal Research Reserve

OTHER (RR): ConRail track bisects bay creating a culvert.

RESPONSE CONSIDERATIONS

OWNERSHIP: OGS

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Road from Federal Research Reserve.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS: Federal Research Reserve\Coxsackie Boat Launch, Athens

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input checked="" type="checkbox"/>

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1306 MAP NUMBER: 13 SITE NAME: Marshes north of Nutten Hook

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-22' 24" NORTH LONGITUDE 073-47' 12" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Nutten Hook

PHYSICAL DESCRIPTION: marsh opposite north end of Cocksackie Island.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: OGS

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☒MEDIUM ☐

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☐ C

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1308 MAP NUMBER: 13 SITE NAME: Marshes S. of Stuyvesant

USGS QUAD: Hudson North, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-22' 50" NORTH LONGITUDE 073-47'-32" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stuyvesant

PHYSICAL DESCRIPTION: marsh, east shore

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	<input checked="" type="checkbox"/> MARSHES
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: Migratory waterfowl, rare plants, hunting

HABITAT: tidal wetlands

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: OGS

ACCESS:

VEHICLE ☐ Good access road to water.BOAT ☒

STAGING AREAS: Stuyvesant Boat Launch\Coxsackie Boat Launch - small boats only

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1311 MAP NUMBER: 13 SITE NAME: marshes at Schodack Creek

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: North of Stuyvesant to N. of Schodack Landing

PHYSICAL DESCRIPTION: marsh

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input checked="" type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1 MAP NUMBER: 8 SITE NAME: Elizabeth Marina

USGS QUAD: Elizabeth, NJ NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (908) 820-4296
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 2 MAP NUMBER: 10 SITE NAME: Sheeps Head Bay Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 891-0991
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 9000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 3 MAP NUMBER: 10 SITE NAME: Neptune Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 4 MAP NUMBER: 6,7 SITE NAME: North Cove Yacht Club

USGS QUAD: Manhattan, NY NOAA CHART # River Mile:

NOAA ESI ATLAS HUDSON ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 N. Cove Yacht Club	1 AREA	1 (212) 938-9000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK EXPOSED ROCKY SHORES ☐ WAVE CUT PLATFORMS ☐ FINE SAND BEACHES ☐ COARSE SAND BEACHES ☐ SAND AND GRAVEL BEACHES ☐ GRAVEL BEACHES/RIPRAP ☐ EXPOSED TIDAL FLATS ☐ SHELTERED TIDAL FLATS ☐ SHELTERED ROCKY SHORE ☐ MARSHES ☐ MAN-MADE STRUCTURES ☒

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: North Cove Yacht Club.COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 9000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 5 MAP NUMBER: 9,12 SITE NAME: Great Kills Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Richmond County Yacht Club (M5) (718) 948-9615COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 6 MAP NUMBER: 10 SITE NAME: Bergen Beach Y.C.

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 338-4200
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 7 MAP NUMBER: 6,7 SITE NAME: Liberty Harbor Marina

USGS QUAD: Jersey City NOAA CHART # River Mile:

NOAA ESI ATLAS HUDSON ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (201) 451-1000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 8 MAP NUMBER: 6,7 SITE NAME: Newport Yacht Club

USGS QUAD: Jersey City NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Yacht Club	1	1 (201) 626-5550
2 Yacht Club	2	2 (N) (718) 885-0617
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Limited staging area.COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 400 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 10 MAP NUMBER: 6 SITE NAME: Lincoln Harbor Marina

USGS QUAD: Hoboken NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (201) 319-5100
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 11 MAP NUMBER: 6 SITE NAME: Port Imperial

USGS QUAD: Weehawken NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Hudson	1	1 (201) 902-8787
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 12 MAP NUMBER: 5 SITE NAME: 79th St Port Basin

USGS QUAD: Manhattan NOAA CHART # River Mile:

NOAA ESI ATLAS HUDSON RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Port Imperial Marina (M11) (201)902-8787COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 13 MAP NUMBER: 12 SITE NAME: Wagners Twin Towers Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (732) 583-6930
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 15 MAP NUMBER: 12 SITE NAME: Atlantic Highlands Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (732) 291-1670
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2100 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 17 MAP NUMBER: 1 SITE NAME: Wright Island Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Wright Island Marina	1	1 (914) 235-8013
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 18 MAP NUMBER: 1 SITE NAME: City Island Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 City Island Marina	1 AREA	1 (718) 885-2487
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2400 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 19 MAP NUMBER: 1 SITE NAME: U.S. Maritime Academy

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 US Maritime Academy	1 AREA	1 (516) 773-5232
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 20 MAP NUMBER: 1 SITE NAME: Locust Point Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Locust Point Marina	1 AREA	1 (718) 822-7974
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 21 MAP NUMBER: 1 SITE NAME: East Chester Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 22 MAP NUMBER: 1 SITE NAME: Mamaroneck Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 23 MAP NUMBER: 1 SITE NAME: Station Fort Totten

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 352-4422
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 100 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 24 MAP NUMBER: 1 SITE NAME: Shelter Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (516) 482-9085
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 700 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 25 MAP NUMBER: 1 SITE NAME: Broadlawn Harbor Yacht Club

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Broadlawn Harbor Y.C.	1	1 (516) 482-9793
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 26 MAP NUMBER: 1 SITE NAME: Port Washington Yacht Club

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (516) 767-9749
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 27 MAP NUMBER: 1 SITE NAME: Manhasset Bay Harbor

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Manhasset Bay Marina	1 AREA	1 (516) 883-8411
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 28 MAP NUMBER: 1 SITE NAME: Capri Marina West

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Capri Marina	1 AREA	1 (516) 944-3600
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 30 MAP NUMBER: 1 SITE NAME: Brewers Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Brewers Marina	1 AREA	1 (516) 671-5563
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 32 MAP NUMBER: 1 SITE NAME: Glen Cove Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Glen Cove Marina	1 AREA	1 (800) 564-2683
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 33 MAP NUMBER: 10 SITE NAME: Venice Yacht Club

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 646-2640
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 34 MAP NUMBER: 10 SITE NAME: Barren Island Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 338-4200
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 35 MAP NUMBER: 10 SITE NAME: Diamond Point Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 444-7700
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 36 MAP NUMBER: 4 SITE NAME: South Street Seaport

USGS QUAD: Manhattan NOAA CHART # River Mile:

NOAA ESI ATLAS EAST RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Brooklyn Navy Yard Development Corporation (718) 852-1441COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 37 MAP NUMBER: 4 SITE NAME: Skyport Marina

USGS QUAD: Manhattan NOAA CHART # River Mile:

NOAA ESI ATLAS EAST RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Skyport Marina	1 AREA	1 (212) 686-4548
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Brooklyn Navy Yard development Corporation (718) 852-1441COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 38 MAP NUMBER: 2 SITE NAME: World's Fair Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1 AREA	1 (718) 478-0480
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 39 MAP NUMBER: 8 SITE NAME: Atlas Yacht Club

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Atlas Yacht Club	1 AREA	1 (201) 858-9605
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 40 MAP NUMBER: 9 SITE NAME: Perth Amboy Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Perth Amboy Marina	1 AREA	1 (732) 826-5000
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 42 MAP NUMBER: 9 SITE NAME: Smith Creek Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐
BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 43 MAP NUMBER: 8 SITE NAME: Staten Island Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 442-8018
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 44 MAP NUMBER: 10 SITE NAME: Marine Basin Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 372-5700
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 47 MAP NUMBER: 8 SITE NAME: Roosevelt Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (201) 435-3864
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 48 MAP NUMBER: 8 SITE NAME: Roanoke Yacht Club

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Roanoke Yacht Club	1 AREA	1 (201) 344-9379
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 49 MAP NUMBER: 8 SITE NAME: Elco Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 ELCO Marina	1 AREA	1 (201) 437-2355
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 50 MAP NUMBER: 8 SITE NAME: Robbins Reef Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Robbins Reef Marina	1 AREA	1 (201) 858-9510
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 51 MAP NUMBER: 1 SITE NAME: Beechurst Yacht Club

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 52 MAP NUMBER: 1 SITE NAME: Bayside Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1 AREA	1 (718) 229-0097
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 54 MAP NUMBER: 12 SITE NAME: Lemon Creek Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 943-9766
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 55 MAP NUMBER: 12 SITE NAME: USCG Station Sandy Hook

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (732) 872-3428
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 56 MAP NUMBER: 10 SITE NAME: USCG Station Rockaway

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 727-9199
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 700 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 57 MAP NUMBER: 8 SITE NAME: Marine Power & Light Marina

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Marine Power & Light	1 AREA	1 (718) 442-8018
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 103 MAP NUMBER: 1 SITE NAME: Englewood Boat Basin

USGS QUAD: Yonkers, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 13 LATITUDE 40°52'15" NORTH LONGITUDE 73°55'32" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Palasades Park Comm.	1 Operator	1 (201)894-9510
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Englewood Cliffs NJ

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Palisades Park Comm.

ACCESS:

VEHICLE ☒ off Hudson Ave., Edgewater NJBOAT ☒

STAGING AREAS:

COLLECTION POINTS: \

OTHER (RC): expensive boats

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 104 MAP NUMBER: 1 SITE NAME: Alpine Boat Basin

USGS QUAD: Yonkers, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 13 LATITUDE 40°56'46" NORTH LONGITUDE 73°55'17" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 .	1	1 (914)437-6720
2 Palisades Park Comm.	2	2 (201)768-9798
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Alpine NJ

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Palisades Park Comm.

ACCESS:

VEHICLE ☒

Palisades Parkway/ gas available at site

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Private boats

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 203 MAP NUMBER: 2 SITE NAME: Marina

USGS QUAD: Yonkers, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 14 LATITUDE 41°02'37" NORTH LONGITUDE 73°55'05" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Piermont/West side of river at mile 25

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 198 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Rt 9W to Piermont Ave.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): rest rooms, boat launch, food available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 204 MAP NUMBER: 2 SITE NAME: Tappan Zee Marina

USGS QUAD: Nyack NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 19 LATITUDE 41°04'58" NORTH LONGITUDE 73°55'04" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Marina	2	2 (914)359-5522
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Piermont, N.Y./ West side of river at river mile 25\

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 139 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Rt 9W to Piermont Ave.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): food, fuel, rest rooms available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 205 MAP NUMBER: 2 SITE NAME: Tarrytown Marina

USGS QUAD: Nyack NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 19 LATITUDE 41°04'17" NORTH LONGITUDE 73°52'01" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Tarrytown Marina	2	2 (914)631-1300
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Tarrytown, N.Y. East side of river at river mile 27

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/ \
ENDANGERED:

OTHER (RR): 200 boats stored/floating docks

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Rt 9 to St. by RR stationBOAT ☒

STAGING AREAS:

COLLECTION POINTS: \

OTHER (RC): food, fuel, rest rooms available. 12 ft water at dock.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 206 MAP NUMBER: 2 SITE NAME: Tarrytown Yacht Club

USGS QUAD: Nyack NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 19 LATITUDE 41°04'40" NORTH LONGITUDE 73°52'15" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Tarrytown

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): culvert just north of Y.C. drains all of Tarrytown's storm sewers. Fuel available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 207 MAP NUMBER: 2 SITE NAME: Peterson's Boatyard (south)

USGS QUAD: Nyack NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 14 LATITUDE 41°06'57" NORTH LONGITUDE 73°54'50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Nyack, N.Y. West side of river at river mile 28

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 55 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	RT. 9W to Main to end of Burd St.
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): small marina, no fuel

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 208 MAP NUMBER: 2 SITE NAME: Peterson's Boatyard

USGS QUAD: Nyack NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # NY 14 LATITUDE 41°07'20" NORTH LONGITUDE 73°54'40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Upper Nyack, west side of river at river mile 28

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 55 boats stored. Large mooring field between the north and south boatyards.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): restrooms, fuel available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 302 MAP NUMBER: 3 SITE NAME: Westerly Marina

USGS QUAD: Ossining, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-2 LATITUDE 41°09'17" NORTH LONGITUDE 73°52'14" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Westerly Marina	2	2 (914)941-2203
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Ossining, east side of the river at river mile 32

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 80 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): restrooms, fuel available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 303 MAP NUMBER: 3 SITE NAME: Marine

USGS QUAD: Ossining, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-2 LATITUDE 41°09'40" NORTH LONGITUDE 73°52'16" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Ossining, at river mile 37

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 90 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): food, fuel, and launch ramp available at site.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 306 MAP NUMBER: 3 SITE NAME: Half Moon Bay Yacht Club

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°11'30" NORTH LONGITUDE 73°53'28" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Croton-on-Hudson, east side of river at river mile 35

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 90 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 401 MAP NUMBER: 4 SITE NAME: Haverstraw Marina

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'05" NORTH LONGITUDE 73°57'53" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Marina office	2	2 (914)429-2001
3 Gas dock	3	3 (914)429-5894

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: W. Haverstraw, west side of river at river mile 37

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Open all year. 700 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP: Haverstraw. Corp.

ACCESS:

VEHICLE ☒

Rt 9W to Railroad Ave, N on Beach Rd. or Main St. Stony Pt. to Beach Rd.\\

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): food, fuel, launch ramp, restrooms available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 406 MAP NUMBER: 4 SITE NAME: Willow Cove Marina

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'43" NORTH LONGITUDE 73°58'33" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 •(914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stony Point, west side of river at river mile 39

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 140 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): food and boat launch available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 407 MAP NUMBER: 4 SITE NAME: Stony Point Marina

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'51" NORTH LONGITUDE 73°58'34" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stony Point, west side of river at river mile 39

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 120 boats stored at marina

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 408 MAP NUMBER: 4 SITE NAME: Belle Harbor Marina

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°13'59" NORTH LONGITUDE 73°58'33" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stony Point, west side of river at river mile 39

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 120 boats stored at marina

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): boat launch and restrooms available at site

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 409 MAP NUMBER: 4 SITE NAME: Minisceongo Yacht Club

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°14'13" NORTH LONGITUDE 73°58'33" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Stony Point, west side of river at river mile 39

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 125 boats stored at marina

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): fuel and boat launch available at site.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 411 MAP NUMBER: 4 SITE NAME: Viking Marina

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°14'57" NORTH LONGITUDE 73°57'31" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Verplanck, east side of river at river mile 41

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 150 boats stored at marina

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Rt. 9 to Albany Post Rd to Kings Ferry Rd.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): food and restrooms available at site.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 415 MAP NUMBER: 4 SITE NAME: Charles Pt. Marina

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°16'52" NORTH LONGITUDE 73°56'19" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Peekskill, east side of river at river mile 43

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 102 boats stored at marina

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): food and fuel available at site. Operates May 1 to Oct. 1.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 502 MAP NUMBER: 5 SITE NAME: Garrison Yacht Club

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°22'37" NORTH LONGITUDE 73°56'59" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Garrison East side of river at river mile 51

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 31 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Club has their own boom

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 503 MAP NUMBER: 5 SITE NAME: West Point Yacht Club

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°22'53" NORTH LONGITUDE 73°57'27" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: West Point West side of the river at river mile51

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 15 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP: US Military Academy

ACCESS:

VEHICLE ☒

USMA, Thayer Rd.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Boat ramp available, 5 k boom on reel at site

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 508 MAP NUMBER: 5 SITE NAME: Cold Spring Boat Club

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°25'06" NORTH LONGITUDE 73°57'46" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 Page:(914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cold Spring, East side of the river at river mile 54

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Private Yacht Club with 60 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ Rt 9D to Rt 301
BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Boat ramp, rest rooms available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐
RECOVERY ☐
PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 511 MAP NUMBER: 5 SITE NAME: Cornwall Yacht Club

USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-5 LATITUDE 41°26'30" NORTH LONGITUDE 73°59'43" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Cornwall-on-Hudson, West side of the river at river mile 57

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): April 15 to Oct 15, 102 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Rt 9W to Rt 218 to River Rd.\\boat access has 15 ft of water for approach and 4 ft at the dock

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Boat ramp and fuel available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 605 MAP NUMBER: 6 SITE NAME: Gull Harbor Marina

USGS QUAD: Cornwall, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-4 LATITUDE 41°29'34" NORTH LONGITUDE 74°00'24" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Newburgh/West side of the river at river mile 60\

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 140 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Parking is available south of the marina.

BOAT ☒

STAGING AREAS: Newburgh Landing is a good staging area with parking and boat ramp.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 606 MAP NUMBER: 6 SITE NAME: Beacon Yacht Club

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°30'23" NORTH LONGITUDE 73°58'59" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Newburgh\East Side of the river at river mile 60

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 35 boats

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Metro North parking lot

COLLECTION POINTS:

OTHER (RC): Small boat ramp available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 607 MAP NUMBER: 6 SITE NAME: Newburgh Yatch Club

USGS QUAD: Newburgh, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-6 LATITUDE 41°31'04" NORTH LONGITUDE 74°00'24" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Office	2	2 (914)565-3920
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Newburgh\West side of the river at river mile 61

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): May 1st to last week in October 110 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

\Boat access has 12 feet of water on approach and 6 feet at the dock

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Food/fuel/rest rooms available. Small boat launch.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 608 MAP NUMBER: 6 SITE NAME: Newburgh Marina

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°32'55" NORTH LONGITUDE 73°59'46" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Beacon\West side of the river just south of the Hess Terminal

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 50 boats - anchored and on floating docks

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): small boat ramp

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 609 MAP NUMBER: 6 SITE NAME: Chelsea Yacht Club

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 42°58'02" NORTH LONGITUDE 073°58'22" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 Page:(914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Chelsea - East side of the river at river mile 64

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 130 boats in a mooring field

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Small town boat ramp available

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 610 MAP NUMBER: 6 SITE NAME: Chelsea Marina

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°33'23" NORTH LONGITUDE 73°58'02" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 Page:(914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Chelsea- East side of the river at river mile 64

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): about 100 boats stored at floating docks.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Site is a good staging area with parking and a boar ramp available.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 701 MAP NUMBER: 7 SITE NAME: White's Marina

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°35'03" NORTH LONGITUDE 73°56'59" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 •(914)437-6720
2 White's Marina	2	2 (914)297-8520
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: New Hamburg

PHYSICAL DESCRIPTION: bay with private marina/floating docks

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input checked="" type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): site is small bay occupied by Whites Marina with about 307 boats stored at site

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒ boat launch is available at White's Marina.BOAT ☒

STAGING AREAS: White's Marina

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 703 MAP NUMBER: 7 SITE NAME: New Hamburg Yacht Club

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°35'15" NORTH LONGITUDE 73°57'03" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: New Hamburg

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): 50 boats at floating docks

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 705 MAP NUMBER: 7 SITE NAME: West Shore Marina

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°36'16" NORTH LONGITUDE 73°57'41" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Office	2	2 (914)236-4486
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Marlboro- West side of the river at river mile 68

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): April 1st to October 15th, 190 boats stored

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	12 foot of water at the docks
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Fuel and boat ramp available.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 802 MAP NUMBER: 8 SITE NAME: Mariner's Harbor Marina

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-8 LATITUDE 41°42'29" NORTH LONGITUDE 73°57'01" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Highland

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Marina has about 30 boats and floating docks. Hudson Valley River Boat Tours operate at location

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Waryas Memorial Park Poughkeepsie is south of this site with parking and boat ramp.

COLLECTION POINTS:

OTHER (RC): Star Terminal is adjacent neighbor to the North.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 804 MAP NUMBER: 8 SITE NAME: Hyde Park Marina

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-8 LATITUDE 41°44'09" NORTH LONGITUDE 73°56'12" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hyde Park

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Site is a protected marina with additional floating docks outside of the protection. There is a small inlet to the main marina. Marina has a 100 boats.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Food/fuel/Sheriffs boat at site. Hospital is nearby.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 200 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 806 MAP NUMBER: 8 SITE NAME: Roger's Point Marina (914)229-2236

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°46'32" NORTH LONGITUDE 73°56'54" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hyde Park

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Floating docks with about 50 boats. Marina phone (914)229-2236

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Access road at 1st light to the south of the Vanderbilt Mansion

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Gas available, two boat ramps at site (shallow water).

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 5000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 901 MAP NUMBER: 9 SITE NAME: Norrie Yacht Basin

USGS QUAD: Hyde Park, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-9 LATITUDE 41°50'02" NORTH LONGITUDE 73°56'35" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Staatsburgh

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): boats in the marina.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	site is located within the Indian Kill (site 902)
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): boat ramp at marina is due for construction 97/98. Limited access to ramp at low tide.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 909 MAP NUMBER: 9 SITE NAME: Creek Marinas

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°54'56" NORTH LONGITUDE 73°59'22" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Kingston

PHYSICAL DESCRIPTION: marinas (Number:10)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input checked="" type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): lots of boats located at about ten separate marinas in the Rondout Creek.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Most of the marinas are located deep into the creek.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): gas is available and several marinas have small boat ramps.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 4000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1102 MAP NUMBER: 11 SITE NAME: Creek marinas

USGS QUAD: Saugerties, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-04' 06" NORTH LONGITUDE 073-56' 37" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Saugerties

PHYSICAL DESCRIPTION: marinas:4 - See Boating Guide

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1202 MAP NUMBER: 12 SITE NAME: Creek marinas

USGS QUAD: Hudson South, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-11 ESI MAP # 11 LATITUDE 42-12' 38" NORTH LONGITUDE 073-51' 43" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Catskill

PHYSICAL DESCRIPTION: marinas - see Marina Guide

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☒ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NYS, Private

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 6000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1211 MAP NUMBER: 12 SITE NAME: Hudson Powerboat Association

USGS QUAD: Hudson North, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS HRL-12 ESI MAP # 12 LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: \Hudson

PHYSICAL DESCRIPTION: \Large Marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Hudson Powerboat Asso. - large dock right on the river.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1401 MAP NUMBER: 14 SITE NAME: Shady Harbor Marina

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-13 ESI MAP # 13 LATITUDE 42-26' 09" NORTH LONGITUDE 073-42' 01" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: New Baltimore

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 10000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1404 MAP NUMBER: 14 SITE NAME: Coeymans Marina

USGS QUAD: Ravena, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-27' 18" NORTH LONGITUDE 073-47' 03" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Coeymans

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT: submerged reef

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS: Coeymans Boat Launch

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☒

MIN BOOM LENGTH 4000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1408 MAP NUMBER: 14 SITE NAME: Castleton Boat Club

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-14 ESI MAP # 14 LATITUDE 42-32' 29" NORTH LONGITUDE 073-45' 32" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Castleton-on-Hudson

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☒ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE	<input checked="" type="checkbox"/>	Access area from Conrail property
BOAT	<input checked="" type="checkbox"/>	

STAGING AREAS:

COLLECTION POINTS: Natural collection point in an area just north of marina

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT	<input checked="" type="checkbox"/>
RECOVERY	<input type="checkbox"/>
PROTECTION	<input checked="" type="checkbox"/>

DEGREE OF PROTECTIBILITY:

HIGH	<input type="checkbox"/>
LOW	<input type="checkbox"/>
MEDIUM	<input type="checkbox"/>

MIN BOOM LENGTH 3000 ft

OTHER (PS)

PRIORITY ☒ M

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1506 MAP NUMBER: 15 SITE NAME: Albany Yacht Club

USGS QUAD: Delmar, NY NOAA CHART # 12348 River Mile:

NOAA ESI ATLAS HRL-15 ESI MAP # 15 LATITUDE 42-40" 49" NORTH LONGITUDE 073-43' 11" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 4	1	1 (607) 652 - 7364
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Rensselaer

PHYSICAL DESCRIPTION: marina

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☒ A FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒BOAT ☒

STAGING AREAS:

COLLECTION POINTS: Albany Yacht Club

OTHER (RC): No boat launch.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1 MAP NUMBER: 8 SITE NAME: Kvk Swimming Pool

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Marine power and light (M57) (718) 442-8018COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 2 MAP NUMBER: 7 SITE NAME: Amerada Hess

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Marine Power and Light (M57) (718) 442-8018COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 3 MAP NUMBER: 7 SITE NAME: St George Fuel Pier

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 5 MAP NUMBER: 10 SITE NAME: Sheepshead Bay Inlet

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS: SHEEPS HEAD BAY MARINA (M2) (718) 891-0991COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 800 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 6 MAP NUMBER: 4,7 SITE NAME: Wallabout Bay

USGS QUAD: Brooklyn NOAA CHART # River Mile:

NOAA ESI ATLAS EAST RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Brooklyn Navy Yard development Corporation (718) 852-1441COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 7 MAP NUMBER: 7 SITE NAME: Atlantic Basin

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 8 MAP NUMBER: 7 SITE NAME: Erie Basin

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: RED HOOK MARINE TERMINAL (718) 875-0777COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 300 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 9 MAP NUMBER: 7 SITE NAME: Con Ed Narrows

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 11 MAP NUMBER: 3 SITE NAME: Wards Island Psych Hospital

USGS QUAD: Bronx NOAA CHART # River Mile:

NOAA ESI ATLAS HARLEM RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 13 MAP NUMBER: 8 SITE NAME: Texaco Dock

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 14 MAP NUMBER: 8 SITE NAME: Salt Dock

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Marine Power and Light Marina. (718) 442-8018COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 15 MAP NUMBER: 8 SITE NAME: Wall Street Paper

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 16 MAP NUMBER: 10 SITE NAME: Bergen Basin

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 17 MAP NUMBER: 10 SITE NAME: Head Of Bay Channel

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☐ R ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 18 MAP NUMBER: 10 SITE NAME: Negro Bar Channel

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 600 ft

OTHER (PS)

PRIORITY ☒ R

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 90 MAP NUMBER: 7 SITE NAME: Gowanus Canal

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Red Hook Marine Terminal. (718) 875-0777COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1800 ft

OTHER (PS)

PRIORITY ☒ R

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 91 MAP NUMBER: 4 SITE NAME: Newtown Creek

USGS QUAD: Brooklyn NOAA CHART # River Mile:

NOAA ESI ATLAS EAST RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☐STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ R

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 92 MAP NUMBER: 7 SITE NAME: Owls Head Park

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Pier 69 Brooklyn.COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☒PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1 MAP NUMBER: 4 SITE NAME: Amstar Corporation

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Power Plant Water Intake; Depth=15'

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Brooklyn Navy Yard Development Corporation. (718) 852-1441COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 2 MAP NUMBER: NY-3 SITE NAME: Con Edison Astoria Generating Station

USGS QUAD: Central Park, NY NOAA CHART # 12339 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 47' 30" NORTH LONGITUDE 073° 54' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Station Manager	1 Normal work day contact	1 (718)204-4398
2 Shift Supervisor	2 24 hour contact	2 (718)952-8059\
3 Corporate Contact	3 24 hour contact - CIG	3 (212)580-6763

SITE DESCRIPTION SITE AREA: TIDAL RANGE 6 - 8 ft MAX CURRENTS: 4.3 kts

GEOGRAPHIC LOCATION: East River / Queens; 21st St. and 20th Ave, Astoria; on Lawrence Point, east of Wards Island; bounded by Steinway Creek the eastPHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ AWILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Power plant water intake; depth = 48'

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 3 MAP NUMBER: NY-9, 9b SITE NAME: Con Ed Arthur Kill Generating Station

USGS QUAD: Arthur Kill, NY-NJ NOAA CHART # 12333, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 4 LATITUDE 40° 35' 30" NORTH LONGITUDE 074° 12' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Watch Supervisor	1 24 hour contact	1 (718)390-2741
2 Corporate Contact	2 24 hour contact - CIG	2 (212)580-6763
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Arthur Kill / Western Staten Island; across from Rahway River outlet, north of Little Fresh Kills, south of Neck Creek; 4401 Victory Blvd, Staten Island

PHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK EXPOSED ROCKY SHORES ☐ WAVE CUT PLATFORMS ☐ FINE SAND BEACHES ☐ COARSE SAND BEACHES ☐ SAND AND GRAVEL BEACHES ☐ GRAVEL BEACHES/RIPRAP ☐ EXPOSED TIDAL FLATS ☐ SHELTERED TIDAL FLATS ☐ SHELTERED ROCKY SHORE ☐ MARSHES ☐ MAN-MADE STRUCTURES ☒

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/ENDANGERED:

OTHER (RR): Power plant water intake; depth = 20'

RESPONSE CONSIDERATIONS OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☐

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD: DEFLECT ☒ RECOVERY ☐ PROTECTION ☒

DEGREE OF PROTECTIBILITY: HIGH ☐ LOW ☐ MEDIUM ☐

MIN BOOM LENGTH 2000 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 09/26/25

SITE # 4 MAP NUMBER: NY-4, 7 SITE NAME: Con Edison East River Gen. Station

USGS QUAD: Brooklyn, NY NOAA CHART # 12335, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 11 LATITUDE 40° 43' 40" NORTH LONGITUDE 073° 58' 20" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Shift Supervisor	1 24 hour contact	1 (212)614-3640
2 Control Room	2 24 hour contact	2 (212)614-3600
3 Corporate Contact	3 24 hour contact - CIG	3 (212)580-6763

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / east Manhattan; north of Williamsburg bridge; 801 East 14th St., New York\

PHYSICAL DESCRIPTION: Station consists of generating station, south steam station building, and fuel oil tank farm

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power plant water intakes; depth = 25'

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Brooklyn Navy Yard Development Corporation - (718) 852-1441\Skyport Marina (M37) - (212) 686-4548

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 900 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 5 MAP NUMBER: NY-4, 7 SITE NAME: Con Edison Hudson Avenue Gen. Station

USGS QUAD: Brooklyn, NY NOAA CHART # 12335, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 11 LATITUDE 40° 42' 19" NORTH LONGITUDE 073° 58' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Shift Supervisor	1 24 hour contact	1 (718)834-3858
2 Control Room	2 24 hour contact	2 (718)834-3838
3 Corporate Contact	3 24 hour contact - CIG	3 (212)580-6763

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / Brooklyn; east of Manhattan Bridge, south of Williamsburg Bridge;\1-11 Hudson Ave, Brooklyn; adjacent to for
Brooklyn Navy YardPHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ AWILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Power plant water intake; depth = 20'

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Brooklyn Navy Yard Development Corporation - (718) 852-1441COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 6 MAP NUMBER: NY-3, 5 SITE NAME: Con Edison Ravenswood Gen. Station

USGS QUAD: Central Park, NY NOAA CHART # 12339, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 45' 39" NORTH LONGITUDE 073° 56' 49" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Station Manager	1 Normal work day contact	1 (718)706-2783/81
2 Shift Supervisor	2 24 hour contact	2 (718)706-2753
3 Corporate Contact	3 24 hour contact - CIG	3 (212)580-6763

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / Queens; between Queensboro Bridge and Roosevelt Island Bridge; 38-54 Vernon Blvd., Long Island City

PHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK EXPOSED ROCKY SHORES ☐ WAVE CUT PLATFORMS ☐ FINE SAND BEACHES ☐ COARSE SAND BEACHES ☐ SAND AND GRAVEL BEACHES ☐ GRAVEL BEACHES/RIPRAP ☐ EXPOSED TIDAL FLATS ☐ SHELTERED TIDAL FLATS ☐ SHELTERED ROCKY SHORE ☐ MARSHES ☐ MAN-MADE STRUCTURES ☒

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power plant water intake; depth = 20'

RESPONSE CONSIDERATIONS OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☐
BOAT ☒

STAGING AREAS: Brooklyn Navy Yard Development Corporation - (718) 852-1441

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ X
RECOVERY ☐
PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐
LOW ☐
MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 7 MAP NUMBER: NY-4 SITE NAME: Con Edison Waterside Gen. Station

USGS QUAD: Brooklyn, NY NOAA CHART # 12335, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 11 LATITUDE 40° 44' 50" NORTH LONGITUDE 073° 58' 15" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Watch Supervisor	1 24 hour contact	1 (212)561-2660
2 Corporate Contact	2 24 hour contact - CIG	2 (212)580-6763
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / east Manhattan (at 39th St.); 700 First Avenue, NY; just south of United Nations

PHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power plant water intake; depth = 20'

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☐BOAT ☒

STAGING AREAS: Skyport Marina (M37) - (212) 686-4548 \Brooklyn Navy Yard Development Corporation - (718) 852-1441

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 8 MAP NUMBER: NY-5 SITE NAME: Con Edison 59th Street Gen. Station

USGS QUAD: Central Park, NY NOAA CHART # 12335, 12341 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 46' 30" NORTH LONGITUDE 073° 59' 50" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Operations Support	1 Normal work day contact	1 (212)315-6773
2 Watch Supervisor	2 24 hour contact	2 (212)315-6759
3 Corporate Contact	3 24 hour contact - CIG	3 (212)580-6763

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 5 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Hudson River / west Manhattan, at 12th Avenue between 58th and 59th Streets; 1850 12th Avenue, New York

PHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power plant water intake; depth =

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 05/05/25

SITE # 9 MAP NUMBER: NY-3, 5 SITE NAME: Con Edison East 74th St. Gen. Station

USGS QUAD: Central Park, NY NOAA CHART # 12339, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 46' 00" NORTH LONGITUDE 073° 57' 10" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Watch Supervisor	1 24 hour contact	1 (212)606-2744
2 Control Room	2 24 hour contact	2 (212)606-2700
3 Corporate Contact	3 24 hour contact	3 ((212) 580-6763

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River/ east Manhattan, between E. 74th and E. 75th Streets; 506 East 75th Street, New York

PHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power plant water intake; depth = 20'

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 10 MAP NUMBER: 7 SITE NAME: World Trade Center

USGS QUAD: Manhattan NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Power Plant water intake; Depth = 10'

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: Liberty Harbor Marina (M45) (201) 451-1000COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # _____ MAP NUMBER: 7 SITE NAME: IBM Poughkeepsie

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12343 River Mile: _____

NOAA ESI ATLAS ESI MAP # HR-8 LATITUDE 41.39°06" N LONGITUDE 73.56°34"W

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/J. O'Mara	1 Spill Response	1 (845) 437-8720
2 Plant	2	2 (845) 433-3342
3	3	3

SITE DESCRIPTION SITE AREA: _____ TIDAL RANGE _____ ft MAX CURRENTS: _____ kts

GEOGRAPHIC LOCATION: Opposite Milton/East side above Van KeurensPHYSICAL DESCRIPTION: Cooling Water Intake

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RC): Intakes below surface

RESPONSE CONSIDERATIONS

OWNERSHIP: IBM Corporation

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC): Access through IBM site

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH _____ ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 11 MAP NUMBER: 3 SITE NAME: Pas NY Astoria Station

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 12 MAP NUMBER: NY-10 SITE NAME: New York Aquarium

USGS QUAD: Coney Island, NY-NJ NOAA CHART # 12402, 12327 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 10 LATITUDE 40° 34' 00" NORTH LONGITUDE 073° 59' 00" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Robert Hayden	1	1 (718)265-3464
2	2	2 (718)265-3461
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: South shore of Coney Island, Brooklyn;\End of West 17th Street

PHYSICAL DESCRIPTION: Water intake for aquarium (Position approximate)\Depth =

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NY Aquarium

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS: Sheepshead Bay Marina (M2) - (718) 891-0991/(718) 891-3359 (night)

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 13 MAP NUMBER: 5 SITE NAME: Columbia Medical Center

USGS QUAD: Bronx NOAA CHART # River Mile:

NOAA ESI ATLAS HUDSON RIVER ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Port Imperial Marina (M11) (201) 902-8787COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 14 MAP NUMBER: NY-10 SITE NAME: LILCO 24th Street, Queens

USGS QUAD: Far Rockaway, NY NOAA CHART # 12350, 12326 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 15 LATITUDE 40° 36' 40" NORTH LONGITUDE 073° 45' 40" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Charles Mazzilli	1	1 (516)420-6144
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 5 - 7 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Eastern Jamaica Bay / Far Rockaway\1425 Beach 24th Street, Queens

PHYSICAL DESCRIPTION: Water intake for power plant (Position approximate)\Depth =

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Long Island Lighting Company

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 15 MAP NUMBER: 7 SITE NAME: One New York Plaza

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Power plant water intake; Depth = 9 ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 16 MAP NUMBER: 7 SITE NAME: Olympia and York Battery Park

USGS QUAD: Manhattan NOAA CHART # River Mile:

NOAA ESI ATLAS NY HARBOR ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS: USCG Battery Park Boulevard (212) 668-6157COLLECTION POINTS:OTHER (RC): Water Intake; Depth = 20'

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 23 MAP NUMBER: 13 SITE NAME: Lindcroft Swimming River

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water Intake Depth 10ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Atlas Harbor Muni Marina (M15) (732) 291-1670COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 24 MAP NUMBER: 13 SITE NAME: Neptuna, Green Grove Avenue

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake depth = 10 ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Hamphans & Haven, BelmarCOLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 25 MAP NUMBER: 13 SITE NAME: Neptune, Corlies Avenue

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water Intake depth = 10 ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Hamphans & Haven , Belmar.COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 26 MAP NUMBER: 13 SITE NAME: Wall Township

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 27 MAP NUMBER: 13 SITE NAME: NJ Water Supply

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake = 10 ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Brielle Yacht Club (732) 528-6250COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 28 MAP NUMBER: 13 SITE NAME: Township Of Brick

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake depth = 10 ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS: Brielle Yacht Club (732) 528-6250COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 29 MAP NUMBER: 11 SITE NAME: City Of Perth Amboy Old Bridge

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake depth = 10ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 30 MAP NUMBER: 11 SITE NAME: New Brunswick Water Department

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake depth = 10 ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1500 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 31 MAP NUMBER: 11 SITE NAME: New Brunswick Water Department

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake depth = 10ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1200 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 32 MAP NUMBER: 11 SITE NAME: Sayreville Water Department

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR): Water intake depth = 10ft.

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 33 MAP NUMBER: 12 SITE NAME: James J. Howard Marine

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 George Grant	1	1 (732) 872-1558
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 34 MAP NUMBER: NY-3 SITE NAME: Con Edison East 60th St. Station

USGS QUAD: Central Park, NY NOAA CHART # 12335, 12339 River Mile:

NOAA ESI ATLAS NY Harbor ESI MAP # 12 LATITUDE 40° 45' 30" NORTH LONGITUDE 073° 57' 30" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Control Room	1 24 hour contact	1 (212)606-2700
2 Corporate Contact	2 24 hour contact - CIG	2 (212)580-6763
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE 4 - 6 ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: East River / east Manhattan at 59th Street, under Queensboro Bridge; 514 East 60th Street, New York

PHYSICAL DESCRIPTION: Power plant

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☒ A SUMMER ☒ A FALL ☒ A WINTER ☒ A

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power plant water intake; depth = 34'

RESPONSE CONSIDERATIONS

OWNERSHIP: Con Edison

ACCESS:

VEHICLE ☒ XBOAT ☒ X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒ XRECOVERY ☐PROTECTION ☒ X

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1300 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 308 MAP NUMBER: 3 SITE NAME: Bowline Power Station

USGS QUAD: Haverstraw, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-1 LATITUDE 41°12'01" NORTH LONGITUDE 73°57'34" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Plant	2 24 Hour Operator	2 (914)786-8020
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Haverstraw

PHYSICAL DESCRIPTION: fossil (oil) power station

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Emergency shutdown can be done in about 2 minutes. The intake is located inside Bowline Pond about 6 feet below the water surface.

RESPONSE CONSIDERATIONS

OWNERSHIP: Orange & Rockland Utility Co.

ACCESS:

VEHICLE ☒

Rt 9W to Railroad Ave. Access is via the Orange and Rockland Plant.

BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☒LOW ☐MEDIUM ☐

MIN BOOM LENGTH 750 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 412 MAP NUMBER: 4 SITE NAME: Lovett Power Station

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°15'39" NORTH LONGITUDE 73°58'44" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Plant	2 24 Hour Plant Operations	2 (914)786-8180
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Tomkins Cove

PHYSICAL DESCRIPTION: fossil (coal) power station

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: Orange & Rockland Utility Co.

ACCESS:

VEHICLE ☒BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Intake is at the surface. A Gunderboom is in place at the intake.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 1000 ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 413 MAP NUMBER: 4 SITE NAME: Indian Pt. Nuclear Stations (2)

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°16'24" NORTH LONGITUDE 73°56'55" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Buchanan

PHYSICAL DESCRIPTION: nuclear power station

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP: NY Power Authority

ACCESS:

VEHICLE ☒

Rt. 9 to Bleakley Ave to Broadway

BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Intakes are at the surface and cannot be shut down.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 414 MAP NUMBER: 4 SITE NAME: Charles Pt. Resource Recovery Sta.

USGS QUAD: Peekskill, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-3 LATITUDE 41°16'41" NORTH LONGITUDE 73°56'37" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Peekskill

PHYSICAL DESCRIPTION: power station (garbage)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Site is a garbage incinerator run by the county. Water intakes are at the surface and can be shut down.

RESPONSE CONSIDERATIONS

OWNERSHIP: Weschester Co.

ACCESS:

VEHICLE ☒BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 611 MAP NUMBER: 6 SITE NAME: Roseton Power Station

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°33'44" NORTH LONGITUDE 73°58'47" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2 Plant	2	2 (914)486-5579
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Roseton

PHYSICAL DESCRIPTION: power plant (oil)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Power station has surface water intakes that can be shut down for emergencies in about a minute.

RESPONSE CONSIDERATIONS

OWNERSHIP: Central Hudson Gas & Electric

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 612 MAP NUMBER: 6 SITE NAME: New York City Water Intake

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12342 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°33'59" NORTH LONGITUDE 73°57'23" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Chelsea

PHYSICAL DESCRIPTION: drinking water intake

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): This site is not operated on a regular basis. It has intakes on the bottom of the river and is used to supplement the NYC water supply during water shortages or for other water emergencies.

RESPONSE CONSIDERATIONS

OWNERSHIP: NYC DEP

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 613 MAP NUMBER: 6 SITE NAME: Danskammer Power Station

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41°34'20" NORTH LONGITUDE 73°57'54" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Danskammer Pt.

PHYSICAL DESCRIPTION: power plant (coal)

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR): Surface water intakes

RESPONSE CONSIDERATIONS

OWNERSHIP: Central Hudson Gas & Electric

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS: There is a good collection area just north of this plant on the West side of the river. The river bottom at the collection area is Fly As

OTHER (RC): There is a small boat launch located south of the plant.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 614 MAP NUMBER: 6 SITE NAME: Roseton Stream

USGS QUAD: Wappingers Falls, NY NOAA CHART # 12343 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-7 LATITUDE 41. 33'44" NORTH LONGITUDE 73. 58'47" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Roseton, NY on the West side of the river about 1/4 mile south of the Roseton Power Station.

PHYSICAL DESCRIPTION: small stream and marsh area.

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE: various water fowl

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☒

Access to this site is gained through the Roseton Power Station.

BOAT ☒

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH 500 ft

OTHER (PS)

PRIORITY ☒ W ☐

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 801 MAP NUMBER: 8 SITE NAME: Poughkeepsie Water Intake

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-8 LATITUDE 41°42'18" NORTH LONGITUDE 73°56'29" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 Page:(914)4376720
2 Poughkeepsie Water	2	2 (914)451-4173
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Poughkeepsie adjacent to Marist College Boat House

PHYSICAL DESCRIPTION: water intake

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input checked="" type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐

site is on the river bottom and should not be effected by a surface problem. Valve can be shut.

BOAT ☐

STAGING AREAS: Waryas Memorial Park Poughkeepsie is to south of this site.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 803 MAP NUMBER: 8 SITE NAME: Highland Water Intake

USGS QUAD: Poughkeepsie, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-8 LATITUDE 41°42'55" NORTH LONGITUDE 73°56'58" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Highland

PHYSICAL DESCRIPTION: water intake

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input checked="" type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS: Waryas Memorial Park Poughkeepsie

COLLECTION POINTS:

OTHER (RC): Site is on the bottom of the river and should not be effected by a surface problem.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 906 MAP NUMBER: 9 SITE NAME: Port Ewen Water Intake

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°52'52" NORTH LONGITUDE 73°57'24" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Port Ewen West side of river opposite Ellerslie Cove.

PHYSICAL DESCRIPTION: water intake

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input checked="" type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC): Middle of river has shallow water.

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 910 MAP NUMBER: 9 SITE NAME: Rondout Cr. Water Intake

USGS QUAD: Kingston East, NY NOAA CHART # 12347 River Mile:

NOAA ESI ATLAS Hudson River ESI MAP # HR-10 LATITUDE 41°55'40" NORTH LONGITUDE 73°57'49" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Kingston

PHYSICAL DESCRIPTION: water intake??

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input checked="" type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1002 MAP NUMBER: 10 SITE NAME: Ulster Water Intake

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # LATITUDE 41-58' 19" NORTH LONGITUDE 073-57' 13" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION: Ulster

PHYSICAL DESCRIPTION: water intake

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES	<input type="checkbox"/>	COARSE SAND BEACHES	<input type="checkbox"/>	EXPOSED TIDAL FLATS	<input type="checkbox"/>	MARSHES	<input type="checkbox"/>
	WAVE CUT PLATFORMS	<input type="checkbox"/>	SAND AND GRAVEL BEACHES	<input type="checkbox"/>	SHELTERED TIDAL FLATS	<input type="checkbox"/>	MAN-MADE STRUCTURES	<input type="checkbox"/>
	FINE SAND BEACHES	<input type="checkbox"/>	GRAVEL BEACHES/RIPRAP	<input type="checkbox"/>	SHELTERED ROCKY SHORE	<input type="checkbox"/>		

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐

WILDLIFE:

HABITAT:

THREATENED/
ENDANGERED:

OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:

VEHICLE ☐BOAT ☐

STAGING AREAS: Charlie Rider Park. Access by Ulster Landing Road and Route 32. Parking lot and great boat ramp are available.

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☐RECOVERY ☐PROTECTION ☐

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1507 MAP NUMBER: 15 SITE NAME: Niagra Mohawk Power Co.

USGS QUAD: Delmar, NY NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # HR-15 LATITUDE 42 35'52" NORTH LONGITUDE 73 45'78" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 Niagra Mohawk Power	1	1 (518) 436-5077
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1508 MAP NUMBER: 15 SITE NAME: BASF

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # HR-155 LATITUDE 42 39'16" NORTH LONGITUDE 73 44'47" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 BASF	1	1
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☒BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

PRIORITY ☒ W

SENSITIVE AREA SUMMARY

DATE 11/20/98

SITE # 1509 MAP NUMBER: 15 SITE NAME: NY Comed

USGS QUAD: NOAA CHART # River Mile:

NOAA ESI ATLAS ESI MAP # HR-15 LATITUDE 42 38'56" NORTH LONGITUDE 73 44'74" WEST

AGENCY/CONTACT	EXPERTISE	PHONE
1 NY COMAD	1 Dock Master (518) 445-9587	1 (518) 465-9228
2	2	2
3	3	3

SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts

GEOGRAPHIC LOCATION:PHYSICAL DESCRIPTION:

SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES <input type="checkbox"/>	COARSE SAND BEACHES <input type="checkbox"/>	EXPOSED TIDAL FLATS <input type="checkbox"/>	MARSHES <input type="checkbox"/>
	WAVE CUT PLATFORMS <input type="checkbox"/>	SAND AND GRAVEL BEACHES <input type="checkbox"/>	SHELTERED TIDAL FLATS <input type="checkbox"/>	MAN-MADE STRUCTURES <input type="checkbox"/>
	FINE SAND BEACHES <input type="checkbox"/>	GRAVEL BEACHES/RIPRAP <input type="checkbox"/>	SHELTERED ROCKY SHORE <input type="checkbox"/>	

RESOURCES AT RISK

SEASONAL CONSIDERATIONS: SPRING ☐ SUMMER ☐ FALL ☐ WINTER ☐WILDLIFE:HABITAT:THREATENED/
ENDANGERED:OTHER (RR):

RESPONSE CONSIDERATIONS

OWNERSHIP:

ACCESS:VEHICLE ☐BOAT ☒STAGING AREAS:COLLECTION POINTS:OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT ☒RECOVERY ☐PROTECTION ☒

DEGREE OF PROTECTIBILITY:

HIGH ☐LOW ☐MEDIUM ☐

MIN BOOM LENGTH ft

OTHER (PS)

TAB P TO APPENDIX V TO ANNEX E TO THE NEW YORK/NEW JERSEY ACP
SENSITIVE AREAS ADJACENT TO THE COTP NEW YORK AOR

Reference: (a) Annex E, Long Island Sound ACP

1. SITUATION: Although the below listed areas are not within the area of responsibility of Captain of the Port, New York, they are adjacent to that area. In the event of a large spill that crossed geographical boundaries it may become necessary for two or more Captain of the Port offices to work in concert, under the direction of the cognizant district office. Therefore, it is necessary to be familiar with the locations of these areas.

2. COGNIZANT CAPTAIN OF THE PORT OFFICE

a. Captain of the Port, Long Island Sound

AREA	<i>OWNERSHIP STATUS</i>	<i>GEOLOGICAL CLASSIFICATION</i>	<i>REASONS FOR PROTECTIONS</i>
Montauk Point	State Park	Headland	Major migratory bird resting area
Shinnecock Bay, Tiana Beach	Proposed acquisition area, local	Salt Marsh and barrier beach	Bird breeding & Wildlife protection area
Moriches Bay Smith Point County Park	Local wildlife area	Salt marsh & barrier beach	Bird breeding & Wildlife protection Area
Fire Island National Seashore Robert Moses State Park	National protection area, State Park	Barrier beach	Breeding area & Wildlife protection area, Public swimming & fishing area
Wertheim National Wildlife refuge	National protection	Salt marsh	Bird breeding area Wildlife protection area
Heckscher State Park Connetquot River	State Park	Lowlands and Beach	Public swimming area, Public boating & fishing area, Bird breeding area
Gilgo State Park Jones Beach State Park	State Park	Barrier beach	Public swimming, boating & fishing area, Wildlife & Bird breeding area

<i>AREA</i>	<i>OWNERSHIP STATUS</i>	<i>GEOLOGICAL CLASSIFICATION</i>	<i>REASONS FOR PROTECTIONS</i>
Captree Island	State and local protection area, Proposed acquisition area	Salt marsh	Bird breeding area Public hiking, fishing & Wildlife area
South Oyster Bay East Bay Middle Bay	State and local protection area, Proposed	Salt marsh and bay	Bird breeding area Wildlife area
Long Beach	Local area	Barrier Beach	Public swimming, fishing and boating area

a. Captain of the Port, Philadelphia

<i>AREA</i>	<i>OWNERSHIP STATUS</i>	<i>GEOLOGICAL CLASSIFICATION</i>	<i>REASONS FOR PROTECTIONS</i>
Island Beach swimming State Park	State Park	Barrier beach	Public fishing & area, Wildlife area
Barnegat National Wildlife Refuge	National Protection	Salt Marsh	Major bird breeding, wintering and migratory bird resting area, Wildlife protection Area