

Hudson River Map Key

- 1 Yonkers
- 2 Tarrytown
- 3 New City
- 4 Peekskill
- 5 West Point
- 6 Beacon
- 7 Milton
- 8 Poughkeepsie

- 9 Kingston
- 10 Glasco
- 11 Saugerties
- 12 Hudson
- 12 Hudson 13 Coxsackie
- 14 New Baltimore
- 15 Albany
- 16 Troy

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 areasC = Protect after B areas

 $\mathbf{M} = \mathbf{Marina}$

 \mathbf{R} = Oil collection and recovery area

W = Water Intake-boom prior to oil impact

 $\mathbf{P} = \text{Pipeline}$

XXX = Protection or exclusionary techniques ineffective

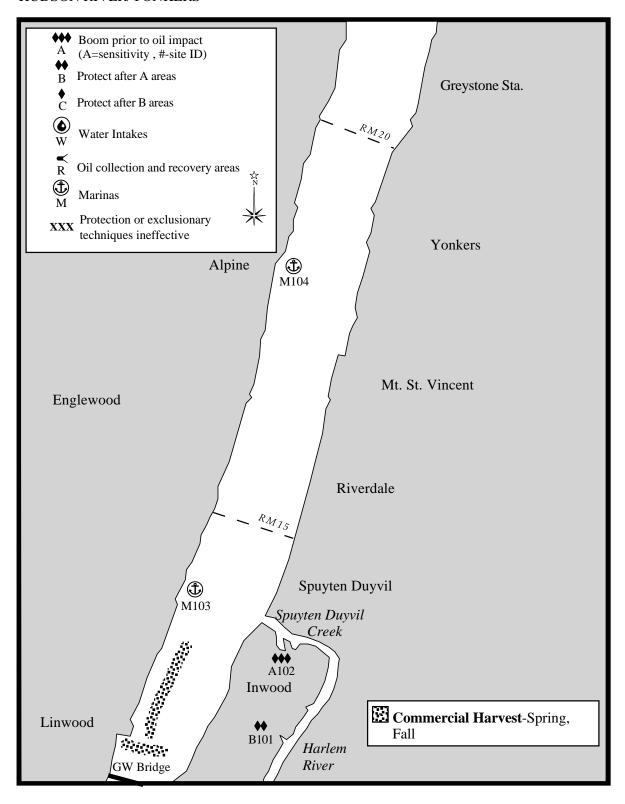
Booming Method: P = Protection

 $\mathbf{D} = \text{Deflection}$

 \mathbf{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



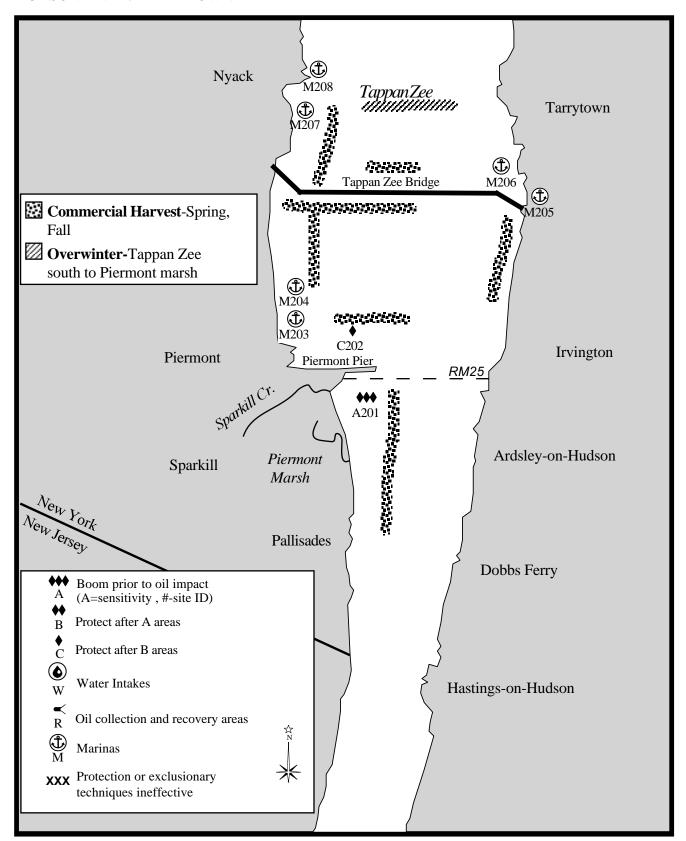
STRATEGY MATRIX **REV: 20 NOV 98 HUDSON RIVVER / YONKERS**

SENSIT MAP 1	IVE AREA	BOOM M MIN BOO LENGTH	OM .	STAGING SITE MAP CODE	IMPA ACC	
CODE	SENSITIVE AREA NAME	IN FT	!	PHONE NUMBER		
A102	INWOOD HILL PARK				Е	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

B101 SHERMAN CREEK M103 ENGLWOOD BOAT BASIN PALASADES PARK COMMISSION 201-894-9510 \$ B/	V
A102 INWOOD HILL PARK B101 SHERMAN CREEK M103 ENGLWOOD BOAT BASIN PALASADES PARK COMMISSION 201-894-9510 \$ B/A	V
M103 ENGLWOOD BOAT BASIN PALASADES PARK COMMISSION 201-894-9510 \$ B/	
M104 ALDINE BOAT BASIN ALDINE BOAT BASIN 201 768 0708 \$ B	/V
WI104 ALFINE BOAT BASIN 5 B	/V
NOTES	

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

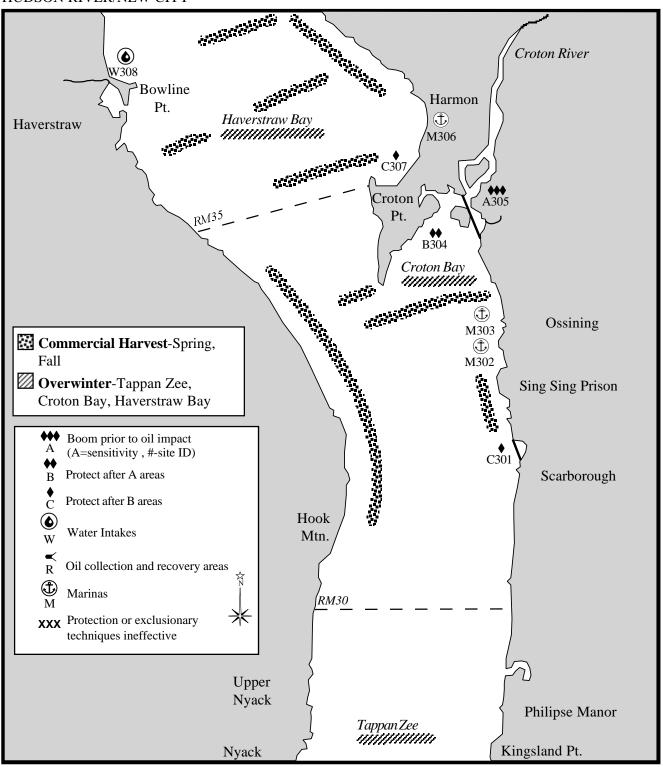
IMPACT E = ENVIRONMENTAL\$ = ECONOMIC



STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / TARRYTOWN

SENSIT MAP 2	IVE AREA	BOOM M MIN BOO LENGTH	OM .	STAGING SITE MAP CODE	IMPA ACC	
CODE	SENSITIVE AREA NAME	IN FT		PHONE NUMBER		
A201	PIERMONT MARSH	D	9000		Е	B/V
C202	NORTH PIERMONT PIER	P	6000		Е	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

BOOMING METHOD D = DEFLECT P = PROTECT R = RECOVER IMPACT
E = ENVIRONMENTAL
\$ = ECONOMIC



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

SENSITIVE AREA MAP 3		BOOM METHOD/ MIN BOOM LENGTH		STAGING SITE MAP CODE		ACT/ ESS
CODE	SENSITIVE AREA NAME	IN FT	!	PHONE NUMBER		
A305	CROTON RIVER (R/R OUTLET)	P	2000		Е	B/V
B304	CROTON BAY	D	4000	WESTCHESTER COUNTY PARK SERVICE	Е	B/V
C301	SCARBOROUGH R/R COVE	P	500			В
C307	CROTON PT. NORTH SHORE HARBOR	D	5000	CROTON POINT PARK	Е	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

CODE	SENSITIVE AREA NAME	LENGTH IN FT		PHONE NUMBER	7100	LDD
A305	CROTON RIVER (R/R OUTLET)	P	2000		Е	B/V
B304	CROTON BAY	D	4000	WESTCHESTER COUNTY PARK SERVICE	Е	B/V
C301	SCARBOROUGH R/R COVE	P	500			В
C307	CROTON PT. NORTH SHORE HARBOR	D	5000	CROTON POINT PARK	Е	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	P	750	BOWLINE POINT POWER STATION (308)	\$	B/V
	STATION			914-786-8020		
NOTES:						

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

 $E = ENVIRONMENTAL \\ \$ = ECONOMIC \\ ACCESS \\ B = BOAT \\ V = VEHIC$ **IMPACT**

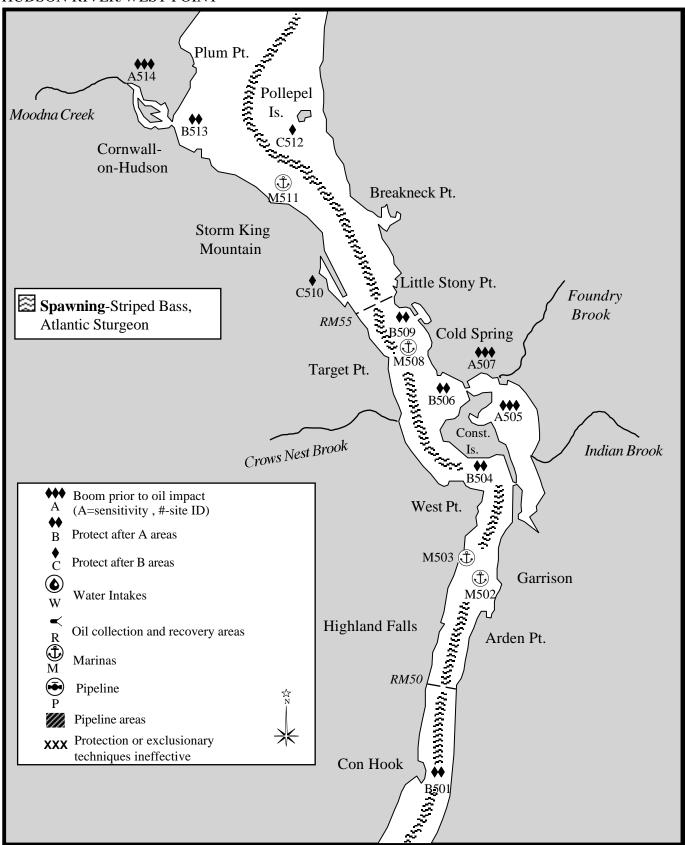
ACCESS V = VEHICLE HUDSON RIVER/PEEKSKILL Mystery Pt. Manitoll Marsh Popolopen Cr. Bear Mountain Iona I Ve Ve Annsville Boom prior to oil impact Creek (A=sensitivity, #-site ID) Protect after A areas В Protect after B areas C416 Peekskill (1) Water Intakes M41: Oil collection and recovery areas Marinas Indian Pipeline W412 Commercial Harvest-Spring, Pipeline areas Fall **XXX** Protection or exclusionary techniques ineffective Overwinter **Tomkins Spawning**-Striped Bass Cove Greens Cove Stony Pt. Montrose Pt. M409(L) *33535 etetetetetete M408 (L) C405 J. M407 Furnace Brook Cedar Pond M406 **Brook** ****************** ∰ M401 Haverstraw Bay Minisceongo Cr.

STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / PEEKSKILL

SENSITIVE AREA MAP 4		BOOM METHOD/ MIN BOOM LENGTH		MAP CODE		ACT/ ESS
CODE	SENSITIVE AREA NAME	IN FT	•	PHONE NUMBER		
A402	MINISCEOGNO CREEK	P	500		E/V	B/V
A419	IONA MARSH R/R OUTLET	D	4000		Е	В
A420	IONA MARSH HUDSON RIVER	D	4000		Е	В
B404	GEORGES ISLAND PARK	R				V
B417	ANNSVILLE CREEK	P	500		Е	B/V
B418	IONA MARSH WETLAND	P	750		E	В
B421	POPOLOPEN CREEK R/R OUTLET	P	750		E	В
B422	MANITOU MARSH R/R OUTLET	P	600		Е	B/V
C403	FURNACE BROOK BAY	P	300		Е	B/V
C405	STONEY PT BAY				Е	В
C410	GREEN'S COVE	R			Е	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	STONEY POINT 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 POIINT NEUCLEAR STATION				E/\$	V
W414	CHARLES POINT REC. ST.				E/\$	V

NOTES

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E = ENVIRONMENTAL
\$ = ECONOMIC

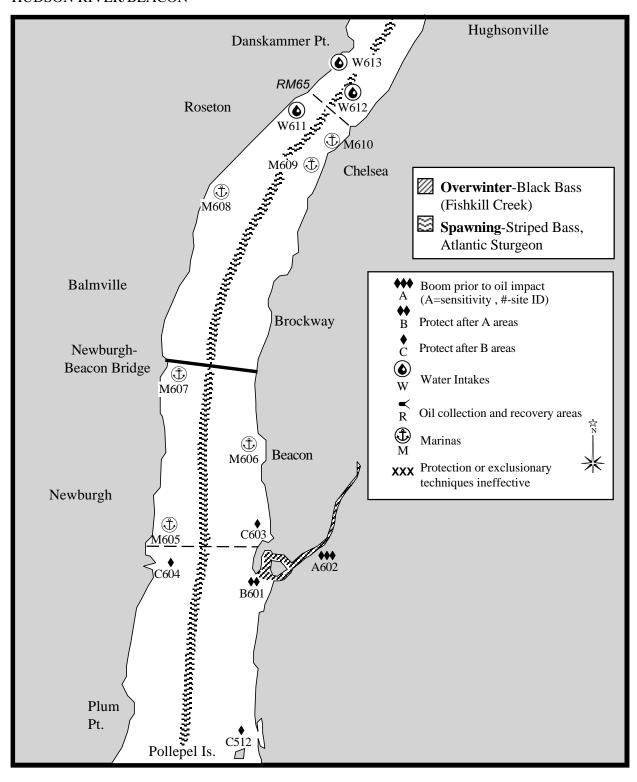


STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / WESTPOINT

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

NOTES

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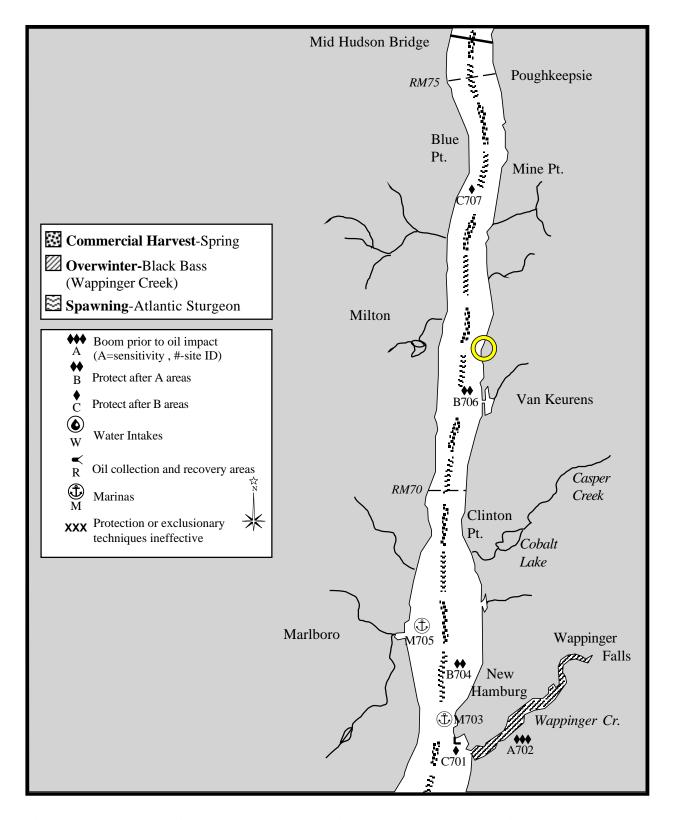
STRATEGY MATRIX **REV: 20 NOV 98 HUDSON RIVER / BEACON**

SENSITIVE AREA MAP 6		BOOM METHOD/ MIN BOOM		STAGING SITE MAP CODE	IMPA ACC	
CODE	SENSITIVE AREA NAME	LENGTH IN FT	l	PHONE NUMBER		
A602	FISKILL CREEK	P	1000		Е	В
B601	DENNING PT. BAY	D	5000		Е	B/V
C512	POLLEPEL (BANNERMANS) ISLAND				Е	В
C603	DENNING PT.				Е	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	Е	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

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \text{\$} = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \\ \end{array}$

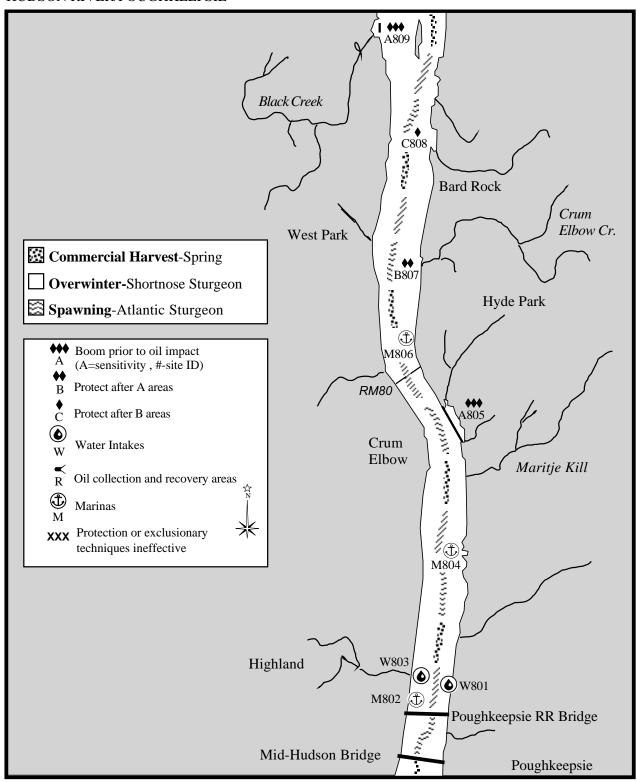


STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / MILTON

SENSIT MAP 7 CODE	IVE AREA SENSITIVE AREA NAME	BOOM M MIN BOO LENGTH IN FT	OM .	STAGING SITE MAP CODE PHONE NUMBER	IMPA ACCI	
A702	WAPPINGER CREEK	P	800		Е	B/V
B704	NEW HAMBURG COVE	D	500		E/\$	В
B706	VAN KEURENS	P	500		Е	
C701	COVE NORTH OF					В
	WAPPINGER CREEK					
C707	BLUE POINT COVE					В
M703	NEW HAMBURG YACHT CLUB				\$	B/V
M705	WEST SHORE MARINA				\$	B/V
W706	IBM POUGHKEEPSIE				E/\$	B/V

MOTEC

BOOMING METHOD D = DEFLECT P = PROTECT R = RECOVER IMPACT
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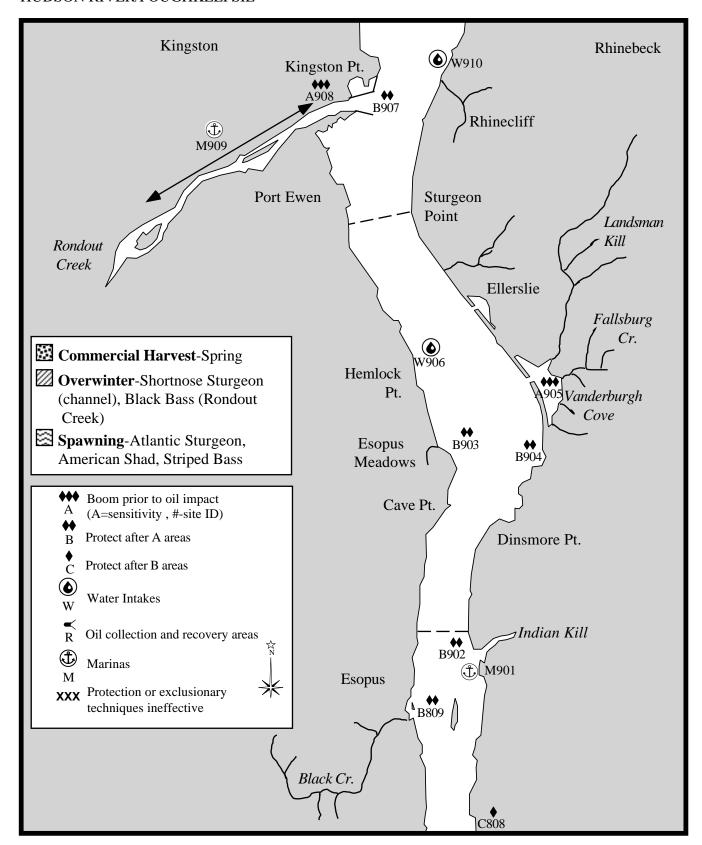
STRATEGY MATRIX **REV: 20 NOV 98** HUDSON RIVER / POUGHKEEPSIE

SENSIT MAP 8 CODE	IVE AREA SENSITIVE AREA NAME	BOOM M MIN BOO LENGTH IN FT	ОМ	STAGING SITE MAP CODE PHONE NUMBER	IMPA ACC	ACT/ ESS
A805	ROOSEVELT COVE				Е	B/V
A809	BLACK CREEK MOUTH	P	500		Е	В
B807	CRUM ELBOW CREEK MOUTH	P	100		Е	В
C808	BARD ROCK BAY				Е	В
M802	MARINERS HARBOR MARINA	P	1000	WARYAS MEMORIAL PARK	\$	B/V
M804	HYDE PARK MARINA	P	200		Е	
M806	ROGERS POINT MARINA	P	5000		\$	B/V
W801	POUGHKEEPSIE WATER				\$	B/V
	INTAKE					
W803	HIGHLAND WATER INTAKE				\$	B/V

NOTES

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \text{\$} = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \\ \end{array}$



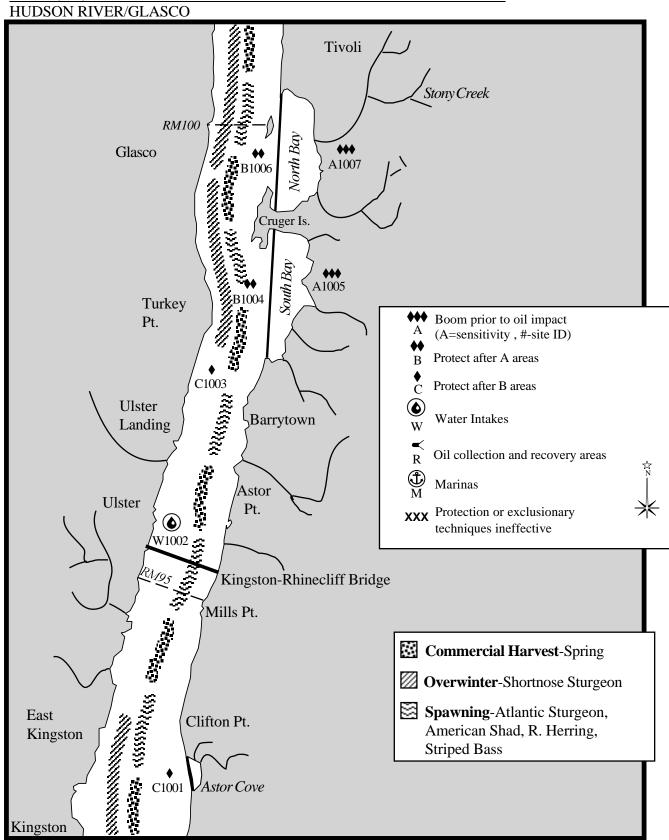
STRATEGY MATRIX **REV: 20 NOV 98 HUDSON RIVER / KINGSTON**

SENSITIVE AREA MAP 9		BOOM METHOD/ MIN BOOM		STAGING SITE MAP CODE		ACT/ ESS
CODE	SENSITIVE AREA NAME	LENGTH IN FT	l	PHONE NUMBER		
A809	BLACK CREEK MOUTH	P	2000		Е	В
A905	VANDERBURGH COVE	P	300		Е	В
	R/R OUTLET					
A908	ROUNDOUT CREEK		4000		Е	
B902	INDIAN KILL MOUTH					
B903	ESOPUS MEADOWS					
B904	HUDSON RIVER SIDE OF VANDERBURGH COVE	P	300		Е	B/V
B907	ROUNDOUT CREEK MOUTH	D	5000			В
C808	BARD ROCK BAY				Е	В
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					
MOTEC						

NOTES

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

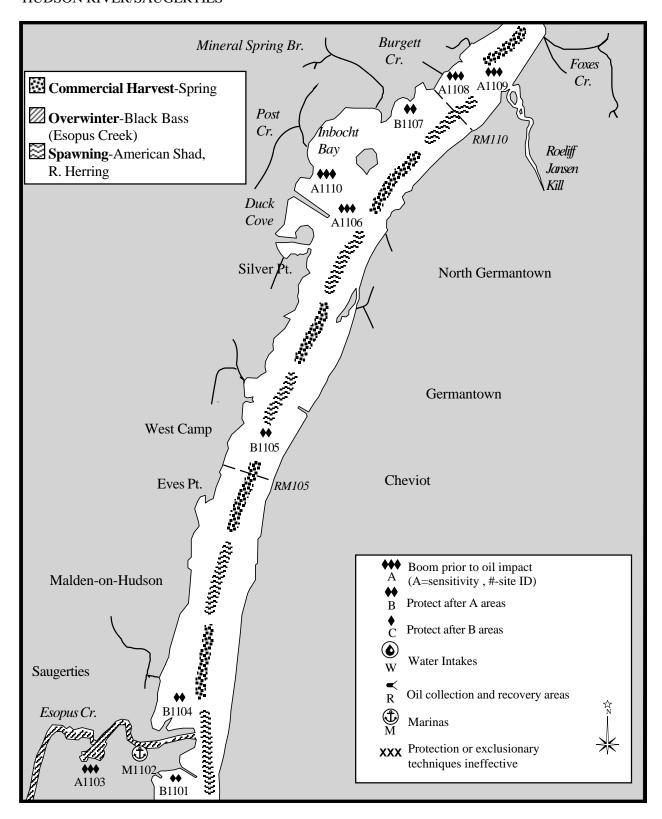
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STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / GLASCO

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

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STRATEGY MATRIX **REV: 20 NOV 98 HUDSON RIVER / SAUGERTIES**

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

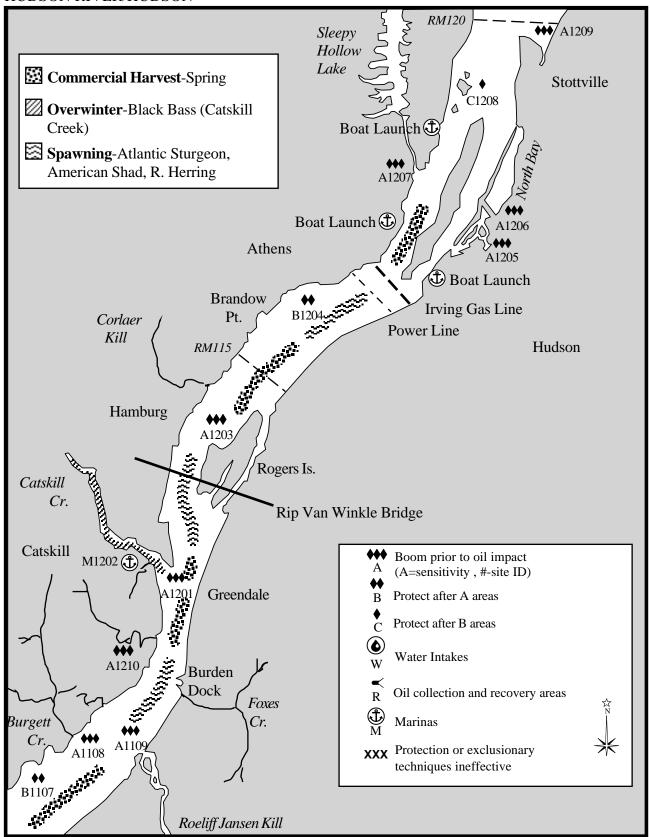
NOTES

BOOMING METHOD D = DEFLECTP = PROTECT

R = RECOVER

IMPACT E = ENVIRONMENTAL

\$ - ECONOMIC \$ = ECONOMIC

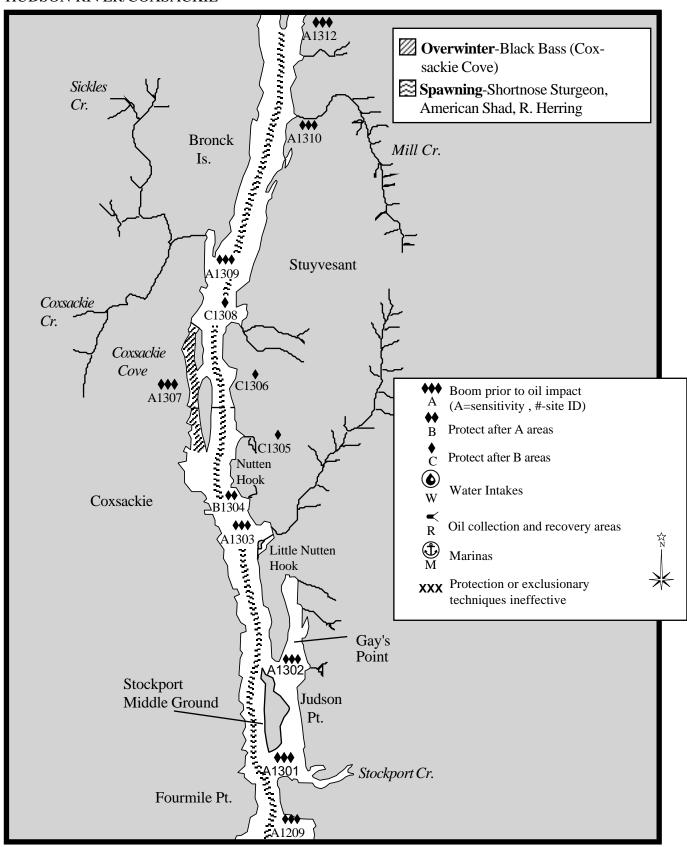


STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / HUDSON

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

NOTES

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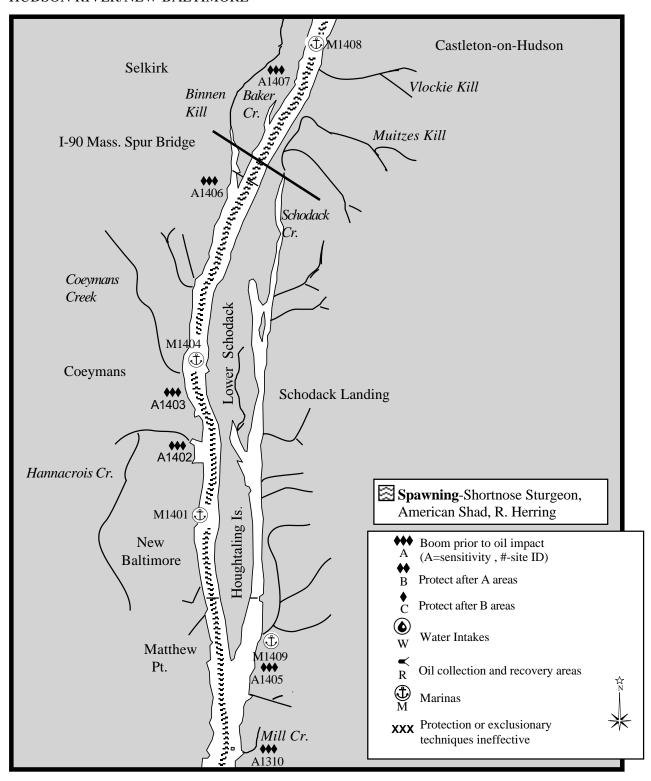
STRATEGY MATRIX **REV: 20 NOV 98** HUDSON RIVER / COXSACKIE

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

NOTES

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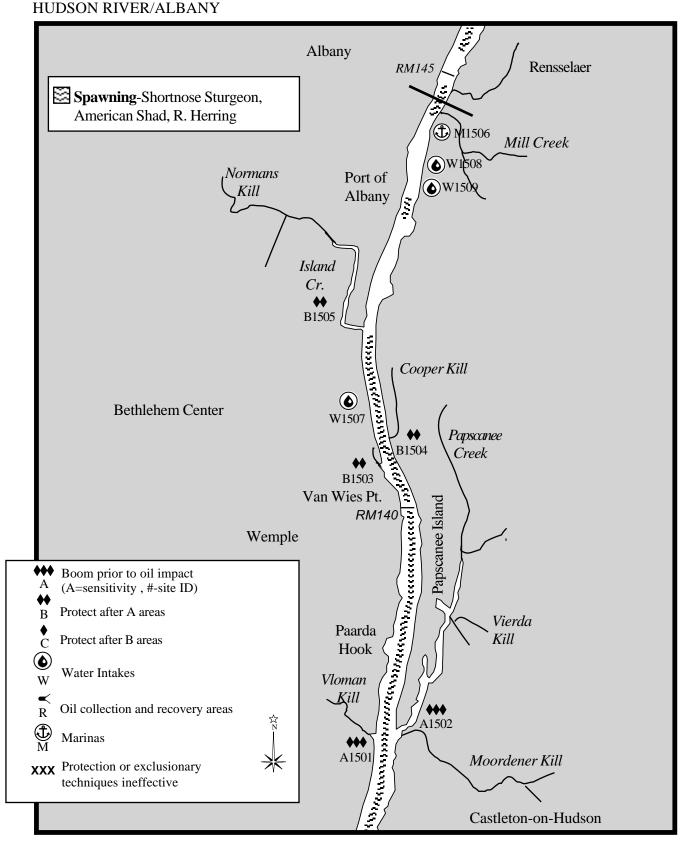


STRATEGY MATRIX REV: 20 NOV 98 HUDSON RIVER / NEW BALTIMORE

SENSITIVE AREA MAP 14		BOOM METHOD/ MIN BOOM		STAGING SITE MAP CODE	IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME	LENGTH IN FT		PHONE NUMBER		
A1310	MILL CREEK MOUTH	P	150		Е	В
A1312	SHODACK CREEK	D	6000		Е	В
A1402	HANNACROIS CREEK BAY	P	600		Е	В
A1403	COEYMAN'S CREEK MOUTH	P	200		Е	B/V
A1405	SHODACK & HOUGHTTALING ISLAND				Е	B/V
A1406	BINNEN KILL MOUTH	D	2400		Е	B/V
A1407	BAKER CREEK MOUTH	P	500		E/\$	В
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



STRATEGY MATRIX **REV: 20 NOV 98** HUDSON RIVER / ALBANY

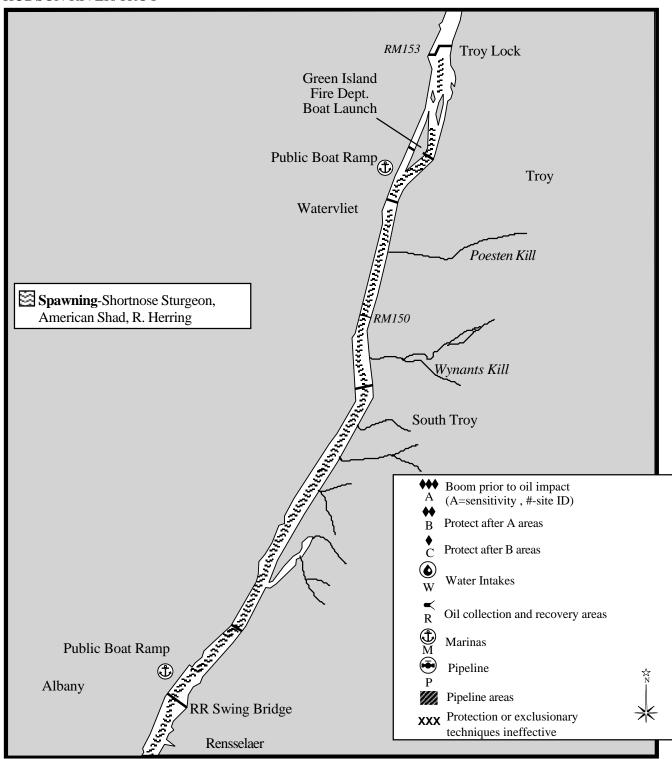
SENSITIVE AREA MAP 15 CODE SENSITIVE AREA NAME		BOOM METHOD/ MIN BOOM LENGTH		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
CODE	2-1/2-1-1-1-1-1	IN FT		THONE NUMBER		
A1501	VLOMAN KILL MOUTH	P	500		E	B/V
A1502	PAPSCANEE CREEK MOUTH	P	900		Е	B/V
B1503	VAN WIES POINT	D			E	В
B1504	UNAMED MARSH NORTH	P	500		Е	В
	OF VAN WIES POINT					
B1505	ISLAND CREEK	P	400		E	B/V
M1506	ALBANY YACHT CLUB				\$	B/V
W1507	NIAGRA MOHAWK ALBANY	D/P			\$	B/V
	STEAM STATION					
W1508	BASF				\$	В
W1509	NY-COMED	P/D			\$	В

NOTES

BOOMING METHOD D = DEFLECTP = PROTECT

R = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \text{\$} = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \\ \end{array}$



STRATEGY MATRIX **REV: 20 NOV 98 HUDSON RIVER / TROY**

	MAP 16		ETHOD/ OM	STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS				
NOTES	NOTES								

NOTES			
NOIES			

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

IMPACT E = ENVIRONMENTAL B = BOAT\$ = ECONOMIC

ACCESS V = VEHICLE TAB C

LONG ISLAND SOUND/COTP BOUNDARY

1. DESCRIPTION

- a. <u>Island Park</u>: 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. <u>Manhasset Bay</u>: 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

 $\mathbf{M} = \mathbf{Marinas}$

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

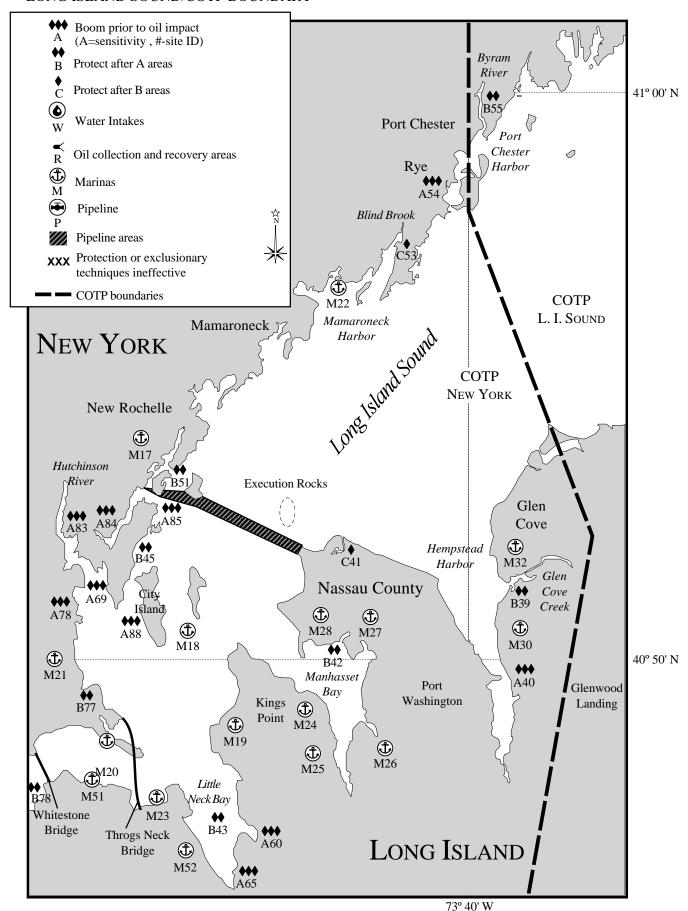
D = Deflection

R = Recovery and Collection

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

2. Western Long Island Sound map and strategy matrix

LONG ISLAND SOUND/COTP BOUNDARY



E-V-C MAP 1

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

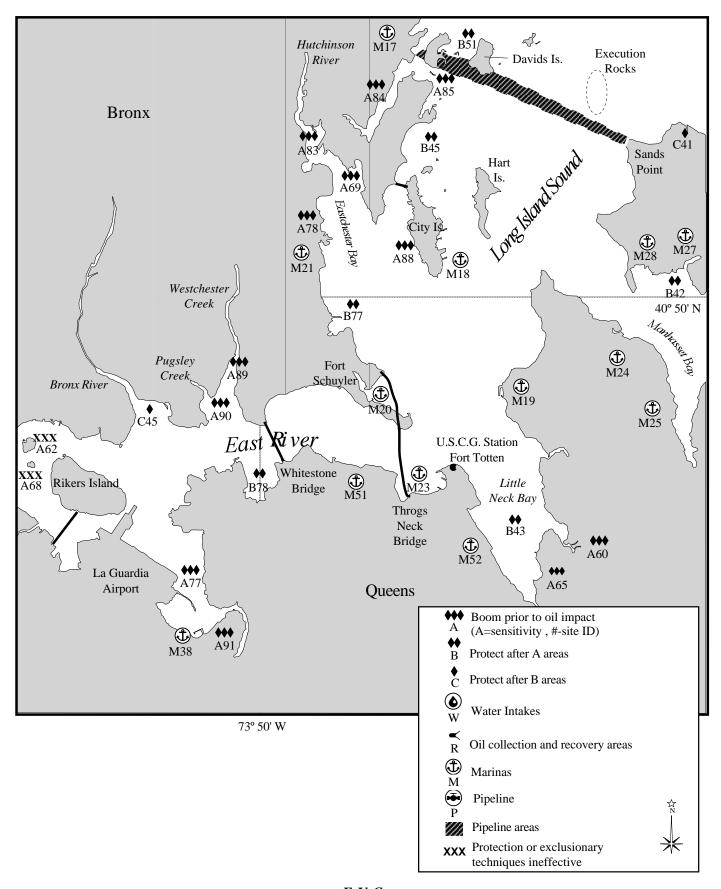
SENSITIVE AREA		BOOM METHOD/		STAGING SITE	IMPACT/	
MAP 1 CODE	SENSITIVE AREA NAME	MIN B	OOM	MAP CODE PHONE NUMBER	ACC	ESS
1.10	AND COMPANY OF THE PROPERTY OF	INFT	000	PPENYEDG 14 1 PN1 4 4400) #14 471 #140		
A40	HEMPSTEAD HARBOR	P	800	BREWERS MARINA (M30) 516-671-5563	E	В
A54	RYE BEACH	P	800		Е	В
A60	UDALL'S COVE	P	750	USCG STA FT. TOTTEN (M23) 718-352-4422	Е	В
A65	ALLEY CREEK	P	200	USCG STA FT. TOTTEN (M23) 718-352-4422	Е	В
A69	TURTLE CREEK	P		EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111	Е	В
A78	PLAMER INLET	P	2400	EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111	Е	В
A83	HUTCHINSON RIVER	P	1200		E	В
A84	PELHAM LAGOON	P	1600		Е	В
A85	HUNTER & TWIN ISLAND	P	800	WRIGHT ISLAND MARINA (M17) 914-235-8013	Е	В
A88	CITY ISLAND	P			Е	В
B39	GLEN COVE CREEK	P	300	GLEN COVE MARINA 800-564-2683	Е	В
B42	MANHASSET BAY	P	3600		Е	В
B43	LITTLE NECK BAY	P	800	U.S. MARITIME ACADEMY (M19) 516-773-5232 (516-773-5770 NIGHT)	Е	В
B45	ORCHARD BEACH	P	3300	, , , , , , , , , , , , , , , , , , ,	Е	B/V
B51	DAVENPORT NECK	P	400	WRIGHT ISLAND MARINA (M17) 914-235-8013	Е	В
B55	BYRAM RIVER	P	300		Е	В
B77	WIER CREEK	P		USCG STA FT. TOTTEN (M23) 718-352-4422	Е	
B78	POWELL'S COVE	P		()	E	B/V
C41	EAST CREEK	P	200		E	В
C53	BLIND BROOK	P	500		E	B/V
M17	WRIGHT ISLAND MARINA	P	600	WRIGHT ISLAND MARINA (M17) 914-235-8013	\$	В
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	P	900	PORT WASHINGTON YACHT CLUB (M26)	\$	B/V
	YACHT CLUB			516-767-9749 (516-767-1614 NIGHT)	'	
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

 $\begin{aligned} & ACCESS \\ & B = BOAT \\ & V = VEHICLE \end{aligned}$



E-V-C MAP 2

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

SENSIT MAP 2	TIVE AREA	BOOM METHOD/		STAGING SITE MAP CODE	IMPA ACC	
CODE	SENSITIVE AREA NAME	MIN B LENG IN FT		PHONE NUMBER	ACC	ESS
A60	UDALL'S COVE	P	750	USCG STA FT. TOTTEN (M23) 718-352-4422	Е	В
A62	*NORTH BROTHER ISLAND*	P			Е	В
A65	ALLEY CREEK	P	200	USCG STA FT. TOTTEN (M23) 718-352-4422	Е	В
A68	*SOUTH BROTHER ISLAND*	P			Е	
A69	TURTLE CREEK	P		EVER SEAPLANE BASE AND MARINA (M21) 718-863-9111	Е	В
A77	FLUSHING BAY	P	1200		Е	
A78	PLAMER INET	P	2400		Е	В
A83	HUTCHINSON RIVER	P	1200		Е	В
A84	PELHAM LAGOON	P	1600		Е	
A85	HUNTER AND TWIN ISLANDS	P	800	WRIGHT ISLAND MARINA (M17) 914-235-8013	Е	
A88	CITY ISLAND	P			Е	B/V
A89	WESTCHESTER CREEK	P	1500		Е	B/V
A90	PUGSLEY CREEK	P	600		Е	В
A91	FLUSHING CREEK	P	400		Е	B/V
B42	MANHASSET BAY	P	3600	MANHASSET MARINA WEST (M27) 516-883-8411	Е	В
B43	LITTLE NECK BAY	P	800	U.S. MARITIME ACADEMY (M19) 516-773-5232 (516-773-5770 NIGHT)	Е	В
B45	ORCHARD BEACH	P	3300		Е	B/V
B51	DAVENPORT NECK	P	400	WRIGHT ISLAND MARINA (M17) 914-235-8013	Е	В
B77	WEIR CREEK	P			Е	В
B78	POWELL'S COVE	P		USCG STA FT. TOTTEN (M23) 718-352-4422	Е	В
C41	EAST CREEK	P	200		Е	В
C45	BRONX RIVER	P	700		Е	В
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	\$	В
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)	\$	В
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		BEECHHURST YACHT CLUB (M51)	\$	B/V
M52	BAYSIDE MARINA	P		BAYSIDE MARINA (M52) 718-229-4575	\$	B/V

NOTES: *FOR SENSITIVE AREAS A62 AND A68 DEFLECT OR RECOVER OIL BEFORE IMPACT*

BOOMING METHOD D = DEFLECTP = PROTECT

R = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \text{\$} = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \\ \end{array}$

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. <u>The Pelham Bay Park Wetlands</u>: 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. <u>Eastchester Bay/Hutchinson River</u>: This area contains shellfish, wintering waterfowl, significant fish production, spawning/nursery and the Pell Wildlife Refuge.
 - d. <u>Little Neck Bay</u>: 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

 $\mathbf{M} = Marinas$

 \mathbf{R} = Oil collection and recovery area

W = Water Intake-boom prior to oil impact

P = Pipeline

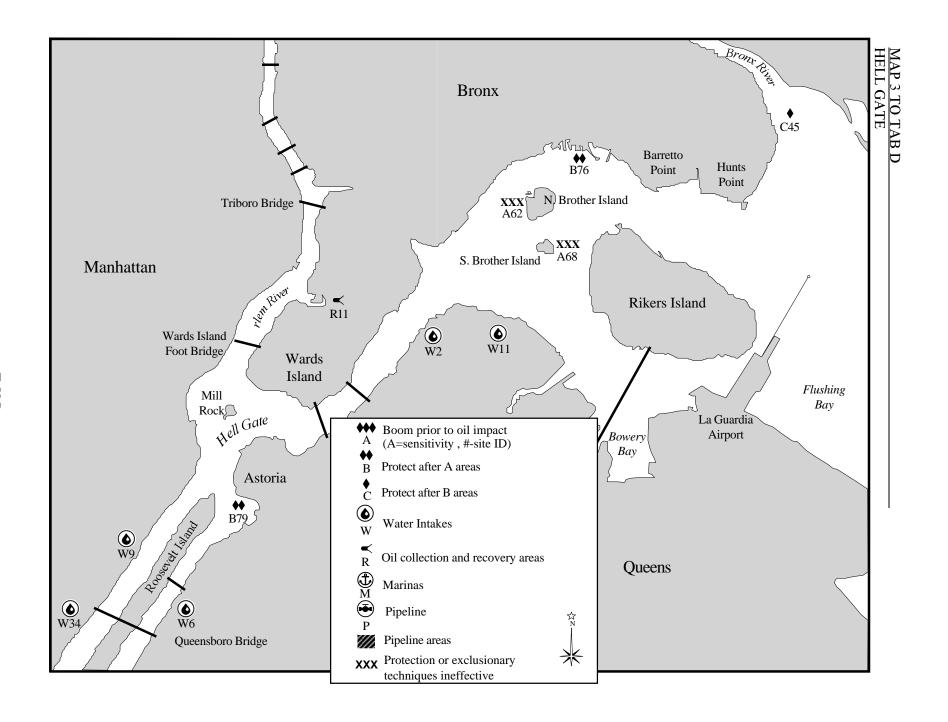
XXX = Protection or exclusionary techniques ineffective

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

SENSITIVE AREA MAP 3 CODE SENSITIVE AREA NAME		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER		ACT/ ESS
A62	*NORTH BROTHER ISLAND*	P			Е	В
A68	*SOUTH BROTHER ISLAND*	P			Е	В
B76	OAK POINT RAIL SITE	P/D	500		\$	B/V
B79	HALLETS COVE	P			Е	В
C45	BRONX RIVER	P	700		Е	В
R11	WARDS ISLAND PSYCH HOSPITAL	R	1000		Е	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/\$	В
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: *FOR SENSITIVE AREAS A62 AND A68 DEFLECT OR RECOVER OIL BEFORE IMPACT* WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \text{\$} = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \\ \end{array}$ **IMPACT**

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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

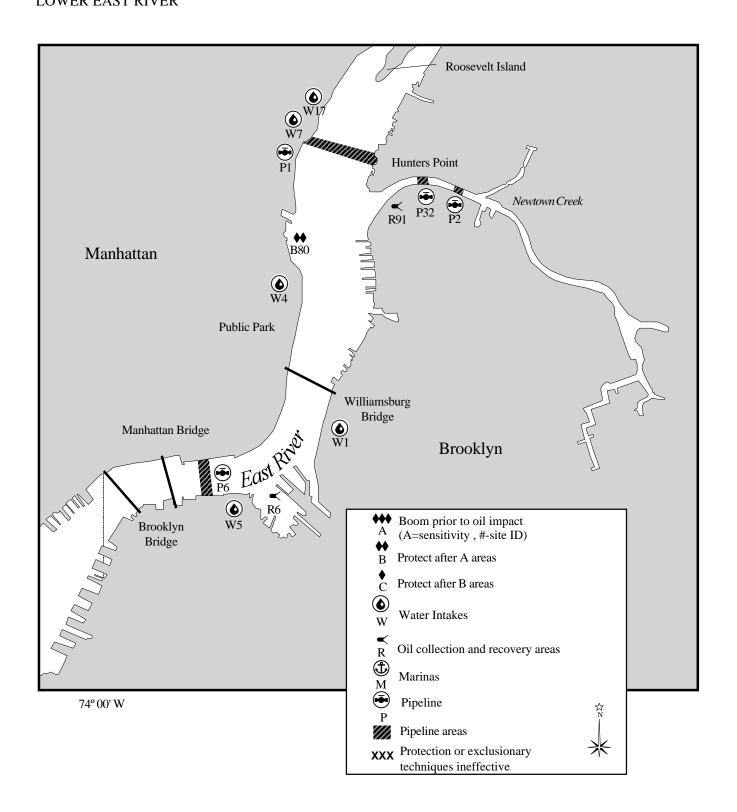
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

D = Deflection

R = Recovery and Collection

Map: 4. Lower East River map and strategy matrix



STRATEGY MATRIX **REV: 20 NOV 98** LOWER EAST RIVER

SENSIT MAP 4	TIVE AREA	BOOM METH MIN B	OD/	STAGING SITE MAP CODE	IMPA ACC	ACT/ ESS
CODE	SENSITIVE AREA NAME	LENG: IN FT		PHONE NUMBER		
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	\$	В
P2	*BROOKLYN UNION GAS*	*	*	24" GAS LINE 718-403-2921	\$	В
R6	WALLABOUT BAY (BROOKLYN NAVY YARD)	R	1500	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	Е	B/V
R91	NEWTOWN CREEK	P/R	1500	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	Е	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/\$	В
W5	CON-EDISON HUDSON AVE 20'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	E/\$	В
W7	CON-EDISON WATERSIDE 20'	P/D	1300	SKYPORT INC MARINA (M37) 212-686-4548	E/\$	В
W17	UNITED NATIONS 9'	P/D	1700		E/\$	B/V

NOTES: WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME

R = RECOVER

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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

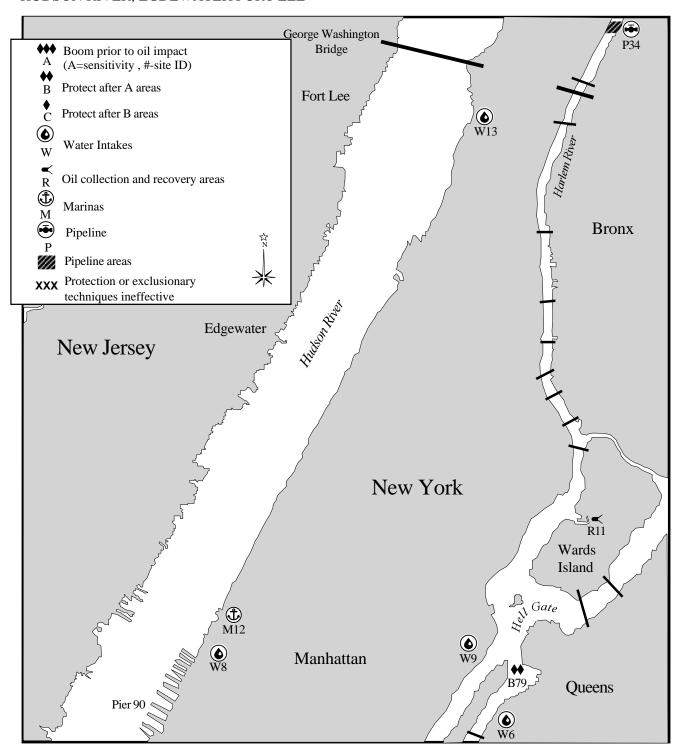
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

 \mathbf{D} = Deflection

R = Recovery and Collection

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



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

SENSITIVE AREA MAP 5 CODE SENSITIVE AREA NAME		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER	IMPACT/ ACCESS	
B79	HALLETS COVE	P			Е	В
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

W8	CON-EDISON 59 TH ST 25'	P/D	1300	BROOKLYN NAVY YARD DEVELOPMENT CORP	\$	B/V
				718-852-1441	,	
				N.Y.C. MARINE FIRE DEPT. 718-494-4269		
W9	CON EDISON 74 TH ST 25'	P/D	1300		\$	B/V
W13	COLUMBIA MEDICAL CENTER	P/D	1300	PORT IMPERIAL MARINA (M11)	\$	B/V
				201-902-8787 (201-902-8811 NIGHT)		
NOTES:	WATER INTAKE SIZES ARE I	ISTEL	AFTE	R SENSITIVE AREA NAME		

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

IMPACT E = ENVIRONMENTAL

\$ - ECONOMIC

V - VEHIC \$ = ECONOMIC

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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

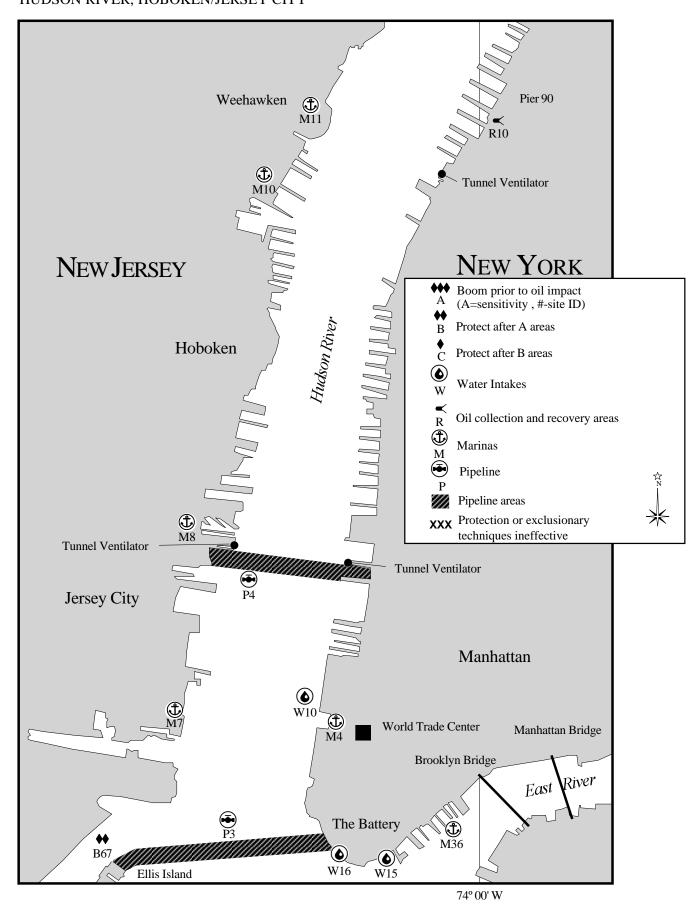
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

 \mathbf{D} = Deflection

R = Recovery and Collection

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



E-V-G MAP 6

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

SENSIT MAP 6	TIVE AREA	BOOM METHOD/ MIN BOOM		STAGING SITE MAP CODE	IMP. ACC	ACT/ ESS
CODE	SENSITIVE AREA NAME	LENG: IN FT		PHONE NUMBER		
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	\$	В
P4	*CON-EDISON*	*	*	ELECTRIC POWER LINES 212-580-6763	\$	В
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)	\$	В
W15	ONE NEW YORK PLAZA 9'	P/D	1300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	В
W16	OLYMPIA & YORK (BATTERY PARK) 20'	P/D	1300	USCG LICENSING AND EXAMS BRANCH 212-668-4970	\$	В

NOTES: WATER INTAKE SIZES ARE LISTED AFTER SENSITIVE AREA NAME

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

E = ENVIRONMENTAL

\$ = ECONOMIC

ACCESS

B = BOAT

V - VELIC **IMPACT**

V = VEHICLE

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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

XXX = Protection or exclusionary techniques ineffective

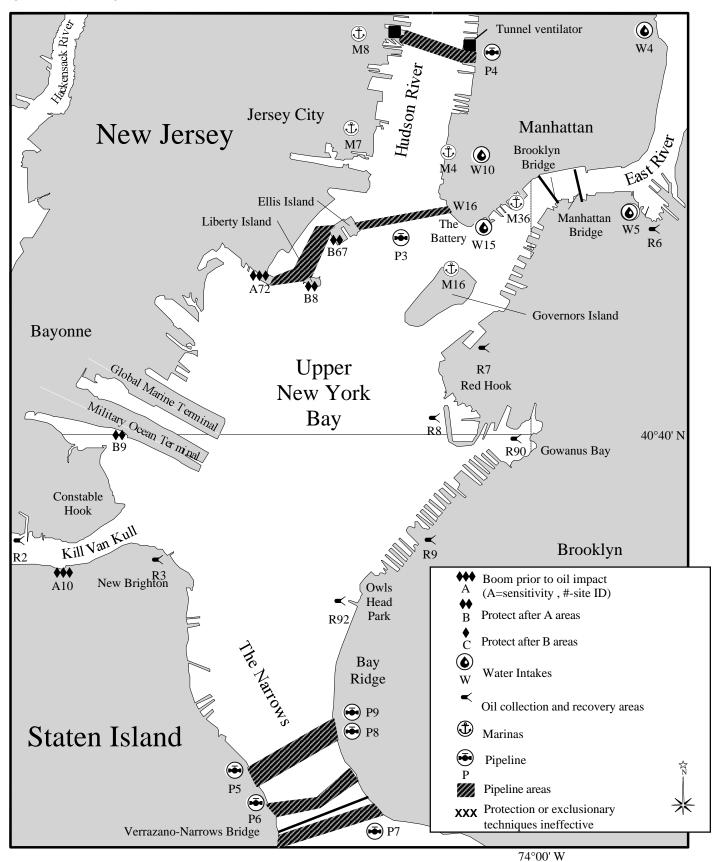
Booming Method:

P = ProtectionD = Deflection

D = Beneemon

R = Recovery and Collection

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



E-V-H MAP 7

STRATEGY MATRIX **REV: 20 NOV 98** UPPER NEW YORK BAY

	TIVE AREA	BOOM METHOL	D /	STAGING SITE	IMP	
MAP 7 CODE	SENSITIVE AREA NAME	MIN BOO	ОМ	MAP CODE PHONE NUMBER	ACC	ESS
CODE	SENSITIVE AREA NAME	LENGTH IN FT	!	THONE NUMBER		
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)	E/\$	В
20		1,2		201-451-1000 (908-221-1938 NIGHT)	Δ, ψ	
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/\$	В
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	P/R	700	GOVENORS ISLAND INDUSTRIAL YARD	\$	B./V
	INDUSTRIAL YARD			(M16) 212-668-7936		
M36	SOUTH ST SEAPORT	P/D	3000	BROOKLYN NAVY YARD DEVELOPMENT CORP 718-852-1441	\$	B/V
P3	*NYNEX TELEPHONE LINES*	*	*	TELEPHONE LINES	\$	В
P4	*CON-EDISON*	*	*	ELECTRIC POWER LINES 212-580-6763	\$	В
P5	*CON EDISON*	*	*	OIL STATIC LINE 212-580-6763	\$	В
P6	*CON EDISON*	*	*	THREE 24" GAS/ELECTRIC LINES 212-580-6763	\$	В
P7	*BUCKEYE PIPELINE CO*.	*	*	10" GAS LINE 718-656-5746	\$	В
P8	*BROOKLYN UNION GAS*	*	*	TWO 24" GAS LINES 718-403-2921	\$	В
P9	*TRANSCONTINENTAL GAS*	*	*	24" NATURAL GAS LINE 908-862-8600	\$	В
R2	AMERADA HESS	R	900		\$	B/V
R3	ST GEORGE FUEL PIER	R	1000		\$	В
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	В
R8	ERIE BASIN	R	300	RED HOOK MARINE TERMINAL 718-875-0777	E	В
R9	CON-EDISON NARROWS	R			\$	В
R90	GOWANUS CANAL	P/R	1800	RED HOOK MARINE TERMINAL 718-875-0777	E	В
R92	OWLS HEAD PARK (CONCERT BLOCKS)	P/R	1000	PIER 69 BROOKLYN	Е	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	\$	В
W10	WORLD TRADE CENTER 10'	P/D	1300	LIBERTY HARBOR MARINA (M45) 201-451-1000 (908-221-1938 NIGHT)	\$	В
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	\$	В

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

BOOMING METHOD D = DEFLECTP = PROTECT

R = RECOVER

IMPACT E = ENVIRONMENTAL B = BOAT \$ = ECONOMIC V - VEHIC

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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area

W = Water Intake-boom prior to oil impact

P = Pipeline

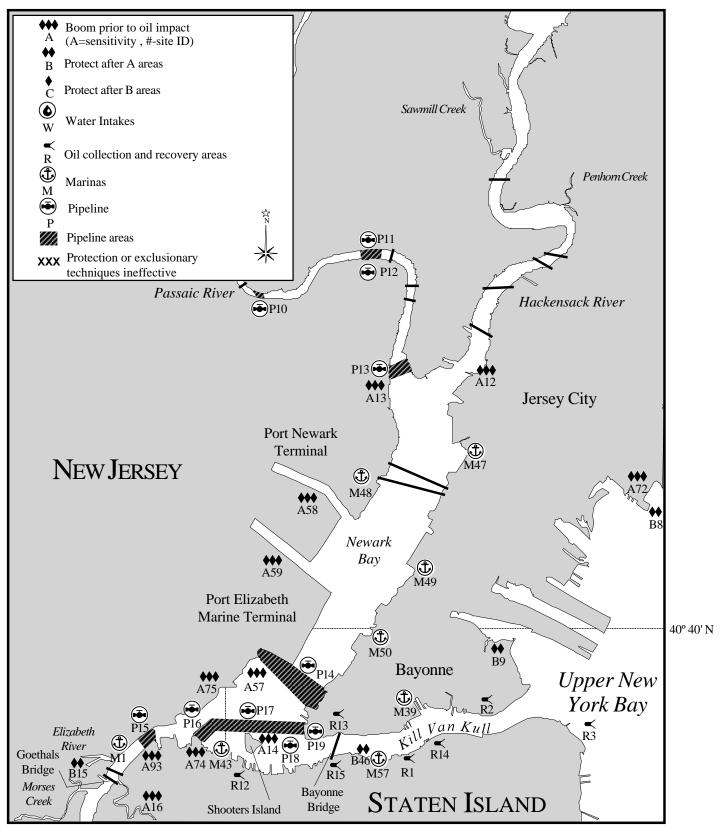
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

 \mathbf{D} = Deflection

R = Recovery and Collection

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



74° 10' W

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

SENSITIVE AREA		BOOM METHOD/		STAGING SITE		ACT/
MAP 8 CODE	SENSITIVE AREA NAME	MIN BOO LENGTH IN FT	ОМ	MAP CODE PHONE NUMBER	ACC	ESS
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	Е	В
A16	OLD PLACE CREEK	P	1500	ELIZABETH MARINA (M1) 908-828-4296	Е	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		Е	В
A75	SLATER PARK	P/D	300		Е	B/V
A93	BRIDGE CREEK	P		ELIZABETH MARINA (M1) 908-828-4296	Е	В
B8	LIBERTY ISLAND	P/D	4500	LIBERTY HARBOR MARINA (M45)	E/\$	В
				201-451-1000 (908-221-1938 NIGHT		
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	Е	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	\$	В
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	\$	В
P11	*TRANSCONTINENTAL GAS*	*	*	24" NATURAL GAS 908-862-8600	\$	В
P12	*PSE&G*	*	*	16" & 30" NATURAL GAS LINES	\$	В
				201-430-5075 OR 800-448-7046		
P13	*RSL CONSULTING ENGINEERS P.C.*	*	*	SANITARY SEWER 201-465-5376	\$	В
P14	*TEXAS EASTERN*	*	*	GAS 800-231-7794	\$	В
P15	*COLONIAL PIPELINE*	*	*	LPG 404-261-1471	\$	В
P16	*EXXON CO*	*	*	TWO 8"& ONE 12" PETROLEUM 201-858-6800	\$	В
P17	*SOHO ;PIPELINE*	*	*	PETROLEUM 908-862-0405	\$	В
P18	*COASTAL CORP*	*	*	12" GAS LINE 201-437-5513	\$	В
P19	*COASTAL OIL*	*	*	12' GAS LINE 201-437-2104	\$	В
R1	KVK SWIMMING POOL	R		MARINE POWER AND LIGHT (M57) 718-442-8018	\$	В
R2	AMERADA HESS	R	900	MARINE POWER AND LIGHT (M57) 718-442-8018	\$	В
R3	ST GEORGE FUEL PIER	R	1000		\$	В
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/\

BOOMING METHOD D = DEFLECTP = PROTECT

R = RECOVER

IMPACT E = ENVIRONMENTAL B = BOAT \$ = ECONOMIC V - VEHIC

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

 $\mathbf{M} = \mathbf{Marinas}$

 \mathbf{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

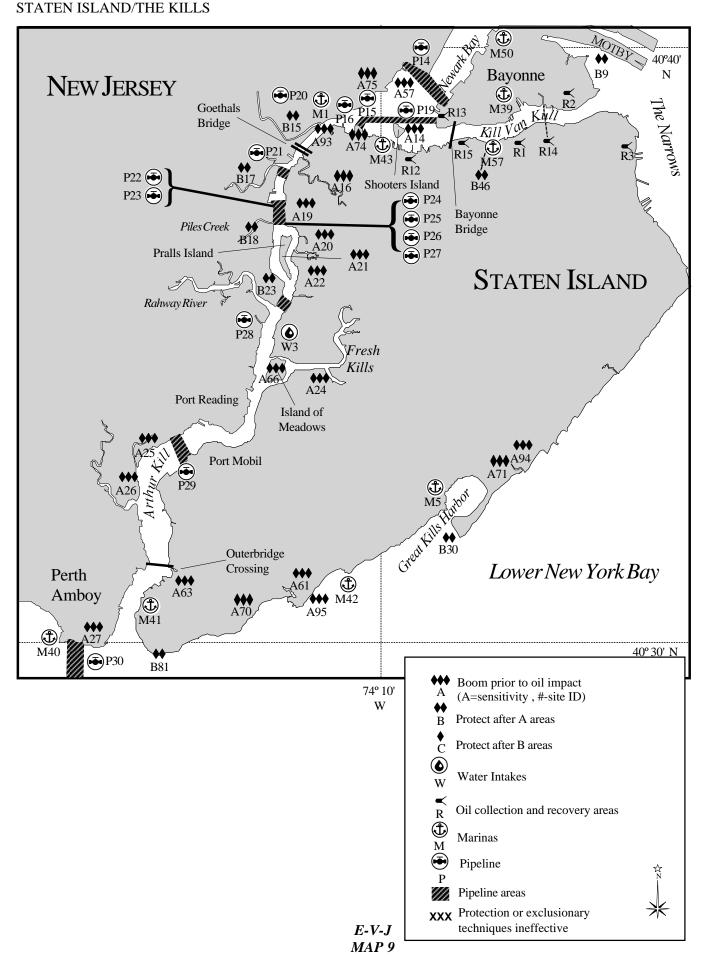
D = Deflection

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



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

	TIVE AREA	BOOM METHOL	0/	STAGING SITE	IMP A	
MAP 9	T	MIN BOO		MAP CODE		ESS
CODE	SENSITIVE AREA NAME	LENGTH		PHONE NUMBER		
A 1 4	CHOOTERS ISLAND	IN FT	0000	DODT AUTHODITY DEACH STATEM ISLAND	Г	В
A14	SHOOTERS ISLAND	P	8000	PORT AUTHORITY BEACH, STATEN ISLAND	E	В
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	Е	В
A20	SAWMILL CREEK	P	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	B/V
A21	PRALLS ISLAND	P/D	7500	NORTHVILLE LINDEN TERMINAL 908-862-5740 AMOCO OIL MARINE TERMINAL 732-541-5131	Е	В
A22	NECK CREEK	P	300	NORTHVILLE LINDEN TERMINAL 732-341-3131	Е	В
A24	FRESH KILL	P/D	1600	AMOCO OIL MARINE TERMINAL 732-541-5131	Е	В
A25	SMITH CREEK	P/D	300	MUNICIPLE BOAT RAMP	E/\$	B/V
A26	WOODBRIDGE CREEK	P	600	MUNICIPLE BOAT RAMP	Е	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	Е	B/V
A63	MILL CREEK	P/D	900	TOTTENVILLE MARINA (M41) 718-948-7520	Е	В
A66	ISLAND OF MEADOWS	D		AMOCO OIL MARINE TERMINAL 732-541-5131	Е	В
A70	MT. LORETTO	D/R	300	PRINCESS BAY/SAGUINE POINT	Е	B/V
A71	GATEWAY NATIONAL PARK	D	9500	PRINCESS BAY/SAGUINE POINT	E/\$	B/V
A74	MARINERS MARSH	P/D	650		Е	В
A75	SLATER PARK	P/D	300		Е	B/V
A93	BRIDGE CREEK	P		ELIZABETH MARINA (M1) 908-828-4296	Е	B/V
A94	OAKWOOD BEACH	P		PRINCESS BAY/SAGUINE POINT	E/\$	B/V
A95	WOLFE'S POND PARK	P		PRINCESS BAY/SAGUINE POINT	Е	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/\$	В
B18	PILES CREEK	P/D	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	В
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	Е	B/V
B81	CONFERENCE HOUSE PARK			PRINCESS BAY/SAGUINE POINT	Е	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	\$	В
M40	PERTH AMBOY MARINA	P	500	PERTH AMBOY MARINA (M40) 732-826-5000	\$	В
M41	TOTTENVILLE MARINA	P	2000	TOTTENVILLE MARINA (M41) 718-948-7520	\$	B/V
M42	SMITH CREEK MARINA				\$	В
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 = DEFLECTP = PROTECTR = RECOVER

 $\begin{tabular}{ll} IMPACT & ACCESS \\ E = ENVIRONMENTAL & B = BOAT \\ \$ = ECONOMIC & V = VEHICLE \\ \end{tabular}$

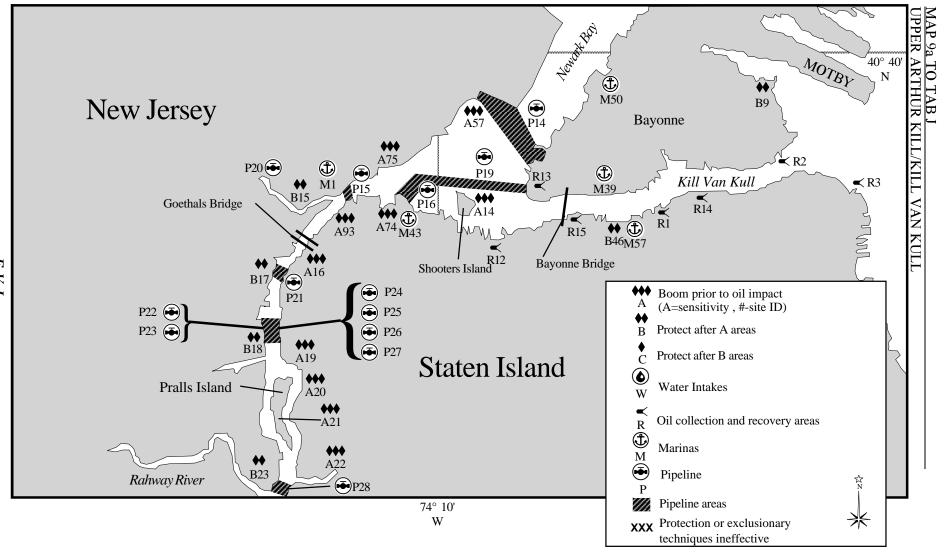
STRATEGY MATRIX REV: 20 NOV 98 STATEN ISLAND/ THE KILLS

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

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



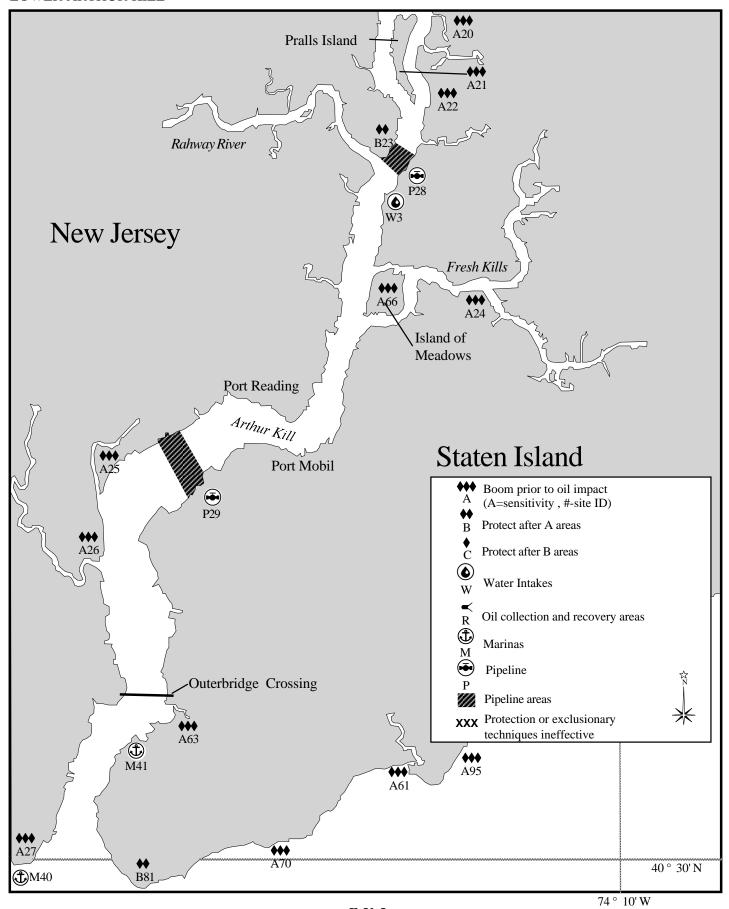
STRATEGY MATRIX **REV: 20 NOV 98** UPPER ARTHUR KILL / KILL VAN KULL

SENSIT MAP 9A	IVE AREA	BOOM METHOD	D/	STAGING SITE MAP CODE	IMPA ACC	
CODE	SENSITIVE AREA NAME	MIN BOO LENGTH IN FT		PHONE NUMBER	Acc	655
A14	SHOOTERS ISLAND	P	8000	PORT AUTHORITY BEACH, STATEN ISLAND	Е	В
A16	OLD PLACE CREEK	P	1500	ELIZABETH MARINA (M1) 908-828-4296	Е	B/V
A19	PRALL'S CREEK	P	1200	NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	В
A20	SAWMILL CREEK	P	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	B/V
A21	PRALLS ISLAND	P/D	7500	NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	В
A22	NECK CREEK	P	300	AMOCO OIL MARINE TERMINAL 732-541-5131 NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	В
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	Е	В
A75	SLATER PARK	P/D	300		Е	B/V
A93	BRIDGE CREEK	P		ELIZABETH MARINA (M1) 908-828-4296	Е	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/\$	В
B18	PILES CREEK	P/D	300	NORTHVILLE LINDEN TERMINAL 908-862-5740	Е	В
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	Е	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	\$	В
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	\$	В
P15	*COLONIAL PIPELINE*	*	*	LPG	\$	В
P16	*EXXON CO*	*	*	TWO 8"& ONE 12" PETROLEUM 201-858-6800	\$	В
P19	*COASTAL OIL*	*	*	12" OIL	\$	В
P20	*COLONIAL PIPELINE*	*	*	13" PETROLEUM 404-261-1471	\$	В
P21	*EXXON CO*	*	*	TWO 8"& ONE 12" PETROLEUM 201-858-6800	\$	В
P22	*COLONIAL PIPELINE*	*	*	12" OIL	\$	В
P23	*COASTAL OIL*	*	*	12' OIL 718-656-5746	\$	В
P24	*BUCKEYE*	*	*	TWO 12" GAS LINES 718-656-5746/908-862-8952	\$	В
P25	*COLONIAL PIPELINE*	*	*	TWO 14" PETROLEUM 404-261-1471	\$	В
P26	*TRANSCONTINENTAL GAS*	*	*	30" NATURAL GAS 908-862-8600	\$	В
P27	*COASTAL CORP.*	*	*	12" GAS 201-437-5513	\$	В
P28	*NORTHVILLE LINDEN*	*	*	10" #6 FUEL OIL 908-862-5740	\$	В
R1	KVK SWIMMING POOL	R		MARINE POWER AND LIGHT (M57) 718-442-8018	\$	В
R2	AMERADA HESS	R	900	MARINE POWER AND LIGHT (M57) 718-442-8018	\$	В
R3	ST GEORGE FUEL PIER	R	1000		\$	В
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 IMPACT D = DEFLECTP = PROTECTR = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \$ = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \end{array}$



E-V-J MAP 9b

STRATEGY MATRIX **REV: 20 NOV 98** LOWER ARTHUR KILL

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

NOTES: DO NOT ANCHOR AROUND PIPELINE AREAS

BOOMING METHOD D = DEFLECTP = PROTECTR = RECOVER

IMPACT impact ACCESS

E = ENVIRONMENTAL B = BOAT

\$ = ECONOMIC V = VEHIC \$ = ECONOMIC

JAMAICA BAY

- 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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

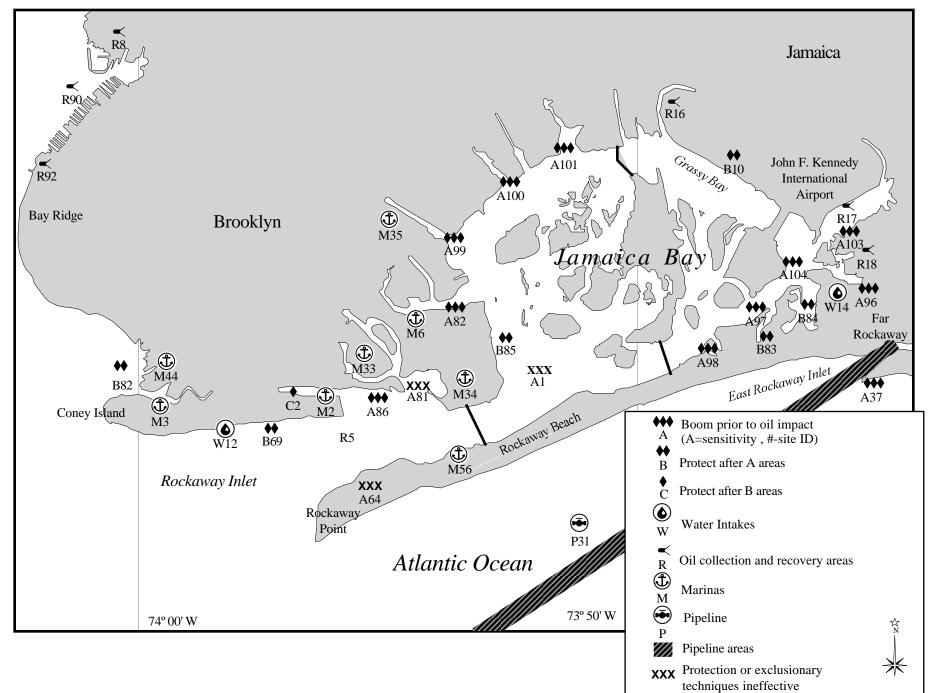
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

 \mathbf{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		STAGING SITE MAP CODE		IMPACT/ ACCESS	
CODE	SENSITIVE AREA NAME	LENGTH IN FT		PHONE NUMBER			
A1	JAMAICA BAY	D/R	11000	USCG STA ROCKAWAY (M56) 718-727-9199	Е	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	Е		
A81	DEADHORSE BAY GARRISON INLET	D/R	2700		Е		
A82	MILL BASIN	P/D	1300	BERGEN BEACH YACHT CLUB (M6) 718-251-9792	E/\$	В	
A86	PLUM BEACH	P					
A96	MOTT BASIN	P			Е	В	
A97	DUBOS POINT	P			Е		
A98	VERNAM BARBADOES PENINSULA	P			Е		
A99	PAERDEGAT BASIN	P		DIAMOND POINT MARINA (M35) 718-444-7700	Е	B/V	
A100	FRESH CREEK	P		DIAMOND POINT MARINA (M35) 718-444-7700	Е	B/V	
A101	SPRING CREEK OLD MILL CREEK	P/D			Е	В	
A103	HOOK CREEK	P			Е	B/V	
A104	MOTTS POINT	P/D			Е	B/V	
B10	JFK SITE	D/R	5000		Е	В	
B69	MANHATTAN BEACH BRIGHTON BEACH	D		SHEEPSHEAD BAY MARINA (M2) 718-891-0991 (718-891-3359 NIGHTS)	Е	B/V	
B82	CONEY ISLAND CREEK	P/R	800	NEPTUNE MARINA (M3) 718-266-6000			
B83	SUMMERVILLE BASIN	P			Е		
B84	NORTON BASIN	P			E/\$	В	
B85	FLOYD BENNET FIELD SHORELINE	D		BERGEN BEACH YACHT CLUB (M6) 718-251-9792	Е	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	\$	В	
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	Е	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	\$	В	
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	1	В	
R16	BERGEN BASIN	R	1000		1	B/V	
R17	HEAD OF BAY CHANNEL	R	600		1	B/V	
R18	NEGRO BAR CHANNEL	R	600		1	В	
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 = DEFLECTP = PROTECTR = RECOVER

IMPACT

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

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

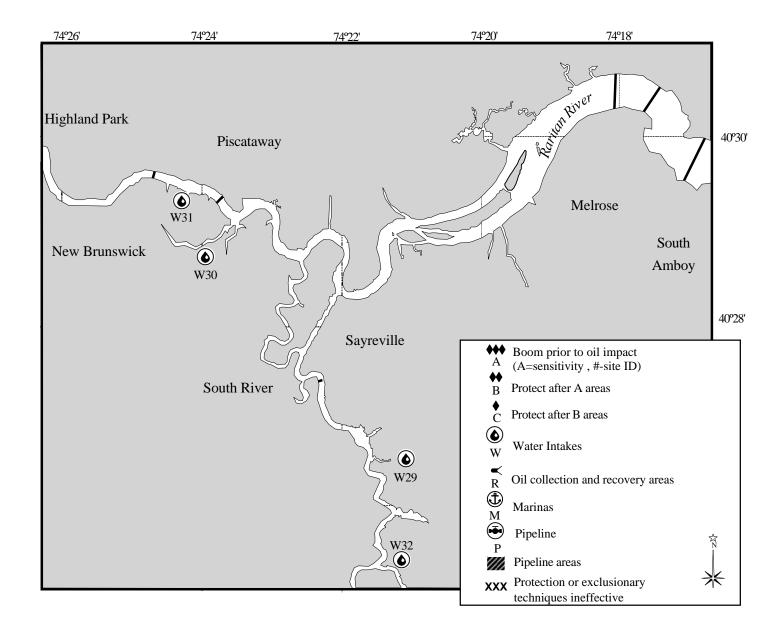
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

 \mathbf{D} = Deflection

R = Recovery and Collection

Map: 11. Raritan River map and strategy matrix



STRATEGY MATRIX **REV: 20 NOV 98** RARITAN RIVER

SENSIT MAP 11 CODE	IVE AREA SENSITIVE AREA NAME	BOOM METHOD MIN BOO LENGTH IN FT	OM .	STAGING SITE MAP CODE PHONE NUMBER	IMPA ACC	,
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 = DEFLECTP = PROTECTR = RECOVER

E = ENVIRONMENTAL

\$ = ECONOMIC

ACCESS

B = BOAT

V - VELIC

V = VEHICLE

RARITAN BAY/LOWER NEW YORK BAY

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

 $\mathbf{M} = \mathbf{Marinas}$

 \mathbf{R} = Oil collection and recovery area

W = Water Intake-boom prior to oil impact

P = Pipeline

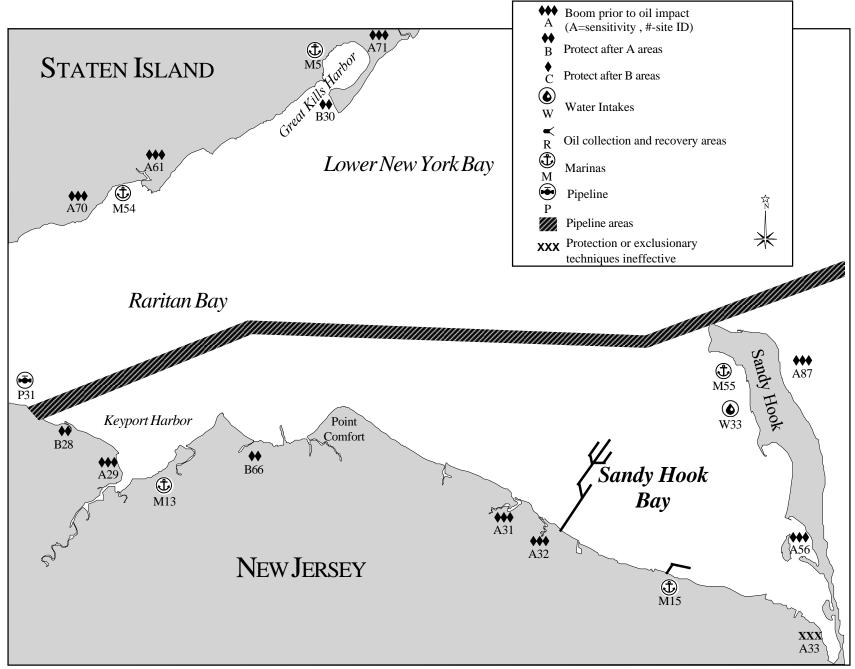
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

 \mathbf{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

SENSITIVE AREA MAP 12 CODE SENSITIVE AREA NAME		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER		IMPACT/ ACCESS	
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	Е	В	
A33	SHREWSBURY RIVER (NORTH	D/R	1200	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	Е	В	
A56	SPERMACETI COVE	P	2000	HARBORSIDE MARINE 732-291-4440	Е	B/V	
A61	LEMON CREEK	P/D	300	PRINCESS BAY/SAGUINE POINT	Е	B/V	
A70	MT LORETTO	D/R	300	PRINCESS BAY/SAGUINE POINT	Е	B/V	
A71	GATEWAY NATIONAL PARK	D	9500	PRINCESS BAY/SAGUINE POINT	Е	B/V	
A87	SANDY HOOK BEACH	P/D		USCG STA SANDY HOOK (M55) 732-872-3428	Е	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	\$	В	
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 TAB N

NEW JERSEY COASTLINE

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

Priority Scale: A = Boom prior to oil impact

B = Protect after **A** areas **C** = Protect after **B** areas

 $\mathbf{M} = \mathbf{Marinas}$

R = Oil collection and recovery area
 W = Water Intake-boom prior to oil impact

P = Pipeline

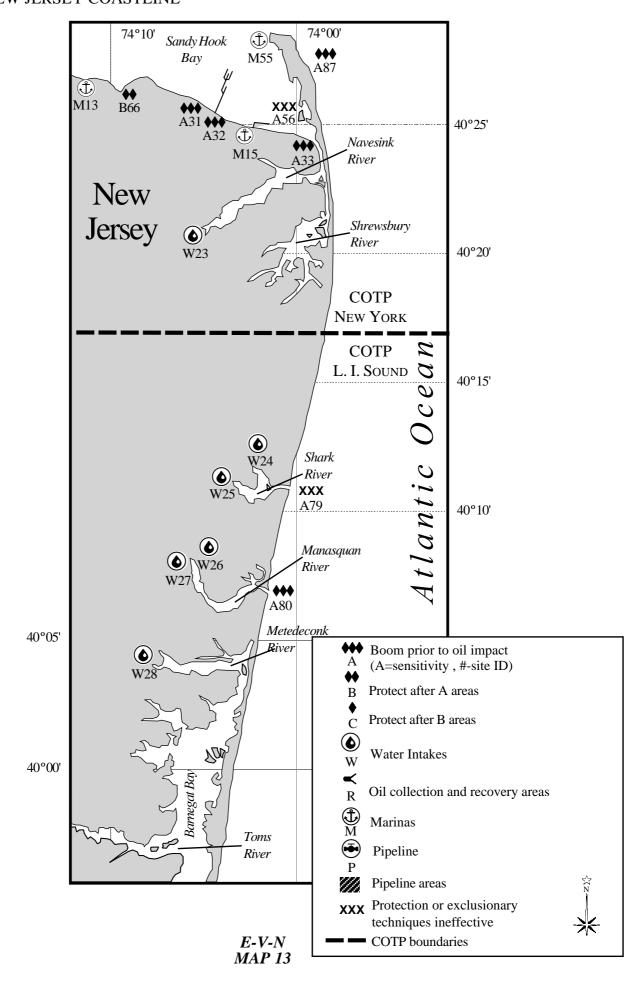
XXX = Protection or exclusionary techniques ineffective

Booming Method: P = Protection

D = Deflection

R = Recovery and Collection

Map: 13. New Jersey Coastline map and strategy matrix



STRATEGY MATRIX **REV: 20 NOV 98**

NEW JERSEY COASTLINE / ATLANTIC OCEAN

SENSITIVE AREA MAP 13 CODE SENSITIVE AREA NAME		BOOM METHOD/ MIN BOOM LENGTH IN FT		STAGING SITE MAP CODE PHONE NUMBER		IMPACT/ ACCESS	
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	В	
A33	SHREWSBURY RIVER (NORTH	D/R	1200	ATLANTIC HIGHLANDS MUNICIPLE MARINA (M15) 732-291-1670 (732-681-1425 NIGHT)	Е	В	
A56	SPERMACETI COVE	P	2000	HARBORSIDE MARINE 732-291-4440	Е	B/V	
A79	SHARK RIVER	P/D	375	HAMPTONS AND HAVEN/ BELMAR	E/\$	B/V	
A80	MANASQUAN RIVER	P/D	450	FISHERMANS COVE	Е	B/V	
A87	SANDY HOOK BEACH	P/D		USCG STA SANDY HOOK (M55) 732-872-3428	Е	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'	Р	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 = DEFLECTP = PROTECTR = RECOVER

 $\begin{array}{ll} \text{IMPACT} & \text{ACCESS} \\ \text{E} = \text{ENVIRONMENTAL} & \text{B} = \text{BOAT} \\ \text{\$} = \text{ECONOMIC} & \text{V} = \text{VEHICLE} \\ \end{array}$

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 ARE	EA SUMMARY	DATE <u>11/20/9</u>	8
SITE # 1 MAP NUM	BER: SI	TE NAME: Jamaica Bay		_
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS ROCKAWAY INL	ET 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 EXPOSED ROCKY SHOP TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		CHES SHELTERED TIDAL I	FLATS MAN-MADE S	TRUCTURES
RESOURCES AT RISK SI	EASONAL CONSIDERATIONS: SF	PRING SUMMER F	ALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	OWNEROIII .			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF F	PROTECTIBILITY:		
DEFLECT Π	HIGH \Box			
RECOVERY \square	LOW			
PROTECTION	MEDIUM		MIN BOOM LENGTH 1	1000 ft
OTHER (PS	2			
- · · · - · · · · ·				

PRIORITY A	SENSITIVE ARE	A SUMMAR	Y DATE	1/20/98
SITE # 10 MAP NUMBER:	9A SITI	E NAME: Snug Harbor		
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	F	PHONE	
1	1	1	1	
2	2	2	2	
3	3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS: kts	·
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAF	—	L	IES ADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPE	RING SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
DESPONSE CONSIDERATIONS	OWNERSHIP:			
RESPONSE CONSIDERATIONS ACCESS:	OWNERSHIP:			
VEHICLE				
BOAT				
"				
STAGING AREAS: Atlas Yacht Club (M3	39) 201-858-9605			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PR	ROTECTIBILITY:		
DEFLECT X	нідн			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	H 300 ft
OTHER (PS				<u></u>

Γ.

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 12 MAP NUMBER:	NY-8 SITE NAME: Hackensa	ck River
USGS QUAD: Jersey City/Weehawken, NJ	NOAA CHART # 12337, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 8, 9 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Head of Newar	TIDAL RANGE 5 - 6 ft rk Bay, NJ, and northward; joins with Passaic River to	MAX CURRENTS: kts o form Newark Bay
PHYSICAL DESCRIPTION: Tidal marsh 4 r	miles wide by 10 miles long sandwiched between high	nly urbanized areas.
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTERE	TIDAL FLATS X MARSHES X D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE
WILDLIFE: Waterfowl (nesting Apr-Aug) pintails and wigeon (Oct-Mablue crabs (spring thru fall).	r); Fish, including striped bass, white perch, and river	gadwalls, ruddy ducks, coots, Canada geese, mute swar herring (spring runs); Shellfish; Crustaceans, including or numerous waterfowl; migratory/overwintering area for
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	ress in some locations\Boat access in most locations	
STAGING AREAS: Roanoke Yacht Club COLLECTION POINTS: OTHER (RC):	(M48) - (973) 344-9379	
PROTECTION STRATEGIES BOOM METHOD: DEFLECT X RECOVERY X PROTECTION X	DEGREE OF PROTECTIBILITY: HIGH	MIN BOOM LENGTH 5000 ft

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 13 MAP NUMBER:	NY-8 SITE NAME: Pa	assaic River
USGS QUAD: Jersey City/Elizabeth, NJ	NOAA CHART # 12337, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 8, 5 LATIT	UDE 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 Newa	rk Bay, NJ, and northward; joins with Hacken	sack River to form Newark Bay
	ver flowing through highly urbanized area; tida uence extends 10 miles above mouth	al banks, mud, sand banks and vegetation; no more than 1/4 mile
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHE	POSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE
WILDLIFE: Nesting waterfowl, including canvasback, scaup, gadwal (SP-FA); Shellfish; Crustace HABITAT: Nursery area for finfish; large	ls, buffleheads; hooded, red breasted, commeans, incl blue crab; Mammals, including mus	gadwalls, ruddy ducks, coots, C. geese; wintering (mouth) on merganser (FA,WI-mouth); Fish, incl striped bass & white pe krats, racoons, and skunks ea for numerous waterfowl; mouth is an important waterfowl wint
THREATENED/ ENDANGERED:		
OTHER (RR):		
DESPONSE CONSIDERATIONS	OWNED SHID:	
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X	OWNERSHIP:	
STAGING AREAS: Roanoke Yacht Club COLLECTION POINTS: OTHER (RC):	(M48) - (973) 344-9379	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:
DEFLECT X	HIGH	
RECOVERY X	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 3500 ft

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>				
SITE # 14 MAP NUMBER:	NY-8,9,9a SITE NAME: S	hooters Island				
USGS QUAD: Elizabeth, NJ-NY	NOAA CHART # 12333, 12327	River Mile:				
NOAA ESI ATLAS NY Harbor	ESI MAP # 5 LATIT	UDE 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	Natural Resources Group	2 (212)360-1417				
	·	· '				
3	3	3				
SITE DESCRIPTION SITE AREA: 51 acres GEOGRAPHIC LOCATION: Northern State	es TIDAL RANGE 5-6 ft en Island, at confluence of Arthur Kill and Kill	MAX CURRENTS: kts Van Kull				
	ands in the Manhattan Hills eco-region COARSE SAND BEACHES X EX	s of shipbuilding industry and other debris; one of the largest POSED TIDAL FLATS MARSHES ELTERED TIDAL FLATS MAN-MADE STRUCTURES X				
RANK FINE SAND BEACHES	-	ELTERED ROCKY SHORE				
	—	SUMMER A FALL A WINTER A seabirds (cormorants), surface feeding coastal seabirds (gulls), a				
	upland environment; significant colonial water ne; drift material and debris around island is	bird nesting area (herons especially); small patches of salt marsh dense enough to form tidal pools.				
THREATENED/ ENDANGERED:						
	oird rookeries in the Harbor Herons ecosyster ogical sites and artifacts); potential recreation	m; NY State Significant Coastal Habitat; cultural resources (inclunarea				
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks	s, State of New Jersey				
ACCESS: VEHICLE BOAT X		<u> </u>				
	Staten Island					
STAGING AREAS: Port Authority Beach, Staten Island COLLECTION POINTS:						
OTHER (RC): Managed by NYC Pa	rks and Recreation					
PROTECTION STRATEGIES						
BOOM METHOD:	DEGREE OF PROTECTIBIL	JTY:				
DEFLECT Π	нідн П					
I						
RECOVERY U	LOW X	MIN BOOM LENGTH 8000 ft				
PROTECTION X	MEDIUM	IVIIIN BOOW LEINGTH 0000 IL				

PRIORITY A	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/98</u>
SITE # 16 MAP NUMBER:	NY-8,9,9a SIT	E NAME: Old Place (Creek and marshes
USGS QUAD: Elizabeth, NJ-NY	NOAA CHART # 1:	2333, 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	Natural Resources		2 (212)360-1417
3	3		3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE 5	5 - 6 ft	MAX CURRENTS: kts
			
GEOGRAPHIC LOCATION: Northwest corr	ner of Staten Island, on Arthur K	iii, Goeinais bridge ar	ea
PHYSICAL DESCRIPTION: Meandering tid	dal creek draining tidal and fresh	water wetlands and hig	gh marsh
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAI	—	D ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SP	RING A SUMMER	A FALL A WINTER A
WILDLIFE: Birds, including wading birds	s (herons, egrets, and ibises), sh	norebirds, and waterfor	wl
HABITAT: Feeding grounds for egrets	and other wading birds from nea	urby colonies; wintering	g area for waterfowl; migratory stopover
THREATENED/ ENDANGERED:			
OTHER (RR): NYC Parks is conducting ar	n extensive marsh restoration pro	oject in this area;\Part	of the Harbor Herons ecosystem
RESPONSE CONSIDERATIONS	OWNERSHIP:	NY City / GATX / Ba	yway Refinery
ACCESS:			
VEHICLE X			
BOAT X			
STAGING AREAS: Elizabeth Marina (M1) - (908) 820-4296		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PI	ROTECTIBILITY:	
DEFLECT	HIGH		
RECOVERY	LOW		
PROTECTION X	MEDIUM X		MIN BOOM LENGTH1500 ft
OTHER (PS	_		

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>				
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	E 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 State	ten Island / Arthur Kill; between Pralls Island and	Staten Island				
PHYSICAL DESCRIPTION: Tidal connection	on between Sawmill Creek marshes and Arthur K	ill				
SHORELINE EXPOSED ROCKY SHORES	☐ COARSE SAND BEACHES ☐ EXPOS	SED TIDAL FLATS X MARSHES X				
TYPE (ESI) WAVE CUT PLATFORMS	→ ⊢	ERED TIDAL FLATS MAN-MADE STRUCTURES				
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHELT	ERED ROCKY SHORE				
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUM	MER A FALL A WINTER A				
WILDLIFE: Birds, invertebrates	_					
HABITAT: Potential feeding area for bit	rds at low tide					
THREATENED/						
ENDANGERED:						
		part of the Harbor Herons ecosystem; Pralls Island is mana				
by NTC Addubon Society as	s an urban wildlife refuge; NYC Parks Preserve					
RESPONSE CONSIDERATIONS	OWNERSHIP:					
ACCESS:						
VEHICLE Northern or	utlet is navigable by shallow draft boats only					
воат Х						
STACING ABEAS: Linden Northville Torr	minal (722) 962 5740					
STAGING AREAS: Linden Northville Terminal - (732) 862-5740						
COLLECTION POINTS: OTHER (RC): Southern outlet used by sand/gravel barges						
OTTER (NC).	by Salid/graver barges					
PROTECTION STRATEGIES						
BOOM METHOD:	DEGREE OF PROTECTIBILITY:					
DEFLECT	нідн 🗓					
RECOVERY	LOW \square					
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1200 ft				
OTHER (PS						

PRIORITY A	SENSITIVE AREA S	UMMARY DATE <u>11/20/98</u>
SITE # 20 MAP NUMBER:	NY-9,9a,9b SITE NAM	E: Sawmill Creek Marshes
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12333, 12	2327 River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP# 4 L	ATITUDE 40° 36' 30" NORTH LONGITUDE 074° 11' 50" WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks	Natural Resources Group	1 (212)360-1417
	·	` '
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: 150 acc	res TIDAL RANGE 5 - 6 ten Island, east of Prall's Island; Arthur	ft MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Freshwater to	tidal marsh on Sawmill and Merrell's Cro	eeks; includes Chelsea Marsh and Merrell's Marsh
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS MARSHES X SHELTERED TIDAL FLATS X SHELTERED ROCKY SHORE
WILDLIFE: Southern leopard frog (see I shorteared owl; invertebrate HABITAT: Shallow, freshwater marshe invertebrates and used heaven. THREATENED/ ENDANGERED: Chelsea Marsh is one of few northern harrier OTHER (RR): Part of the Harbor Herons e	es are breeding habitat for frogs; intertid vily for feeding by wading birds from adjustence with the souther that we will be souther the souther that we will be souther than the souther that we will be souther that we wil	egrets, ibises, and bitterns; waterfowl, including ducks and geese; al marsh areas between Merrell's Creek and Sawmill Creek are rich in acent rookery; freshwater wetlands provide winter ern leopard frogs, which is a species of special concern for the State; Habitat; Saw Mill Creek Preserve was recently designated as a NYC
RESPONSE CONSIDERATIONS	OWNERSHIP: Privat	e and public
ACCESS: VEHICLE X BOAT X	minal - (732) 862-5740	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTEC	TIRII ITY:
DEFLECT	HIGH	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft

PRIORITY A	SENSITIVE ARE	A SUMMAR	RY DATE	11/20/98
SITE # 21 MAP NUMBER:	NY-9,9a,9b SIT	E NAME: Pralls Island	l	
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12	2333, 12327	River Mile:	
NOAA ESI ATLAS NY Harbor	ESI MAP #4	LATITUDE 40°	36' 30" NORTH LONGITUD	DE <u>074° 12' 00"</u> WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1 NYC Parks	Natural Resources Grou	р	1 (212)360-1417	
2	2	•	2	
3	3		3	
SITE DESCRIPTION SITE AREA: 88 acr	res TIDAL RANGE 5	5 - 6 ft	MAX CURRENTS:	kts
GEOGRAPHIC LOCATION: Arthur Kill, no	rthwest Staten Island			
	densely wooded island with tidal values of peat/asphalt	wetlands around perime	eter; large, undisturbed uplar	nd and wetland environme
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED TII	DAL FLATS	SHES
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACI	—		-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAI	P SHELTERED	ROCKY SHORE	
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPI	RING A SUMMER	A FALL WINTER	RП
	ons, egrets, and ibises; surface			
wading birds, including her	ons, egrets, and ibises, sunace	reeding coastal seabild	s, including guils, wateriowi,	, including ducks and gee:
LIADITAT: Insurant masting and for I			46 :	
	arge numbers of colonial waterbi eronry in the region and may con			e or suitable nesting areas
THREATENED/				
ENDANGERED:				
	oon Society as an urban wildlife r			
ecosystem; NY State Signi	ificant Coastal Habitat; NYC Park	s Preserve; NYC Parks	s is conducting an extensive	salt marsh resto
RESPONSE CONSIDERATIONS	OWNERSHIP:	City of New York		
ACCESS:				
VEHICLE				
BOAT X				
STAGING AREAS: Linden Northville Ter	minal - (732) 862-5740			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PI	ROTECTIBILITY:		
DEFLECT X	нідн			
RECOVERY	LOW			
PROTECTION X	MEDIUM X		MIN BOOM LENG	STH 7500 ft
OTHER (PS	25.0			
I UTHER IFS				

PRIORITY A	SENSITIVE AREA SUMM	MARY DATE		
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 <u>NY Harbor</u>	ESI MAP# 4 LATITUD	E 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 GEOGRAPHIC LOCATION: Northwest State	es TIDAL RANGE 5-6 ft ren Island, south of Prall's Island; Arthur Kill	MAX CURRENTS: kts		
	to tidal ebb and flow for this wetland system SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS MARSHES X SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES			
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 / Priva	te / City of New York		
ACCESS: VEHICLE				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES BOOM METHOD:	DEGREE OF PROTECTIBILITY	:		
DEFLECT	HIGH X			
RECOVERY	LOW			
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft		

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE <u>11/2</u>	20/98
SITE # 24 MAP NUMBER:	NY-9, 9b SITE N	AME: Fresh Kills		
USGS QUAD: Arthur Kill, NY - NJ	NOAA CHART # 12327	7,12331	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	Natural Resources Group		12)360-1417	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA: 1000 a	oros TIDAL BANGE 5 6	ft MAX 0	CURRENTS: kts	
SITE DESCRIPTION SITE AREA: 1000 a	cres TIDAL RANGE 5 - 6	_ II IVIAX C	ORRENTS. KIS	
GEOGRAPHIC LOCATION: Arthur Kill / We	estern Staten Island			
PHYSICAL DESCRIPTION: Largest tidal w	etland complex in the Manhattan Hil s Channel	ls eco-region; Main Creek,	Springville Creek, & Richr	mond Creek converg
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	☐ EXPOSED TIDAL FLA	TS MARSHES	s X
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACHES	H '		E STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY	SHORE	<u> </u>
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	G A SUMMER A FA	ALL A WINTER A	1
				•
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, s	shorebirds, and others; stopover dur	ing Spring and Fall bird mig	rations: the extensive nety	work of tidal creeks a
	potential spawning and nursery habi			
THREATENED/				
ENDANGERED:				
•	Habitat and part of the Harbor Here	ons ecosystem; William T. [Davis wildlife refuge is nor	th of Travis Avenue
has a significant raptor popu	nation in winter			
RESPONSE CONSIDERATIONS	OWNERSHIP: N	∕C Parks		
ACCESS:	_		-	
VEHICLE				
BOAT X				
STAGING AREAS: AMOCO Marine Oil T	erminal - (732) 541-5131			
COLLECTION POINTS:	Offilia (102) 041 0101			
OTHER (RC):				
OTTER (RO).				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:		
DEFLECT	HIGH X			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	1200 ft
OTHER (PS				

PRIORITY A	SENSITIVE AREA SUM	MARY DATE
SITE #25 MAP NUMBER:	NY-9, 9b SITE NAME: Sr	nith Creek
USGS QUAD: Perth Amboy, NJ-NY	NOAA CHART # 12331, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 2 LATIT	UDE 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: GEOGRAPHIC LOCATION: Lower Arthur &	TIDAL RANGE 5-6 ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Pocket marsh refineries. SHORELINE EXPOSED ROCKY SHORES	, , , , , , , , , , , , , , , , , , ,	unded on the western shore by industry, including rail yards and
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		ELTERED TIDAL FLATS X MAN-MADE STRUCTURES X ELTERED ROCKY SHORE
WILDLIFE: Nesting waterfowl, including hooded, red breasted, and of	mallard, black ducks, blue/green wing teal, g	UMMER A FALL A WINTER A adwalls, ruddy ducks, coot, Canada Geese, and mute swans; k, scaup, gadwalls, buffleheads (open water, winter); pintails and er flounder
	waterfowl species; important open water area mportant forage and predatory species of fish	for mergansers and wintering waterfowl; waterfowl migratory
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	cle access	
STAGING AREAS: Municpal Boat Ramp		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:
DEFLECT X	нідн	
RECOVERY [LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>		
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 <u>NY Harbor</u>	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: GEOGRAPHIC LOCATION: Lower Arthur	TIDAL RANGE 5-6 ft Kill, Sewaren / Perth Amboy, NJ	MAX CURRENTS: kts		
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 are on the west and northeast sides SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES X SHELTERED ROCKY SHORE SHELTERED ROCKY SHORE				
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 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 X BOAT X STAGING AREAS: Municipal Boat Ram COLLECTION POINTS: OTHER (RC):	p			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECTIBILITY:			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW DEGREE OF PROTECTIBILITY:

NUMBER OF PROTECTION X MEDIUM MEDIUM MIN BOOM LENGTH 600 ft

OTHER (PS

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>		
SITE # 27 MAP NUMBER:	NY-9,9b,11 SITE NAME: Raritan Ri	ver		
USGS QUAD: South/Perth Amboy, NJ	NOAA CHART # 12331/32, 12327	River Mile:		
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 1, 2 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Lower NY Hard	TIDAL RANGE 5-6 ft	MAX CURRENTS: kts		
influence exter	influence extends at least 12 nm upstream SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES X EXPOSED TIDAL FLATS X MARSHES X TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES X SHELTERED TIDAL FLATS MAN-MADE STRUCTURES X RANK			
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 swa hooded, red breasted, common mergansers (FA-WI); canvasback, scaup, gadwalls, buffleheads (WI); mammals				
	ea for striped bass and forage fish; blue crabs at mout vaterfowl; migratory area for pintails and wigeon (Oct-	th; nesting area for waterfowl; important open water area Mar).		
THREATENED/ ENDANGERED: OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X STAGING AREAS: Sandy Point Beach COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES				

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 5000 ft

HIGH

LOW

MEDIUM

BOOM METHOD:

PROTECTION X

DEFLECT

OTHER (PS

RECOVERY

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 29 MAP NUMBER:	NY-12 SITE NAME: Matawa	an 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 Rari	itan Bay / Keyport, NJ	
PHYSICAL DESCRIPTION: Tidal tributary	approximately 2 miles long by 1/2 mile wide; bank	s consist of salt marsh and other vegetation
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS X MARSHES X RED TIDAL FLATS MAN-MADE STRUCTURES X RED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A SUMM	MER A FALL A WINTER A
blue/green wing teal, gadwa		cluding blue crab; Nesting birds, including mallard, black duc hooded, red breasted, common mergansers (FA-WI); s, red fox, racoons, skunks
HABITAT: Summer nursery area for fin area for pintails and wigeon		vater area for mergansers and wintering waterfowl; migrator
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: Wagner's Marina (M	13) - (732) 583-6930/(732) 566-5821 (Night)	
COLLECTION POINTS:		
OTHER (RC):		
<u> </u>		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн	
RECOVERY [LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1500 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA S	SUMMARY	DATE	11/20/98
SITE # 31 MAP NUMBER:	NY-12, 13 SITE NA	ME: Compton Creek		
USGS QUAD: Sandy Hook, NJ - NY	NOAA CHART # 12401,	12327	River Mile:	
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #6	LATITUDE 40° 26' 07"	NORTH LONGITUD	E <u>074° 04' 56"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NJDEP/Marty McHugh	1 Biology/ecology/NRDA	1 (6	609)984-1220	
2 NJDEP/Bruce Freeman	2 Marine fish and shellfish	2 (6	609)292-2083\NJ	
3 NJDEP/Paul Castelli	3 Waterfowl and avian species	3 (6	609)748-2047	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE 5 - 6	ft MAX	CURRENTS: k	cts
GEOGRAPHIC LOCATION: Southern side	of Sandy Hook Bay / Town of Belford	I, NJ; Monmouth County		
	reek and associated tidal marshes, ap r forms creek entrance	proximately 2 miles long a		<u></u>
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	SHELTERED TIDAL I	FLATS MAN-	MADE STRUCTURES X
WILDLIFE: Fish, incl bluefish, weakfish, mallard, black ducks, blue/g mergansers (FA-WI); canva HABITAT: Nursery area for finfish; nes	NAL CONSIDERATIONS: SPRING, and winter flounder; forage species, treen wing teal, gadwalls, ruddy ducks sback, scaup, gadwalls, buffleheads sting area for waterfowl; important opur); feeding area for red fox, racoons,	incl killifish & bay anchov s, coot, C. geese, and mut (WI); mammals	e swans; hooded, re-	-FA); Nesting birds, incl d breasted, common
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X				
STAGING AREAS: Monmouth Cove Mar COLLECTION POINTS: OTHER (RC):	ina - (732) 945-9400			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTE	ECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENG	TH 900 ft

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>		
SITE # 32 MAP NUMBER:	NY-12, 13 SITE NAME: Ware Cree	k		
USGS QUAD: Sandy Hook, NJ - NY	NOAA CHART # 12401, 12327	River Mile:		
NOAA ESI ATLAS NY Harbor	ESI MAP # 6 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Southern side	TIDAL RANGE 5 - 6 ft of Sandy Hook Bay / east of Belford, NJ; Monmouth	MAX CURRENTS: kts		
	large marsh about 2 miles wide COARSE SAND BEACHES SAND AND GRAVEL BEACHES SHELTERE	d several other minor creeks, a complex is formed which FIDAL FLATS X MARSHES X D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE		
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:			
	e, depth varies from 4 to 9 feet	ek is approximately 8 feet;\between creek entrance and		
PROTECTION STRATEGIES				
DOOM METHOD	DECDEE OF DOCTECTION IT			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH LOW LOW MEDIUM MIN BOOM LENGTH 1000 ft

OTHER (PS

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE #33 MAP NUMBER:	NY-12, 13 SITE NAME: Shrewsb	ury River
USGS QUAD: Sandy Hook, NJ - NY	NOAA CHART # 12327, 12401	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	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 S	Sandy Hook Bay / Highlands, NJ; Monmouth Count	у
	rth; banks & bluffs to the west	creeks; mouth is composed of low tidal marshes as it
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	ED ROCKY SHORE
WILDLIFE: Molluscs and crustaceans; fi mallard, black ducks, blue/g		P-SU-FA), & white perch (year round); nesting birds, include, and mute swans; hooded, red breasted, common
HABITAT: Nursery area for striped bas migratory area for pintails ar		area for mergansers (FA-WI) and wintering waterfowl;
THREATENED/ ENDANGERED:		
OTHER (RR): Commercial and recreational	ıl quantities of hard clams, soft clams, and small are	eas of oyster near Red Bank; recreational blue crab area
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
	(MAE) (700) 004 (670 (700) 651 (107 (117)	
· ·	(M15) - (732) 291-1670 / (732) 681-1425 (night)	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	HIGH	
RECOVERY X	LOW X	
PROTECTION	MEDIUM	MIN BOOM LENGTH 1200 ft

PRIORITY A S	SENSITIVE ARE	A SUMMAF	RY DATE <u>11/20/98</u>	
SITE # 37 MAP NUMBER: NY-10 SITE NAME: East Rockaway Inlet				
USGS QUAD: Far Rockaway/Lawrence, NY NOAA ESI ATLAS NY Harbor/LI	NOAA CHART # 12 ESI MAP # 15/1	2350, 12352 LATITUDE 40°	River Mile: NOAA 12 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-Hemps		2 (516)897-4126	
3 NYSDEC F&W/Joe Pay	3 Mike Scheibel-endanger	red 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 (Atlanti Beach) to the south SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS RANK SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES X				
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/ Piping plover on both sides of amaranth on Rockaway beach	of inlet (March 15 - Sept 15); lea	ast tern on Atlantic bea	ch (NY State listed; March 15 - Sept 30), seabeach	
RESPONSE CONSIDERATIONS	OWNERSHIP:	Silver Point County F	ark / Nassau County	
ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES BOOM METHOD:	DEGREE OF PR	ROTECTIBILITY:		

PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	ніgн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 2000 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA	SUMMA	RY DATE <u>11/20/98</u>
SITE # 40 MAP NUMBER:	1 SITE N	IAME: Hampstead	d 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	S SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE MAN-MADE STRUCTURES MAN-MADE S
	NAL CONSIDERATIONS: SPRIN	G SUMMER	FALL WINTER
WILDLIFE:			
LIADITAT.			
HABITAT:			
THREATENED/			
ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:	OWNERSHIP.		
VEHICLE			
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:	
DEFLECT	HIGH		
RECOVERY	LOW		MINIDOGNAL ENGTH
PROTECTION X	MEDIUM		MIN BOOM LENGTH 800 ft
OTHER (PS			

PRIORITY A	SENSITIVE AREA	SUMMA	RY DATE <u>11/20/98</u>
SITE # 54 MAP NUMBER:	SITE N	NAME: Rye Beach	ı
USGS QUAD: Rye	NOAA CHART #		River Mile:
NOAA ESI ATLAS LONG ISLAND SOUND		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 EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS MARSHES TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE			
RESOURCES AT RISK SEASOI	NAL CONSIDERATIONS: SPRIN	IG SUMMER	FALL WINTER
WILDLIFE:			
LIADITAT:			
HABITAT:			
THREATENED/			
ENDANGERED:			
OTHER (RR):			
DESPONSE CONSIDERATIONS	OWNED OUTD.		
RESPONSE CONSIDERATIONS ACCESS:	OWNERSHIP:		
VEHICLE			
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:	
DEFLECT	HIGH		
RECOVERY	LOW		MIN ROOM LENGTH 900 #
PROTECTION X	MEDIUM		MIN BOOM LENGTH 800 ft
OTHER (PS			

PRIORITY A	SENSITIVE AREA SUM	MARY DATE 11/20/98
SITE # 56 MAP NUMBER:	NY-12, 13 SITE NAME: Sp	
USGS QUAD: Sandy Hook, NJ - NY	NOAA CHART # 12401, 12327	River Mile: NOAA 12
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 6 LATITU	JDE 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: GEOGRAPHIC LOCATION: Eastern Sandy	TIDAL RANGE 3 - 6 ft Hook Bay / western Sandy Hook, NJ; Monm	MAX CURRENTS: kts outh county
PHYSICAL DESCRIPTION: Shallow embay	ment and tidal marsh approximately 1/2 mile	by 1/2 mile in size; part of the Gateway National Recreation Are
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	OSED TIDAL FLATS X MARSHES X LTERED TIDAL FLATS MAN-MADE STRUCTURES LTERED ROCKY SHORE X
WILDLIFE: Molluscs (see below); crusta	gadwalls, ruddy ducks, coot, C. geese, and m	UMMER A FALL A WINTER A wintering scaup, goldeneye, and buffleheads; nesting mallard, bute swans; canvasback, scaup, gadwalls, and bufflehead (operation)
waterfowl	ntering waterfowl (flocks of thousands); impor	tant nesting area, open water area, and migratory stopover for
THREATENED/ ENDANGERED:		
	rd clams and soft clams; green crabs are imp	portant bait species
RESPONSE CONSIDERATIONS	OWNERSHIP: National Par	rk Service
ACCESS:		
VEHICLE X Depth at co	ve entrance approximately 1 foot	
STAGING AREAS: Harborside Marine (73	32) 291-4440	
COLLECTION POINTS:	,	
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:

HIGH

LOW

MEDIUM

MIN BOOM LENGTH 2000 ft

DEFLECT

OTHER (PS

RECOVERY

PROTECTION X

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>	
SITE # 57 MAP NUMBER:	NY-8, 9, 9a SITE NAME: Singer Fla	t	
USGS QUAD: Elizabeth, NJ - NY	NOAA CHART # 12333, 12327	River Mile:	
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 5 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Entrance to Ne	TIDAL RANGE 4 - 6 ft ewark Bay, just south of Port Elizabeth Marine Termin	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: Shallow water	area with extensive tidal flats		
SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES SAND BEACHES SAND AND GRAVEL BEACHES X SHELTERED TIDAL FLATS MAN-MADE STRUCTURES X SHELTERED ROCKY SHORE X			
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 ACCESS: VEHICLE X BOAT X STAGING AREAS: Elizabeth Marina (M1 COLLECTION POINTS: OTHER (RC):	OWNERSHIP:		
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROTECTIBILITY:		
DEFLECT X	HIGH		
RECOVERY	LOW		
PROTECTION X	MEDIUM	MIN BOOM LENGTH 3500 ft	

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-8 SITE NAME: Port News	ark Channel
USGS QUAD: Elizabeth, NJ - NY	NOAA CHART # 12327, 12337	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP# 5 LATITUDE 40	0° 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 Ai	rport
PHYSICAL DESCRIPTION: Manmade cha	nnel dredged through a shallow water tidal area appro	oximately one mile long by 100 yards wide
SHORELINE EXPOSED ROCKY SHORES	☐ COARSE SAND BEACHES ☐ EXPOSED	TIDAL FLATS MARSHES
TYPE (ESI) WAVE CUT PLATFORMS	─	ED TIDAL FLATS MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHELTERE	D ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUMMER	R A FALL A WINTER A
		abs (SP-SU-FA); benthic food organisms (year round);
		nooded, red breasted, and common mergansers (FA-WI)
HABITAT: Concentration area for juver	nile fish, crustaceans, and benthic organisms; waterfo	owl wintering area
Concommuno, area io, jures		on minoring area
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: Port Newark Face Pi	er - (201) 963-7111	
COLLECTION POINTS:	(201) 666 1111	
OTHER (RC):		
<u> </u>		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	ніgн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 800 ft
	250	
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-8 SITE NAME: Elizabeth	n 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 cha	annel dredged through shallow tidal area approximate	ely one mile long by 100 yards wide by 30 feet deep.
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES X ED ROCKY SHORE
RESOURCES AT RISK SEASO	ONAL CONSIDERATIONS: SPRING A SUMME	ER A FALL A WINTER A
	hroughout the year); waterfowl, including canvasback	weakfish; blue crabs (SP-SU-FA); benthic organisms k, scaup, goldeneye, and buffleheads; hooded, red breast
HABITAT: Concentration area for juve	enile fish, crustaceans, and benthic organisms; water	rfowl wintering area
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: Port Newark Face P	Pier (201) 963-7111	
COLLECTION POINTS:	, ,	
OTHER (RC):		
OTHER (NO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нівн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1000 ft
	WEDIOW [
OTHER (PS		

PRIORITY A	SENSITIVE ARE	A SUMMAR	Y DATE <u>11/20/98</u>
SITE # 60 MAP NUMBER:	NY-1, 2 SIT	E NAME: <u>Udall's Cove</u>	
USGS QUAD: Flushing, NY	NOAA CHART # 12	2366, 12364	River Mile: NOAA 12
NOAA ESI ATLAS <u>NY Harbor</u>	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	0	2 (212) 360-1417
3	3		3
SITE DESCRIPTION SITE AREA: 120 a	cres TIDAL RANGE 7	'-8 ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Southeast en	d of Little Neck Bay; Queens and	I Nassau Counties	
	•		
	st undeveloped tidal salt marshes e NY City metro area	in northern NY City on	Long Island; high concentrations of fish and wildlife a
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED TIE	DAL FLATS MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACH		<u> </u>
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAF	SHELTERED	ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPE	RING A SUMMER	A FALL A WINTER A
	; mammals, including muskrat, or		st bittern, green heron, and marsh wren; waterfowl, finfish, including flounder, striped bass, eel, and killifit
	salt marsh, and undeveloped uplic; striped bass and forage fish nu		ove Ravine); nesting area, migratory stopover, and
THREATENED/ ENDANGERED:			
OTHER (RR): Area is used for recreations	al activities including birdwatching	g, hiking, and nature stu	dy;\NY State Significant Coastal Habitat
RESPONSE CONSIDERATIONS	OWNERSHIP:	NYC Parks / New Yor	k State
ACCESS:			
VEHICLE			
BOAT X			
STAGING AREAS: USCG Station Ft. To	otten (M23) - (718) 352-4422		
COLLECTION POINTS:			
OTHER (RC):			
, ,			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PF	ROTECTIBILITY:	
DEFLECT	HIGH		
RECOVERY	LOW		
PROTECTION X	MEDIUM		MIN BOOM LENGTH750_ ft
OTHER (PS	Ь		

PRIORITY A	SENSITIVE AREA S	UMMARY DATE <u>11/20/98</u>
SITE # 61 MAP NUMBER:	NY-9,9b,12 SITE NAM	E: Lemon Creek
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12327, 13	2331 River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP# 4 L	ATITUDE 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 GEOGRAPHIC LOCATION: Raritan Bay / S	s TIDAL RANGE 5 - 6 outhern shore of Staten Island; Prince	ft MAX CURRENTS: kts s Bay
	eshwater marsh bisected by a meande ermittent stream	ring creek channel, bordered by a mixture of residential development
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS X MARSHES SHELTERED TIDAL FLATS X MAN-MADE STRUCTURES SHELTERED ROCKY SHORE
WILDLIFE: Birds, including wading birds amphibians, commercial and HABITAT: Only undisturbed tidal wetlar	, waterfowl, shorebirds, and passerine recreational fishes, invertebrates	A SUMMER A FALL A WINTER A species; only known colony of purple martins in NY City; mammals, f Staten Island, including a tidal freshwater marsh; breeding and feet or waterfowl
THREATENED/ ENDANGERED:		
OTHER (RR): NY State/City of NY conserv marina, fishing pier, and rest		ientific area; at mouth of creek is a commercial waterfront with boat
RESPONSE CONSIDERATIONS	OWNERSHIP: NY C	ty (southern 1/2)/NY State (north 1/2)
ACCESS: VEHICLE X BOAT X		
STAGING AREAS: Princess Bay / Saguir	ne Point	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTEC	TIBILITY:
DEFLECT X	нідн П	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft

PRIORITY A	SENSITIVE AREA	A SUMMARY	DATE <u>11/20/98</u>
SITE # 62 MAP NUMBER:	NY-2, 3 SITE	NAME: North Brother Island	
USGS QUAD: Central Park, NY	NOAA CHART # 123	339, 12342	River Mile: NOAA 12
NOAA ESI ATLAS NY Harbor	ESI MAP # 12	LATITUDE 40° 48' 00" NO	DRTH LONGITUDE 073° 54' 00" WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1 NYC DEP	1 Natural Resources	1 (718	3)595-6592
2 NYC Parks/Marc Matsil	2 Natural Resources	2 (212	2)360-1417
3	3	3	
SITE DESCRIPTION SITE AREA: 15 acre	es TIDAL RANGE 7	- 8 ft MAX CU	JRRENTS: 1.5 kts
GEOGRAPHIC LOCATION: East River, no	rthwest of Rikers Island		
PHYSICAL DESCRIPTION: Small uninhab	ited island, 0.2 nm long; mix of al	pandoned buildings and deciduo	us woods
SHORELINE EXPOSED ROCKY SHORES			. V. W. POUE
TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEACH	EXPOSED TIDAL FLATS	<u> </u>
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY S	<u> </u>
	-		
DESCUIDADA AT DIOK	NAL CONCIDED ATIONS OFF	INIO MA OLIMANED M. EAL	
		ING A SUMMER A FAL	
WILDLIFE: Birds, including egrets, blac	k-crowned night herons, herring g	ulls, great black-backed gulls, ar	id Canada geese
HABITAT: Rare, undisturbed upland er area	nvironment; productive breeding a	area for birds, especially colonial	waterbirds; migratory stopover and wintering
THREATENED/			
ENDANGERED:			
OTHER (RR): NY State Significant Coasta	ıl Habitat		
RESPONSE CONSIDERATIONS	OWNERSHIP:	City of New York	
ACCESS:			
VEHICLE			
BOAT X			
STAGING AREAS: Port Morris or Hunt's	Point, Bronx		
COLLECTION POINTS:			
OTHER (RC):			
OTHER (RO).			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PR	OTECTIBILITY:	
DEFLECT X	ніgн П		
RECOVERY X	LOW X		
PROTECTION	MEDIUM		MIN BOOM LENGTH ft
	WEDIOW _		
OTHER (PS			

SITE # 63	PRIORITY A	SENSITIVE AREA SUMI	MARY DATE <u>11/20/98</u>
RESPONSE CONSIDERATIONS	SITE # 63 MAP NUMBER:	NY-9, 9b SITE NAME: Mill	Creek, Staten Island
RESPONSE CONSIDERATIONS			
AGENCY/CONTACT	USGS QUAD: Arthur Kill, NY - NJ	NOAA CHART # 12331, 12327	River Mile:
NYCDEP	NOAA ESI ATLAS NY Harbor	ESI MAP # 4 LATITU	DE 40° 31' 15" NORTH LONGITUDE 074° 14' 30" WEST
2	AGENCY/CONTACT	EXPERTISE	PHONE
STEDESCRIPTION SITE AREA: TIDAL RANGE 5-6 ft MAX CURRENTS: kts STEDESCRIPTION STEAREA: TIDAL RANGE 5-6 ft MAX CURRENTS: kts	1 NYCDEP	1 Natural Resources	1 (718)595-6592
SITE DESCRIPTION SITE AREA: TIDAL RANGE 5-6 ft MAX CURRENTS: kis GEOGRAPHIC LOCATION: Arithur Kill / Southwest Staten Island / Totenville PHYSICAL DESCRIPTION: Tidal creek SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES SAND BEACHES SAND BEACHES SHELTERED TIDAL FLATS MARSHES MAN	2 NYC Parks	2 Natural Resources	2 (212)360-1417
SEOGRAPHIC LOCATION: Arthur Kill / Southwest Staten Island / Totenville PHYSICAL DESCRIPTION: Tidal creek SHORELINE EXPOSED ROCKY SHORES SAND BEACHES SAND BEACHES SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS SHAD BEACHES SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS SHELTERED TIDAL	3	3	3
PHYSICAL DESCRIPTION: Tidal creek SHORELINE EXPOSED ROCKY SHORES	SITE DESCRIPTION SITE AREA:	TIDAL RANGE 5-6 ft	MAX CURRENTS: kts
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS SHE	GEOGRAPHIC LOCATION: Arthur Kill / So	outhwest Staten Island / Totenville	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS SHE			
TYPE (ESI)	PHYSICAL DESCRIPTION: Tidal creek		
TYPE (ESI)	SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES X EXPO	OSED TIDAL ELATS X MARSHES X
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: Tottenville Marina (M41) - (718) 948-7520 COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH BOOM LENGTH 900 ft MIN BOOM LENGTH 900 ft	TYPE (ESI) WAVE CUT PLATFORMS	─	L—1
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 X STAGING AREAS: Tottenville Marina (M41) - (718) 948-7520 COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION MIN BOOM LENGTH 900 ft	FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHEL	TERED ROCKY SHORE
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 X STAGING AREAS: Tottenville Marina (M41) - (718) 948-7520 COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION MIN BOOM LENGTH 900 ft			
HABITAT: Tidal and freshwater marshes; tidal flats are feeding area for birds THREATENED/ ENDANGERED: OTHER (RR): Anchorage area RESPONSE CONSIDERATIONS OWNERSHIP: ACCESS: VEHICLE	RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SU	MMER FALL WINTER
THREATENED/ ENDANGERED: OTHER (RR): Anchorage area RESPONSE CONSIDERATIONS ACCESS: VEHICLE	WILDLIFE: Birds	_	
THREATENED/ ENDANGERED: OTHER (RR): Anchorage area RESPONSE CONSIDERATIONS ACCESS: VEHICLE			
THREATENED/ ENDANGERED: OTHER (RR): Anchorage area RESPONSE CONSIDERATIONS ACCESS: VEHICLE			
ENDANGERED: OTHER (RR): Anchorage area RESPONSE CONSIDERATIONS OWNERSHIP: ACCESS: VEHICLE	HABITAT: Tidal and freshwater marsh	es; tidal flats are feeding area for birds	
ENDANGERED: OTHER (RR): Anchorage area RESPONSE CONSIDERATIONS OWNERSHIP: ACCESS: VEHICLE			
OTHER (RR): Anchorage area			
RESPONSE CONSIDERATIONS ACCESS: VEHICLE	ENDANGERED:		
ACCESS: VEHICLE	OTHER (RR): Anchorage area		
ACCESS: VEHICLE			
VEHICLE BOAT X STAGING AREAS: Tottenville Marina (M41) - (718) 948-7520 COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW MEDIUM MIN BOOM LENGTH 900 ft	RESPONSE CONSIDERATIONS	OWNERSHIP:	
BOAT X STAGING AREAS: Tottenville Marina (M41) - (718) 948-7520 COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM MIN BOOM LENGTH 900 ft	ACCESS:		
STAGING AREAS: Tottenville Marina (M41) - (718) 948-7520 COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM MIN BOOM LENGTH 900 ft	VEHICLE		
COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM MEDIUM MIN BOOM LENGTH 900 ft	BOAT X		
COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM MEDIUM MIN BOOM LENGTH 900 ft	STACING AREAS: Tottopyillo Marina (M	144) (749) 049 7520	
PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH CRCOVERY CLOW CAN DECOME DEGREE OF PROTECTIBILITY: RECOVERY MEDIUM MEDIUM MIN BOOM LENGTH 900 ft	·	141) - (716) 946-7320	
PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM			
BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM	OTTER (RC).		
BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT X HIGH RECOVERY LOW PROTECTION X MEDIUM	PROTECTION STRATEGIES		
DEFLECT X HIGH		DEGREE OF PROTECTIBILIT	Y:
RECOVERY LOW PROTECTION X MEDIUM MIN BOOM LENGTH 900 ft			
PROTECTION X MEDIUM MIN BOOM LENGTH 900 ft		님	
		H	MIN BOOM LENGTH900_ ft
	OTHER (PS		

PRIORITY A	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/98</u>
SITE # 64 MAP NUMBER:	NY-10 SIT	E NAME: Breezy Poi	nt
USGS QUAD: Coney Island, NY-NJ	NOAA CHART # 12	2350, 12327	River Mile: NOAA 12
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 10	LATITUDE 40	<u>° 33' 00"</u> NORTH LONGITUDE <u>073° 56' 00"</u> 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 ac		5-6 ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Western tip of	Rockaway Peninsula, Queens C	County; part of Gatewa	ay National Recreation Area
PHYSICAL DESCRIPTION: Peninsula; ma	rine barrier beach with sparsely	vegetated dunes; also	o a small swale area with brackish wetlands
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAI	HES SHELTERED	MARSHES X D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE
WILDLIFE: Birds, including common ter American black duck, and p HABITAT: Feeding, breeding, and migr	asserine species; fish, including attention area for birds ers (Mar 15-Sep15) & least terns	catchers and killdeer), g striped bass, summe	A FALL A WINTER A migrating raptors (northern harriers and peregrine falcor r flounder, bluefish, mackerel, cod, scup, and tautog b) in NY State; peregrine falcons (fall/winter); northern
OTHER (RR): Significant research area			
RESPONSE CONSIDERATIONS	OWNERSHIP:	National Park Servic	e / Breezy Point Coop
	ay to exit 11S, cross Gil Hodges end (approx 3 miles). NPS hea		straight on Beach Channel Drive, then Rockaway Point den.
STAGING AREAS: USCG Station Rocka	way (M56) - (718)634-2848		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PI	ROTECTIBILITY:	
DEFLECT X	HIGH		
RECOVERY X PROTECTION	LOW X		MIN BOOM LENGTH 5000 ft

OTHER (PS

PRIORITY A	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/98</u>
SITE # 65 MAP NUMBE	R: <u>NY-1, 2</u> SIT	E NAME: Alley Creek	_
USGS QUAD: Flushing, NY	NOAA CHART # 1:	2366, 12364	River Mile: NOAA 12
NOAA ESI ATLAS NY Harbor	ESI MAP #17	LATITUDE 40°	9 46' 10" NORTH LONGITUDE 073° 45' 20" WEST
AGENCY/CONTACT	EXPERTISE		PHONE
1 NYC Parks	Natural Resources Grou	D	1 (212)360-1417\NYC Par
2	2	·	2
3	3		3
SITE DESCRIPTION SITE AREA: 225	acres TIDAL RANGE 7	<u>7 - 8</u> ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Southern e	nd of Little Neck Bay / north shore of	of Queens	
PHYSICAL DESCRIPTION: Tidal creek	channel; large tidal wetland habita	it is unusual in the Eas	t River and western Long Island Sound area
	, 3		Ç
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAI	—	DAL FLATS MARSHES X TIDAL FLATS X MAN-MADE STRUCTURES ROCKY SHORE
RESOURCES AT RISK SEAS	SONAL CONSIDERATIONS: SP	RING A SUMMER	A FALL A WINTER A
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 m	igratory stopover for bi	rds; feeding and wintering area for waterfowl and shore
THREATENED/ Northern harrier overwin ENDANGERED:	ter here; diamondback terrapin (occ	casional use)	
	astal Habitat; Alley Pond Park is op s received funding to restore 20 acro		on, education, and recreation area with 30,000 visitors ration begins 1995-1997
RESPONSE CONSIDERATIONS	OWNERSHIP:	NYC Parks / private	
ACCESS:			
VEHICLE			
BOAT X			
STAGING AREAS: USCG Station Ft.	Totten (M23) - (718) 352-4422		
COLLECTION POINTS:	10ttoff (W23) - (110) 332-4422		
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PI	ROTECTIBILITY:	
DEFLECT X	нідн П		
RECOVERY	LOW \square		
PROTECTION X	MEDIUM		MIN BOOM LENGTH 200 ft
OTHER (PS			

PRIORITY A	SENSITIVE ARE	A SUMMARY	DATE 11	/20/98
SITE # 66 MAP NUMBER:	NY-9, 9b SIT	E NAME: Island of Meado	ws	
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 1:	2331, 12327	River Mile:	
NOAA ESI ATLAS NY Harbor	ESI MAP# 4	LATITUDE 40° 34'	30" NORTH LONGITUDE	074° 12' 10" WEST
AGENCY/CONTACT	EXPERTISE	PHO	ONE	
1 NYC Dept of Sanitation	1 Engineering/Phil Gleaso		(212)837-8228	
2 NYC Parks	Natural Resources Grou		(212)360-1417	
3	3	3	(= 1=/000 1111	
SITE DESCRIPTION SITE AREA: 101 ac	cres TIDAL RANGE	5-6 ft M	IAX CURRENTS: kts	
	en Island, at the confluence of the			
PHYSICAL DESCRIPTION: Dredge spoil i bird rookery	sland with extensive areas of inte	ertidal and high marsh alono	g the northern and western s	hores; important wadi
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES	EXPOSED TIDAL		ES X
RANK	SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA		├	DE STRUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SP	RING A SUMMER A	FALL WINTER	¬
	ons, egrets, and ibises; gulls	THE PH COMMENT PH	17.22 LJ W.W.E.K L	_
Wading birds, including fice	ono, egreto, ana ibioco, gano			
LIADITAT: Important posting and food	ing area for wading hirde. Little [Track Killa (north of the inlar	ad) is a formits forming site	for immoture hirds
HABITAT: Important nesting and feedi	ing area for wading birds; Little F	restrictins (nottri of the islar	id) is a lavorite foraging site	for immature birds
THREATENED/ ENDANGERED:				
	bird rookeries within the Harbor I arks will be conducting extensive			it; NYC Dept of Sanita
RESPONSE CONSIDERATIONS	OWNERSHIP:	NYC Parks, NYC Dept of	Conitation	
	OWNERSHIF.	TITC Falks, NTC Dept of	- Samtation	
ACCESS:	/ Victory Blvd			
VEITIGEE L	7 Violoty Biva			
BOAT X				
	Terminal - (732) 541-5131			
COLLECTION POINTS:				
OTHER (RC): Entire shoreline fenc	ed			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF P	ROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW \square			
PROTECTION	MEDIUM		MIN BOOM LENGTH	ft
OTHER (PS				

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 68 MAP NUMBER:	NY-2, 3 SITE I	NAME: South Brother Island	
USGS QUAD: Central Park, NY	NOAA CHART # 1233	39, 12342	River Mile: NOAA 12
NOAA ESI ATLAS NY Harbor	ESI MAP # 12	LATITUDE 40° 47' 50" NO	DRTH LONGITUDE 073° 55' 50" WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1 NYC DEP	Natural Resources		3)595-6592
2 NYC Parks/Marc Matsil	2 Natural Resources	2 (212	2)360-1417
3	3	3	
	es TIDAL RANGE 7 - in st of Rikers Island ited island, 0.1 nm long, rocky and	_	URRENTS: 1.5 kts
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	X EXPOSED TIDAL FLATS S X SHELTERED TIDAL FLATS X SHELTERED ROCKY S	ATS MAN-MADE STRUCTURES
	ed night herons, great egrets, snov	NG A SUMMER A FAL wy egrets, cattle egrets, herring	L A WINTER A gulls, great black-backed gulls, double cres
	one of the most productive colonial at black-backed gulls; migrating a		ew York Metropolitan Region; principle nes
THREATENED/ ENDANGERED: OTHER (RR): NY State Significant Coasta	l Habitat		
RESPONSE CONSIDERATIONS	OWNERSHIP: C	City of New York	
ACCESS: VEHICLE BOAT X	<u>-</u>		
STAGING AREAS: Port Morris or Hunt's	Point, Bronx		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
PROTECTION STRATEGIES BOOM METHOD:	DEGREE OF PRO	TECTIBII ITV	
DEFLECT X	HIGH	TEOTIDIETT.	
RECOVERY X	LOW X		
PROTECTION	H		MIN BOOM LENGTH ft
	MEDIUM [
OTHER (PS			

PRIORITY A	SENSITIVE AREA SUMM	[ARY DATE <u>11/20/98</u>
SITE # 69 MAP NUMBER:	NY-1, 2 SITE NAME: Turtle	Cove
USGS QUAD: Flushing, NY	NOAA CHART # <u>12366, 12364</u>	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 East	tchester Bay / Bronx, on western Rodman Neck; p	part of Pelham Bay Park
PHYSICAL DESCRIPTION: Shallow cove Pelham Bay F		e large, relatively undisturbed tidal wetlands complex within
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES EXPOSI	ERED TIDAL FLATS ERED TIDAL FLATS ERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A SUMM	MER A FALL A WINTER A
	terfowl (numerous species), shorebirds, raptors, ar the NY State Heritage Program occupy the marsh	nd passerines; finfish and shellfish; invertebrates; twelve planareas of the Thomas Pell Wildlife Sanctuary
	tering area for birds comprised of high marsh, inter tions; nursery and feeding area for finfish and she	rtidal marsh, and salt flats; wetlands are used as a stopover
THREATENED/ Species in the area include ENDANGERED:	osprey, northern harrier, short-eared owl, and diam	mondback terrapin (occasional use)
OTHER (RR): NY State Significant Coasta Sanctuary, one of three leg	al Habitat; Pelham Bay Park is managed by NYC Fislated sanctuaries in NYC, contains the largest, m	Parks and used extensively by the public; Thomas Pell Wildles pristine salt water wetlands.
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: Ever Seaplane Base	and Marina (M21) - (718) 863-9111	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн П	
RECOVERY [LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUM	IMARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-9,9b,12 SITE NAME: M	t. Loretto
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12331, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 4 LATIT	UDE 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 / S	South shore of Staten Island, west of Princes	Ray
GEOGRAFING ECONTION. INAMEDIA 7 C	South Shore of Statem Island, west of Fillices	Бау
PHYSICAL DESCRIPTION: Beach, tidal m	arsh, pond	
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES X EXI	POSED TIDAL FLATS X MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS RANK		ELTERED TIDAL FLATS MAN-MADE STRUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHI	ELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A S	SUMMER A FALL A WINTER A
WILDLIFE: Birds, including shorebirds a	and waterfowl	
HABITAT: Feeding and overwintering a	rea for birds	
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Princess Bay / Saguin	ne Point	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	ITY:
DEFLECT X	нідн	
RECOVERY X	LOW	
PROTECTION	MEDIUM 🔲	MIN BOOM LENGTH 300 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 71 MAP NUMBER:	: 9 SITE NAME: Gatewa	y National Park
USGS QUAD: Staten Island	NOAA CHART #	River Mile:
Statell Island	<u> </u>	Niver Wille.
NOAA ESI ATLAS <u>NY HARBOR</u>	ESI MAP # LATITUDE	NORTH LONGITUDE WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1
3	3	3
		3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION:		
PHYSICAL DESCRIPTION:		
	П П	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		D TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHELTER	RED ROCKY SHORE
RESOURCES AT RISK SEASO	ONAL CONSIDERATIONS: SPRING SUMM	IER
WILDLIFE:		
HADITAT		
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн 🔲	
RECOVERY 🗍	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH 9500 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-7,8 SITE NAME: Liberty Sta	te 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: GEOGRAPHIC LOCATION: Upper New You	TIDAL RANGE 4 - 5 ft ork Bay / Jersey City; across from the Statue of Liberty	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: State Park, ap	proximately one mile by one mile, comprised of man-r	nade structures, riprap, and bulkhead
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTEREI	TIDAL FLATS X MARSHES X MAN-MADE STRUCTURES X D ROCKY SHORE
WILDLIFE: Finfish, including striped bas clams which are food for wa common mergansers (FA-W HABITAT: Nursery area for striped bas THREATENED/ENDANGERED: OTHER (RR):	terfowl; waterfowl, including canvasback, scaup, gold /I); mammals, including racoon, skunk, and red fox.	(SU); shellfish, including large quantities of soft shell eneye, and buffleheads; hooded, red breasted, and
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: Liberty State Park (7' COLLECTION POINTS: OTHER (RC):	OWNERSHIP:	
PROTECTION STRATEGIES		

PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 3500 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-8,9,9a SITE NAME:	Mariner's Marsh Embayment
USGS QUAD: Elizabeth, NJ - NY	NOAA CHART # 12333, 123	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 5 LA	TITUDE 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: GEOGRAPHIC LOCATION: Northwest corr	TIDAL RANGE 5 - 6 f	MAX CURRENTS: kts colland Avenue, north of Richmond Terrace
	d comprise freshwater marshes and pond COARSE SAND BEACHES SAND AND GRAVEL BEACHES	rsh, and ship/pier remains, backed by high marsh; abandoned EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE
WILDLIFE: Birds, including herons, egre		
RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT X	OWNERSHIP: City of N	ew York
"	(M43) - (718)442-8018	
PROTECTION STRATEGIES BOOM METHOD: DEFLECT X RECOVERY PROTECTION X	DEGREE OF PROTECTII HIGH	BILITY: MIN BOOM LENGTH 650 ft

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE	11/20/98
SITE # MAP NUMBER:	8 SITE N	IAME: Slater Park		
USGS QUAD: Elizabeth, NJ	NOAA CHART # 1233	3,12327	River Mile:	
NOAA ESI ATLAS <u>NY HARBOR</u>	ESI MAP #5	LATITUDE	NORTH LONGITUE	DE WEST
AGENCY/CONTACT	EXPERTISE		IONE	
2	1 2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft N	MAX CURRENTS:	kts
	115/12/1/1/02		WINTER CONTRICTION	N.O
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES	EXPOSED TIDA	—	SHES
RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	SHELTERED TIL SHELTERED RO	⊢	-MADE STRUCTURES
	NAL CONSIDERATIONS: SPRIN	G SUMMER	FALL WINTE	R 🗌
WILDLIFE:				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	ніGн			
RECOVERY	LOW _		MIN BOOM LENG	STH 300 ft
PROTECTION X OTHER (PS	MEDIUM		233 2210	
OTHER (FS				

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 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 / FI	lushing, Queens; adjacent to La Guardia Airport	
PHYSICAL DESCRIPTION: Berm with adja	acent tidal flats and tidal wetlands; grasslands	
 	7	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		D TIDAL FLATS MARSHES X RED TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES		RED ROCKY SHORE
DESCUIDOES AT DISK	NAL CONCIDEDATIONS OPPING A CUMM	
	NAL CONSIDERATIONS: SPRING A SUMME	ER A FALL A WINTER A
WILDLIFE: Birds		
l		
HABITAT: Feeding, migratory and wint	ering area for birds	
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Port Authority / N	VC Parke
ACCESS:	- Tott Additionty / N	
	hannel to the east, depth = 14 feet; anchorage sout	h, depth = 5 feet
BOAT X		
STAGING AREAS: La Guardia Airport		
COLLECTION POINTS:		
OTHER (RC):		
OTTER (RC).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн П	
RECOVERY	Low \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1200 ft
_	WEDIOW	
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-1, 2 SITE NAME: Palmer In	llet
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 12363	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP# 17 LATITUDE 4	0° 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	
SHODELINE EXPOSED BOOKY SHORES		TIDAL FLATS MARSHES XI
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	⊣	TIDAL FLATS MARSHES X ED TIDAL FLATS X MAN-MADE STRUCTURES
RANK FINE SAND BEACHES		ED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUMME	R A FALL A WINTER A
	NAL CONSIDERATIONS. SPRING A SUMME	R A PALL A WINTER A
WILDLIFE: Birds, shellfish, finfish		
HADITAT: Fooding and automatic process	la factionista la casa di caracteria de la constitución de la constitu	for hinder, about the heads
HABITAT: Feeding and nursery ground	ds for finfish; breeding, migrating, and wintering area	tor birds; snelifish beds
TUDE ATENER/		
THREATENED/ ENDANGERED:		
OTHER (RR): Historic fishing wier at mouth	h of inlet: NYC Parks Natural Resources Group and	the Gaia Institute are currently conducting salt marsh
restoration projects in this ar	•	the Gala mentale are carreinly contacting can maren
RESPONSE CONSIDERATIONS	OWNERSHIP: Private	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Ever Seaplane Base	and Marina (M21) - (718) 863-9111	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	ніGH	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 2400 ft
OTHER (PS	- Ц	
J TILIT (I O		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-13 SITE NAME: Shark Riv	ver
USGS QUAD: Asbury Park, NJ	NOAA CHART # 12324, 12326	River Mile:
NOAA ESI ATLAS <u>DE/NJ/PA</u>	ESI MAP# 58 LATITUDE 4	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	
	frowned river valley, tidally driven through Shark Riv saltmarsh rings the area	er Inlet; southern side is primarily small bluffs and banks;
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES X EXPOSED	TIDAL FLATS X MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACHES SHELTERI	ED TIDAL FLATS X MAN-MADE STRUCTURES X
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP X SHELTERI	ED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUMME	R A FALL A WINTER A
WILDLIFE: Shellfish, incl. hard clams, lo	—	ding winter flounder, y-o-y bluefish & weakfish; waterfowl,
including mallard, black duc		ot, C. Geese, mute swans, canvasback, scaup, gadwalls, {
bullierleads, common, nood	ed, & red breasted mergansers, migr. pintalis and w	ngeon, mammais
HABITAT: Nursery area for finfish; nes pintails and wigeon (Oct-Ma		n water area for mergansers (FA-WI); migratory route for
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: Hamptons and Haver	n, Belmar	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	HIGH	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 375 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 80 MAP NUMBER:	NY-13 SITE NAME: Manasqua	an River
USGS QUAD: Point Pleasant, NJ	NOAA CHART # 12324, 12323	River Mile:
NOAA ESI ATLAS <u>DE/NJ/PA</u>	ESI MAP #57 LATITUDE _4	0° 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: GEOGRAPHIC LOCATION: Atlantic Ocean	TIDAL RANGE 5-6 ft / southern Monmouth County, NJ; Manasquan	MAX CURRENTS: kts
	COARSE SAND BEACHES SAND AND GRAVEL BEACHES SHELTERE	Manasquan Inlet; area has large numbers of marinas, an TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES X ED ROCKY SHORE
WILDLIFE: Shellfish, incl. hard and soft waterfowl, including mallard gadwalls, & buffleheads; con	clams; finfish, incl. summer flounder, bluefish, weakt	ducks, coot, C. Geese, mute swans, canvasback, scaup, ntails and wigeon; mammals
	tory route for pintails and wigeon (Oct-Mar)	
OTHER (RR): Western end is bordered by	a wildlife management area	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X		
STAGING AREAS: Fishermans Cove COLLECTION POINTS: OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD: DEFLECT X RECOVERY	DEGREE OF PROTECTIBILITY: HIGH	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 450 ft

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 81 MAP NUMBER:	NY-10 SITE NAME: Dead I	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 Ja	amaica Bay / west of Floyd Bennett Field, Brooklyr	n;\Gateway National Recreation Area
	Bay consists of extensive mudflats and marsh, whil cent to intertidal and high marsh	le Gerritsen Creek (Marine Park) is a combination of short gr
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ERED TIDAL FLATS X MARSHES X ERED TIDAL FLATS MAN-MADE STRUCTURES ERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A SUMI	MER A FALL A WINTER A
WILDLIFE: Diamondback terrapin; bird	ds, including wintering harrier, wintering short-eare	ed owl, and common and little terns
HABITAT: Feeding and nesting area for	or terns	
THREATENED/		
ENDANGERED:		
OTHER (RR): Gateway NRA is a federally	r protected area	
RESPONSE CONSIDERATIONS	OWNERSHIP: National Park S	Service
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Venice Yacht Club (N	M33) - (718) 646-2640\Barren Island Marina (M34)) - (718) 338-4200
COLLECTION POINTS:	viss) - (7 10) 040-2040 Dairen Island Manna (MS4)) - (110) 330 -4 200
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн П	
RECOVERY X	Low \square	
PROTECTION	MEDIUM	MIN BOOM LENGTH 2700 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 82 MAP NUMBER:	NY-10 SITE NAME: M	lill Basin / Four Sparrows Marsh
USGS QUAD: Coney Island, NY-NJ	NOAA CHART # 12350, 12326	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP # 10 LATIT	TUDE 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 acr	es TIDAL RANGE 5-6 ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: West Jamaica	a Bay / Brooklyn; north of Floyd Bennett Field	l; \Flatbush Ave. and Avenue U
		•
PHYSICAL DESCRIPTION: Wetlands at e	ntrance to basin and on eastern shore of Eas	t Mill Basin; Four Sparrows Marsh is a 40 acre intertidal marsh
SHORELINE EXPOSED ROCKY SHORES	→ ⊢	POSED TIDAL FLATS X MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	→	ELTERED TIDAL FLATS MAN-MADE STRUCTURES X
FINE SAND BEACHES	X GRAVEL BEACHES/RIPRAP SH	ELTERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A S	SUMMER A FALL A WINTER A
WILDLIFE: Birds, including clapper rail.	, black-crown night heron, and green-backed	heron
HABITAT: Feeding, migratory and win	tering area for birds	
THREATENED/		
ENDANGERED:		
OTHER (RR): Area east of Belt Parkway i	s Gateway NRA, which is a federally protecte	d area
RESPONSE CONSIDERATIONS	OWNERSHIP: National Pa	ark Service (east of Belt Parkway)
ACCESS:		-
VEHICLE		
BOAT X		
STAGING AREAS: Bergen Beach Yacht	: Club (M6) - (718) 251-9792\	
COLLECTION POINTS:	(1.0) (1.0) 20.00	
OTHER (RC):		
OTTER (NO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	JTY:
DEFLECT X	нідн П	
RECOVERY	Low \square	
I H		MIN BOOM LENGTH 1300 ft
PROTECTION X	MEDIUM [_]	<u></u> II
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>
SITE # 83 MAP NUMBER:	NY-1, 2 SITE NAME: Hutc	hinson River
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 12364	River Mile: NOAA 12
NOAA ESI ATLAS NY Harbor	ESI MAP # 17 LATITUE	DE 40° 51' 40" NORTH LONGITUDE 073° 48' 50" WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks/Marc Matsil	Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: 475 ac	eres* TIDAL RANGE 7 - 9 ft	MAX CURRENTS: 0.8 kts
GEOGRAPHIC LOCATION: Northern Easte	chester Bay / Bronx; part of Pelham Bay Park	
	• • • •	
PHYSICAL DESCRIPTION: Large, relative Bay)	ly undisturbed tidal wetlands complex on the ea	stern shore of the Hutchinson River (*including upper Eastche
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK		SED TIDAL FLATS MARSHES X TERED TIDAL FLATS X MAN-MADE STRUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHEL	TERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUI	MMER A FALL A WINTER A
State Heritage Program occ		and passerines; twelve plants species considered rare by the lary; finfish and shellfish (incl. striped bass, bluefish, A. vertebrates, mammals
	ering area for birds comprised of high marsh, intover during spring and fall migrations; nursery a	pertidal marsh, and salt flats on the eastern shore of the river; and feeding area for finfish.
THREATENED/ Osprey, northern harrier, sh ENDANGERED:	ort-eared owl, diamondback terrapin (occasiona	l use)
	Il Habitat; Pelham Bay Park is managed by NYO slated sanctuaries in NYC, contains the largest,	C Parks and used extensively by the public; Thomas Pell Wild most pristine salt water wetland.
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Ever Seaplane Base	and Marina (M21) - (718) 863-9111	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES	DEODE- 0- 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	,
BOOM METHOD:	DEGREE OF PROTECTIBILITY	Y:
DEFLECT X	HIGH [
RECOVERY	LOW	MINI POOM I FNOTU
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1200 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUN	MMARY DATE <u>11/20/98</u>
SITE # 84 MAP NUMBER:	NY-1, 2 SITE NAME:	Pelham Lagoon
USGS QUAD: Flushing & Mt. Vernon, NY	NOAA CHART # 12366, 1236	River Mile: NOAA 12
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #17,18 LAT	TUDE 40° 53' 00" NORTH LONGITUDE 073° 47' 30" WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1 NYC Parks/Marc Matsil	Natural Resources Group	1 (212)360-1417
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: 275 acc	res TIDAL RANGE 7 - 9 ft n Bay Park, north shore	MAX CURRENTS: kts
	within Pelham Bay Park COARSE SAND BEACHES SAND AND GRAVEL BEACHES SI	remains in essentially natural condition; one of two major coastal KPOSED TIDAL FLATS MARSHES MAN-MADE STRUCTURES HELTERED ROCKY SHORE X
WILDLIFE: Birds, including herons, water HABITAT: Breeding, wintering, migrating finfish/shellfish; major staging THREATENED/ENDANGERED: Diamondback terrapin have extensively; other bird species.	erfowl, shorebirds, raptors, and passerine being, and feeding area with rocky intertidal shig area for fall migrating osprey; the lagoon been regularly observed during spring and es frequent the area	ore and small areas of marsh and sand beach; nursery area for
RESPONSE CONSIDERATIONS ACCESS:	OWNERSHIP: NYC Park	KS
VEHICLE X		
STAGING AREAS: Wright Island Marinas COLLECTION POINTS: OTHER (RC):	s (M17) (914) 235-8013	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIB	LITY:
DEFLECT X	ніgн П	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH1600_ ft

PRIORITY A	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/98</u>
SITE # <u>85</u> MAP NUMBER:	NY-1, 2 SIT	E NAME: Hunter and	Twin Islands
USGS QUAD: Flushing & Mt. Vernon, NY	NOAA CHART # 12	2366, 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	p	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 B	Bay Park, northeasterr	n extent
PHYSICAL DESCRIPTION: Rocky intertidate Hunter/Twin Is		Twin Islands, and rock	ky shoreline, tidal flats, and tidal marsh vegetation of
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED T	
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAF		D TIDAL FLATS X MAN-MADE STRUCTURES D ROCKY SHORE X
			
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPI	RING SUMMER	☐ FALL ☐ WINTER ☐
WILDLIFE:		- Ц	
HABITAT: Rocky shoreline and support	rted biotic community are conside	ered rare by the State	of New York
THREATENED/ Osprey utilize adjacent Pelh ENDANGERED:	nam Lagoon; other species in the	e area include diamon	dback terrapin, northern harrier, and short-eared owl
			s and used extensively by the public; Hunter Island Mar
Geology-Zoology Sanctuary	is one of three legislated wildlife	e sanctuaries in New Y	ork City.
RESPONSE CONSIDERATIONS	OWNERSHIP:	City of New York	
ACCESS:			
VEHICLE			
BOAT X			
STAGING AREAS: Wright Island Marinas	s (M17) (914) 235-8013		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PF	ROTECTIBILITY:	
DEFLECT X	HIGH		
RECOVERY	LOW		
PROTECTION X	MEDIUM		MIN BOOM LENGTH 800 ft
OTHER (PS			

PRIORITY A	SENSITIVE AREA	A SUMMARY	DATE	11/20/98
SITE # 86 MAP NUMBER:	NY-10 SITE	NAME: Plumb Beach		
USGS QUAD: Coney Island, NY-NJ	NOAA CHART # 123	350, 12327	River Mile:	NOAA 12
NOAA ESI ATLAS NY Harbor	ESI MAP # 10	LATITUDE 40° 34' 5	NORTH LONGITUD	DE <u>073° 55' 00"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHO	ONE	
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 M	AX CURRENTS:	kts
GEOGRAPHIC LOCATION: Entrance to Ja	maica Bay / west of Dead Horse	Bay, south of Belt Parkway	/;∖Gateway National Rec	reation Area
PHYSICAL DESCRIPTION: Area of extens	ive (>1/4 mile wide) mudflats, coa	astal dunes, intertidal mars	h, and panne communiti	es; grasslands
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEACH	EXPOSED TIDAL		SHES X -MADE STRUCTURES X
RANK FINE SAND BEACHES		SHELTERED ROO		WADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPR	ING A SUMMER A	FALL A WINTER	₹ A
WILDLIFE: Feeding and (potential) nest sandpipers, and sanderlings	ing common and little terns; migi ; horseshoe crabs	rating shorebirds, including	ruddy turnstones, least	and semi-palmated
HABITAT: The Plumb Beach shoreline shorebirds feed extensively	is the most intensively used nest on horseshoe crab eggs	ing site for horseshoe crab	s in the Manhattan Hills	ecological region; migrat
THREATENED/ Peregrine falcon; wintering ENDANGERED:	spotted redshank (Eurasian visito	r)		
OTHER (RR): Gateway NRA is a federally	protected area			
RESPONSE CONSIDERATIONS	OWNERSHIP:	National Park Service		
ACCESS:				
VEHICLE				
BOAT X				
, ,	rina (M2) - (718) 891-0991 / (718)	891-3359 (night)\Barren Is	sland Marina (M34) - (71	8) 338-4200
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
ВООМ МЕТНОД:	DEGREE OF PR	OTECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENG	TH ft

PRIORITY A	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>
SITE # 87 MAP NUMBER:	12 SITE N	AME: Sandt Hook	k Beach
			51
USGS QUAD:	NOAA CHART #		River Mile:
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE WEST
AGENCY/CONTACT	EXPERTISE		PHONE
1	1		1
3	3		3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	_ ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION:			
PHYSICAL DESCRIPTION:			
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	□ EXPOSED T	IDAL FLATS MARSHES M
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACHES	SHELTERED	O TIDAL FLATS MAN-MADE STRUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED	O ROCKY SHORE
DECOURCES AT DISK	NAL CONCIDEDATIONS. CODING		
RESOURCES AT RISK SEASOI WILDLIFE:	NAL CONSIDERATIONS: SPRING	3 M SOMIMER	FALL WINTER
- Triangle - Control - Con			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:	_		
VEHICLE X			
воат			
STAGING AREAS: USCG STATION SAI	NDY HOOK (732)872-3428		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:	
DEFLECT X	HIGH		
RECOVERY [LOW		
PROTECTION X	MEDIUM		MIN BOOM LENGTH ft
OTHER (PS			

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 88 MAP NUMBER:	NY-1, 2 SITE NAME: City Island	d Marsh
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 12364	River Mile: NOAA 12
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #17	0° 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 Ba	ay / western shore of City Island, Bronx; between Dit	mars Street and Bowne Street
SECONO IN ELECTRICAL	ay / wooden onore or only island, bronx, between bit	and officer and bowns officer
PHYSICAL DESCRIPTION: Area of high m	narsh and intertidal marsh; very healthy	
_	_	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	-	TIDAL FLATS MARSHES X ED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	⊣	ED ROCKY SHORE
DECOLIDED AT DICK	NAL CONCIDERATIONS. CORNING A CHAME	D D SALL D WINTED D
RESOURCES AT RISK SEASON WILDLIFE: Birds	NAL CONSIDERATIONS: SPRING A SUMME	R A FALL WINTER
WILDLIFE. Blius		
HABITAT: Feeding area for birds; only	tidal wetland of any size on City Island	
r coaing area for Brids, only	riddi welland of any size on only island	
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT X		
		(1110) (010) 007 0107
, i	and Marina (M21) - (718) 863-9111\City Island Harbo	or (M18) - (212) 885-2487
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
_	215	
OTHER (PS		

PRIORITY A	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>	
SITE # 89 MAP NUMBER:	NY-2 SITE NAME:	Westchester Creek	
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 123	River Mile: NOAA 12	
NOAA ESI ATLAS NY Harbor	ESI MAP #	TITUDE 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	t MAX CURRENTS: kts	
GEOGRAPHIC LOCATION: East River / Bro	onx, near the Whitestone Bridge; east of	Unionport	
PHYSICAL DESCRIPTION: Shallow creek	with tidal flats, marshes, and wreck debris	near mouth	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS MARSHES SHELTERED TIDAL FLATS X MAN-MADE STRUCT SHELTERED ROCKY SHORE	X URES X
	IAL CONSIDERATIONS: SPRING A	SUMMER A FALL WINTER	
WILDLIFE: Birds			
HABITAT: Feeding area for birds; wetle	ands run along the western shore of the c	reek to the Cross Bronx Expressway	
	-	· · ·	
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:	dredged to 7 feet\Ferry Point Park / Zereg	Avenue / Prueb Avenue	
VET 11022	ureuged to 7 reettrerry Form Fank / Zeret	a Avenue / Diusii Avenue	
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROTECTI	BILITY:	
DEFLECT X	HIGH		
RECOVERY [LOW		
PROTECTION X	MEDIUM	MIN BOOM LENGTH1500 ft	İ
OTHER (PS			

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 90 MAP NUMBER:	NY-2 SITE NAME: Pugsley C	reek
USGS QUAD: Flushing, NY	NOAA CHART # 12339, 12363	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 17 LATITUDE 40	0° 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 / B	ronx, just north of Clason Point; west of the Whitestor	ne Bridge
PHYSICAL DESCRIPTION: Non-navigable	e creek with tidal flats and wetlands backed by high ma	arsh
 	7	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		TIDAL FLATS MARSHES X D TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES		D ROCKY SHORE
	<u> </u>	
		П П
	NAL CONSIDERATIONS: SPRING A SUMMER	R A FALL WINTER L
WILDLIFE: Birds		
HABITAT: Feeding area for birds; imp	portant, expanding wetland area consisting of high and	low marsh
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X Gilderslee	ve Avenue and Betts Avenue, or Castle Hill Avenue ar	nd Hart Street\
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES	DEODEE OF DROTEOTIBLITY	
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	HIGH [
RECOVERY	LOW	MIN BOOM LENGTH 600 ft
PROTECTION X	MEDIUM [WIIN BOOM LENGTH 600 IT
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>
SITE # 91 MAP NUMBER:	NY-2 SITE NAME: Flus	hing Creek
USGS QUAD: Flushing, NY	NOAA CHART # 12339, 12363	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP #17 LATITUE	DE 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	d of Flushing Bay / Queens	
PHYSICAL DESCRIPTION: Navigable cree	ek with tidal flats and tidal wetlands	
 	7	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		SED TIDAL FLATS MARSHES X TERED TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES		TERED ROCKY SHORE
DECOURAGE AT DIGIT		
	NAL CONSIDERATIONS: SPRING A SUI	MMER A FALL A WINTER A
WILDLIFE: Birds, invertebrates		
HABITAT: Feeding, migratory and wint	tering area for birds	
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X Creek entr	rance dredged to 13 feet	
BOAT X		
STAGING AREAS: Flushing Meadows -	Corona Park\	
COLLECTION POINTS:	Colona Fanti	
OTHER (RC):		
OTHER (RC).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY	y.
		1.
DEFLECT	HIGH U	
RECOVERY	LOW	MIN BOOM LENGTH 400 ft
PROTECTION X	MEDIUM [_]	WIIN DOOM LENGTH 400 R
OTHER (PS		

PRIORITY A	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/98</u>
SITE # 93 MAP NUMBER:	NY-8,9,9a SIT	E NAME: Bridge Cree	ek
USGS QUAD: Elizabeth, NJ - NY	NOAA CHART# 1:	2333, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 5	LATITUDE 40°	38' 30" NORTH LONGITUDE 074° 11' 00" WEST
AGENCY/CONTACT	EXPERTISE		PHONE
1 NYC DEP	Natural Resources		1 (718)595-6592
2 NYC Parks	Natural Resources		2 (212)360-1417
3	3		3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE 5	5 - 6 ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Northwest corr	ner of Staten Island / Port Ivory;	northeast of Howland	Hook Terminal;\Richmond Terrace and Western Avenu
	into the confluence of the Arthund mudflats; wetlands upstream		small island of intertidal marsh at mouth, with coastal
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	☐ EXPOSED T	IDAL FLATS X MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEAC	—	TIDAL FLATS MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAI		ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SP	RING A SUMMER	A FALL A WINTER A
		-	
WILDLIFE: Birds, including herons, egre	ets, black ducks, pheasants, wat	eriowi, and shorebilds	
HABITAT: Tidal wetlands, tidal flats, tid	lal / freshwater ponds; feeding a	area for birds	
THREATENED/ Peregrine falcon ENDANGERED:			
OTHER (RR): NYC Parks is conducting an	extensive marsh restoration pro	oject in this area	
RESPONSE CONSIDERATIONS	OWNERSHIP:	NY City; leased to P	ort Authority of NY/NJ
ACCESS:			<u> </u>
VEHICLE			
BOAT X			
STAGING AREAS: Elizabeth Marina (M1) - (908) 820-4296		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PI	ROTECTIBILITY:	
DEFLECT X	HIGH		
RECOVERY	LOW		
PROTECTION X	MEDIUM		MIN BOOM LENGTH 400 ft
OTHER (PS	Ь		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 94 MAP NUMBER:	NY-9 SITE NAME: Oakwood	d Beach
USGS QUAD: The Narrows, NY-NJ	NOAA CHART # 12402, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP# 7 LATITUDE 4	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 Area	/ Southeast shore of Staten Island, just northeast or	f Great Kills Harbor; part of the Gateway National Recreati
PHYSICAL DESCRIPTION: Beach, park, fr	resh water wetlands, artificial dunes	
<u> </u>	_	_
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS MARSHES X ED TIDAL FLATS MAN-MADE STRUCTURES ED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUMME	ER A FALL A WINTER A
WILDLIFE: Birds		
HABITAT: Overwintering, breeding, fee	eding area for birds	
THREATENED/ Marsh wren ENDANGERED:		
OTHER (RR):		
STILK (KK).		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:	OWNERSHIF.	
VEHICLE X		
BOAT X		
STAGING AREAS: Princes Bay / Seguine	e Point	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH 🔲	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>
SITE # 95 MAP NUMBER:	NY-9,9b,12 SITE NAME: Wolf	e's Pond Park
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12331, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 4 LATITUE	DE 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
3	3	3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE 5-6 ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Raritan Bay / S	South shore of Staten Island; east of Princess E	Bay / Seguine Point
PHYSICAL DESCRIPTION: Park with swar	mps, fresh water ponds, and a narrow beach	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	-	SED TIDAL FLATS X MARSHES TERED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	-	TERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUI	MMER FALL WINTER
WILDLIFE: Birds, amphibians		
HABITAT: Feeding area for least terns		
THREATENED/ Least tern (NYS listed) ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
воат		
STAGING AREAS: Princess Bay / Segui	ne Point	
COLLECTION POINTS:		
OTHER (RC):		
OTHER (RO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY	/ ·
	нівн П	••
I	片	
RECOVERY U	LOW	MIN BOOM LENGTH ft
PROTECTION X	MEDIUM [MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA S	UMMARY DATE <u>11/20/98</u>
SITE # 96 MAP NUMBER:	NY-10 SITE NAM	E: Motts Basin
USGS QUAD: Far Rockaway, NY	NOAA CHART #12350, 1	2326 River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #15	ATITUDE 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 Jamaid	ca Bay / Far Rockaway; Queens and N	Jassau counties
	,	
PHYSICAL DESCRIPTION: Small, navigab	le cove with tidal wetlands and tidal fla	s; upland oak forest
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS MARSHES X SHELTERED TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPRING	A SUMMER A FALL A WINTER A
WILDLIFE: Birds, including shorebirds, v		A SOMMER A FALL A WINTER A
TATE DE LA COMPANIA DEL COMPANIA DE LA COMPANIA DE LA COMPANIA DEL COMPANIA DE LA COMPANIA DEL COMPANIA DE LA COMPANIA DEL COMPANIA DE LA COMPANIA DEL COMPANIA DE LA COMPA	vateriowi, and wading birds	
HABITAT: Feeding and resting area for	birds	
THREATENED/		
ENDANGERED:		
OTHER (RR): Near NY City park, State pre	serve; Battery Road wetlands are city	owned
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: Pinson Street, Battery	Road, Beach Channel Drive	
COLLECTION POINTS:	Road, Beach Chainer Drive	
OTHER (RC):		
STILLY (IXO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTEC	TIBILITY:
DEFLECT	нідн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY A S	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
SITE # 97 MAP NUMBER:	NY-10 SITE NAME:	Dubos Point
USGS QUAD: Far Rockaway, NY	NOAA CHART # 12350, 1232	6 River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #15	TITUDE 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 a	cres TIDAL RANGE 5 - 6 ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Eastern Jamaic Street	ca Bay / Arverne, Rockaway; south of Jo	Co Marsh, along Grass Hassock Channel; Decosta Avenue and 63
PHYSICAL DESCRIPTION: Peninsula with landfill	marsh shoreline fronted by small tidal flats	and numerous pilings; NY City preserve; adjacent to old sanitary
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES S	XPOSED TIDAL FLATS MARSHES X HELTERED TIDAL FLATS X MAN-MADE STRUCTURES HELTERED ROCKY SHORE
	IAL CONSIDERATIONS: SPRING A	SUMMER A FALL A WINTER
WILDLIFE: Birds, including common terr	ns and brant; turties	
HABITAT: Breeding area for diamondba	ack terrapin; breeding area for birds	
THREATENED/ Northern harrier (NYS threat ENDANGERED:	ened)	
OTHER (RR): NY City preserve		
RESPONSE CONSIDERATIONS	OWNEDOLUD ANY O'	
	OWNERSHIP: NY City	
ACCESS: VEHICLE X Road or trai	il to Dubos Point	
STAGING AREAS: Decosta Avenue and	65th Street	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIE	ILITY:
DEFLECT X	нідн	
RECOVERY	LOW Π	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	···	

PRIORITY A	SENSITIVE AREA	ABUMMAN		11/20/98
SITE # 98 MAP NUMBER:	NY-10 SITE	E NAME: Vernam-Barl	badoes Peninsula	
USGS QUAD: Far Rockaway, NY	NOAA CHART # 12	350, 12326	River Mile:	
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #15	LATITUDE 40°	35' 40" NORTH LONGITU	DE <u>073° 48' 25"</u> WEST
AGENCY/CONTACT	EXPERTISE	I	PHONE	
1 NYC DEP	1 Natural Resources		1 (718)595-4365	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: 15 acr	res TIDAL RANGE	ft	MAX CURRENTS:	kts
GEOGRAPHIC LOCATION: Southern shot and 75th Stree	re of Jamaica Bay / Arverne; just et	east of RR bridge, bet	ween the Vernam and Barb	adoes Basins; Amstel Blvc
PHYSICAL DESCRIPTION: Sandy beach	peninsula with wetlands, shrub, a	nd grasslands; pilings	and other obstructions surr	ound the peninsula
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACH X GRAVEL BEACHES/RIPRAP	· H		RSHES X N-MADE STRUCTURES X
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPR	RING A SUMMER	A FALL A WINTE	R A
WILDLIFE: Wading birds				
HABITAT: Heron rookery; tip of penin	sula is pristine vegetated low and	high tidal marshes		
TICION TOOKETY, up of perior	sala is pristine regetated low and	mgn tidal maisnes		
THREATENED/ ENDANGERED:				
OTHER (RR):				
OTTEN (IXIV).				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
воат П				
STAGING AREAS: Amstel Blvd and 75tl	h Street			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PR	OTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LEN	GTH ft
OTHER (PS				

PRIORITY A	SENSITIVE ARE	A SUMMAI	RY DATE 1	1/20/98
SITE # 99 MAP NUMBER:	NY-10 SIT	E NAME: Paerdegat	Basin	
USGS QUAD: Coney Island/Brooklyn, NY	NOAA CHART # 1:	2350, 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	3
GEOGRAPHIC LOCATION: North shore of	Jamaica Bay / Brooklyn; betwe	en Bergen Beach and	Canarsie	
PHYSICAL DESCRIPTION: Navigable inle	t with sandy beach and tidal flats	s at the mouth		
	7	П -уроогр т	"B.U. 5' A.TO	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEAC	EXPOSED T	L-1	HES X ADE STRUCTURES X
RANK FINE SAND BEACHES		—	ROCKY SHORE	
RESOURCES AT RISK SEASOI	NAL CONSIDERATIONS: SP	RING A SUMMER	A FALL A WINTER	A
WILDLIFE: Shorebirds and waterfowl;		e <u>F.</u> ee	M TALL M WINTER	<u> </u>
HABITAT: Feeding area for migrating a	and wintering shorebirds and wa	terfowl; nursery area f	or fish	
	•	•		
THREATENED/				
ENDANGERED:				
OTHER (RR): Area east of Belt Parkway is	s the Gateway NRA, which is a f	ederally protected area	a	
RESPONSE CONSIDERATIONS	OWNERSHIP:	NPS (east of Belt Pa	ırkway)	
ACCESS:				
VEHICLE X Bergen and	d Paerdegat Avenues			
BOAT X				
STAGING AREAS: Diamond Point Marin	a (M35) - (718) 444-7700			
COLLECTION POINTS:	a (ee) (e) e			
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF P	ROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY [LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTI	H 500 ft
OTHER (PS				

PRIORITY A	SENSITIVE AREA SU	MMARY DATE11/20/98
SITE # 100 MAP NUMBER:	NY-10 SITE NAME:	Fresh Creek
USGS QUAD: Brooklyn, NY	NOAA CHART # 12350, 123	26 River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP# 11 LA	TITUDE 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 navig	able tidal creek with sand and marsh shor	eline; tidal flats at mouth
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A	SUMMER A FALL A WINTER A
WILDLIFE: Shorebirds and waterfowl;	_	J SOMMEN PA TALL PA WHATEN PA
	,	
HABITAT: Feeding area for migrating a	and wintering shorebirds and waterfowl; n	ursery area for fish
Todaing area for migrating a	and wintering shorebilds and wateriowi, in	ursery area for fish
THREATENED/ ENDANGERED:		
	a the Cotovey NDA which is a foderally a	votested avec
OTHER (RR): Area east of Belt Parkway is	s the Gateway NRA, which is a federally p	rotected area
RESPONSE CONSIDERATIONS	OWNERSHIP: NPS (ea	ast of Belt Parkway)
ACCESS:		
VEHICLE X Flatlands A	Avenue, E. 108th St., Louisiana Ave	
BOAT X		
STAGING AREAS: Diamond Point Marin	a (M35) - (718) 444-7700	
COLLECTION POINTS:		
OTHER (RC):		
omen (no).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTI	BILITY:
DEFLECT	ніgн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
	MEDIOWI L	
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 101 MAP NUMBER:	NY-10 SITE NAME: Spring C	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	f Jamaica Bay / Brooklyn and Queens; Spring Creel	k Park (NYC)\Gateway National Recreation Area (NPS)
	and Ralph Creek feed into Old Mill Creek, which is a both high and low marsh	non-navigable tidal creek with marsh shorelines and tidal
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS EED TIDAL FLATS EED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES
WILDLIFE: Birds, including shorebirds at HABITAT: Feeding and resting area for nursery area for fish THREATENED/ ENDANGERED: Osprey		sible breeding area for clapper rail; feeding area for ospre
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks/Nation	nal Park Service/Private
BOAT X	and Flatlands Avenues, Belt Parkway	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 500 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 103 MAP NUMBER:	NY-10 SITE NAME: H	ook Creek
USGS QUAD: Lynbrook, NY	NOAA CHART # 12350, 12326	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP # N/A LATIT	UDE 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 Ja	amaica Bay / Queens; east of JFK Airport, He	ad of Bay
PHYSICAL DESCRIPTION: Narrow, non-r	navigable tidal creek emptying into Head of Ba	ay; extensive marsh area upstream, containing both low and high
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES EXI	POSED TIDAL FLATS MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	→ -	ELTERED TIDAL FLATS X MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHI	ELTERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A S	SUMMER A FALL A WINTER A
WILDLIFE: Birds, including shorebirds	<u> </u>	SOMMER A FACE A WINTER A
WIEDEIFE. Bilds, including shorebilds	and wateriowi	
LIADITAT: Fooding and recting area to	w minusting charakinds and wintering waterface	
HABITAT: Feeding and resting area for	or migrating shorebirds and wintering waterfow	vi
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X Rockaway	Blvd, Peninsula Avenue, Inwood	
BOAT X		
CTACING ADEAC.		
STAGING AREAS:		
COLLECTION POINTS: Head of Bay (R17)		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	JTY:
DEFLECT X	нідн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
	MEDIONI [_
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 104 MAP NUMBER:	NY-10 SITE NAME: N	lotts Point
USGS QUAD: Far Rockaway, NY	NOAA CHART # 12350, 12326	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #15 LATIT	TUDE 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 Ja	maica Bay / Queens; south of JFK Airport, a	t mouth of Motts Basin
PHYSICAL DESCRIPTION: Area of coasta	I shrub / woodland, sandy beach, and intertion	dal marsh, fronted by tidal flats
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	→	POSED TIDAL FLATS X MARSHES X ELTERED TIDAL FLATS X MAN-MADE STRUCTURES
RANK FINE SAND BEACHES		ELTERED TIDAL FLATS X MAN-MADE STRUCTURES L ELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL 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	r migrating shorebirds and wintering waterfov	vl; roosting area for night herons
THREATENED/ ENDANGERED:		
OTHER (RR): Bayswater State Preserve a	nd NYC Park lands are adjacent	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X Mott Avenu	e, Norton Drive	
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
omen (no).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	JTY:
DEFLECT X	ніgн П	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	- 🗆	
STILL (I O		

PRIORITY A	SENSITIVE AREA SUMI	MARY DATE <u>11/20/98</u>
SITE # 201 MAP NUMBER:	2 SITE NAME: Pier	rmont Marsh
USGS QUAD: Nyack, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP # NY 14 LATITU	DE 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		
SECTION.		
PHYSICAL DESCRIPTION: tidal wetland		
SHORELINE EXPOSED ROCKY SHORES	☐ COARSE SAND BEACHES ☐ EXPO	OSED TIDAL FLATS X MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	 	TERED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHEL	TERED ROCKY SHORE X
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SU	JMMER FALL WINTER
WILDLIFE: Waterfowl breeding\many s	pecies of fish spawning	
HABITAT: Only large undeveloped sal	lt/brackish marsh on the Hudson River	
THREATENED/ \Diamondback Terrapin (sp ENDANGERED:	ecial concern speices in NYS)	
OTHER (RR): National Esturarire Research	ch Reserve (NERR)	
OTTER (IXIV).	WINGSONG (NEWY)	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X Access by	road to the end of the Piermont Pier or by shall	low draft boat
VEHICLE X Access by BOAT X		
BOAT K		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILIT	- Y:
DEFLECT X	нідн П	
RECOVERY	LOW 🗍	
PROTECTION	MEDIUM	MIN BOOM LENGTH 9000 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUMI	MARY DATE <u>11/20/98</u>		
SITE # 305 MAP NUMBER:	3 SITE NAME: Crot	ton River (w/RR Outlet)		
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:		
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1 LATITUI	DE 41°11'27" NORTH LONGITUDE 73°52'28" WEST		
AGENCY/CONTACT 1 DEC/ J. O'Mara	EXPERTISE	PHONE 1 (914) 437-6720		
1 DEC/ J. O'Mara 2	Spill Response Metro North	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts		
GEOGRAPHIC LOCATION: Croton-on-Huc	dson			
PHYSICAL DESCRIPTION: major creek/w	retland			
SHORELINE EXPOSED ROCKY SHORES		DSED TIDAL FLATS X MARSHES X		
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		TERED TIDAL FLATS X MAN-MADE STRUCTURES X TERED ROCKY SHORE		
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SU	MMER FALL WINTER		
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Access from Metro North yard - no boat access during low tide.				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X Access from BOAT X	m the Metro North Yard. Cannot access this sit	e by boat at low tide.		
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECTIBILIT	Y:		
DEFLECT RECOVERY \bigcap	HIGH X LOW □			
PROTECTION X	MEDIUM	MIN BOOM LENGTH 2000 ft		
OTHER (PS				

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 402 MAP NUMBER:	4 SITE NAME: Minisce	eongo Creek & Cedar Pond Brook
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1 LATITUDE	41°13'18" NORTH LONGITUDE <u>73°58'16"</u> 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 (S	SW Corner)	
PHYSICAL DESCRIPTION: marsh/creek	(strong tidal current at mouth)	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES X ERED TIDAL FLATS X MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: assorted fish and swans	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
HABITAT: marsh		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:	Main St. Stony Pt.	
VEHICLE X Rt 9W to N BOAT X	idin di didiy i i	
STAGING AREAS: Penny Bridge goes o	over the creek at the mouth. New park at the bridge	e is a good staging area.
COLLECTION POINTS:		
OTHER (RC):		
, ,		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 500 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA S	UMMARY	DATE <u>11/20/98</u>	
SITE # 419 MAP NUMBER:	4 SITE NAM	ME: Iona Marsh: major wetla	nd inside north RR causewa	
USGS QUAD: Peekskill, NY	NOAA CHART # 12343		River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3	LATITUDE 41°18'34" NOF	RTH LONGITUDE <u>73°59'07"</u> WEST	
AGENCY/CONTACT	EXPERTISE	PHONE		
1 DEC/ J. O'Mara	1 Spill Response	1 (914)	137-6720	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CUR	RENTS: kts	
GEOGRAPHIC LOCATION: Bear Mountain	1			
PHYSICAL DESCRIPTION: wetland behind	d island, significant natural estuary			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLAT SHELTERED ROCKY SH		
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL	☐ WINTER ☐	
WILDLIFE: Waterfowl nesting				
HABITAT: Tidal Marsh				
THREATENED/ \Least Bittern nesting, prote ENDANGERED:	cted in NYS			
OTHER (RR): National Estuary Research Reserve NERR (Iona Island Marsh)				
The rest of the re				
RESPONSE CONSIDERATIONS	OWNERSHIP: Palis	sades Park Comm.		
ACCESS:				
VEHICLE X BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC): north causeway				
OTTIER (NO).				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTE	CTIBILITY:		
DEFLECT X	нідн П	O 1.5.2.1 1.		
RECOVERY	LOW \square			
PROTECTION	MEDIUM \square	M	IN BOOM LENGTH 4000 ft	
OTHER (PS				

PRIORITY A	SENSITIVE AREA SU	MMARY DATE11/20/98	<u>}</u>	
SITE # 420 MAP NUMBER:	4 SITE NAME:	N. Iona Is. Marsh/Hudson R.	_	
USGS QUAD: Peekskill, NY	NOAA CHART # <u>12343</u>	River Mile:	_	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-3 LA	TITUDE 41°18'40" NORTH LONGITUDE 73°59	9'03" 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	1			
PHYSICAL DESCRIPTION: north entrance	to wetland			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS MAN-MADE ST SHELTERED ROCKY SHORE	RUCTURES X	
RESOURCES AT RISK SEASOI	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER		
WILDLIFE: Waterfowl nesting				
HABITAT: Tidal Marsh				
THREATENED/ \Least Bittern nesting, prote ENDANGERED:	cted in NYS			
OTHER (RR): National Estuary Research Reserve NERR (Iona Island Marsh)				
RESPONSE CONSIDERATIONS	OWNERSHIP: Palisad	es Park Comm.		
ACCESS:	OWNERSHIF. Fallsau	es Fair Collill.		
VEHICLE X Rt 9W				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECT	BILITY:		
DEFLECT X	HIGH U			
RECOVERY	LOW	MINI DOOM LENGTH	2000 f	
PROTECTION _	MEDIUM	MIN BOOM LENGTH	8000 ft	
OTHER (PS				

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 505 MAP NUMBER:	5 SITE NAME: Constitu	ution Marsh (w/RR outlet)
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-5 LATITUDE	41°24'14" NORTH LONGITUDE <u>73°56'39"</u> 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 behin	nd island	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS X MARSHES X RED TIDAL FLATS X MAN-MADE STRUCTURES X RED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A SUMME	ER
WILDLIFE: Waterfowl spring and fall m	igration stopover	
HABITAT: important fish habitat		
THREATENED/ \Least Bittern nesting, prote ENDANGERED:	ected in NYS	
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Nat. Audubon Soc	cietv
ACCESS:		
	ss is by boat.	
BOAT X		
STAGING AREAS: West Point South Pie	er is a good staging area.	
COLLECTION POINTS:	er is a good staging area.	
OTHER (RC):		
OTTER (RC).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн 🛛	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH500_ ft
OTHER (PS		
(

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>		
SITE # MAP NUMBER:	5 SITE NAME: Found	ry Cove (w/RR outlet)		
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:		
NOAA ESI ATLAS <u>Hudson River</u>	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, no	ortheast behind Is.			
PITTSICAL DESCRIPTION. Day, maisii, no	officeast betilific is.			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS X MARSHES X ERED TIDAL FLATS X MAN-MADE STRUCTURES X ERED ROCKY SHORE		
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER		
WILDLIFE:	_			
HABITAT:				
THREATENED/ ENDANGERED:				
	to a constant and a coloration			
OTHER (RR): Superfund site - contaminant removal and restoration				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
BOAT X				
STAGING AREAS: West Point				
COLLECTION POINTS:				
OTHER (RC):				
omen (no).				
PROTECTION STRATEGIES				
воом метнор:	DEGREE OF PROTECTIBILITY:			
DEFLECT	нідн 🗵			
RECOVERY	LOW			
PROTECTION X	MEDIUM	MIN BOOM LENGTH 500 ft		
	250			
OTHER (PS				

PRIORITY A	SENSITIVE AREA S	UMMARY	DATE <u>11/20/98</u>	
SITE # 514 MAP NUMBER:	5 SITE NAM	IE: Moodna Creek & mars	h, behind RR bridge"	
USGS QUAD: Cornwall, NY	NOAA CHART # 12343		River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-4	LATITUDE <u>41°27'28"</u> N	ORTH LONGITUDE 73°01'26"	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 DEC/ J. O'Mara	1 Spill Response	1 (914	4)437-6720	
2 West Point	2 Wildlife	2 (914	4)938-3001	
3	3	3		
		•		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CL	JRRENTS: kts	
GEOGRAPHIC LOCATION: Cornwall-on-H	udson			
PHYSICAL DESCRIPTION: tidal wetland a	and creek (shallow)			
	7 F	7		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLAT SHELTERED TIDAL FL		TIDES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY S		UKES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	A SUMMER A FAL	L A WINTER A	
WILDLIFE: Important fish - spawning h	abitat			
HABITAT: Major freshwater tributary to	Hudson River			
THREATENED/ Bald Eagles in summer and	winter\Least Bittern nesting, protected	in NYS		
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	hard a bar I amada at Nambarah I a a Ba			
	boat only. Launch at Newburgh Landin	ig\		
BOAT X				
STAGING AREAS: Newburgh Landing or	r West Point			
COLLECTION POINTS:				
OTHER (RC):				
OTHER (NO).				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTEC	YTIDII ITV		
		JIIDILII I.		
DEFLECT	HIGH X			
RECOVERY	LOW		MINI DOOM I ENOTE 4000 1	·+
PROTECTION X	MEDIUM		MIN BOOM LENGTH 1000 f	ι
OTHER (PS				

	<u>8</u>
SITE # 602 MAP NUMBER: 6 SITE NAME: Fishkill Creek	_
USGS QUAD: West Point, NY NOAA CHART # 12343 River Mile:	_
NOAA ESI ATLAS <u>Hudson River</u> ESI MAP # <u>HR-5</u> LATITUDE <u>41°29'17"</u> NORTH LONGITUDE <u>73°5</u>	8'24" 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	
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 SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS MARSHES	from this site.
TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES X SHELTERED TIDAL FLATS MAN-MADE STANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE	TRUCTURES
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/ \Osprey ENDANGERED:	
OTHER (RR):	
DESCRIPTIONS OWNERSHIP	
RESPONSE CONSIDERATIONS OWNERSHIP: ACCESS:	,
VEHICLE Use skiff boats. West Point has bridge boat jet drive for access. BOAT X	
STAGING AREAS: COLLECTION POINTS:	
OTHER (RC):	
PROTECTION STRATEGIES	
BOOM METHOD: DEGREE OF PROTECTIBILITY:	
DEFLECT HIGH X	
RECOVERY \(\boxed{\bar\bar\bar\bar\bar\bar\bar\bar\bar\bar	
	1000 ft
OTHER (PS	

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	7 SITE NAME: Wappi	nger Creek (w/RR outlet)
USGS QUAD: Wappingers Fals, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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. Hamburgh/	Wappingers Falls	
PHYSICAL DESCRIPTION: creek/wetland	behind RR bridge	
_	_	_
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ERED TIDAL FLATS MARSHES X ERED TIDAL FLATS MAN-MADE STRUCTURES ERED ROCKY SHORE
TINE OAND BEACHES		LIKED ROOKT GHOKE
RESOURCES AT RISK SEASON WILDLIFE: Important fish - spwaning ha	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
HABITAT: Major freshwater tributary to	the Hudson	
THREATENED/ Bur-marigold, subulate arrow ENDANGERED: OTHER (RR):	whead, and other rare speices in the tidal flats/ we	etland area (rare in NYS)
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	the Newhamburgh Yacht Club	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH X	
RECOVERY	LOW	AUNI DO 0111 - 110-11
PROTECTION X	MEDIUM	MIN BOOM LENGTH 800 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 805 MAP NUMBER:	8 SITE NAME: Roose	evelt Cove RR bridge
USGS QUAD: Hyde Park, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-9 LATITUDE	41°45'35" NORTH LONGITUDE 73°56'23" WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara 2	1 Spill Response	1 (914)437-6720 2
3	3	3
	<u> </u>	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Hyde Park, not	rth of Maritje Kill	
PHYSICAL DESCRIPTION: bay/wetlands e	east of the railroad tracks.	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES X ERED TIDAL FLATS X MAN-MADE STRUCTURES X ERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
WESELLE.		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн	
RECOVERY	LOW	MINI POOM LENGTH 200 #
PROTECTION X	MEDIUM [_]	MIN BOOM LENGTH 200 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 809 MAP NUMBER:	8 SITE NAME: Black Cree	ek Mouth
USGS QUAD: Hyde Park, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-9 LATITUDE 4	1°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 s	side of the river	
PHYSICAL DESCRIPTION: creek/ shallow	water	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTERE	TIDAL FLATS MARSHES X ED TIDAL FLATS MAN-MADE STRUCTURES ED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMMER	R FALL WINTER
WILDLIFE: Important hering spawning a		
mponantioning opaniming of		
HABITAT:		
HABITAT.		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
	cess to the north side of the inlet is available by a sma	all town road.
STAGING AREAS:		
COLLECTION POINTS: \		
OTHER (RC):		
PROTECTION STRATEGIES		
воом метнор:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 2000 ft
OTHER (PS	250	
January (1 0		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 905 MAP NUMBER:	9 SITE NAME: Vanderbu	urgh Cove (w/RR outlet)
USGS QUAD: Kingston East, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-10 LATITUDE 4	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/ea	ast side of the river and east of the railroad tracks	
PHYSICAL DESCRIPTION: bay behind RR	R bridge with protection to be provided at inlet under	the tracks
SHORELINE EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTER	O TIDAL FLATS MARSHES X ED TIDAL FLATS X MAN-MADE STRUCTURES X ED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMME	R FALL WINTER
WILDLIFE:		
HARITAT		
HABITAT: wetlands		
THREATENED/ ENDANGERED:		
OTHER (RR):		
STILL (IXV).		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE BOAT X		
BOAT K		
STAGING AREAS:		
	cove located south of the Vanderburgh Cove and cou	uld be used as an effective collection point.
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT Π	HIGH X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 908 MAP NUMBER:	9 SITE NAME: Rondoo	ut Creek
LICCO OLIADa I Vianatan Fast NIV	NOAA CHART # 40047	Diseas Miller
USGS QUAD: Kingston East, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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
3	3	3
		0
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Kingston		
PHYSICAL DESCRIPTION: major creek		
 	7	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	─	ED TIDAL FLATS MARSHES X RED TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES	─	RED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
WILDLIFE: Important and freshwater fis	sh nursery area\waterfowl migratory stop over	
HABITAT: Major freshwater tributary to	o Huson River.\Important mud flats	
THREATENED/ \Quarter	shitat\Ooprov opring migration habitat\Ooprov opring	a migration habitat
ENDANGERED: (Osprey spring migration na	abitat\Osprey spring migration habitat\Osprey spring	y migration habitat
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
воат		
STAGING AREAS: boat launch is available	ble at start of Creek (north side) just east of Kosco	Fuel.
COLLECTION POINTS:		
OTHER (RC): Two Kosco Fuel facil	ities located in the Creek	
PROTECTION OTRATEGIES		
PROTECTION STRATEGIES BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нівн П	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH 4000 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 911 MAP NUMBER:	9 SITE NAME: Ell	llerslie Cove(w/RR outlet)
USGS QUAD: Kingston East, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-10 LATIT	UDE 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	POSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
THE SERVER STATE OF THE SE		
HABITAT: wetlands		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE access by	hoot	
VEHICLE X BOAT X	boat.	
STAGING AREAS:		
COLLECTION POINTS: Site #904 is a small of	cove located south of Vanderburgh Cove and	could be used as an effective collection point.
OTHER (RC):	g.	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	ITY:
DEFLECT	HIGH X	
RECOVERY [LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 100 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 1005 MAP NUMBER:	10 SITE NAME: Tivoli Ba	ay, 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	v located east of railroad tracks	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS MARSHES X MAN-MADE STRUCTURES RED ROCKY SHORE
	ONAL CONSIDERATIONS: SPRING SUMMI	ER FALL WINTER
HABITAT: tidal wetlands		
THREATENED/ Osprey,Least Bittern, wood eNDANGERED: other speices are rare in N		peices in NYS\ Heartleaf platain, estuary beggars, ticks and
OTHER (RR): National Estuary Research	Reserve NERR	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE BOAT X	-	
	n Ulster is a possible staging area located south of the	nis site. It has parking and a great boat ramp accessable b
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT \square	HIGH X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft
OTHER (PS	5.6	

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 1007 MAP NUMBER	t:10 SITE NAME: _Tivoli B	Bay, north (east shorelinet)
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 loc	cated east of railroad tracks	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE X
	ONAL CONSIDERATIONS: SPRING SUMN rea\Waterfowl spring and fall migration stop over	MER FALL WINTER
HABITAT: tidal wetlands		
THREATENED/ Osprey,Least Bittern, woo ENDANGERED: other speices are rare in N		speices in NYS\ Heartleaf platain, estuary beggars, ticks and
OTHER (RR): National Estuary Research	n Reserve NERR	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		_
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн X	
RECOVERY	LOW	
PROTECTION X	MEDIUM 🔲	MIN BOOM LENGTH 400 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE #1103 MAP NUMBER:	11 SITE NAME: Esop	us Creek
USGS QUAD: Suagerties, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>HRL - 11</u>	ESI MAP # 11 LATITUD	E <u>42-04' 08"</u> NORTH LONGITUDE <u>073-57' '05"</u> 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	s	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELT	SED TIDAL FLATS MARSHES X ERED TIDAL FLATS MAN-MADE STRUCTURES X ERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: Black bass overwintering, h	NAL CONSIDERATIONS: SPRING A SUM	IMER A FALL A WINTER A
HABITAT: Spawning, Spring (Black ba	ss, herring)	
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		.
VEHICLE X BOAT X		
STAGING AREAS: U.S. Coast Guard Aid	ds to Navigation Team, Saugerties	
COLLECTION POINTS:	20 to Navigation Team, Caugernes	
OTHER (RC): 4 Marinas in creek		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY	:
DEFLECT	HIGH	
RECOVERY	LOW	
PROTECTION X	MEDIUM X	MIN BOOM LENGTH 1000 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMM	[ARY DATE <u>11/20/98</u>
SITE # 1104 MAP NUMBER:	11 SITE NAME: Esopus	s Creek mouth (North)
USGS QUAD: Saygerties, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>HRL-11</u>	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ED TIDAL FLATS MARSHES X ERED TIDAL FLATS MAN-MADE STRUCTURES ERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING A SUMM	MER FALL A WINTER
WILDLIFE: Eagle and Osprey	_	
HABITAT:		
THREATENED/ \None ENDANGERED:		
OTHER (RR): NY-DEC to re-evaluate prior	rity	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE Via Esopus	s Creek	
BOAT X		
STAGING AREAS: Access by boat launc	ch on Feorus Creek	
COLLECTION POINTS:	on Lsopus Cleek	
OTHER (RC): 4 Marinas in creek		
OTTEN (NO). 4 Wallias III Cleek		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн	
RECOVERY	LOW X	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 6000 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
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/ we	etlands	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ED TIDAL FLATS X MARSHES X ERED TIDAL FLATS MAN-MADE STRUCTURES X ERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING A SUMI	MER A FALL A WINTER A
WILDLIFE: Eagle, Osprey, Water Fowl	\Bass,Black	
HABITAT: Nesting, Eagle\Migration, O)sprey\Nursery, Black Bass	
THREATENED/ \Eagle ENDANGERED:		
	environmentally sensitive area in NY - DEC Regio	n 4
OTHER (RR).	environmentally sensitive area in NT - DEC Regio	41 4.
RESPONSE CONSIDERATIONS	OWNERSHIP: NYS, LeHigh Co	ement
ACCESS:		
VEHICLE X Causeway BOAT X	Road - Independent Cement Plant	
STAGING AREAS: Boat launch, German	ntown\Dock, Independent Cement Plant	
COLLECTION POINTS:	•	
	he end of the dock at cement plant and new dock	at Silver Point.
	·	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн	
RECOVERY [LOW	
PROTECTION	MEDIUM X	MIN BOOM LENGTH 3000 ft
OTHER (PS		

SITE # 1108
NOAA ESI ATLAS HRL-11 ESI MAP #
AGENCY/CONTACT
1 NY - DEC Region 4 1
2 2 3 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 EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS MARSHES XSHD AND GRAVEL BEACHES X SHELTERED TIDAL FLATS MAN-MADE STRUCTURES SAND AND BEACHES SHELTERED ROCKY SHORE SHELTERED ROCKY SHORE SHELTERED ROCKY SHORE WINTER MIGRATORY WATER SHELTERED ROCKY SHORE
SITE DESCRIPTION SITE AREA:
SITE DESCRIPTION SITE AREA: TIDAL RANGE ft
GEOGRAPHIC LOCATION: S. of Catskill, River mile 110 (west), Day Marker 62 PHYSICAL DESCRIPTION: major marsh w/creeks SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES SAND AND GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING SUMMER FALL WINTER MIGRATORY Waterfow/Leagles/Hunting HABITAT: Tidal wetlands THREATENED/ENDANGERED:
PHYSICAL DESCRIPTION: major marsh w/creeks SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES SAND BEACHES SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SAND FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MAN-MADE STRUCTURES MAN-MADE
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SAND FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MAN-MADE STRUCTURES MAN-MADE
TYPE (ESI) WAVE CUT PLATFORMS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES SHELTERED TIDAL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS SHELTERED TOOL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES TOOL FLATS GRAVE
TYPE (ESI) WAVE CUT PLATFORMS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES SHELTERED TIDAL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS SHELTERED TOOL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES/RIPRAP SHELTERED TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES TOOL FLATS GRAVEL BEACHES X SHELTERED TIDAL FLATS GRAVEL BEACHES TOOL FLATS GRAVE
RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING SUMMER FALL WINTER WILDLIFE: Migratory waterfowl\Eagles\Hunting HABITAT: Tidal wetlands THREATENED/ENDANGERED:
WILDLIFE: Migratory waterfowl\Eagles\Hunting HABITAT: Tidal wetlands THREATENED/ ENDANGERED:
WILDLIFE: Migratory waterfowl\Eagles\Hunting HABITAT: Tidal wetlands THREATENED/ ENDANGERED:
WILDLIFE: Migratory waterfowl\Eagles\Hunting HABITAT: Tidal wetlands THREATENED/ ENDANGERED:
HABITAT: Tidal wetlands THREATENED/ ENDANGERED:
THREATENED/ ENDANGERED:
THREATENED/ ENDANGERED:
ENDANGERED:
ENDANGERED:
OTHER (RR):
RESPONSE CONSIDERATIONS OWNERSHIP: NYS, Private
ACCESS:
VEHICLE Catskill Boat Lauch \Roeliff - Jansen Launch (small boats only)\
BOAT X
STAGING AREAS: Inboch Road - Campsite
COLLECTION POINTS:
OTHER (RC): Shallow Water approx. 6 inches at mean low tide at 400 yards out from creek.
Online Water approx. I mones at mean low lide at 400 yards out nom order.
PROTECTION STRATEGIES
BOOM METHOD: DEGREE OF PROTECTIBILITY:
DEFLECT X HIGH
RECOVERY LOW
PROTECTION X MEDIUM X MIN BOOM LENGTH 500 ft
OTHER (PS

PRIORITY A	SENSITIVE AREA SUMI	MARY DATE <u>11/20/98</u>		
SITE # 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 LATITU	DE <u>42-11' 24"</u> NORTH LONGITUDE <u>073-51' 06"</u> 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHEL	DSED TIDAL FLATS MARSHES LTERED TIDAL FLATS MAN-MADE STRUCTURES LTERED ROCKY SHORE		
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 p	priority			
RESPONSE CONSIDERATIONS	OWNERSHIP: NYS, St. Law	vrence Cement		
ACCESS:				
VEHICLE X Yacht club BOAT X	at end of road. Access with 16ft skiff with outb	oard motor, very shallow water.		
STAGING AREAS:				
COLLECTION POINTS:				
	channel. Best access from railroad tracks.			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECTIBILIT	Y:		
DEFLECT	HIGH X			
RECOVERY	LOW			
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1500 ft		
OTHER (PS				

PRIORITY A	SENSITIVE AREA SU	JMMARY	DATE <u>11/20/98</u>	
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 L	ATITUDE <u>42-09' 48"</u> NOR'	TH LONGITUDE 073-54' 10" WEST	
AGENCY/CONTACT 1 NY - DEC Region 4	EXPERTISE	PHONE 1 (607)	652 - 7364	
NY - DEC Region 4	1 2	2	032 - 7304	
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CURF	RENTS: kts	
GEOGRAPHIC LOCATION:				
SEGGIOTI THE ESSITITION.				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES X SAND AND GRAVEL BEACHES X GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHO		
			П	
RESOURCES AT RISK SEASOI WILDLIFE:	NAL CONSIDERATIONS: SPRING	SUMMER FALL	WINTER	
MEDEN E.				
HABITAT:				
THREATENED/ ENDANGERED:				
	OTHER (RR):			
<u>OTHER (INI).</u>				
RESPONSE CONSIDERATIONS	OWNERSHIP: Private	e, Catskill Audubon, NYS		
ACCESS:				
VEHICLE Cannot acc	cess at low tide.			
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC): Small channel. A person lives in the area and knows the channel.				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECT	ΓΙΒΙLITY:		
DEFLECT X	HIGH			
RECOVERY	LOW	N A I I	N BOOM LENGTH 6000 ft	
PROTECTION _	MEDIUM X	IVIII	- 0000 II	
OTHER (PS				

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE _	11/20/98
SITE # 1201 MAP NUMBER:	12 SITE N	NAME: Catskill Creek		
USGS QUAD: Hudson South, NY	NOAA CHART # 1234	7	River Mile:	
NOAA ESI ATLAS HRL-11	ESI MAP #11	LATITUDE 42-12'	29" NORTH LONGITU	DE <u>073-51' 16"</u> WEST
AGENCY/CONTACT	EXPERTISE	Pł	HONE	
1 NY - DEC Region 4	1	1	(607) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft N	MAX CURRENTS:	kts
GEOGRAPHIC LOCATION: Catskill				
PHYSICAL DESCRIPTION: Major creek ar	nd wetlands, with many marinas			
_	7			_
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDA S X SHELTERED TII X SHELTERED RO	DAL FLATS MAN	RSHES X N-MADE STRUCTURES X
Tine onno benones			SORT GHORE [
	NAL CONSIDERATIONS: SPRIN	IG A SUMMER Dring herring spawn	FALL WINTE	R 📗
HABITAT: Floating vegitation along south side of creek at mouth running south to Rams Horn Creek.				
THREATENED/ ENDANGERED:				
	doned)\Main Bros. Oil Company - o	on creek\Kosko Bros. C	il Company - on creek	
RESPONSE CONSIDERATIONS	OWNERSHIP: N	IYS, Catskill Audubon		
ACCESS:				
VEHICLE X BOAT X				
STAGING AREAS: Marinas, Private Par	k Launch, Public Launch (north)			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW			
PROTECTION	MEDIUM X		MIN BOOM LEN	GTH 1200 ft
OTHER (PS	-			

PRIORITY A	SENSITIVE AREA SUN	MMARY DATE <u>11/20/98</u>	
SITE # 1203 MAP NUMBER: 12 SITE NAME: Rogers Island WMA marshes			
USGS QUAD: Hudson South, NY	NOAA CHART # <u>12347</u>	River Mile:	
NOAA ESI ATLAS <u>HRL-11</u>	ESI MAP# 11 LATI	TUDE 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 on	oposite Catskill		
PHYSICAL DESCRIPTION: wetlands			
FITTSICAL DESCRIPTION. Wellands			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SH	X POSED TIDAL FLATS X MARSHES X MAN-MADE STRUCTURES X HELTERED ROCKY SHORE	
RESOURCES AT RISK SEASO	ONAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER	
WILDLIFE: Migratory waterfowl, Eagle	s, wading birds hunting\\		
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP: NYS Wildl	life Management Area	
ACCESS:	a Contail property. Access should be by light	vehicles only (e.g. < 5 ton truck).Can get within 100ft of water by	
VEHICLE Access VII vehicle.	a Contail property. Access should be by light	venicles only (e.g. < 3 ton truck). Can get within 100it of water by	
STAGING AREAS: Catskill Launch			
COLLECTION POINTS:			
	s in the south end of Hallenbeck Creek. Cree	ek cannot be accessed by boat.	
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROTECTIBI	LITY:	
DEFLECT X	HIGH		
RECOVERY	LOW		
PROTECTION	MEDIUM X	MIN BOOM LENGTH 6000 ft	
OTHER (PS			

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>		
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTER	D TIDAL FLATS MARSHES X RED TIDAL FLATS X MAN-MADE STRUCTURES RED ROCKY SHORE		
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SUMME	ER FALL WINTER		
WILDLIFE: Migratory waterfowl,rare pla	ants, hunting			
HABITAT: tidal wetlands				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP: Hudson IDA			
ACCESS:				
VEHICLE X The south	bay cannot be accessed by boat. Rail access. Veh	nicles can drive to RR outlet.		
BOAT X				
STAGING AREAS: Hudson Boat Launch	า			
COLLECTION POINTS:				
OTHER (RC): Good water up to RF	R bridge			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECTIBILITY:			
DEFLECT	HIGH X			
RECOVERY [LOW			
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft		
OTHER (PS				

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 1206 MAP NUMBER:	12 SITE NAME: Culver	t to Hudson North Bay
USGS QUAD: Hudson South, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>HRL-11</u>	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	n 2 RR tressel openings.	
_	_	_
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	—	ED TIDAL FLATS MARSHES X
RANK FINE SAND BEACHES		ERED TIDAL FLATS X MAN-MADE STRUCTURES X MAN-MADE STRUCTURES X
DESCRIBES AT DISK	MAL CONSIDERATIONS. CRRING TO CHAN	MED TO FALL TO WINTED TO
	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
WILDLIFE: Migratory waterfowl, hunting	y .	
HABITAT: tidal wetlands		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Hudson IDA	
ACCESS:	OWNERSHII : Hudson IDA	
	access bay from river	
BOAT		
	on back side of raileoad tracks.	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн 🗵	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 600 ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 1207 MAP NUMBER:	12 SITE N	IAME: Murderers Creek mouth	
USGS QUAD: Hudson North, NY	NOAA CHART# 1234	7	River Mile:
NOAA ESI ATLAS HRL-12	ESI MAP # 12	LATITUDE 42-16' 22" NOI	RTH LONGITUDE <u>073-48' 04"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1 NY - DEC Region 4	1	`	7) 652 - 7364
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CUF	RRENTS: kts
GEOGRAPHIC LOCATION: Athens			
PHYSICAL DESCRIPTION:			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES X GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SH	TS MAN-MADE STRUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRIN	G SUMMER FALL	WINTER
WILDLIFE: Migratory waterfowl, hunting	3		
HABITAT: tidal wetlands			
THREATENED/ ENDANGERED:			
OTHER (RR): There is a small creek origin	nating from Sleepy Hollow Lake. Lal	ke is protected by a dam.\NYS-	DEC will re-evaluate priority.
RESPONSE CONSIDERATIONS	OWNERSHIP: N	YS	
ACCESS:	OWNERSHIF. IN		
VEHICLE			
BOAT X			
BOAT K			
STAGING AREAS: Boat launch - small b	oats only		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:	
DEFLECT [HIGH		
RECOVERY U	LOW		IIN BOOM LENGTH 600 ft
PROTECTION X	MEDIUM	ĮV	IIIV BOOM ELINGTTI TO
OTHER (PS			

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>	
SITE # 1209 MAP NUMBER:	12 SITE NAME: SI	tockport Marsh, south portion	
USGS QUAD: Hudson North, NY	NOAA CHART # 12347	River Mile:	
NOAA ESI ATLAS HRL-12	ESI MAP # 12 LATIT	TUDE <u>42-17' 32"</u> NORTH LONGITUDE <u>073-46' 31"</u> 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHI	POSED TIDAL FLATS X MARSHES X ELTERED TIDAL FLATS X MAN-MADE STRUCTURES X ELTERED ROCKY SHORE	
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER	
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:		
VEHICLE			
BOAT X			
	h, Athens\Stockport Creek - small boats only		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROTECTIBIL	ITY·	
DEFLECT X	нідн П		
RECOVERY	LOW \square		
PROTECTION	MEDIUM X	MIN BOOM LENGTH 2000 ft	
OTHER (PS	<u></u>		

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 1210 MAP NUMBER:	12 SITE NAME: Rams I	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 Catskil	II Creek	
PHYSICAL DESCRIPTION: \Marsh		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ED TIDAL FLATS MARSHES X ERED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SUMM	MER A FALL WINTER
WILDLIFE: Migratory waterfowl, Eagles	s, wading birds, hunting	
HABITAT:		
THREATENED/ \Eagle nest ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Audubon Societ	
ACCESS:	OWNERSHIF: Addubbil Society	<u>y</u>
VEHICLE		
BOAT X		
STAGING AREAS: Catskill Boat Launch		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн X	
RECOVERY	LOW 🗍	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 6000 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>		
SITE # 1301 MAP NUMBER:	13 SITE NAME: Stock	port 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTI	ERED TIDAL FLATS X MARSHES X ERED TIDAL FLATS X MAN-MADE STRUCTURES X ERED ROCKY SHORE		
RESOURCES AT RISK SEASO WILDLIFE: Migratory waterfowl, rare pl	ONAL CONSIDERATIONS: SPRING SUM lants, hunting, Eagle	MER FALL WINTER		
HABITAT: Nesting, Eagle				
THREATENED/ \Eagle ENDANGERED:				
OTHER (RR): Hudson River (State Park), Gray's Point (State Park)				
RESPONSE CONSIDERATIONS	OWNERSHIP: NYS, HRERR			
ACCESS: VEHICLE road to call BOAT	mpsite with launch - small boats only\\\\			
"	ınch - small boats only∖Launch below Little Nutten	Hook\		
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTECTIBILITY:			
DEFLECT X	HIGH U			
RECOVERY	LOW X	MIN BOOM LENGTH 10900 ft		
PROTECTION X	MEDIUM [_]	WIN DOOM LENGTH 10300 It		
OTHER (PS				

PRIORITY A	SENSITIVE AREA SUMN	MARY DATE11/20/98
SITE # 1302 MAP NUMBER:	13 SITE NAME: Mars	hes At Gays Point
USGS QUAD: Hudson North, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS HRL-13	ESI MAP # 13 LATITUD	E <u>42-19' 27"</u> NORTH LONGITUDE <u>073-46' 43"</u> 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 Stockp	port Middle Ground Is.	
PHYSICAL DESCRIPTION: marsh		
FHISICAL DESCRIPTION. IIIaisii		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELT	SED TIDAL FLATS X MARSHES X TERED TIDAL FLATS X MAN-MADE STRUCTURES X TERED ROCKY SHORE
RESOURCES AT RISK SEASOI	NAL CONSIDERATIONS: SPRING SUM	MMER FALL WINTER
WILDLIFE: Migratory waterfowl, rare pla	ants, hunting	
HABITAT: tidal wetlands		
THREATENED/ \Part of Federal Research R ENDANGERED:	Reserve	
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: NYS, OPRHP	HRERR
ACCESS:	Dock Loursky Advance	
VETRICEE L	Boat Launch, Athens	
BOAT X		
STAGING AREAS: Gray's Point Boat La	unch - small boats only\Stockport Creek	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY	' :
DEFLECT	HIGH 📙	
RECOVERY	LOW	MINI POOM I FNOTU #
PROTECTION	MEDIUM [MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 1303 MAP NUMBER:	13 SITE NAME: Mouth	of unnamed creek at Little Nutten Hook
USGS QUAD: Hudson North, NY	NOAA CHART # <u>12348</u>	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 H	łook	
PHYSICAL DESCRIPTION: marsh		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	—	ED TIDAL FLATS MARSHES X ERED TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES		ERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
WILDLIFE: Migratory waterfowl, Eagles	s, rare plants, hunting	
HABITAT: tidal wetlands		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: HRERR	
ACCESS:		
VEHICLE Entrance f	from river is bulkheaded, access is by small boat or	nly.
STAGING AREAS: Stockport Boat Laun	ich - small boats only\Coxsacki Boat Launch, Ather	ns
COLLECTION POINTS: \	,	
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніGн	
RECOVERY	LOW	MINI DOCKLI ENOTIL
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY A	SENSITIVE AREA SU	J MMARY DATE <u>11/20/98</u>
SITE # 1307 MAP NUMBER:	13 SITE NAME	: Coxsackie Cove
USGS QUAD: Hudson North, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS <u>HRL-13</u>	ESI MAP #13	ATITUDE 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: Coxsackie, w	restern shore (south from Cosackie Is. nor	rth to Rattlesnake Is.)
PHYSICAL DESCRIPTION: tidal cove beh	ind Rattlesnake and Coxsackie Is.	
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED TIDAL FLATS MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS		SHELTERED TIDAL FLATS MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES	X GRAVEL BEACHES/RIPRAP X	SHELTERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE: Migratory waterfowl, rare pl	ants, hunting, Black Bass	
HABITAT: Tidal wetlands, Spawning, I	Black Bass	
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: OGS	
ACCESS:		
VEHICLE X		
BOAT X		
STACING ADEAS: Covered a Boot Low	ach amall hants only Churchant Lourne	amall hagte only
	nch - small boats only\Stuyvesant Launch	- small boats only
COLLECTION POINTS: \Old seawall between	nake Island is bulkheaded to shore.	
OTHER (RC): North side of Rattles	nake Island is bulkneaded to shore.	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECT	IBILITY
DEFLECT X	нідн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM X	MIN BOOM LENGTH 15000 ft
	WEDIOW A	
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 1309 MAP NUMBER:	13 SITE NAME: Coxsa	ckie Creek mouth
LICCO OLIADo I linda en Narth Bancara NIV	NOAA CHART # 40040	Divor Miles
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
3	3	3
	13	3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: North of Coxsa	ackie	
PHYSICAL DESCRIPTION: marsh		
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES REXPOSI	ED TIDAL FLATS MARSHES X
TYPE (ESI) WAVE CUT PLATFORMS	→	ERED TIDAL FLATS X MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	X GRAVEL BEACHES/RIPRAP SHELTE	ERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
WILDLIFE: Migratory waterfowl, rare pla	ants, hunting	
HABITAT: tidal wetlands		
THREATENED/		
ENDANGERED:		
OTHER (RR): NYS-DEC to re-evaluate pri	ority	
RESPONSE CONSIDERATIONS	OWNERSHIP: OGS	
ACCESS:		
VEHICLE X BOAT X		
"		
STAGING AREAS: Stuyvesant Boat Lau COLLECTION POINTS:	nch\Coxsackie Boat Launch - small boats only	
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH	
RECOVERY	LOW	MIN BOOM LENGTH ft
PROTECTION _	MEDIUM	<u></u>
OTHER (PS		

PRIORITY A	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>
SITE # 1310 MAP NUMBER:	13 SITE NAME: Mill (Creek mouth
LISCS OLIAD: Payana NIV	NOAA CHADT # 42240	Diver Mile.
USGS QUAD: Ravena, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS <u>HRL-13</u>	ESI MAP # 13 LATITUE	DE <u>42-24' 43"</u> NORTH LONGITUDE <u>073-46' 32"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE
NY - DEC Region 4	1 2	1 (607) 652 - 7364
3	3	3
SITE DESCRIPTION SITE AREA:	ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: North of Stuyv	/esant	
PHYSICAL DESCRIPTION: marsh		
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES EXPO	SED TIDAL FLATS MARSHES
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		TERED TIDAL FLATS MAN-MADE STRUCTURES TERED ROCKY SHORE
TINE SAIND BEACHES		TEREBROOKT SHOKE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SUM	MMER FALL WINTER
WILDLIFE: Migratory waterfowl, rare pla	—	WINDER CONTROL OF
HABITAT:		
TUDE ATENED/ \Notices Concertion or		
THREATENED/ Nature Conservancy ENDANGERED:		
OTHER (RR): NYS-DEC to re-evaluate pri	iority	
RESPONSE CONSIDERATIONS	OWNERSHIP: Nature Conse	rvancy
ACCESS:		
VEHICLE X		
BOAT X		
	unch\Coxsackie Boat Launch - small boats only	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY	Υ:
DEFLECT	HIGH X	
RECOVERY	LOW	MIN BOOM LENGTH 150 ft
PROTECTION X	MEDIUM [WIIN BOOM LENGTH 100 It
OTHER (PS		

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 1312 MAP NUMBER:	13 SITE N/	AME: Schodack Creek	
USGS QUAD: Ravena, NY	NOAA CHART # 12348	3	River Mile:
NOAA ESI ATLAS HRL-13	ESI MAP #13	LATITUDE <u>42-25' 21"</u> NO	DRTH LONGITUDE 073-46' 35" WEST
AGENCY/CONTACT 1 NY - DEC Region 4	EXPERTISE 1	PHONE 1 (60	07) 652 - 7364
2	2	2	01) 002 - 1304
3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	RRENTS: kts
GEOGRAPHIC LOCATION: North of Stuyv	esant to N. of Schodack Landing		
PHYSICAL DESCRIPTION: creek/marsh			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SI	ATS MAN-MADE STRUCTURES
DESCRIPCES AT PIGE	WAL CONCIDED ATIONS OF ORDINA		П минтер П
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING	G SUMMER FAL	L WINTER
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE			
BOAT			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:	
DEFLECT X	HIGH		
RECOVERY PROTECTION	LOW []		MIN BOOM LENGTH 6000 ft
OTHER (PS			

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 1402 MAP NUMBER:	14 SITE	NAME: Hannacrois Creek Bay	,
USGS QUAD: Ravena, NY	NOAA CHART # 123	48	River Mile:
NOAA ESI ATLAS HRL-14	ESI MAP #14	LATITUDE <u>42-27' 44"</u> NO	ORTH LONGITUDE 073-42' 14" WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1 NY - DEC Region 4	1	1 (6	607) 652 - 7364
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	JRRENTS: kts
GEOGRAPHIC LOCATION: North of New	Baltimore		
DUVOICAL DECORIDEION.			
PHYSICAL DESCRIPTION: creek/marsh			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLAT SHELTERED TIDAL FL SHELTERED ROCKY S	ATS X MAN-MADE STRUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRII	NG SUMMER FAL	L WINTER
WILDLIFE: Short-nosed Sturgeon			
HABITAT: Spawning, Sturgeon			
THREATENED/ ENDANGERED:			
OTHER (RR): This area already suffers fro	om bottom contamination problems		
DESPONSE CONSIDERATIONS	OWNEDOUID		
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE			
BOAT X			
BOAT A			
STAGING AREAS: Coeymans Boat Laur	nch		
COLLECTION POINTS:			
OTHER (RC): Sewage treatment pl	ant .5 miles north of creek.		
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PRO	OTECTIBILITY:	
DEFLECT	HIGH X	- · · - · - · · · ·	
RECOVERY	LOW \square		
PROTECTION X	MEDIUM		MIN BOOM LENGTH 600 ft
OTHER (PS			
- · · · · · · · · ·			

PRIORITY A	SENSITIVE AREA	SUMMARY	DATE11/20/	<u>/98</u>
SITE # 1403 MAP NUMBER:	14 SITE N	NAME: Coeymans Creek moutl	h	
USGS QUAD: Ravena, NY	NOAA CHART # 1234	8	River Mile:	
NOAA ESI ATLAS HRL-14	ESI MAP #14	LATITUDE <u>42-28' 11"</u> NO	RTH LONGITUDE 07	3-47' 17" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	1 (60	07) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CUI	RRENTS: kts	
GEOGRAPHIC LOCATION: Coeymans				
PHYSICAL DESCRIPTION: creek/marsh, e	extends south to Barren Island			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS X SHELTERED ROCKY SH	ATS MAN-MADE	X STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRIN	IG SUMMER FALL	L WINTER	
WILDLIFE: short-nosed sturgeon				
HABITAT: Submerged reef.				
THREATENED/ ENDANGERED:				
OTHER (RR): Break water underwater at h	nigh tide.			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				_
VEHICLE X				
BOAT X				
STAGING AREAS: Coeymans Boat Laur	nch			
COLLECTION POINTS:				
OTHER (RC): Marinas				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT \square	HIGH X			
RECOVERY	LOW \square			
PROTECTION X	MEDIUM	ľ	MIN BOOM LENGTH	200 ft
OTHER (PS			<u>-</u>	
\				

PRIORITY A	SENSITIVE AREA S	UMMARY	DATE <u>11/20/98</u>	<u>3</u>
SITE # 1405 MAP NUMBER:	14 SITE NAM	ME: Shodack Creek		_
USGS QUAD: Ravena Delmar, NY	NOAA CHART # 12348		River Mile:	_
NOAA ESI ATLAS HRL-14	ESI MAP #14	LATITUDE 42-25' 23" NOI	RTH LONGITUDE <u>073-4</u>	16' 37" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	1 (60	7) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CUF	RRENTS: kts	
GEOGRAPHIC LOCATION: Everything beh	nind Houghtaling Island and Schodack	Island.\		
PHYSICAL DESCRIPTION: creek, extension	ve marshes			
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED TIDAL FLATS	MARSHES	X
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACHES		├	RUCTURES X
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY SH	ORE	
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL	. WINTER	
WILDLIFE: Migratory waterfowl, rare pla	ants, hunting, Eagles			
HABITAT: tidal wetlands				
THREATENED/ \Eagles				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP: ACO	F		
ACCESS:		_		
VEHICLE X				
BOAT X				
STAGING AREAS: Coeymans Boat Laur	nch			
COLLECTION POINTS: ACOE - land fill				
OTHER (RC): Marina in creek				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTEC	TIDII ITV		
DEFLECT	HIGH	TIDILIT.		
RECOVERY	LOW			
PROTECTION	MEDIUM	N	IIN BOOM LENGTH	ft
_ _		_	<u> </u>	
OTHER (PS				

PRIORITY A	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 1406 MAP NUMBER:	:14 SITE NAME: Binnen	Kill
USGS QUAD: Delmar, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS <u>HRL-14</u>	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 Coey	ymans, below twin bridges	
PHYSICAL DESCRIPTION: creek/marsh		
PHYSICAL DESCRIPTION: creek/marsh		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTER	D TIDAL FLATS MARSHES X RED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE:	DNAL CONSIDERATIONS: SPRING SUMM	ER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Small boats can be launch	ned at the base of a hill on the west bank of the kill.	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STACING ABEAS: Cookmana Boot Lou	unch professed staging area)amell maring	
STAGING AREAS: Coeymans Boat Lau COLLECTION POINTS:	unch - prefered staging area\small marina	
OTHER (RC):		
OTHER (NO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн	
RECOVERY [LOW	
PROTECTION	MEDIUM X	MIN BOOM LENGTH 2400 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 1407 MAP NUMBER:	:14 SITE NAME: Bak	ker Creek
USGS QUAD: Delmar, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS HRL-14	ESI MAP# 14 LATITU	JDE <u>42-31' 31"</u> NORTH LONGITUDE <u>073-46' 22"</u> 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 Coeyma	ans, above twin bridges	
PHYSICAL DESCRIPTION: creek/marsh		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHEL	OSED TIDAL FLATS LTERED TIDAL FLATS LTERED ROCKY SHORE MAN-MADE STRUCTURES
RESOURCES AT RISK SEASO WILDLIFE:	DNAL CONSIDERATIONS: SPRING SL	JMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Bulkhead on perimeter of c	creek submerged at high tide.	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE BOAT X		
STAGING AREAS: CoeymansBoat Laur	nch\Castleton-on-Hudson Launch	
COLLECTION POINTS:	nch/Castleton-on-Audson Launch	
	ng up to mouth of creek accessable by skiff only	
CHAIN WAR I CAU	ig up to mount of creek accessable by skill only	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILIT	ΓY:
DEFLECT	HIGH 🔲	
RECOVERY [LOW	
PROTECTION X	MEDIUM X	MIN BOOM LENGTH 500 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA SUM	MARY DATE
SITE # 1501 MAP NUMBER:	15 SITE NAME: V	loman Kill
USGS QUAD: Delmar, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS <u>HRL-15</u>	ESI MAP # 15 LATIT	UDE <u>42-32' 35"</u> NORTH LONGITUDE <u>073-45' 36"</u> 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHI	POSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
WILDLIFE: sturgeon		
HABITAT: spawning, sturgeon		
THREATENED/		
ENDANGERED:		
OTHER (RR): Henry Hudson Park (west b	ank north of area).	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X There is a	state park just north of the kill.	
BOAT X		
STAGING AREAS: Coeymans Boat Lau	nch\Henry Hudson Park Boat Launch	
COLLECTION POINTS: Albany - Corning Pre	•	
OTHER (RC): ACOE seawall at both		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	JTY:
DEFLECT	HIGH X	
RECOVERY [LOW	
PROTECTION X	MEDIUM 🔲	MIN BOOM LENGTH 500 ft
OTHER (PS	_	

PRIORITY A	SENSITIVE AREA S	SUMMARY	DATE <u>11/20/98</u>	<u>3</u>
SITE # 1502 MAP NUMBER:	15 SITE NA	ME: Papscanee Creek		_
USGS QUAD: Delmar, NY	NOAA CHART # 12348		River Mile:	_
NOAA ESI ATLAS <u>HRL-15</u>	ESI MAP #15	LATITUDEN	ORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1		607) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX C	SURRENTS: kts	
GEOGRAPHIC LOCATION: Campbell Isla	nd North of Castleton-on-Hudson			
PHYSICAL DESCRIPTION: creek/marsh				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES X GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLAT X SHELTERED TIDAL FLAT SHELTERED ROCKY	LATS MAN-MADE ST	RUCTURES X
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER FA	LL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Bulkhead at mouth of creek	s submerged at high tide			
OTTIER (KIX). Duikilead at Mouth of Cleek	. Submerged at might lide.			
RESPONSE CONSIDERATIONS	OWNERSHIP: AC	OE		
ACCESS:	roads			
VEHICLE X ACCE dir. BOAT X	Todas			
STAGING AREAS: Henry Hudson Park	Boat Launch\Cedar Hill Boat Launch			
COLLECTION POINTS: Albany - Corning Pre	serve			
OTHER (RC): Submerge reef acros	ss 70% of opening			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTE	ECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MINI BOOM LENGTH	000 f
PROTECTION X	MEDIUM		MIN BOOM LENGTH	900 ft
OTHER (PS				

PRIORITY B	SENSITIVE AREA	A SUMMA	RY DATE 11	/20/98
SITE # 8 MAP NUMBER:	7,8 SITI	E NAME: Liberty Isla	and	
USGS QUAD: NY	NOAA CHART #		River Mile:	
NOAA ESI ATLAS <u>UPPER NY BAY</u>	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 F	Park Historical Site, Ferry Rack.			
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAF	IES SHELTERE	TIDAL FLATS MARSH D TIDAL FLATS MAN-MA D ROCKY SHORE	ES ADE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPE	RING SUMMER	R	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS: Liberty Harbor Marina	a (M45) (201) 451-1000			
COLLECTION POINTS:	, (. ,			
OTHER (RC):				
PROTECTION STRATEGIES			_	_
BOOM METHOD:	DEGREE OF PR	ROTECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY [LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	1 1000 ft
OTHER (PS	_			

PRIORITY B	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		ED TIDAL FLATS MARSHES
RANK FINE SAND BEACHES		ERED TIDAL FLATS MAN-MADE STRUCTURES ERED ROCKY SHORE
DECOLIDORS AT DISK	NAL CONCIDEDATIONS: CROING TO CLIM	MED CLEAN COMMITTEE CO
	NAL CONSIDERATIONS: SPRING SUM	MER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн 🔲	
RECOVERY X	LOW	MILL DO 0111 - 1110-111
PROTECTION X	MEDIUM	MIN BOOM LENGTH 5000 ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>	
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	<u>° 38' 00"</u> NORTH LONGITUDE <u>073° 48' 00"</u> 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: GEOGRAPHIC LOCATION: Northeast Jam	TIDAL RANGE 5-6 ft aica Bay / southwest shore of JFK Airport, Queens	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: Sandy beach f	ronted by tidal flats		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS X MAN-MADE STRUCTURES D ROCKY SHORE	
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING B SUMMER	B FALL B WINTER B	
WILDLIFE: Resident and wintering water bluefish, cod, mackerel, sun	erfowl (wintering Nov-Mar), wading birds, and shorebir		
HABITAT: Migratory and wintering area	a for birds; nursery area for fish		
THREATENED/ Piping plover (Mar 15-Sept15), although not observed nesting in approximately 10 years ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP: Port Authority of NY	/ NJ	
ACCESS: VEHICLE BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 5000 ft

HIGH

LOW

MEDIUM

BOOM METHOD:

PROTECTION

DEFLECT

OTHER (PS

RECOVERY

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE #15 MAP NUMBER:	NY-8,9,9a SITE NAME: Elizabeth I	River
USGS QUAD: Elizabeth, NJ-NY	NOAA CHART # 12333, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 5 LATITUDE 40	0° 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	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: GEOGRAPHIC LOCATION: Arthur Kill / Eliz	TIDAL RANGE 5 - 6 ft zabeth, NJ; 0.6 nm northeast of Goethels Bridge	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES OF TOOCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: HABITAT:	NAL CONSIDERATIONS: SPRING SUMMER	R
THREATENED/ ENDANGERED: OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X STAGING AREAS: Elizabeth Marina (M1) COLLECTION POINTS: OTHER (RC):		

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 1500 ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:
DEFLECT

PROTECTION X

RECOVERY

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 17 MAP NUMBER:	NY-9, 9a SITE NAME: Morses Cr	eek
USGS QUAD: Elizabeth, NJ-NY	NOAA CHART # <u>12333, 12327</u>	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	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
	TIDAL RANGE 5 - 6 ft nden, NJ; 1/4 mile SW of Goethals Bridge	MAX CURRENTS: kts
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE
WILDLIFE: Forage fish, incl. killifish, ba gadwalls, ruddy ducks, coo	NAL CONSIDERATIONS: SPRING B SUMMER by anchovy, & Atlantic silversides; wading birds; wate t, Canada geese, & mute swans; hooded, red-breaste ating pintail and wigeon; mammals, incl. muskrat, red	rfowl, incl. black ducks, mallard, blue/green wing teal, d, and common mergansers; wintering canvasback, sc
	vading birds that roost at Shooters Island and Pralls Is ory area for pintail and wigeon (Oct-Mar)	land; important open water area for mergansers (FA-W
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X partial veh BOAT X	icle access	
STAGING AREAS: Phelps Dodge - (908 COLLECTION POINTS: OTHER (RC):) 351-3200	

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH X

RECOVERY LOW MEDIUM MIN BOOM LENGTH 1500 ft

OTHER (PS

PRIORITY B	SENSITIVE AREA SUMMAI	RY DATE <u>11/20/98</u>
SITE # 18 MAP NUMBER:	NY-9, 9a SITE NAME: Piles Creek	<u> </u>
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
PHYSICAL DESCRIPTION: Meandering tide SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES RESOURCES AT RISK SEASON	GRAVEL BEACHES/RIPRAP SHELTERED NAL CONSIDERATIONS: SPRING B SUMMER	DIDAL FLATS X MARSHES DITIDAL FLATS MAN-MADE STRUCTURES X PROCKY SHORE
teal, gadwalls, ruddy ducks,		, and common mergansers; wintering canvasback, sca
	vading birds that roost at Shooters Island and Pralls Isl I waterfowl (WI); migratory area for pintail and wigeon	and; nesting area for waterfowl; important open water (Oct-Mar)
THREATENED/ \ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE BOAT X		
STAGING AREAS: Linden Northville Tender COLLECTION POINTS: OTHER (RC):	minal - (908) 862-5740	

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION MIN BOOM LENGTH 300 ft

	SENSITIVE AREA SUMMA	
SITE # 23 MAP NUMBER:	NY-9,9a,9b SITE NAME: Rahway I	Rivei
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12333, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP# 4 LATITUDE 4	10° 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
PHYSICAL DESCRIPTION: 20 mile long r	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP SHELTERI	MAX CURRENTS: kts y lower 4-5 miles are tidally influenced; saltmarshes at n TIDAL FLATS
WILDLIFE: Large numbers of forage fix C. geese, & mute swans; I		R B FALL B WINTER B s, mallard, blue/green wing teal, gadwalls, ruddy ducks, of tering canvasback, scaup, gadwalls, buffleheads; pintail
HABITAT: Important nesting area for wigeon (Oct-Mar)	waterfowl; important open water area for mergansers	(FA-WI) and waterfowl (WI); migratory area for pintail a
THREATENED/ \ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
	OWNERSHIP:	
ACCESS:	OWNERSHIP:	
	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	OWNERSHIP:	

PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	ніgн X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1500 ft
OTHER (PS	_	

OTHER (RC):

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-12 SITE NAME: Cheesqua	ke Creek
USGS QUAD: South Amboy, NJ-NY	NOAA CHART # 12331, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 1 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Raritan Bay / S	TIDAL RANGE <u>5 - 6</u> ft South Amboy, NJ; west of Keyport	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Tidal creek dra SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
WILDLIFE: Forage fish, y-o-y bluefish, v ducks, coot, C. geese, & mu pintail and wigeon; mammal	ute swans; hooded, red-breasted, and common merg ls, incl. muskrat, fox, racoon, skunk	ack ducks, mallard, blue/green wing teal, gadwalls, rudo ansers; wintering canvasback, scaup, gadwalls, bufflel
HABITAT: Important nesting area for w wigeon (Oct-Mar); feeding a		(FA-WI) and waterfowl (WI); migratory area for pintail a
THREATENED/ ENDANGERED:		
OTHER (RR):		
DESPONSE CONSIDERATIONS	OWNEDCHID.	
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: Zubak's Marina (732)	OWNERSHIP:	
COLLECTION POINTS:		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW MEDIUM MIN BOOM LENGTH 300 ft

OTHER (PS

OTHER (RC):

PRIORITY B	SENSITIVE AR	EA SUMMA	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # 30 MAP NUMBER	R: 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEACHES/RIPE	ACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	TRUCTURES
RESOURCES AT RISK SEAS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ONAL CONSIDERATIONS:	SPRING SUMMER	R FALL WINTER	
RESPONSE CONSIDERATIONS	OWNERSHIP	:		
ACCESS: VEHICLE X BOAT X				•
STAGING AREAS: Richmond County COLLECTION POINTS: OTHER (RC):	Y.C. (M5) (718) 948-9615			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF	PROTECTIBILITY:		
DEFLECT X	HIGH [
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	1600 ft
OTHER (PS				

PRIORITY B	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 39 MAP NUMBER:	1 SITE NAME: Glen Co	ve Creek
Lugge grup	NOAL CHART II	D: 14
USGS QUAD:	NOAA CHART #	River Mile:
NOAA ESI ATLAS LONG ISLAND SOUNI	D 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	─	D TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES		RED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SUMME	ER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Glenn Cove Marina ((M)32 (800)564-2683	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES	DEODEE OF PROTECTION ITY	
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT RECOVERY	HIGH [
PROTECTION X	LOW [MIN BOOM LENGTH 300 ft
_	WEDIOW	
OTHER (PS		

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE11/20/	<u>'98</u>
SITE # 42 MAP NUMBER:	1 SITE	NAME: Manhasset Bay		
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS LONG ISLAND SOUNI	<u> </u>	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHON	lE	
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX	CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FI SHELTERED TIDAL SHELTERED ROCK	. FLATS MAN-MADE S	STRUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRIN	NG SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			_
ACCESS:				
VEHICLE				
BOAT X				
STAGING AREAS: MANHASSET MARI	NA WEST (M)27 (516) 883-8411			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MINI DOGALLESSON	0000 "
PROTECTION X	MEDIUM		MIN BOOM LENGTH	3600 ft
OTHER (PS				

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
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 <u>NY Harbor</u>	ESI MAP # 17 LATITUDE 40	<u>0° 48' 00"</u> NORTH LONGITUDE <u>073° 46' 00"</u> 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 at GEOGRAPHIC LOCATION: North shore of	cres TIDAL RANGE 7 - 8 ft Long Island, between Fort Totten and Great Neck; Q	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Shallow coasts	al bay bordered by dense residential development	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE
	NAL CONSIDERATIONS: SPRING B SUMMER	
WILDLIFE: Waterfowl, including ducks a	and geese; finfish, including striped bass; shellfish, in	ncluding hard clams
HABITAT: One of about 5 major waterf for striped bass and other file	owl wintering areas on N shore of LI; migratory stoponfish; young clams are harvested here for transplanting	ver for waterfowl as well; important nursery and feeding ng into approved commercial
THREATENED/ ENDANGERED:		
OTHER (RR): NY State Significant Coasta	I Habitat\Heavy recreational fishing and boating area	
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks	
ACCESS:	THE TAILS	
VEHICLE		
BOAT X		
STAGING AREAS: U.S. Maritime Acade	my (M19) - (516)773-5232\USCG Station Ft. Totten (M	123) - (718) 352-4422
COLLECTION POINTS:	my (wito) - (310)113-323210300 Station Ft. Totten (w	120) - (1 10) 302-4422
OTHER (RC):		
PROTECTION STRATEGIES		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW X
PROTECTION MEDIUM MIN BOOM LENGTH 800 ft

OTHER (PS

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>		
SITE # 45 MAP NUMBER:	NY-1, 2 SITE NAME: Orchard B	each		
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 12364	River Mile: NOAA 12		
NOAA ESI ATLAS NY Harbor	ESI MAP # 17 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Western Long	TIDAL RANGE 7 - 9 ft Island Sound / Pelham Bay Park, Bronx	MAX CURRENTS: kts		
GEOGRAPHIC LOCATION. Western Long	Island Sound / Femani Bay Faik, Biolix			
PHYSICAL DESCRIPTION: NYC Park bath	ning beach and picnic areas			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS X MARSHES D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE		
RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING B SUMMER B FALL B WINTER B				
WILDLIFE: Birds, including shorebirds a	and waterfowl			
HABITAT: Feeding and overwintering area for birds				
Tocality and overwintering area for binds				
THREATENED/ ENDANGERED:				
OTHER (RR): Recreational area; Pelham Bay Park is managed by NYC Parks and used extensively by the public				
OTHER (TRIV).				
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW LOW PROTECTION X MEDIUM MEDIUM MIN BOOM LENGTH 3300 ft

OTHER (PS

SITE # 46 MAP NUMBE	R: NY-8,9,9a SITE	NAME: Bodine Cr	reek
USGS QUAD: Elizabeth, NJ	NOAA CHART # 123	33, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 5	LATITUDE 4	0° 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: GEOGRAPHIC LOCATION: North State	TIDAL RANGE 4 -		MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Creek, with SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED SHELTERE	TIDAL FLATS TIDAL FLATS ED TIDAL FLATS ED ROCKY SHORE
RESOURCES AT RISK SEA WILDLIFE: Birds	SONAL CONSIDERATIONS: SPRI	NG B SUMMER	R B FALL B WINTER B
HABITAT: Salt marsh at creek mou	uth; potential feeding area for birds		
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X BOAT X	-		
STAGING AREAS: Marine Power and COLLECTION POINTS: OTHER (RC):	d Light (M57) - (718) 442-8018\Port Ri	chmond WTP	

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION X MEDIUM MIN BOOM LENGTH ft

PRIORITY B	SENSITIVE AREA SUMI	MARY DATE <u>11/20/98</u>
SITE #51 MAP NUMBER:	1 SITE NAME: Dav	enport Neck
USGS QUAD:	NOAA CHART #	River Mile:
NOAA ESI ATLAS	ESI MAP # LATITUI	DENORTH 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:		
SECONAL THE ECONOMIC		
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHEL	DSED TIDAL FLATS MARSHES TERED TIDAL FLATS MAN-MADE STRUCTURES TERED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SU	MMER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Wrights Island Marin	a (914)235-8013	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
ВООМ МЕТНОД:	DEGREE OF PROTECTIBILIT	Y:
DEFLECT	нідн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 400 ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE #55 MAP NUMBER:	1 SITE NAME: B	yram River
USGS QUAD:	NOAA CHART #	River Mile:
NOAA ESI ATLAS	ESI MAP# LATIT	TUDENORTH 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SH	POSED TIDAL FLATS MARSHES ELTERED TIDAL FLATS MAN-MADE STRUCTURES ELTERED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	LITY:
DEFLECT	HIGH	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 66 MAP NUMBER:	NY-12 SITE NAME: Flat Cre	eek
USGS QUAD: Keyport, NJ-NY	NOAA CHART # 12331, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 3 LATITUDE	40° 26' 55" NORTH LONGITUDE 074° 09' 50" WEST
AGENCY/CONTACT 1 NJDEP/Marty McHugh 2 NJDEP/Bruce Freeman 3 NJDEP/Paul Castelli	EXPERTISE 1 Biology/ecology/NRDA 2 Marine fish and shellfish 3 Waterfowl and avian species	PHONE 1 (609)984-1220 2 (609)292-2083\NJ 3 (609)748-2047
	SAND AND GRAVEL BEACHES SHELTER	MAX CURRENTS: kts n area D TIDAL FLATS X MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES X RED ROCKY SHORE
WILDLIFE: Forage fish and blue crabs; i swans; hooded, red-breaste mammals, incl. muskrat, fox	ed, and common mergansers; wintering canvasbac , racoon, skunk aterfowl; important open water area for merganse	ER B FALL B WINTER B green wing teal, gadwalls, ruddy ducks, coot, C. geese, & ck, scaup, gadwalls, buffleheads; migrating pintail and wige rs (FA-WI) and waterfowl (WI); migratory area for pintail and wige services.
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: Wagner Twin Towers COLLECTION POINTS: OTHER (RC):	OWNERSHIP: Marina (M13) - (732) 583-6930 / (732) 566-5821 (I	Night)

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION X MEDIUM MIN BOOM LENGTH 400 ft

PRIORITY B	SENSITIVE AR	EA SUMMA	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # 67 MAP NUMBER	R: <u>6</u>	SITE NAME: Ellis Island	1	_
USGS QUAD:	NOAA CHART #		River Mile:	_
NOAA ESI ATLAS <u>NY HARBOR</u>	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1	1		1	
2	3		3	
3	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACH SAND AND GRAVEL BE GRAVEL BEACHES/RIP	ACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	FRUCTURES
RESOURCES AT RISK SEAS WILDLIFE:	ONAL CONSIDERATIONS:	SPRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHII	P:		
ACCESS:				
VEHICLE X				
BOAT X				
·	ina (M45) (201)451-1000			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE O	F PROTECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY X	LOW			
PROTECTION X	MEDIUM	Ш	MIN BOOM LENGTH	6000 ft
OTHER (PS				

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>	
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	9° 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	
PHYSICAL DESCRIPTION: Sandy beach /	recreational area		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE MAN-MADE STRUCTURES D	
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING B SUMMER	FALL B WINTER B	
WILDLIFE: Waterfowl			
HABITAT: Wintering and migratory area for waterfowl			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:		<u> </u>	
VEHICLE X			
BOAT X			
STAGING AREAS: Sheepshead Bay Mar	rina (M2) - (718) 891-0991 / (718) 891-3359 (night)		
COLLECTION POINTS:			
OTHER (RC):			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-2, 3 SITE N	NAME: Oak Point Rail Si	te
USGS QUAD: Central Park, NY	NOAA CHART # 1233	39, 12342	River Mile: NOAA 12
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 12	LATITUDE 40° 48' 2	NORTH LONGITUDE 073° 53'50" WEST
AGENCY/CONTACT 1 NYC DEP 2	EXPERTISE 1 Natural Resources 2	PHC 1 2	NE (718)595-6592
3	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: East River / Br	TIDAL RANGE 7 - 8	8 ft MA	AX CURRENTS: kts
PHYSICAL DESCRIPTION: Small, shallow SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	cove area with developed shorelin COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL	FLATS MARSHES AL FLATS MAN-MADE STRUCTURES >
RESOURCES AT RISK SEASON WILDLIFE: HABITAT:	IAL CONSIDERATIONS: SPRIN	NG SUMMER	FALL WINTER
THREATENED/ ENDANGERED: OTHER (RR):			
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: Port Morris or Hunt's COLLECTION POINTS: OTHER (RC):	OWNERSHIP:		

DEGREE OF PROTECTIBILITY: BOOM METHOD:

HIGH

DEFLECT RECOVERY

LOW MEDIUM

PROTECTION X

MIN BOOM LENGTH 500 ft

PRIORITY B	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	NY-1, 2 SITE NAME: Weir	r Creek
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 12364	River Mile: NOAA123
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 17 LATITUE	DE 40° 49' 40" NORTH LONGITUDE 073° 48' 40" WEST
AGENCY/CONTACT 1 NYC DEP 2 3	EXPERTISE 1 Natural Resources 2 3	PHONE 1 (718)595-6592 2 3
	SAND AND GRAVEL BEACHES X SHELT	
RESOURCES AT RISK SEASON WILDLIFE: Birds, fish	NAL CONSIDERATIONS: SPRING B SUI	MMER B FALL WINTER
HABITAT: Feeding area for birds; feeding area for bird	ing and nursery grounds for finfish	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	ove approximately 5 feet;\Ellsworth / 1st Avenue	e, Edgewater Park
STAGING AREAS: Ever Seaplane Base COLLECTION POINTS: OTHER (RC):	and Marina (M21) - (718) 863-9111	

MIN BOOM LENGTH _____ ft

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH RECOVERY LOW

PROTECTION X MEDIUM

PRIORITY B	SENSITIVE AREA SUM	IMARY DATE <u>11/20/98</u>
SITE # 78 MAP NUMBER:	NY-1, 2 SITE NAME: Po	owell's Cove
OTTE #	WI 1, Z	Swell & Gove
USGS QUAD: Flushing, NY	NOAA CHART # 12366, 12363	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP # 17 LATIT	UDE 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
PHYSICAL DESCRIPTION: Shallow cove of the state of the st	SAND AND GRAVEL BEACHES SHE GRAVEL BEACHES/RIPRAP X SHE	
WILDLIFE: Birds, fish HABITAT: Feeding, migratory and wint THREATENED/ ENDANGERED: OTHER (RR):	ering area for birds; fish nursery	
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC Parks	/ Private
BOAT X	outh of cove approximately 3 - 5 feet;\Powell's	s Cove Blvd and 9th Avenue, College Point
	tten (M23) - (718) 352-4422	
COLLECTION POINTS: OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	ITY:

HIGH

LOW

MEDIUM

MIN BOOM LENGTH _____ ft

DEFLECT

OTHER (PS

RECOVERY

PROTECTION X

PRIORITY B	SENSITIVE AREA SU	J MMARY DATE <u>11/20/98</u>
SITE # MAP NUMBE		:: Hallets Cove
USGS QUAD: Central Park, NY	NOAA CHART # 12339, 123	River Mile: NOAA 12
NOAA ESI ATLAS NY Harbor	ESI MAP #12	ATITUDE 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: GEOGRAPHIC LOCATION: East River	TIDAL RANGE 5 - 6 / Astoria, Queens; east of Roosevelt Island,	ft MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Navigable	cove	
SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES >
RESOURCES AT RISK SEA WILDLIFE: Birds, fish	SONAL CONSIDERATIONS: SPRING B	SUMMER B FALL B WINTER B
HABITAT: Migratory and wintering	area for birds	
THREATENED/ ENDANGERED:		
OTHER (RR): Commercial and recrea	tional fishing area; small park along shoreline	е
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	Blvd and 30th Drive, Astoria	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECT	IBILITY

PROTECTION	STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT X	ніgн	
	RECOVERY	LOW	
	PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	_	-	

SITE # 80 MAP NUMBER:	NY-4 SITE NAME: Rive	rwalk Cove
USGS QUAD: Brooklyn, NY	NOAA CHART # 12335, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 11 LATITUE	DE <u>40° 44' 00" NORTH LONGITUDE</u> <u>073° 58' 25"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE
NYC DEP	1 Natural Resources	1 (718)595-6592
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	t Manhattan; from Stuyvesant Town (14th St.)	to 25th St.
PHYSICAL DESCRIPTION: Shallow cove w	ith pier structures	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHEL	SED TIDAL FLATS MARSHES TERED TIDAL FLATS MAN-MADE STRUCTURES X TERED ROCKY SHORE
RESOURCES AT RISK SEASON.	AL CONSIDERATIONS: SPRING SUI	MMER FALL WINTER B
WILDLIFE: Fish, including striped bass		
HABITAT: Overwintering area for severa	al fish species; benthic and rocky habitat	
THREATENED/ ENDANGERED:		
OTHER (RR): Proposed public park and ma	arina	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X FDR Drive	& 14th Street\\	
BOAT X		
STAGING AREAS: Skyport Marina (M37)	- (212) 686-4548	
COLLECTION POINTS:		
OTHER (RC):		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW LOW PROTECTION X MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY B	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>	
SITE # 81 MAP NUMBER:	NY-9, 9b SITE N	IAME: Conference	House Park	
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 1233	1, 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	<u> </u>	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION: Arthur Kill / Ra	aritan River confluence, Southwest t	ip of Staten Island		
PHYSICAL DESCRIPTION: Sandy beach, bluffs, fresh water ponds; hackberry grove				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	<u> </u>	DAL FLATS X MARSHES O TIDAL FLATS MAN-MADE STRUCTURES O ROCKY SHORE	
			П П	
RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING SUMMER SHALL WINTER WILDLIFE: Birds, amphibians, reptiles				
WILDEITE. Birds, ampribians, repuies				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Public park; Federal and St	ate historic designation			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
BOAT				
STAGING AREAS: Princess Bay / Segui	ne Point			
COLLECTION POINTS:	110 1 Ont			
OTHER (RC):				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH COVERY COVERY COVERY COVERY MEDIUM MIN BOOM LENGTH ft

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>	
SITE # 82 MAP NUMBER:	NY-10 SITE NAME: Coney Isla	nd Creek	
USGS QUAD: Coney Island & Narrows, NY	NOAA CHART # 12402, 12327	River Mile: NOAA 12	
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 10, 7 LATITUDE 40	0° 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: GEOGRAPHIC LOCATION: Gravesend Ba	TIDAL RANGE 5-6 ft y / north Coney Island, Brooklyn	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: Shallow, semi-navigable tidal creek with fringing marshes; numerous obstructions to navigation SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS MARSHES TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE			
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING B SUMMER	FALL B WINTER B	
WILDLIFE: Birds, including waterfowl			
HABITAT: Migratory and wintering area	a for birds		
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:			
VEHICLE \\			
BOAT X			
STAGING AREAS: Neptune Marina (M3)			
COLLECTION POINTS:			
OTHER (RC):			

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 800 ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:
DEFLECT

PROTECTION X

RECOVERY

PRIORITY B	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 83 MAP NUMBER:	NY-10 SITE NAME: Sommerv	ille Basin
USGS QUAD: Far Rockaway, NY	NOAA CHART # 12350, 12326	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP# 15 LATITUDE 4	0° 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	of Jamaica Bay / Arverne, Rockaway	
PHYSICAL DESCRIPTION: Relatively dee	ep, navigable bay with marsh shoreline on the eastern	side and tidal flats near the mouth
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS X MAN-MADE STRUCTURES ED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE: Birds, including waterfowl	NAL CONSIDERATIONS: SPRING B SUMME	R FALL B WINTER B
HABITAT: Migratory and wintering are	a for birds	
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:	OWNERSHIP:	
VEHICLE		
BOAT X		
STAGING AREAS: Thursby Avenue		
COLLECTION POINTS:		
OTHER (RC):		

PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE O	OF PROTECTIBILITY:
DEFLECT	HIGH	
RECOVERY	Low	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft

PRIORITY B	SENSITIVE ARE	A SUMMARY	Y DATE <u>11/20/98</u>
SITE # 84 MAP NUMBER:		E NAME: Norton Basin	
USGS QUAD: Far Rockaway, NY	NOAA CHART # 1:	2350, 12326	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP #15	LATITUDE 40° 36	<u>073° 46' 30"</u> WEST
AGENCY/CONTACT	EXPERTISE	P	HONE
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: GEOGRAPHIC LOCATION: Eastern Jamaie	TIDAL RANGE _ <u>{</u>		MAX CURRENTS: kts
PHYSICAL DESCRIPTION: Semi-navigable	e inlet with sandy beach / marsh	n shoreline, fronted by exte	ensive tidal flats near the mouth
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	⊢	DAL FLATS MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE: Birds, including waterfowl ar		RING B SUMMER E	FALL B WINTER B
HABITAT: Feeding, migratory, and wint	tering area for birds		
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:	City of New York (Bays)	vater Park)
ACCESS:			
VEHICLE			
BOAT X			
STAGING AREAS: Norton drive			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
POOM METHOD:		DOTECTIBILITY:	

ROTECTION ST	RATEGIES		
В	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
С	DEFLECT X	HIGH	
F	RECOVERY	LOW	
F	PROTECTION X	MEDIUM \square	MIN BOOM LENGTH ft

PRIORITY B	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>	
SITE # 85 MAP NUMBER:	NY-10 SITE NAME: Floyd	d Bennett Field Shoreline	
USGS QUAD: Coney Island NY-NJ	NOAA CHART # 12350, 12326	River Mile:	
NOAA ESI ATLAS NY Harbor	ESI MAP # 10 LATITUE	DE 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: GEOGRAPHIC LOCATION: Jamaica Bay /	TIDAL RANGE 5 - 6 ft Brooklyn; eastern shore of Floyd Bennet Field\	MAX CURRENTS: kts Gateway National Recreation Area (NPS)	
_	and marsh shoreline with adjacent exposed tidal		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES X GRAVEL BEACHES/RIPRAP X SHELTERED TIDAL FLATS X MAN-MADE STRUCTURES X SHELTERED ROCKY SHORE			
RESOURCES AT RISK SEASON WILDLIFE: Shorebirds and waterfowl; fi	—	MMER B FALL B WINTER B	
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 X BOAT X	lane ramps		
STAGING AREAS: Bergen Beach Yacht	Club (M6) - (718) 251-9792		
COLLECTION POINTS: Possible recovery are			
OTHER (RC):	•		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>	<u>3</u>
SITE # 101 MAP NUMBER:	1 SITE N	IAME: Sherman Creek		_
USGS QUAD:	NOAA CHART #		River Mile:	_
NOAA ESI ATLAS	ESI MAP #	LATITUDEN	ORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX C	URRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) RANK WAVE CUT PLATFORMS FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATING SHELTERED TIDAL FLATING SHELTERED ROCKY S	ATS MAN-MADE ST	RUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRIN	G SUMMER FA	LL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	- OWNEROIM .			
VEHICLE				
BOAT				
OTA ONO A PEAC				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	нідн			
RECOVERY	LOW \square			
PROTECTION	MEDIUM		MIN BOOM LENGTH	ft
OTHER (PS				
•				

PRIORITY B	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 102 MAP NUMBER:	1 SITE NAME: Inw	ood Park Bay
USGS QUAD: Yonkers, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>NY HARBOR</u>	ESI MAP# NY 13 LATITU	DE <u>40-52'15"</u> NORTH LONGITUDE <u>073-55'32"</u> 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 MANH	HATTAN ISLAND	
PHYSICAL DESCRIPTION: Tidal Bay		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	DSED TIDAL FLATS MARSHES LTERED TIDAL FLATS MAN-MADE STRUCTURES LTERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: MIGRATORY BIRD AREA	NAL CONSIDERATIONS: SPRING SL	JMMER FALL WINTER
HABITAT: Last Remaining Salt Marsh	on Manhattan Island used for environmental ed	ducation.
THREATENED/ ENDANGERED:		
OTHER (RR):		
	OWNEDOWD ANY D. L. D.	
RESPONSE CONSIDERATIONS	OWNERSHIP: NY Parks De	partment
ACCESS:		
VEHICLE X BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILIT	- Y:
DEFLECT	ніgн	
RECOVERY	LOW 🗍	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	ш	

PRIORITY B	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 304 MAP NUMBER:	3 SITE NAME: Crotor	n 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-Huc	dson to Ossining	
PHYSICAL DESCRIPTION: tidal bay/wetla	and Shallow Water 3 to 5 feet at MLW.	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ED TIDAL FLATS X MARSHES X ERED TIDAL FLATS X MAN-MADE STRUCTURES ERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: fish nursery area\resident from	NAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
WEDEN E. HOW HURSDRY dreamestacht his	soliwater horit	
HABITAT: extensive submerged aquat	ic vegitation beds	
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
	ess to Croton Point and inside Croton Bay Cove.\S	Shallow water for boat access.
_	Laurah	
STAGING AREAS: Ossining Town Boat I	Laurion	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	нідн 🔲	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH 4000 ft
OTHER (PS	_	

PRIORITY B	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 404 MAP NUMBER:	4 SITE NAME: Ge	eorges Island Park
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1 LATITU	UDE 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
3	3	3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Montrose		
PHYSICAL DESCRIPTION: bay/park (sma	ill bay)	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHE	OSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING S	UMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Westcheste	r County
ACCESS:		<u> </u>
VEHICLE X		
воат		
STAGING AREAS: Site is a good staging	g area with boat ramp on site in park.	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:
DEFLECT	HIGH	
RECOVERY X	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
SITE # 417 MAP NUMBER:	4 SITE NAME	Annsville Creek
USGS QUAD: Peekskill, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-3 LA	TITUDE 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/we	tland/railroad tressel opening	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	IAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X Good access BOAT X	ss from Peekskill Boat Launch	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECT	BILITY:
DEFLECT	HIGH X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 500 ft

PRIORITY B	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 418 MAP NUMBER:	4 SITE NAME: S. I	lona Is.: Marsh/ Hudson R.
USGS QUAD: Peekskill, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-3 LATITU	JDE 41°17'53" NORTH LONGITUDE 73°58'15" WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1 DEC/ J. O'Mara 2	1 Spill Response	1 (914)437-6720
3	3	3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Bear Mountain	1	
PHYSICAL DESCRIPTION: south entrance	e to wetland, shallow water	
SUSPELINE EXPOSED BOOK SUSPES IN	7	
SHORELINE EXPOSED ROCKY SHORES YOUR (ESI) WAVE CUT PLATFORMS	-	OSED TIDAL FLATS MARSHES LTERED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHE	LTERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SU	JMMER FALL WINTER
WILDLIFE: Waterfowl nesting		
HABITAT: Tidal marsh		
HABITAT. Haai maisii		
THREATENED/ \Least Bittern nesting, prote	cted in NYS.	
ENDANGERED:		
OTHER (RR): National Estuary Research	Reserve NERR (Iona Island Marsh)	
RESPONSE CONSIDERATIONS	OWNERSHIP: Palisades Pa	ark Comm.
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): Hudson River side of	marsh	
PROTECTION STRATEGIES		
PROTECTION STRATEGIES BOOM METHOD:	DEGREE OF PROTECTIBILIT	TY:
DEFLECT X	HIGH	
RECOVERY [LOW 🗍	
PROTECTION	MEDIUM	MIN BOOM LENGTH750 ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUM	IMARY DATE <u>11/20/98</u>
SITE # 421 MAP NUMBER:	4 SITE NAME: Po	opolopen Creek (w/RR outlet)
USGS QUAD: Peekskill, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3 LATIT	UDE 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		
CHORELINE EXPOSED DOCKY CHORES	T COARSE SAND BEACHES X EXE	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		POSED TIDAL FLATS MARSHES ELTERED TIDAL FLATS X MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES	-	ELTERED ROCKY SHORE
DECOURAGE AT DICK	LAL CONCIDEDATIONS. CRRING TO	UNAMED OF SALL OF WANTED OF
	NAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE Rt 9W		
BOAT X		
CTACING AREAC: Wast Reint		
STAGING AREAS: West Point		
COLLECTION POINTS:		
OTHER (RC):		
DROTECTION STRATEGIES		
PROTECTION STRATEGIES	DECREE OF PROTECTION	ITV.
BOOM METHOD:	DEGREE OF PROTECTIBIL	
DEFLECT	HIGH X	
RECOVERY	LOW	MIN BOOM LENGTH 750 ft
PROTECTION X	MEDIUM [IVIIN BOOM LENGTH 730 IL
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUMM	1ARY DATE <u>11/20/98</u>
SITE # 422 MAP NUMBER:	4 SITE NAME: Manit	ou Marsh (w/RR outlet)
USGS QUAD: Peekskill, NY	NOAA CHART # <u>12343</u>	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3 LATITUD	E 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: GEOGRAPHIC LOCATION: Manitou	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marsh area of	on the east side of the river.	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELT	SED TIDAL FLATS TERED TIDAL FLATS TERED ROCKY SHORE
WILDLIFE: Diverse reptile and amphibia		IMER
HABITAT: large tidal marsh		
THREATENED/ \ ENDANGERED:		
OTHER (RR): U>S> Army Corps of Engine bulkheads along the shore.	ers habitat restoration. Just west of this site, al	lso on the east side of the river are houses with man made
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X		
BOAT X		
STAGING AREAS: West Point		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DECREE OF PROTECTIBILITY	

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH DOWN DEGREE OF PROTECTIBILITY:

DEFLECT HIGH DOWN DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 600 ft

OTHER (PS

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE11/	/20/98
SITE # 501 MAP NUMBER:	5 SITE	NAME: Con Hook Marsh (N&	šS)	
USGS QUAD: Peekskill, NY	NOAA CHART # <u>123</u>	43	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3	LATITUDE <u>41°21'02"</u>	NORTH LONGITUDE	73°57'54" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 West Point	1 Wildlife	1 (9	14)938-3001	
2 West Point	2 Biologist	2 (9	14)938-2314	
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX 0	CURRENTS: kts	
GEOGRAPHIC LOCATION: Highland Falls				
PHYSICAL DESCRIPTION: open wetland				
SHORELINE EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHE	X EXPOSED TIDAL FLA S X SHELTERED TIDAL F SHELTERED ROCKY	FLATS MAN-MA	ES X DE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRI	NG SUMMER FA	ALL WINTER	7
WILDLIFE:				
HABITAT: Marsh wetlands				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	_			
VEHICLE				
BOAT X				
STAGING AREAS: West Point				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW			
PROTECTION	MEDIUM		MIN BOOM LENGTH	1750 ft
OTHER (PS	_			

PRIORITY B	SENSITIVE AREA SU	JMMARY DATE <u>11/20/98</u>
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 <u>Hudson River</u>	ESI MAP# HR-5 L/	ATITUDE 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		
DUVOICAL DECORIDEION.	. to wellend	
PHYSICAL DESCRIPTION: south entrance	to wetland	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): National historical monumer	nt	
- Tallona motoria motoria		
RESPONSE CONSIDERATIONS	OWNERSHIP: US Mil	itary Academy
ACCESS:		_
VEHICLE		
BOAT X		
STAGING AREAS: West Point		
COLLECTION POINTS: Gees Point collection	point at Target Hill Road	
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECT	IBILITY:
DEFLECT	HIGH X	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH1000_ ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUM	IMARY DATE <u>11/20/98</u>
SITE # 506 MAP NUMBER:	5 SITE NAME: Fo	oundry Cove Bay, HR side, north side Const. Is.
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-5 LATIT	TUDE 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	
CHORELINE EXPOSED BOOKY CHORES		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	-	POSED TIDAL FLATS MARSHES ELTERED TIDAL FLATS MAN-MADE STRUCTURES X
RANK FINE SAND BEACHES X		ELTERED ROCKY SHORE X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Stage at West Point of	or Newburgh	
COLLECTION POINTS: Gees Point		
OTHER (RC):		
, ,		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	JTY:
DEFLECT X	нідн П	
RECOVERY	Low \square	
PROTECTION	MEDIUM X	MIN BOOM LENGTH 5000 ft
<u> </u>	MEDIOW A	
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 509 MAP NUMBER:	5 SITE NAME: Little	tle Stony Point (N&S coves)
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-5 LATITU	UDE 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 Po	pint	
PHYSICAL DESCRIPTION: bay on south s	side, shallow marsh area on north side.	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHE	POSED TIDAL FLATS MARSHES X ELTERED TIDAL FLATS MAN-MADE STRUCTURES X ELTERED ROCKY SHORE X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING S	UMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X Rt 9D		
BOAT X		
STAGING AREAS: West Point		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:
DEFLECT X	HIGH \square	•••
RECOVERY	Low \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1500 ft
	MEDIOM [
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 513 MAP NUMBER:	5 SITE NAME: Mc	oodna Creek mouth HR shore/Plum Pt.
USGS QUAD: Cornwall, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-4 LATITU	JDE 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-H	udson	
PHYSICAL DESCRIPTION: bay/wetland er	ntrance	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	OSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING B S	UMMER B FALL B WINTER B
WILDLIFE: important fish - spawning ha	ubitat\Eagles and osprey	
HABITAT: Major freshwater tributary to	Hudson River.	
THREATENED/ Bald Eagles in summer and ENDANGERED:	winter\Least Bittern nesting, protected in NYS	
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
	Cowanesee Pk., access road next to Toyota de	ealer
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): HR shore/Plum Pt.		
ernervine, monoror tam t		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:
DEFLECT X	ніgн	
RECOVERY	LOW	
PROTECTION	MEDIUM X	MIN BOOM LENGTH 5000 ft
OTHER (PS		
OTTIEN (I O		

PRIORITY B	SENSITIVE AREA	SUMMA	RY DATE _	11/20/98
SITE # 601 MAP NUMBER:	6 SITE	NAME: Denning Po	int Bay	
USGS QUAD: West Point	NOAA CHART # 1234	43	River Mile	:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-5	LATITUDE 41°	29'02" NORTH LONGITU	JDE <u>73°59'03"</u> 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/we	etland behind point			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	—	LL	RSHES N-MADE STRUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIFRAF	A SHELTERED	ROCKI SHOKE	
		🗆		
	NAL CONSIDERATIONS: SPRIN	NG B SUMMER	B FALL B WINT	ER B
<u>WILDLIFE:</u> Important fish - spawning ha	abitat			
HADITAT Mains for about a still standard	the Hodere Piece			
HABITAT: Major freshwater tributary to	the Hudson River.			
THREATENED/ \Osprey ENDANGERED:				
OTHER (RR):				
OTTEN (MY).				
RESPONSE CONSIDERATIONS	OWNERSHIP: N	NYS DEC		
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS: Boat launch at Newbo	urgh			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	ніGн			
RECOVERY	LOW		LIN BOOM =	NOTH 5000 f
PROTECTION	MEDIUM		MIN BOOM LEN	NGTH5000 ft
OTHER (PS				

PRIORITY B	SENSITIVE AREA S	UMMARY DATE <u>11/20/98</u>	
SITE # MAP NUMBER:	7 SITE NAM	E: New Hamburg Cove	
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 12347	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-7 I	LATITUDE 41°35'35" NORTH LONGITUDE 73°57'01" WES	3T
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: GEOGRAPHIC LOCATION: New Hamburgi	TIDAL RANGE	ft MAX CURRENTS: kts	
OLOGIAL THO LOGATION. New Hamburgh			
PHYSICAL DESCRIPTION: North side of b	ay		
SHORELINE EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS MARSHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES SHELTERED ROCKY SHORE	
WILDLIFE:	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER	
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:	DEGREE OF PROTEC	TIBILITY:	
DEFLECT X	HIGH		
RECOVERY	LOW 🗍		
PROTECTION	MEDIUM	MIN BOOM LENGTH 500 ft	

PRIORITY B	SENSITIVE AREA SUN	MARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	7	'an Keurens (w/RR outlet)
USGS QUAD: Poughkeepsie, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-8 LATIT	TUDE 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
3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Van Keurens	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: bay		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SH	POSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING :	SUMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	LITY:
DEFLECT	нідн П	
RECOVERY	LOW \square	
I H		MIN BOOM LENGTH 500 ft
PROTECTION X	MEDIUM [233 22.10111 1330_ 11
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUI	MMARY DATE <u>11/20/98</u>
SITE # 807 MAP NUMBER:	8 SITE NAME:	Crum Elbow Creek mouth
USGS QUAD: Hyde Park, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-9 LAT	ITUDE 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 RANGEft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Hyde Park		
PHYSICAL DESCRIPTION: creek (w/RR or	utlet)	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SI	XPOSED TIDAL FLATS HELTERED TIDAL FLATS HELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
	bout 30 boats are on moorings outside the	crook
OTTEN (NN). Sitial boats inside creek. At	Jour 30 boats are on moonings outside the	oleen.
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE Access roa	d	
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
OTTER (RO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIB	ILITY:
DEFLECT	нідн П	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH100_ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUM	IMARY DATE <u>11/20/98</u>
SITE # 902 MAP NUMBER:	9 SITE NAME: In	dian Kill
USGS QUAD: Hyde Park, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-9 LATIT	UDE 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	POSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING 🔲 S	SUMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
	structed 97/98 at Norrie Yacht Basin (site #90	1)
		·
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	ITY:
DEFLECT	HIGH 🔲	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1500 ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA SUN	MMARY DATE <u>11/20/98</u>
SITE # 903 MAP NUMBER:	9 SITE NAME: <u>B</u>	Esopus Meadows
USGS QUAD: Hyde Park, Ny	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-9 LATI	TUDE 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 RANGEft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: S. of Port Ewel	n	
DINVOIGNI DECODIDETION CONTRACTOR		
PHYSICAL DESCRIPTION: tidal flats		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SH	(POSED TIDAL FLATS MARSHES HELTERED TIDAL FLATS MAN-MADE STRUCTURES X HELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPRING B	SUMMER B FALL B WINTER B
WILDLIFE: Important and freshwater fish	— h nursery area∖waterfowl migratory stop ove	er
HABITAT: tidal flats Striped Bass spav	vning area.	
THREATENED/ ENDANGERED:		
OTHER (RR): Recreational fishery - import	ant	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBI	LITY:
DEFLECT	ніGН	
RECOVERY	LOW 🗍	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	Ц	

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>	
SITE # 904 MAP NUMBER:	9 SITE	NAME: South of Vanderburgh C	Cove	
USGS QUAD: Kingston East, NY	NOAA CHART # 1234	47	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-9&10	LATITUDE 41°52'08" NO	RTH LONGITUDE 73°55'57" WE	ST
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		RRENTS: kts	
GEOGRAPHIC LOCATION: Staatsburgh, F	ludson R. side of Dinsmore Pt. to C	Jones Is.		
PHYSICAL DESCRIPTION: Small cove eas	st side of river just south of Vander	burgh Cove		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	S X SHELTERED TIDAL FLATS SHELTERED TIDAL FLA SHELTERED ROCKY SH	TS X MAN-MADE STRUCTURES	3
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRIM	NG SUMMER FALL	. WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP: N	NYS Parks owns area for collecti	on	
ACCESS: VEHICLE X BOAT X	eve access to the site via Route 9G	through the Mills Mansion.		
STAGING AREAS:				
COLLECTION POINTS: This site is a natural of	collection area on the east side of t	he river just south of Vanderbur	gh Cove.	
OTHER (RC):				
PROTECTION STRATEGIES				
воом метнор:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW			
PROTECTION	MEDIUM [N	MIN BOOM LENGTH 300 ft	

PRIORITY B	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
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 <u>Hudson River</u>	ESI MAP# HR-10 LA	TITUDE 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 f	t MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Kingston		
PHYSICAL DESCRIPTION: creek mouth we	etlands	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
воат П		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIE	BILITY:
DEFLECT X	HIGH	
RECOVERY	LOW	
PROTECTION	MEDIUM \square	MIN BOOM LENGTH 5000 ft
OTHER (PS	·-···	

PRIORITY B	SENSITIVE	E AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 1004 MAP NUMBER:	10	SITE NAME: Cruger I	Island South Side
USGS QUAD:	NOAA CH	HART #	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 F	RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Marsh inlet or	n the south side of Cr	uger Island	
PHYSICAL DESCRIPTION: wetland			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND SAND AND GRA GRAVEL BEACH	VEL BEACHES SHELTER	D TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE: Important fish spawning are HABITAT: tidal wetlands	NAL CONSIDERATION	<u> </u>	ER FALL WINTER
THREATENED/ Osprey,Least Bittern, wood ENDANGERED: other speices are rare in N		rtle are rare/ special concern sp	peices in NYS\ Heartleaf platain, estuary beggars, ticks an
OTHER (RR): National Estuary Research	Reserve NERR		
RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT X		IERSHIP:	
STAGING AREAS: Possible staging are	a at Charlie Rider Pa	rk on west side of the river in U	llster County. Access by Route 32, parking and great boat
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
воом метнор:	DEG	GREE OF PROTECTIBILITY:	
DEFLECT	HIG	н 🗌	
RECOVERY	LOV	v 🔲	
PROTECTION X	MED	NUM X	MIN BOOM LENGTH 300 ft

PRIORITY B	SENSITIVE	AREA SUMMARY DATE	11/20/98
SITE # 1006 MAP NUMBE	R: <u>10</u>	SITE NAME: Magdalen Island	
USGS QUAD:	NOAA CHA	T# River	Mile:
NOAA ESI ATLAS	ESI MAP#	LATITUDE 42-02' 30" NORTH LON	GITUDE <u>073-55' 40"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1	1	1	
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Tivoli	TIDAL RA	IGE ft MAX CURRENTS: _	kts
PHYSICAL DESCRIPTION: wetland			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BE SAND AND GRAVE GRAVEL BEACHES	BEACHES SHELTERED TIDAL FLATS	MARSHES MAN-MADE STRUCTURES
WILDLIFE: Important fish spawning a	ONAL CONSIDERATION area\Waterfowl spring and		/INTER
HABITAT: tidal wetlands			
THREATENED/ Osprey,Least Bittern, wo other speices are rare in		are rare/ special concern speices in NYS\ Heartleaf pl	atain, estuary beggars, ticks and
OTHER (RR): National Estuary Research	ch Reserve NERR		
RESPONSE CONSIDERATIONS	OWNER	SHIP:	
ACCESS:			
VEHICLE			
BOAT			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGRI	E OF PROTECTIBILITY:	
DEFLECT X	HIGH	П	
RECOVERY	LOW	Π	
PROTECTION	MEDIU	MIN BOOM	LENGTH 2000 ft

PRIORITY B	SENSITIVE AR	EA SUMMAI	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # 1008 MAP NUMBER:	10	SITE NAME: Kingston F	lats	
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: GEOGRAPHIC LOCATION: Kingston to Ba	TIDAL RANGE _	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: tidal flats				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEACHES/RIPR	CHES SHELTERED	TIDAL FLATS MARSHES O TIDAL FLATS MAN-MADE STOROCKY SHORE	TRUCTURES
	NAL CONSIDERATIONS: S ning area in NYS\Waterfowl in		FALL WINTER	
HABITAT: Important fish spawning are	ea			
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:	: 		
ACCESS: VEHICLE				
BOAT				
"				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF	PROTECTIBILITY:		
DEFLECT	HIGH	7		
RECOVERY [LOW]		
PROTECTION	MEDIUM	Ī	MIN BOOM LENGTH	ft
OTHER (PS	_			

PRIORITY B	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
SITE # 1101 MAP NUMBER:	11 SITE NAME:	Esopus Creek mouth (South)
USGS QUAD: Saugerties, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>HRL-11</u>	ESI MAP# 11 LA	TITUDE <u>42-03' 47"</u> NORTH LONGITUDE <u>073-56' 12"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1 NY - DEC Region 3	1 John O'Mara	1 (914) 256 - 3000
3	3	3
	<u> </u>	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE f	t MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Saugerties		
PHYSICAL DESCRIPTION: wetlands		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES S	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE
	NAL CONSIDERATIONS: SPRING B	SUMMER B FALL WINTER
WILDLIFE: Striped Bass		
HABITAT: Duck Hunting, Sport Fishing	g	
THREATENED/ ENDANGERED:		
OTHER (RR): Shallow inaccesible at low t	iide	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
	low tide (less than 1 foot)\	
BOAT X		
STAGING AREAS: \Boat launch		
COLLECTION POINTS: \Jettys located north	and south	
OTHER (RC): 4 Marinas in creek		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIE	BILITY:
DEFLECT X	HIGH	
RECOVERY [LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 5000 ft
OTHER (PS		

PRIORITY B	SENSITIVE AREA S	UMMARY	DATE <u>11/20/98</u>
SITE # 1105 MAP NUMBER:	11 SITE NAM	E: HR Green and Upper Fla	ats
USGS QUAD: Saugerties, NY	NOAA CHART # 12347		River Mile:
NOAA ESI ATLAS HRL-11	ESI MAP #11	LATITUDE <u>42-07' 12"</u> NOF	RTH 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 CUR	RENTS: kts
GEOGRAPHIC LOCATION: Saugerties to 0	Cheviot, east side of river		
DUVOIGNI DEGODIDEION CALCULA IID	Our Flats are set of contract law file	Han on Eleterane and	
PHYSICAL DESCRIPTION: tidal flats - HR	Green Flats are out of water at low tide	; Upper Flats are not.	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLAT SHELTERED ROCKY SH	
RESOURCES AT RISK SEASON WILDLIFE: Shad, American, migratory HABITAT: Spawning (American Shad)	NAL CONSIDERATIONS: SPRING WaterFowl	B SUMMER FALL	B WINTER
THREATENED/			
ENDANGERED:			
OTHER (RR): Cannot get on the Flats but	can get around. Can walk on flats. Acc	ess from either side or from a	a split in between.
RESPONSE CONSIDERATIONS	OWNERSHIP: NYS		_
ACCESS: VEHICLE BOAT X			
STAGING AREAS: Cheviot Town Park (E	Boat Launch)\N. Germantown (Boat lau	nch)	
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROTEC	TIBILITY:	
DEFLECT X	HIGH		
RECOVERY	LOW		
PROTECTION	MEDIUM	M	IN BOOM LENGTH 300 ft

PRIORITY B	SENSITIVE ARE	A SUMMARY	DATE <u>11/20/98</u>
SITE # 1107 MAP NUMBER:	11 SIT	E NAME: Green Point Marsh	
USGS QUAD: Cementon, NY	NOAA CHART # 12	2347	River Mile:
NOAA ESI ATLAS <u>HRL-11</u>	ESI MAP # 11	LATITUDE <u>42-10' 30</u> NO	ORTH LONGITUDE 073-53' 19" WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1 NY - DEC Region 4	1	1 (60	07) 652 - 7364
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	JRRENTS: kts
GEOGRAPHIC LOCATION: north shore, N	orth end of Inbocht Bay		
PHYSICAL DESCRIPTION: Green Point M	larsh		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAI		ATS MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE: Emergent Vegetation\Migato		RING SUMMER FAL	L WINTER
HABITAT: Tidal wetlands			
THREATENED/ \Eagle ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:	NYS, Private	
ACCESS:			
VEHICLE Road close	est to bay is a cliff.		
BOAT X			
STAGING AREAS: Germantown lanch\C	atskill boat launch		
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGRFF OF P	ROTECTIBILITY:	
DEFLECT X	нідн П		
RECOVERY	LOW \square		
PROTECTION	MEDIUM X		MIN BOOM LENGTH 2100 ft

PRIORITY B	SENSITIVE AREA SUMM.	ARY DATE <u>11/20/98</u>
SITE # 1204 MAP NUMBER	R: 12 SITE NAME: Marshe	s 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 so wetlands Hu	uth of powerlines at Athens wetlands, open marsh Nge cat tail marsh NYS, Central Hudson Route 385 - N	ligratory waterfowl, rare plants, hunting tidal Nork road and small boat ramp under powerlines crossing
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS RED TIDAL FLATS RED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES
RESOURCES AT RISK SEAS WILDLIFE: HABITAT:	ONAL CONSIDERATIONS: SPRING SUMM	ER FALL WINTER
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
воат 🗍		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
DROTECTION CTRATEGIES		
PROTECTION STRATEGIES	DEODEE OF BROTEOTIBLETY.	
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	HIGH U	
RECOVERY	LOW	MIN BOOM LENGTH 9000 ft
PROTECTION	MEDIUM XI	WIIN BOOM LENGTH 9000 IL

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE <u>1</u>	1/20/98
SITE # 1304 MAP NUMBER:	13 SITE N	NAME: Marshes at Nutten	Hook	
USGS QUAD: Hudson North, NY	NOAA CHART # 1234	8	River Mile:	
NOAA ESI ATLAS HRL-13	ESI MAP #13	LATITUDE <u>42-18' 29"</u>	'_NORTH LONGITUDE	073-46' 40" WEST
AGENCY/CONTACT	EXPERTISE	PHON		
1 NY - DEC Region 4	1	1	(607) 652 - 7364	
3	3	3		
3	3			
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX	X CURRENTS: kt	.s
GEOGRAPHIC LOCATION: Nutten Hook				
PHYSICAL DESCRIPTION: marsh				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	X EXPOSED TIDAL F S X SHELTERED TIDAL SHELTERED ROCK	_ FLATS MAN-N	HES MADE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRIN	IG SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
HABITAT.				
THREATENED/ \Part of Federal Research R ENDANGERED:	eserve			
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP: H	RERR		
ACCESS:	<u> </u>			
	leads to beach and recreation area	on Nutten Hook.		
BOAT X				
STAGING AREAS: Coxsacki Boat Launc	h			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	FECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MIN BOOM LENGT	-⊔ ++
PROTECTION [MEDIUM		WIIN DOOW LENG!	⁻ H ft
OTHER (PS				

PRIORITY B	SENSITIVE AREA SUMN	MARY DATE <u>11/20/98</u>
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 LATITUE	DE <u>42-35' 09"</u> NORTH LONGITUDE <u>073-45' 33"</u> 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:	ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION: Wemple road to	to 144 to wheeler road.	
PHYSICAL DESCRIPTION: bay/marsh		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) RANK WAVE CUT PLATFORMS FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHEL	SED TIDAL FLATS MARSHES X TERED TIDAL FLATS MAN-MADE STRUCTURES TERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: HABITAT:	NAL CONSIDERATIONS: SPRING SUI	MMER FALL WINTER
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE BOAT		-
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY	r :
DEFLECT X	нідн	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft

PRIORITY B	SENSITIVE AREA	SUMMARY	DATE11/20/9	<u>18</u>	
SITE # 1504 MAP NUMBER:	15 SITE I	NAME: Unnamed marsh N of	Van Wies Point	_	
USGS QUAD: Delmar, NY	NOAA CHART # 1234	18	River Mile:	_	
NOAA ESI ATLAS HRL-15	ESI MAP #15	LATITUDE <u>42-35' 25"</u> No	ORTH LONGITUDE <u>073-</u>	45' 21" WEST	
AGENCY/CONTACT	EXPERTISE	PHONE			
1 NY - DEC Region 4	1	1 (6	607) 652 - 7364		
2	2	2			
3	3	3			
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	JRRENTS: kts		
GEOGRAPHIC LOCATION: Opposite Van	Wies Pt.				
PHYSICAL DESCRIPTION: marsh					
_					
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEACHE	EXPOSED TIDAL FLAT S SHELTERED TIDAL FL		TRUCTURES	
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY S			
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRIN	NG SUMMER FAL	L WINTER		
WILDLIFE:					
HABITAT:					
THREATENED/ ENDANGERED:					
OTHER (RR): NYS-DEC to re-evaluate priority					
RESPONSE CONSIDERATIONS	OWNERSHIP:			-	
ACCESS:					
VEHICLE					
BOAT X					
STAGING AREAS: Citgo Boat Ramp - no	orth of creek				
COLLECTION POINTS:					
OTHER (RC): Navigational aid with	submerged break wall.				
PROTECTION STRATEGIES					
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:			
DEFLECT	HIGH				
RECOVERY	LOW		MINI ROOM I ENOTH	500 f f	
PROTECTION X	MEDIUM X		MIN BOOM LENGTH	500 ft	
OTHER (PS					

PRIORITY B	SENSITIVE AREA SUN	MARY DATE <u>11/20/98</u>
SITE # 1505 MAP NUMBER:	15 SITE NAME: Is	sland Creek, mouth of Norman Kill
USGS QUAD: Delmar, NY	NOAA CHART # 12348	River Mile:
NOAA ESI ATLAS HRL-15	ESI MAP #15 LATI	TUDE <u>42-35' 53"</u> NORTH LONGITUDE <u>073-45' 51"</u> 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SH	MARSHES HELTERED TIDAL FLATS HELTERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: sturgeon	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
HABITAT: spawning, sturgeon		
THREATENED/ ENDANGERED:		
OTHER (RR): Railroad bridge 100yds insid	le mouth of creek.	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: \		
COLLECTION POINTS: \Corning Preserve		
OTHER (RC): ACOE seawall both no	orth and south of opening.	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	LITY:
DEFLECT	HIGH X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 400 ft

PRIORITY C	SENSITIVE AREA SUMI	MARY DATE <u>11/20/98</u>
SITE # 2 MAP NUMBER:	NY-10 SITE NAME: She	epshead Bay
USGS QUAD: Coney Island, NY-NJ	NOAA CHART # 12350, 12327	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP # 10 LATITU	DE 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 Ja	nmaica Bay / Manhattan Beach, Brooklyn	
PHYSICAL DESCRIPTION: Highly develop	ped navigable inlet with numerous boat docks	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHEL	DSED TIDAL FLATS MARSHES TERED TIDAL FLATS MAN-MADE STRUCTURES X TERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING C SU	MMER C FALL C WINTER C
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Commercial fishing; recrea	tional boating marinas	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT X		
STAGING AREAS: Sheepshead Bay Yao	cht Club (M2) - (718) 891-0991	
COLLECTION POINTS:	Sit Cido (NIZ) - (110) 001-0001	
OTHER (RC):		
OTTER (NC).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILIT	Y:
DEFLECT X	ніgн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 800 ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA S	UMMARY	DATE <u>11/20/9</u>	<u> 18</u>
SITE # 41 MAP NUMBER:	1 SITE NAM	ME: East Creek		
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHO	NE	
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MA	X CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL F SHELTERED TIDAL SHELTERED ROCI	_ FLATS	TRUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				-
VEHICLE				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTEC	CTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MINI DOOM I ENOTH	000 (
PROTECTION X	MEDIUM		MIN BOOM LENGTH	200 ft
OTHER (PS				

PRIORITY C	SENSITIVE AREA SU	JMMARY DATE <u>11/20/98</u>
SITE # 45 MAP NUMBER:	NY-2, 3 SITE NAME	: Bronx River
USGS QUAD: Central Park & Flushing, NY	NOAA CHART # 12339, 12	River Mile:
NOAA ESI ATLAS NY Harbor	ESI MAP # 12,17 L	ATITUDE 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 / Br	ronx; Hunts Point / Sound View Park are	a\(*one mile north of Hunts Point)
	,	,
PHYSICAL DESCRIPTION: Shallow, tidally cove with shall		ne and some small marsh areas upstream; tidal flats at mouth, openi
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP X	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Sound View Park on eastern	n shoreline	
RESPONSE CONSIDERATIONS	OWNERSHIP: NYC F	arks / Private
ACCESS:		
VEHICLE Navigable	by shallow draft boats only	
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES	DECREE OF BROTEO	IDU ITV
BOOM METHOD:	DEGREE OF PROTECT	IDILIT:
DEFLECT U	HIGH [
RECOVERY PROTECTION X	LOW []	MIN BOOM LENGTH 700 ft
	ואופטוסואו [
OTHER (PS		

PRIORITY C	SENSITIVE AREA	SUMMAR	Y DA	TE <u>11/20/98</u>	
SITE # 53 MAP NUMBER:	1 SITE N/	AME: Blind Brook			
USGS QUAD:	NOAA CHART #		Rive	er Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LO	NGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE		
1	1		1		
2	2		2		
3	3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS	: kts	
GEOGRAPHIC LOCATION:					
PHYSICAL DESCRIPTION:					
PHISICAL DESCRIPTION.					
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	—	F-	MARSHES MAN-MADE STRU	JCTURES _
	NAL CONSIDERATIONS: SPRING	SUMMER	FALL	WINTER	
WILDLIFE:					
HABITAT:					
THREATENED/					
ENDANGERED:					
OTHER (RR):					
RESPONSE CONSIDERATIONS	OWNERSHIP:				
ACCESS:					
VEHICLE X BOAT X					
STAGING AREAS:					
COLLECTION POINTS:					
OTHER (RC):					
PROTECTION STRATEGIES					
BOOM METHOD:	DEGREE OF PROTI	ECTIBILITY:			
DEFLECT	HIGH				
RECOVERY	LOW				
PROTECTION X	MEDIUM		MIN BOO	M LENGTH 50	00 ft
OTHER (PS					

PRIORITY C	SENSITIVE AREA	SUMMAR	Y DATE _	11/20/98
SITE #202 MAP NUMBER:	2 SITE	NAME: North Piermo	nt Pier	
USGS QUAD: Nyack, NY	NOAA CHART # 123	43	River Mile:	21.25
NOAA ESI ATLAS NY Harbor	ESI MAP# NY 14	LATITUDE 41°0	2'28" NORTH LONGITUE	DE <u>73°54'39"</u> WEST
AGENCY/CONTACT	EXPERTISE	F	PHONE	
1 DEC/ J. O'Mara	1 Spill Response	1	(914)437-6720	
2	2	2	2	
3	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 EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	<u> </u>		SHES X -MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE: various fish and blue crabs HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS: SPRI	NG SUMMER	FALL WINTE	R
RESPONSE CONSIDERATIONS	OWNERSHIP:	Town		
ACCESS: VEHICLE X BOAT X	iermont Ave. to Ferry Rd.			
STAGING AREAS:				
COLLECTION POINTS: This site is a natural of	collection area.			
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	OTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MINI DOOM LENG	NTU 6000 #
PROTECTION X	MEDIUM		MIN BOOM LENG	6000 ft 6000
OTHER (PS				

PRIORITY C	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 301 MAP NUMBER:	3 SITE NAME: Scarbo	orough RR Cove
USGS QUAD: Ossining, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 br	ridge opening	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES ERED TIDAL FLATS X MAN-MADE STRUCTURES X ERED ROCKY SHORE X
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
STIEN (MV).		
RESPONSE CONSIDERATIONS	OWNERSHIP: Metro North	
ACCESS:	OWNERSHIP. Wello Notth	
VEHICLE Ossening be	oat launch	
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн X	
RECOVERY	LOW \square	
PROTECTION X	MEDIUM	MIN BOOM LENGTH500 ft
OTHER (PS	П	

PRIORITY C	SENSITIVE ARE	A SUMMAR	Y DATE _	11/20/98
SITE # 307 MAP NUMBER:	3 SIT	E NAME: Croton Point	, North shore HR	
USGS QUAD: Haverstraw, NY	NOAA CHART # 12	2343	River Mile	e:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1	LATITUDE 41°1	1'13" NORTH LONGIT	UDE <u>73°54'08"</u> 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-Hud	son, North side of Croton Point			
PHYSICAL DESCRIPTION: bay				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAN		—	ARSHES AN-MADE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPI	RING SUMMER	FALL WINT	ER
WILDLIFE: Most extensive area of shall estuarine fish speices	ow water habitat on the lower H	udson. \Major spawnino	g, nursery and wintering ha	abitat for many important
HABITAT: Shortnosed Sturgeon habita	t			
THREATENED/ Shortnosed Sturgeon ENDANGERED:				
OTHER (RR): Entire Haverstraw Bay area	is an important habitat			
RESPONSE CONSIDERATIONS	OWNERSHIP:	Westchester County F	Parks	
ACCESS:				
VEHICLE X Ossening b	oat launch			
BOAT X				
STAGING AREAS: Croton Point Park				
COLLECTION POINTS: this site is a natural or	ollection point.			
OTHER (RC):	·			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PR	ROTECTIBILITY:		
DEFLECT X	нідн			
RECOVERY	LOW X			
PROTECTION	MEDIUM □		MIN BOOM LEI	NGTH5000_ ft
OTHER (PS	23.3			

PRIORITY C	SENSITIVE AREA SU	JMMARY DATE <u>11/20/98</u>
SITE # 403 MAP NUMBER:	4 SITE NAME	: Furnace Brook Bay
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-1 L/	ATITUDE 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK 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 SHELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE: Most extensive area of shall estuarine fish speices	ow water habitat on the lower Hudson. \	Major spawning, nursery and wintering habitat for many important
HABITAT: Shortnosed Sturgeon habita	t	
THREATENED/ \Shortnosed Sturgeon ENDANGERED:		
OTHER (RR): Entire Haverstraw Bay area	is an important habitat	
DECEMBER CONSIDERATIONS	OWNEDCHID.	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X		
VEHICLE X BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
OTTIEN (NO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECT	IBILITY:
DEFLECT	HIGH X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 405 MAP NUMBER:	4 SITE N	NAME: Stony Pt. Bay & Minisc	eongo Cr.
USGS QUAD: Haverstraw, NY	NOAA CHART # 1234	3	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1	LATITUDE 41°13'51" NO	ORTH LONGITUDE 73°58'20" WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1 DEC/ J. O'Mara	1 Spill Response	1 (914	1)437-6720
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	JRRENTS: kts
GEOGRAPHIC LOCATION: Stony Point			
PHYSICAL DESCRIPTION: bay			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY S	ATS MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRIN	IG SUMMER FAL	L WINTER
WILDLIFE:			
HADITAT.			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:	OWNERSHIF.		
VEHICLE			
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC): Cedar Pond Brook E	intrance		
<u> </u>			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PRO	FECTIBILITY:	
DEFLECT	HIGH		
RECOVERY [LOW		
PROTECTION	MEDIUM		MIN BOOM LENGTH ft
OTHER (PS	_		

PRIORITY C	SENSITIVE AREA	SUMMARY	DATE1	1/20/98
SITE # 410 MAP NUMBER:	4 SITE I	NAME: Green's Cove, S	of Verplanck Pt.	
USGS QUAD: Haverstraw, NY	NOAA CHART # 1234	13	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1	LATITUDE 41°14'48'	NORTH LONGITUDE	73°57'23" WEST
AGENCY/CONTACT	EXPERTISE	PHO	NE	
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 MA	X CURRENTS: kt:	s
GEOGRAPHIC LOCATION: Verplanck				
PHYSICAL DESCRIPTION: bay/natural co	llection point			
_	_			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	SHELTERED TIDAL F SHELTERED TIDAL SHELTERED ROC	L FLATS MAN-M	HES AADE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRIN	NG SUMMER	FALL WINTER	П
WILDLIFE:	VAL GONOIDERATIONS. OF KII	VO OOMMEN	TALL WINTER	Ш
THE CHILL				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS: this site is a natural of	collection point			
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBII ITV		
		TECHDILIT.		
DEFLECT U	HIGH [
RECOVERY X	LOW		MIN BOOM LENGT	`H ft
PROTECTION [MEDIUM		DOOM LENGT	
OTHER (PS				

PRIORITY C	SENSITIVE AREA SUM	MARY DATE11/20/98
SITE # 416 MAP NUMBER:	4 SITE NAME: Pe	ekskill Bay
USGS QUAD: Peekskill, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3 LATITU	UDE 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 entr	ance	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHE	OSED TIDAL FLATS ELTERED TIDAL FLATS ELTERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SI	UMMER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
	OWNERSHIP.	
ACCESS: VEHICLE X good access	ss by land and boat	
VEHICLE X good access BOAT X	,	
BOAT A		
STAGING AREAS: Boat launch at Peeks	skill	
COLLECTION POINTS: site is natural collection	on point	
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILI	TY:
DEFLECT X	ніgн	
RECOVERY X	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH 9000 ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA SUN	MMARY DATE <u>11/20/98</u>
SITE #510 MAP NUMBER:	5 SITE NAME: 0	Clove Creek Cove (w/RR outlet)
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-5 LATI	TUDE 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		
DUVOICAL DECODIDETION		
PHYSICAL DESCRIPTION: wetland		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SI	MARSHES HELTERED TIDAL FLATS HELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS: West Point		
COLLECTION POINTS:		
OTHER (RC):		
<u> </u>		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBI	ILITY:
DEFLECT	ніgн X	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 600 ft
OTHER (PS	_	

PRIORITY C	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 512 MAP NUMBER:	5 SITE NAME: Pollepe	el (Bannerman's) Island
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 Corn	wall-on-Hudson	
DUVEICAL DESCRIPTION.		
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ERED TIDAL FLATS ERED TIDAL FLATS ERED ROCKY SHORE MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMM	MER
WILDLIFE:	_	
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
	OWNEROWE	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн П	
RECOVERY	LOW \square	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		
· '		

PRIORITY C	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 603 MAP NUMBER:	6 SITE NAME: Dennir	ng Point
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ED TIDAL FLATS ERED TIDAL FLATS ERED ROCKY SHORE MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X good acces	ss road	
BOAT L		
STAGING AREAS:		
COLLECTION POINTS: site is a natural collection	ction point	
OTHER (RC): bay north side		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн	
RECOVERY	LOW	MINI DOGMI EVOT
PROTECTION	MEDIUM L	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 604 MAP NUMBER:	6 SITE NAME: Quassai	ick Creek
USGS QUAD: Cornwall, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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/jus	st north of the Mobil facility	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTER	D TIDAL FLATS MARSHES MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMMI	ER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
<u> </u>		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 500 ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	1 SITE NAME: Cove N	Of Wappinger Cr
USGS QUAD: Poughkeepsie, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>HUDSON RIVER</u>	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 EXPOSED ROCKY SHORES	☐ COARSE SAND BEACHES ☐ EXPOSED	O TIDAL FLATS MARSHES
TYPE (ESI) WAVE CUT PLATFORMS		RED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHELTER	RED ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING SUMME	ER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH	
RECOVERY	LOW	MN 50000 - 1107
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA SUMM	[ARY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	7 SITE NAME: Blue P	oint Cove
USGS QUAD: Poughkeepsie, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES ERED TIDAL FLATS X MAN-MADE STRUCTURES ERED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
WILDLIFE:	-	
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE		
BOAT		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
STILL (NO).		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	_	

PRIORITY C	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 808 MAP NUMBER:	8 SITE NAME: Bard Ro	ock Bay
USGS QUAD: Hyde Park, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS RED TIDAL FLATS RED ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING SUMMI	ER FALL WINTER
WILDLIFE:	_	
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE no access	for collection capability	
воат		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
, ,		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн 🔲	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY C	SENSITIVE AREA SU	JMMARY	DATE <u>11/20/98</u>
SITE # 1001 MAP NUMBER:	10 SITE NAME	: Astor Cove	
USGS QUAD:	NOAA CHART #		River Mile:
NOAA ESI ATLAS	ESI MAP#L	ATITUDE <u>41-56' 43"</u> NORTH	LONGITUDE <u>073-56' 37"</u> WEST
AGENCY/CONTACT	EXPERTISE	PHONE	
1	1	1	
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CURRE	NTS: kts
GEOGRAPHIC LOCATION: Clifton Pt.			
PHYSICAL DESCRIPTION: bay			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORI	MARSHES MAN-MADE STRUCTURES
	NAL 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:	DEGREE OF PROTECT	IBILITY:	
DEFLECT	HIGH		
RECOVERY	LOW		
PROTECTION X	MEDIUM	MIN E	BOOM LENGTH 100 ft
OTHER (PS			

PRIORITY C	SENSITIVE AREA	SUMMARY	DATE <u>11</u>	/20/98
SITE # 1003 MAP NUMBER:	10 SITE N	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	PHOI	NE	
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MA	X CURRENTS: kts	
GEOGRAPHIC LOCATION: Ulster Landing	J			
PHYSICAL DESCRIPTION: tidal flats/shor	eline			
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED TIDAL F	FLATS MARSH	FS \Box
TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEACHE			ADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCK	KY SHORE	
			_	
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRIN	IG SUMMER	FALL WINTER	П
WILDLIFE: Bald Eagle, ducks, fish spar	wning area			_
HABITAT:				
THREATENED/ endangered plants at location ENDANGERED:	on.			
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
BOAT [
STAGING AREAS:				
COLLECTION POINTS: Ulster Landing Count	ty swim beach. Parking available a	nd a sandy beach for colle	ection area.	
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MIN BOOM LENGTH	l ft
PROTECTION	MEDIUM		IVIIIN DOON! LENGTH	ft ft
OTHER (PS				

PRIORITY C	SENSITIVE AREA S	SUMMARY	DATE11/2	20/98
SITE # 1208 MAP NUMBER:	12 SITE NAI	ME: Vosburgh Swamp		
USGS QUAD: Hudson North, NY	NOAA CHART # 12347		River Mile:	
NOAA ESI ATLAS HRL-12	ESI MAP #12	LATITUDE <u>42-17' 09"</u> NO	RTH LONGITUDE	073-47' 26" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	1 (60	7) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CUI	RRENTS: kts	
GEOGRAPHIC LOCATION: N of Athens, w	vest shore.			
PHYSICAL DESCRIPTION: wetlands, ma	rsh			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS X SHELTERED TIDAL FLATS SHELTERED ROCKY SH	TS MAN-MAD	S X DE STRUCTURES
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRING	SUMMER FALL	. WINTER	I
WILDLIFE:				-
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	OWNERSHIF.			
	ss to area along beach.			
BOAT X	-			
BOAT K				
STAGING AREAS: Murders Creek Boat	Launch			
COLLECTION POINTS:				
OTHER (RC): Fourmile Point road I	nas good access and collection points.			
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTE	CTIBII ITY·		
DEFLECT X	HIGH \Box	J		
RECOVERY	LOW X			
PROTECTION	MEDIUM \(\begin{array}{c} \begin{array}	N	MIN BOOM LENGTH	3000 ft
_	WEDIOW [
OTHER (PS				

PRIORITY C	SENSITIVE AREA S	UMMARY	DATE <u>11/20/98</u>	
SITE # 1305 MAP NUMBER:	13 SITE NAI	ME: North Side of Nutten H	ook	
USGS QUAD:	NOAA CHART # 12348		River Mile:	
NOAA ESI ATLAS <u>HRL-13</u>	ESI MAP #13	LATITUDE <u>42-21' 45"</u> NO	ORTH LONGITUDE 073-42' 4	15" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	1 (60	07) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	RRENTS: kts	
GEOGRAPHIC LOCATION: North of Nutte	en Hook			
PHYSICAL DESCRIPTION: marsh				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		X EXPOSED TIDAL FLATS X SHELTERED TIDAL FLATS SHELTERED ROCKY SH	ATS MAN-MADE STRU	CTURES X
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER FALL	L WINTER	
WILDLIFE: Migratory waterfowl, rare pl	ants, hunting			
HABITAT: tidal wetlands				
THREATENED/ \Part of Federal Research FENDANGERED:	Reserve			
OTHER (RR): ConRail track bisects bay of	reating a culvert.			
RESPONSE CONSIDERATIONS	OWNERSHIP: OGS			
ACCESS:				
VEHICLE X Road from	Federal Research Reserve.			
BOAT X				
STAGING AREAS: Federal Research Ro	eserve\Coxsackie Boat Launch, Athens	S		
COLLECTION POINTS:	,			
OTHER (RC):				
		_		
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTE	CTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM X	Ŋ	MIN BOOM LENGTH 600	<u>0</u> ft
OTHER (PS				

PRIORITY C	SENSITIVE AREA	SUMMARY	DATE11/20	0/98
SITE # 1306 MAP NUMBER:	13 SITE N	AME: Marshes north of Nutte	en Hook	
USGS QUAD: Hudson North, NY	NOAA CHART # 12348	3	River Mile:	
NOAA ESI ATLAS HRL-13	ESI MAP #13	LATITUDE <u>42-22' 24"</u> NO	ORTH LONGITUDE <u>0</u>	73-47' 12" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	,	607) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CL	JRRENTS: kts	
GEOGRAPHIC LOCATION: Nutten Hook				
PHYSICAL DESCRIPTION: marsh opposit	e north end of Coxsackie Island.			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLAT SHELTERED TIDAL FLAT SHELTERED ROCKY S	ATS MAN-MADE	STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE: Migratory waterfowl, rare pla	NAL CONSIDERATIONS: SPRING ants, hunting	G SUMMER FAL	L WINTER	
HABITAT: tidal wetlands				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP: 00	 3S		
ACCESS:	OWNERSHIP. O			<u>—</u>
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW X		MINI DOCUMENTO	0000 %
PROTECTION	MEDIUM		MIN BOOM LENGTH	3000 ft
OTHER (PS				

PRIORITY C	SENSITIVE AREA	SUMMARY	DATE11	/20/98
SITE # 1308 MAP NUMBER:	13 SITE N	NAME: Marshes S. of Stuyves	sant	
USGS QUAD: Hudson North, NY	NOAA CHART # 1234	8	River Mile:	
NOAA ESI ATLAS <u>HRL-13</u>	ESI MAP #13	LATITUDE <u>42-22' 50"</u> N	ORTH LONGITUDE	073-47'-32" WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	1 (6	607) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX CU	URRENTS: kts	
GEOGRAPHIC LOCATION: Stuyvesant				
PHYSICAL DESCRIPTION: marsh, east sh	nore			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLAT SHELTERED TIDAL FL SHELTERED ROCKY S	.ATS MAN-MA	ES X ADE STRUCTURES
RESOURCES AT RISK SEASOI	NAL CONSIDERATIONS: SPRIN	IG SUMMER FAL	L WINTER	
WILDLIFE: Migratory waterfowl, rare pla	ants, hunting	<u> </u>	_	
HABITAT: tidal wetlands				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP: C	ogs		
ACCESS:				
	ss road to water.			
BOAT X				
· ·	nch\Coxsackie Boat Launch - small	boats only		
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBII ITV		
DEFLECT \square	HIGH Π	TEOTIBLETT.		
RECOVERY	LOW \square			
PROTECTION	MEDIUM \square		MIN BOOM LENGTH	ft
OTHER (PS				
J TILIT (I O				

PRIORITY C	SENSITIVE AREA S	UMMARY	DATE <u>11/20/98</u>	
SITE # 1311 MAP NUMBER:	13 SITE NAM	E: marshes at Schodack	Creek	
USGS QUAD: Ravena, NY	NOAA CHART # 12348		River Mile:	_
NOAA ESI ATLAS HRL-13	ESI MAP #13	LATITUDEN	IORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 NY - DEC Region 4	1	1 (0	607) 652 - 7364	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX C	URRENTS: kts	
GEOGRAPHIC LOCATION: North of Stuyv	vesant to N. of Schodack Landing			
PHYSICAL DESCRIPTION: marsh				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLAT SHELTERED TIDAL FL SHELTERED ROCKY	LATS MAN-MADE STF	X RUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER FA	LL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
BOAT L				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTEC	TIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION	MEDIUM		MIN BOOM LENGTH	ft
OTHER (PS				

PRIORITY M	SENSITIVE AREA SU	J MMARY DATE <u>11/20/98</u>
SITE # 1 MAP NUMI		
USGS QUAD: Elizabeth, NJ	NOAA CHART #	River Mile:
NOAA ESI ATLAS	ESI MAP # LA	ATITUDENORTH LONGITUDE WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (908) 820-4296
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: _ GEOGRAPHIC LOCATION:	TIDAL RANGE	ft MAX CURRENTS: kts
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES
RESOURCES AT RISK SE WILDLIFE:	ASONAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		<u> </u>
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECT	TBILITY:

DEFLECT X
RECOVERY DROTECTION X HIGH LOW MIN BOOM LENGTH 500 ft MEDIUM OTHER (PS

PRIORITY M	SENSITIVE	E AREA SUMMA	ARY DATE	<u>98</u>
SITE # 2 MAP NUMB	BER: 10	SITE NAME: Sheeps H	lead Bay Marina	_
USGS QUAD:	NOAA CH	ART#	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 R	ANGE ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	ES COARSE SAND E SAND AND GRAVEL BEACH	VEL BEACHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE S ED ROCKY SHORE	STRUCTURES
RESOURCES AT RISK SE WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ASONAL CONSIDERATIC	ONS: SPRING SUMME	R	
RESPONSE CONSIDERATIONS	OWN	ERSHIP:		
ACCESS: VEHICLE X BOAT X STAGING AREAS:				_
STAGING AREAS: COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES BOOM METHOD: DEFLECT X RECOVERY PROTECTION X	DEG HIGH LOW MED		MIN BOOM LENGTH	9000 ft

	PRIORITY M	SENSITIVE A	REA SUMMA	RY DA	ATE <u>11/20/</u>	<u>98</u>
SITE # 3	MAP NUMBER:	10	SITE NAME: Neptune M	1arina		
USGS QUAD	:	NOAA CHART	·#	Ri	ver Mile:	
NOAA ESI A	ΓLAS	ESI MAP #	LATITUDE	NORTH L	ONGITUDE	WEST
AGENCY/CO	NTACT	EXPERTISE		PHONE		
1		1		1		
3		3		3		
5] 3		3		
SITE DESCR	IPTION SITE AREA:	TIDAL RANG	SE ft	MAX CURRENT	S: kts	
GEOGRAPHI	C LOCATION:					
PHYSICAL D	ESCRIPTION:					
SHORELINE TYPE (ESI) RANK	EXPOSED ROCKY SHORES WAVE CUT PLATFORMS FINE SAND BEACHES	COARSE SAND BEAG SAND AND GRAVEL GRAVEL BEACHES/F	BEACHES SHELTERE	TIDAL FLATS D TIDAL FLATS D ROCKY SHORE	MARSHES MAN-MADE	STRUCTURES
HABITAT: THREATENE ENDANGERS OTHER (RR)	<u>D/</u> <u>ED:</u>	NAL CONSIDERATIONS:	SPRING SUMMER	R FALL	WINTER	
RESPONSE	CONSIDERATIONS	OWNERS	HIP:			
ACCESS: VEHICLE BOAT STAGING AF	×					_
COLLECTION						
OTHER (RC)	:					
PROTECTION	N STRATEGIES BOOM METHOD: DEFLECT X RECOVERY	DEGREE HIGH LOW	OF PROTECTIBILITY:			
	PROTECTION X	MEDIUM	ă	MIN BO	OM LENGTH	500 ft

PRIORITY M	SENSITIVE	E AREA SUMMA	RY DATE <u>11/20/98</u>	
SITE # 4 MAP NUMBE	R: <u>6,7</u>	SITE NAME: North Cov	e Yacht Club	
USGS QUAD: Manhattan, NY	NOAA CH	IART #	River Mile:	_
NOAA ESI ATLAS <u>HUDSON</u>	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 R	RANGE ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND I SAND AND GRA' GRAVEL BEACH	VEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STR	RUCTURES X
RESOURCES AT RISK SEAS WILDLIFE:	ONAL CONSIDERATIO	DNS: SPRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWN	ERSHIP:		
ACCESS: VEHICLE X				
VEHICLE X BOAT X				
	Olark			
STAGING AREAS: North Cove Yacht COLLECTION POINTS:	GIUD.			
OTHER (RC):				
PROTECTION STRATEGIES BOOM METHOD:	DEC	REE OF PROTECTIBILITY:		
BOOM METHOD:	DEG	REE OF PROTECTIBILITY:		

STAGING ARE COLLECTION OTHER (RC):			
PROTECTION OTHER (PS	STRATEGIES BOOM METHOD: DEFLECT RECOVERY PROTECTION X	DEGREE OF PROTECTIBILITY: HIGH	MIN BOOM LENGTH 9000 ft

	SENSITIVE AF		
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACH SAND AND GRAVEL BE GRAVEL BEACHES/RIF	EACHES SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: Richmond County Yaccollection Points: OTHER (RC):	OWNERSHI acht Club (M5) (718) 948-96		
PROTECTION STRATEGIES BOOM METHOD: DEFLECT X RECOVERY PROTECTION X	DEGREE C HIGH LOW MEDIUM	F PROTECTIBILITY:	MIN BOOM LENGTH1500_ ft

OTHER (PS

PRIORITY M	SENSITIVE AREA S	UMMARY	DATE <u>11/20/</u>	98
SITE # 6 MAP NUMBER:	10 SITE NAM	IE: Bergen Beach Y.C.		
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDENO	RTH 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 CU	RRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SH	TS MAN-MADE	STRUCTURES
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER FALL	_ WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	OWNERSHIP.			_
VEHICLE				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROTEC	CTIBILITY:		
DEFLECT X	нідн П			
RECOVERY	LOW \square			
PROTECTION X	MEDIUM	1	MIN BOOM LENGTH	900 ft
OTHER (PS	- Ц			

PRIORITY M	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	6,7 SITE NAME: Liberty Ha	rbor Marina
USGS QUAD: Jersey City	NOAA CHART #	River Mile:
NOAA ESI ATLAS <u>HUDSON</u>	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: GEOGRAPHIC LOCATION:	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		

STAGING AREAS:
COLLECTION POINTS:
OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD:
DEGREE OF PROTECTIBILITY:
DEFLECT X HIGH RECOVERY LOW MEDIUM MIN BOOM LENGTH 300 ft

OTHER (PS

PRIORITY M	SENSITIVE AI	REA SUMMA	RY DATE <u>11/20/98</u>	
SITE # 8 MAP NUMBER:	6,7	SITE NAME: Newport Ya	acht Club	
USGS QUAD: Jersey City	NOAA CHART #	ŧ	River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE W	/EST
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: GEOGRAPHIC LOCATION:	TIDAL RANGE	Ĕ ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACH SAND AND GRAVEL B GRAVEL BEACHES/RII	EACHES SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE	ES _
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER	
RESPONSE CONSIDERATIONS	OWNERSH	IP:		
ACCESS: VEHICLE X BOAT X				
STAGING AREAS: Limited staging area.				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE C	OF PROTECTIBILITY:		
DEFLECT	HIGH	X		
RECOVERY	LOW		MINI DOOM LENGTH 400 "	
PROTECTION X	MEDIUM		MIN BOOM LENGTH 400 ft	

PRIORITY M	SENSITIVE AREA SUMM	ARY DATE
SITE # 10 MAP NUMBER	t:6 SITE NAME: Lincoln	h 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: GEOGRAPHIC LOCATION:	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES ERED TIDAL FLATS MAN-MADE STRUCTURES X ERED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ONAL CONSIDERATIONS: SPRING SUMM	MER FALL WINTER
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIP:	
PROTECTION STRATEGIES BOOM METHOD: DEFLECT X RECOVERY PROTECTION X	DEGREE OF PROTECTIBILITY: HIGH	MIN BOOM LENGTH 2000 ft

PRIORITY M	SENSITIVE .		RY DATE <u>11/20/98</u>	<u></u>
SITE # 11 MAP NUM	BER:6	SITE NAME: Port Imper	ial	_
USGS QUAD: Weehawken	NOAA CHAF	RT #	River Mile:	_
NOAA ESI ATLAS	ESI MAP#	LATITUDE _	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
Hudson	1		1 (201) 902-8787	
	2		2	
	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RAI	NGE ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORT TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		L BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES 2
RESOURCES AT RISK SE	ASONAL CONSIDERATION	S: SPRING SUMMER	R FALL WINTER	
WILDLIFE:	ASONAL CONSIDERATION	S. SPRING SUMMER	A	
THESEN E.				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
. ,				
RESPONSE CONSIDERATIONS	OWNER	SHIP.		
ACCESS:	OWNER			
VEHICLE X				
BOAT X				
-				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
I NOTEOTION OTHATEOLO				
BOOM METHOD:	DEGRE	EE OF PROTECTIBILITY:		
	DEGRE HIGH	EE OF PROTECTIBILITY:		
BOOM METHOD:		EE OF PROTECTIBILITY:		

OTHER (PS

PRIORITY M SITE # 12 MAP NUM		SITE NAME: 79th St P		_
		7501 OCT	= aoiii	_
USGS QUAD: Manhattan	NOAA CH	ART #	River Mile:	_
NOAA ESI ATLAS <u>HUDSON RIVER</u>	ESI MAP#	LATITUDE _	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
	1		1	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL R	ANGE ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
<u></u>				
PHYSICAL DESCRIPTION:				
		_	-	_
SHORELINE EXPOSED ROCKY SHORTYPE (ESI) WAVE CUT PLATFORMS	—	—	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE ST	PLICTLIPES Y
RANK FINE SAND BEACHES	GRAVEL BEACH	—	ED ROCKY SHORE	KOCTORES K
RESOURCES AT RISK SE	EASONAL CONSIDERATIO	NS: SPRING SUMME	R FALL WINTER	
WILDLIFE:		_		
<u>HABITAT:</u>				
· · · · · · · · · · · · · · · · · · ·				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWAL	ERSHIP:		
ACCESS:	OWN			
VEHICLE				
BOAT X				
STAGING AREAS: Port Imperial M	arina (M11) (201)902-8787			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEG	DEGREE OF PROTECTIBILITY:		

BOAT X						
STAGING AREAS: Port Imperial Marina (M11) (201)902-8787						
COLLECTION POINTS:						
OTHER (RC):						
PROTECTION STRATEGIES						
BOOM METHOD:	DEGREE OF PROTECTIBILITY:					
DEFLECT	HIGH					
RECOVERY [LOW					
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1000 ft				
OTHER (PS						

PRIORITY M	SENSITIVE ARI	EA SUMMAI	RY DATE <u>11/20/98</u>	
SITE # 13 MAP NUMBER:	12 S	ITE NAME: Wagners T	win Towers Marina	
USGS QUAD:	NOAA CHART#		River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE WE	EST
AGENCY/CONTACT	EXPERTISE		PHONE	
1	1		1 (732) 583-6930	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE _	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPR.	CHES SHELTERED	MARSHES O TIDAL FLATS O ROCKY SHORE	:s x
RESOURCES AT RISK SEASO WILDLIFE: HABITAT:	ONAL CONSIDERATIONS: S	PRING SUMMER	FALL WINTER	
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS ACCESS:	OWNERSHIP:			
VEHICLE X BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF	PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW L] 1	MIN BOOM LENGTH 1000 ft	
PROTECTION X	MEDIUM	J	1000	

PRIORITY M	SENSITIVE ARI	EA SUMMAR	Y DATE _	11/20/98
SITE # MAP N	UMBER: 12 S	SITE NAME: Atlantic Highla	ands Marina	
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITU	DE WEST
AGENCY/CONTACT	EXPERTISE	P	HONE	
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA GEOGRAPHIC LOCATION:	: TIDAL RANGE _	ft	MAX CURRENTS:	kts
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY S TYPE (ESI) WAVE CUT PLATFOI RANK FINE SAND BEACHE	RMS SAND AND GRAVEL BEA	CHES SHELTERED TI	IDAL FLATS MAI	RSHES N-MADE STRUCTURES X
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SEASONAL CONSIDERATIONS: S	PRING SUMMER	FALL WINTE	ER
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIP:			
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY PROTECTION X	DEGREE OF HIGH LOW MEDIUM	PROTECTIBILITY:	MIN BOOM LEN	GTH <u>2100</u> ft

PRIORITY M	SENSITIVE AR	EA SUMMA	RY DATE	11/20/98
SITE # 17 MAP NUMBEI	R:1	SITE NAME: Wright Isla	and Marina	
USGS QUAD:	NOAA CHART #		River Mi	le:
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGI	TUDE WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1 Wright Island Marina	1		1 (914) 235-8013	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS:	kts
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHI SAND AND GRAVEL BEACHES/RIP	ACHES SHELTERE		IARSHES IAN-MADE STRUCTURES
RESOURCES AT RISK SEAS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ONAL CONSIDERATIONS:	SPRING SUMMER	R	TER
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIF	D:		
PROTECTION STRATEGIES BOOM METHOD: DEFLECT	DEGREE OF HIGH LOW MEDIUM	F PROTECTIBILITY:	MIN BOOM LE	ENGTH 600 ft

PRIORITY M	SENSITIVE AR	EA SUMMA	RY DATE <u>11/20/</u>	<u>98</u>
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHI SAND AND GRAVEL BEACHES/RIP	ACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE S D ROCKY SHORE	STRUCTURES
	NAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIF):		
ACCESS:				_
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF	PROTECTIBILITY:		
DEFLECT [HIGH			
RECOVERY [LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	2400 ft
OTHER (PS				

PRIORITY M	SENSITIVE AREA	SUMMARY	DATE <u>11/20/9</u>	<u>8</u>
SITE # 19 MAP NUMBER:	1 SITE N	NAME: U.S. Maritime Acader	my	_
USGS QUAD:	NOAA CHART #		River Mile:	<u></u>
NOAA ESI ATLAS	ESI MAP #	LATITUDEN	IORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1 US Maritime Academy	1 AREA	1 (51	6) 773-5232	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX C	URRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	SHELTERED TIDAL FLATER SHELTERED ROCKY	LATS MAN-MADE S	TRUCTURES
TINE SAND BEACHES	J GRAVEE BEAGILES/RII RAI	GHEETERED ROOKT		
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRIN	NG SUMMER FA	LL WINTER	
WILDLIFE:	NAL CONSIDERATIONS: SPRIN	NG SOMMER FA	LL WINTER	
WILDEN E.				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	1200 ft

PRIORIT	Y M S	SENSITIVE A	AREA SUMMA	RY DATE	20/98
SITE #	MAP NUMBER:	1	SITE NAME: Locust Poi	int Marina	
USGS QUAD:		NOAA CHAF	RT#	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 S GEOGRAPHIC LOCATION	SITE AREA:	TIDAL RAN	NGE ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION	<u>N:</u>				
SHORELINE EXPOSED TYPE (ESI) WAVE CURANK FINE SAND		COARSE SAND BE SAND AND GRAVE GRAVEL BEACHES	L BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MAE D ROCKY SHORE	S DE STRUCTURES X
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SEASON	AL CONSIDERATION:	S: SPRING SUMMER	R	
RESPONSE CONSIDERA	ATIONS	OWNER	SHIP.		
ACCESS: VEHICLE					
PROTECTION STRATEGO BOOM NO DEFLECT RECOVER PROTECT	METHOD: T	DEGRE HIGH LOW MEDIU!	EE OF PROTECTIBILITY:	MIN BOOM LENGTH	1000 ft
I		WEBIO	··· 🗀		

PRIORITY M	SENSITIVE AF	REA SUMMAI	RY DATE <u>11/20/98</u>	
SITE # 21 MAP NUMBE	R:1	SITE NAME: East Chest	er 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 EXPOSED ROCKY SHORE: TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACH SAND AND GRAVEL BEACHES/RIF	EACHES SHELTERED	MARSHES O TIDAL FLATS O ROCKY SHORE	RES X
		<u>_</u>		
RESOURCES AT RISK SEAS WILDLIFE:	SONAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER	
LIADITAT				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHI	P:		
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE C	F PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH 2000 ft	

PRIORIT	Y M S	ENSITIVE A	REA SU	MMAl	RY	DATE _	11/20/98	<u>3</u>
SITE #	MAP NUMBER:	1	SITE NAME:	Mamarone	ck Harbor			_
USGS QUAD:		NOAA CHART	#			River Mile	:	_
NOAA ESI ATLAS		ESI MAP #	LA	TITUDE	NORT	H LONGITU	JDE	WEST
AGENCY/CONTACT		EXPERTISE			PHONE			
1		1			1			
2 3		3			3			
		3						
SITE DESCRIPTION	SITE AREA:	TIDAL RANG	6E f	t	MAX CURR	ENTS:	kts	
GEOGRAPHIC LOCATI	ON:							
PHYSICAL DESCRIPTI	ON:							
RANK	D ROCKY SHORES UT PLATFORMS ID BEACHES	COARSE SAND BEAC SAND AND GRAVEL I GRAVEL BEACHES/R	BEACHES :	SHELTERED	TIDAL FLATS O TIDAL FLATS O ROCKY SHO	мА МА	RSHES N-MADE ST	TRUCTURES
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	. SEASON,	AL CONSIDERATIONS:	SPRING _	SUMMER	∐ FALL	∐ WINT	ER	
RESPONSE CONSIDER	RATIONS	OWNERSI	HIP:					
ACCESS: VEHICLE X BOAT X STAGING AREAS:								
COLLECTION POINTS:								
OTHER (RC):								
DEFLE RECO\	METHOD:	DEGREE HIGH LOW MEDIUM	OF PROTECTI	BILITY:	MIN	I BOOM LEN	IGTH	900 ft

PRIORITY M	SENSITIVE ARE	EA SUMMA	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # 23 MAP NUMBER	::1 SI	TE NAME: Station Fo	rt 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	FRUCTURES X
RESOURCES AT RISK SEASO WILDLIFE:	ONAL CONSIDERATIONS: SF	PRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	OWNEROIM .			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF F	PROTECTIBILITY:		
DEFLECT	нідн			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	100 ft

PRIORIT	Y M S	ENSITIVE .	AREA SUMMA	RY DATE <u>11/20/98</u>
SITE #24	MAP NUMBER:	1	SITE NAME: Shelter Ha	arbor
USGS QUAD:		NOAA CHAF	RT#	River Mile:
NOAA ESI ATLAS		ESI MAP#	LATITUDE	NORTH LONGITUDE WES
AGENCY/CONTACT		EXPERTISE		PHONE
1		1		1 (516) 482-9085
2		2		2
3		3		3
SITE DESCRIPTION GEOGRAPHIC LOCATI	SITE AREA: ON:	TIDAL RAI	NGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION	ON:			
SHORELINE EXPOSED TYPE (ESI) WAVE CU RANK FINE SAN		COARSE SAND BE SAND AND GRAVE GRAVEL BEACHES	L BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SEASON,	AL CONSIDERATION	S: SPRING SUMMER	R
RESPONSE CONSIDER	RATIONS	OWNER	RSHIP:	
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATE	GIES			
воом	METHOD:	DEGRE	EE OF PROTECTIBILITY:	
DEFLE	ст 🔲	HIGH		
RECO\	片	LOW	Ц	MINIDOOM LENGTH 700 %
PROTE	CTION X	MEDIU	М	MIN BOOM LENGTH 700 ft

PRIORITY M	SENSITIVE ARI	EA SUMMA	RY DATE <u>11/20/</u>	<u>98</u>
SITE # MAP NUMBER:	1 S	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEA GRAVEL BEACHES/RIPR	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE S D ROCKY SHORE	STRUCTURES
RESOURCES AT RISK SEASO WILDLIFE: HABITAT:	NAL CONSIDERATIONS: S	SPRING SUMMER	R FALL WINTER	
THREATENED/ ENDANGERED: OTHER (RR):				
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIP:			_
PROTECTION STRATEGIES				
BOOM METHOD: DEFLECT RECOVERY PROTECTION X OTHER (PS	DEGREE OF HIGH LOW MEDIUM	PROTECTIBILITY:	MIN BOOM LENGTH	900 ft

PRIORITY M	SENSITIVE ARE	EA SUMMA	RY DATE <u>11/20/</u>	98
SITE # <u>26</u> MAP NUMBER:	1 SI	TE NAME: Port Wash	nington 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE S D ROCKY SHORE	STRUCTURES X
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SF	PRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				_
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF F	PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MINIDOOM LENGTH	000 "
PROTECTION X	MEDIUM		MIN BOOM LENGTH	900 ft
OTHER (PS				

·	SEMPITIAE	AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 27 MAP NUMBER:	1	SITE NAME: Manhasse	et Bay Harbor
USGS QUAD:	NOAA CH	ART #	River Mile:
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE WE
AGENCY/CONTACT	EXPERTISE		PHONE
1 Manhasset Bay Marina	1 AREA		1 (516) 883-8411
2	2		2
3	3		3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL R.	ANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION:			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND E SAND AND GRAV GRAVEL BEACHE	/EL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURE D ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIO	NS: SPRING SUMMER	R
RESPONSE CONSIDERATIONS	OWNE	ERSHIP:	
ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):			
OTTEN (NO).			
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY PROTECTION X	DEGF HIGH LOW MEDI	Ä	MIN BOOM LENGTH 1000 ft

PRIORI	TY M	SENSITIVE	AREA SUMMA	RY DATE 1	/20/98
SITE #28	MAP NUMBER:	1	SITE NAME: Capri Mar	ina West	
USGS QUAD:		NOAA CH	ART #	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 GEOGRAPHIC LOCAT	SITE AREA:	TIDAL R	ANGE ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPT	ION:				
IRANK	ED ROCKY SHORES UT PLATFORMS ND BEACHES	COARSE SAND E SAND AND GRAV GRAVEL BEACH	/EL BEACHES SHELTERE	TIDAL FLATS MARSH ED TIDAL FLATS MAN-M ED ROCKY SHORE	ES ADE STRUCTURES X
RESOURCES AT RIS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	K SLASON	IAL CONSIDERATIC	ONS: SPRING SUMMER	R	L
RESPONSE CONSIDE	RATIONS	OWN	ERSHIP:		
ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS OTHER (RC):		S.//III			
PROTECTION STRAT	EGIES				
	METHOD:	DEG	REE OF PROTECTIBILITY:		
DEFLI	≡ст ∏	HIGH	· 🗆		
RECO	VERY	LOW			
PROT	ECTION X	MED	IUM 🔲	MIN BOOM LENGTH	1 1200 ft

PRIOR	ITY M S	SENSITIVE	AREA SUMMA	RY DATE	<u> 18</u>
SITE # <u>30</u>	MAP NUMBER:	1	SITE NAME: Brewers M	Marina	_
USGS QUAD:		NOAA CHA	ART#	River Mile:	<u></u>
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 GEOGRAPHIC LOCAT	SITE AREA:	TIDAL RA	ANGE ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPT	TION:				
RANK	ED ROCKY SHORES CUT PLATFORMS IND BEACHES	COARSE SAND B SAND AND GRAV GRAVEL BEACHE	EL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE S D ROCKY SHORE	TRUCTURES X
RESOURCES AT RIS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	K SEASON	AL CONSIDERATIO	NS: SPRING SUMMER	R FALL WINTER	
RESPONSE CONSIDE	RATIONS	OWNE	RSHIP:		
ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS OTHER (RC):		JL			
PROTECTION STRAT	EGIES				
	и метноd:	DEGR	REE OF PROTECTIBILITY:		
DEFL	ест П	HIGH	П		
RECO	OVERY	LOW			
PROT	ECTION X	MEDI	UM	MIN BOOM LENGTH	1200 ft

PRIORITY M	SENSITIVE A	REA SUMMA	RY DATE <u>11/20/98</u>	
SITE # 32 MAP NUMBER:	:1	SITE NAME: Glen Cove	Marina	
USGS QUAD:	NOAA CHART :	#	River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDEV	VEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1 Glen Cove Marina	1 AREA		1 (800) 564-2683	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGI	<u></u> ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEAC SAND AND GRAVEL B GRAVEL BEACHES/RI	EACHES SHELTERED	MARSHES D TIDAL FLATS MAN-MADE STRUCTUR D ROCKY SHORE	RES X
RESOURCES AT RISK SEASO WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ONAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER	
RESPONSE CONSIDERATIONS	OWNERSH	IP:		
ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE (OF PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW		MINI DOOM! ENOT!! 000 6	
PROTECTION X	MEDIUM		MIN BOOM LENGTH 800 ft	

PRIORITY M	SENSITIVE ARE	A SUMMAR	Y DATE <u>11/20/9</u>	<u>8</u>
SITE # 33 MAP NUMBE	ER: SIT	E NAME: Venice Yacht	Club	_
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	P	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 EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERED T	IDAL FLATS MAN-MADE S	TRUCTURES X
			_	
RESOURCES AT RISK SEA	SONAL CONSIDERATIONS: SP	RING SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
TUDE ATENED/				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES	DEODEE OF D	DOTEOTION ITY		
BOOM METHOD:		ROTECTIBILITY:		
DEFLECT	HIGH LOW			
RECOVERY PROTECTION X	LOW []		MIN BOOM LENGTH	600 ft
	MEDIOW _		_	
OTHER (PS				

PRIORITY M	SENSITIVE AREA	A SUMMA	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # 34 MAP NUMBER	R:10 SITE	NAME: Barren Isla	and Marina	<u>_</u>
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: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	ES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	FRUCTURES
RESOURCES AT RISK SEAS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SONAL CONSIDERATIONS: SPR	ING SUMMER	R	
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIP:			
PROTECTION STRATEGIES BOOM METHOD: DEFLECT	DEGREE OF PROHIBE	OTECTIBILITY:	MIN BOOM LENGTH	1500 ft

	PRIORIT	Y M	SENSITIVE	E AREA SU	JMMA	RY	DATE	11/20/98	<u>3</u>
SITE#	35	MAP NUMBER:	10	SITE NAME	: Diamond F	Point Marina			_
USGS QL	JAD:		NOAA CH	IART #			River Mile:		_
NOAA ES	SI ATLAS		ESI MAP#	L	ATITUDE	NORTH	LONGITUI	DE	WEST
AGENCY	/CONTACT		EXPERTISE			PHONE			
1			1			1 (718) 444	-7700		
3			3			3			
3			3			3			
SITE DES	SCRIPTION S	SITE AREA:	TIDAL R	ANGE	ft	MAX CURRE	NTS:	kts	
GEOGRA	APHIC LOCATIO	<u>ON:</u>							
<u>PHYSICA</u>	AL DESCRIPTIO	<u> </u>							
SHORELI TYPE (ES RANK	SI) WAVE CUT	ROCKY SHORES T PLATFORMS D BEACHES	COARSE SAND I SAND AND GRAY GRAVEL BEACH	VEL BEACHES	SHELTERE	TIDAL FLATS D TIDAL FLATS D ROCKY SHORI	MAN	SHES I-MADE ST	RUCTURES X
HABITAT THREATE ENDANG OTHER (I	: ENED/ ERED:	SEASON	IAL CONSIDERATIO	ONS: SPRING [SUMMER	R FALL	☐ WINTE	R ∐	
DECDON	SE CONCIDED	ATIONS	OVAVAU	EDOLUD.					
ACCESS: VEHIOR BOAT	CLE X T X GAREAS: TION POINTS:	ATIONS	OWN	ERSHIP:					
PROTEC	TION STRATEG	GIES							
	BOOM N	METHOD:	DEG	REE OF PROTECT	IBILITY:				
	DEFLEC	т 📙	HIGH	· 📙					
	RECOVE	블	LOW	Η		MINI	BOOM LENG	ЭТН	500 ft
	PROTEC	CTION X	MED	IUM 🔲		IVIIIV	JOON LLIN		1000

PRIORITY M	SENSITIVE	AREA SUMMA	ARY DATE <u>11/20/98</u>	<u>8</u>
SITE # 36 MAP NUMBI	ER:4	SITE NAME: South St	reet Seaport	_
USGS QUAD: Manhattan	NOAA CH	ART#	River Mile:	_
NOAA ESI ATLAS <u>EAST RIVER</u>	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
2	1 2		2	
3	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL R	ANGE ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:			MACCONTICE.	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND E SAND AND GRAV GRAVEL BEACHE	/EL BEACHES SHELTER	D TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE ST ED ROCKY SHORE	RUCTURES X
RESOURCES AT RISK SEA WILDLIFE:	SONAL CONSIDERATIO	NS: SPRING SUMME	ER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNE	ERSHIP:		
ACCESS:			_	
VEHICLE X BOAT X				
STAGING AREAS: Brooklyn Navy Y	ard Development Corpora	tion (718) 852-1441		
COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGF	REE OF PROTECTIBILITY:		

RESPONSE CONSIDERATIONS	OWNERSHIP:				
ACCESS: VEHICLE X BOAT X					
STAGING AREAS: Brooklyn Navy Yard Development Corporation (718) 852-1441 COLLECTION POINTS: OTHER (RC):					
PROTECTION STRATEGIES					
BOOM METHOD:	DEGREE OF PROTECTIBILITY:				
DEFLECT X	HIGH				
RECOVERY	LOW				
PROTECTION X	MEDIUM	MIN BOOM LENGTH 3000 ft			
OTHER (PS					

PRIORITY M	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE #37 MAP NUMBER:	4 SITE NAME: Sky	port Marina
USGS QUAD: Manhattan	NOAA CHART #	River Mile:
NOAA ESI ATLAS <u>EAST RIVER</u>	ESI MAP # LATITU	DENORTH 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: GEOGRAPHIC LOCATION:	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	DSED TIDAL FLATS MARSHES LTERED TIDAL FLATS MAN-MADE STRUCTURES X LTERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SU	JMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
	de selven est Occupantion (740) 050 4444	
	development Corporation (718) 852-1441	
COLLECTION POINTS: OTHER (RC):		
PROTECTION STRATEGIES		

VEHICLE BOAT	X		
STAGING ARE COLLECTION OTHER (RC):		orporation (718) 852-1441	
PROTECTION	STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT X	HIGH	
	RECOVERY	LOW	
	PROTECTION X	MEDIUM	MIN BOOM LENGTH 300 ft
OTHER (PS			

PRIORITY M	SENSITIVE A	AREA SUMMA	ARY DATE <u>11/20/9</u>	<u>8</u>
SITE # 38 MAP NUM	1BER:2	SITE NAME: World's F	air Marina	_
USGS QUAD:	NOAA CHAR	RT #	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: GEOGRAPHIC LOCATION:	TIDAL RAN	IGE ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHO TYPE (ESI) WAVE CUT PLATFORM RANK FINE SAND BEACHES		L BEACHES SHELTER	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE S' ED ROCKY SHORE	TRUCTURES X
RESOURCES AT RISK S WILDLIFE: HABITAT:	EASONAL CONSIDERATIONS	S: SPRING SUMME	R	
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNER	SHIP:		
ACCESS:		<u></u>		
VEHICLE				
BOAT				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES	DE005	E OE DDOTEOTIDU ITV		
BOOM METHOD:		E OF PROTECTIBILITY:		
DEFLECT	HIGH	님		
RECOVERY U	LOW	. H	MIN BOOM LENGTH	ft
PROTECTION X	MEDIUN	VI II	WILL DOOM FEINGILL	11

PRIORITY M	SENSITIVE ARI	EA SUMMAI	RY DATE <u>11/20/9</u>	<u>98</u>
SITE # 39 MAP NUMBER	R:8 S	ITE NAME: Atlas Yach	t 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPR	CHES SHELTERED	TIDAL FLATS MARSHES O TIDAL FLATS MAN-MADE S O ROCKY SHORE	TRUCTURES X
RESOURCES AT RISK SEAS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ONAL CONSIDERATIONS: S	PRING SUMMER	FALL WINTER	
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS:	OWNERSHIP:			-
COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF	PROTECTIBILITY:		
DEFLECT	HIGH	1		
RECOVERY	LOW	Ī		
PROTECTION X	MEDIUM	Ī	MIN BOOM LENGTH	300 ft
OTHER (PS	_	_		

PRIORITY M	SENSITIVE A	AREA SUMMA	ARY DATE <u>11/20</u>	<u>/98</u>
SITE # 40 MAP NUMB	BER: 9	SITE NAME: Perth Am	boy Marina	
USGS QUAD:	NOAA CHAF	RT #	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: GEOGRAPHIC LOCATION:	TIDAL RAN	IGE ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORI TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	ES COARSE SAND BEASAND AND GRAVEL BEACHES	L BEACHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE ED ROCKY SHORE	STRUCTURES X
RESOURCES AT RISK SEA WILDLIFE: HABITAT:	ASONAL CONSIDERATIONS	S: SPRING SUMMEI	R	
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNER	SHIP:		
ACCESS:				_
VEHICLE				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
DROTECTION CTRATECIES				
PROTECTION STRATEGIES	DEODE	E OE BROTECTIBILITY		
BOOM METHOD:		E OF PROTECTIBILITY:		
DEFLECT	HIGH	님		
RECOVERY U	LOW	. 님	MIN BOOM LENGTH	500 ft
PROTECTION X	MEDIUI	M I I	IVIIIA POOINI FEIAGIL	300 11

SITE # 42 MAP NUMI	BER: 9	SITE NAME: Smith Creek	Marina	_
USGS QUAD:	NOAA CHART	#	River Mile:	
NOAA ECLATIAC	ECLMAD #		NORTH LONGITURE	— \//=03
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WES
AGENCY/CONTACT	EXPERTISE 1		PHONE 1	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RANG	E ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		BEACHES SHELTERED	DAL FLATS MARSHES TIDAL FLATS MAN-MADE ST ROCKY SHORE	RUCTURES
RESOURCES AT RISK SE WILDLIFE: HABITAT:	ASONAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER	
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERS	HIP:		
ACCESS: VEHICLE BOAT X				
STAGING AREAS:				
COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:		OF PROTECTIBILITY:		
DEFLECT	HIGH	닏		
RECOVERY	LOW			

OTHER (PS

PRIORITY M	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
SITE # 43 MAP NUMB	ER: 8 SITE NAME:	Staten Island Marina
USGS QUAD:	NOAA CHART #	River Mile:
NOAA ESI ATLAS	ESI MAP# LA	TITUDENORTH LONGITUDE WEST
AGENCY/CONTACT	EXPERTISE	PHONE
1	1	1 (718) 442-8018
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE 1	t MAX CURRENTS: kts
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORI TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES SHELTERED ROCKY SHORE
RESOURCES AT RISK SEA WILDLIFE:	ASONAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTI	BILITY:

BOAT X

STAGING AREAS:
COLLECTION POINTS:
OTHER (RC):

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:
DEFLECT HIGH RECOVERY LOW PROTECTION X MEDIUM MIN BOOM LENGTH tt

OTHER (PS

PRIORITY M	SENSITIVE AREA	A SUMMARY	Z DATE <u>11/20/98</u>	<u>3</u>
SITE # 44 MAP NUME		NAME: Marine Basin M		_
USGS QUAD:	NOAA CHART#		River Mile:	_
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PH	IONE	
1	1		(718) 372-5700	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft N	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	ES COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDA SHELTERED TIL SHELTERED RO	DAL FLATS MAN-MADE ST	RUCTURES X
RESOURCES AT RISK SE. WILDLIFE:	ASONAL CONSIDERATIONS: SPRI	NG SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	•			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	OTECTIBILITY:		

OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METI	HOD:	DEGREE OF PROTECTIBILIT	Y:
DEFLECT		нідн	
RECOVERY		LOW	
PROTECTIO	N X	MEDIUM	MIN BOOM LENGTH 500 ft
OTHER (PS			

SITE # 47 MAP NUM	MBER: 8	SITE NAME: Roosevel	t Marina	
USGS QUAD:	NOAA CHA	ART #	River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE _	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
	1		1 (201) 435-3864	
	2		2	
	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RA	ANGE ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHO TYPE (ESI) WAVE CUT PLATFORM RANK FINE SAND BEACHES		EL BEACHES SHELTERI	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE ED ROCKY SHORE	STRUCTURES
WILDLIFE: HABITAT:			R	
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNE	RSHIP:		
ACCESS: VEHICLE X BOAT X	OWNE			_
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGR	REE OF PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
	2011	<u> </u>	MIN BOOM LENGTH	ft

OTHER (PS

PRIORITY M	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/</u>	<u>98</u>
SITE # 48 MAP NUMBER:	8 SITE N	NAME: Roanoke Y	acht 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:				
	_		<u></u>	
SHORELINE EXPOSED ROCKY SHORES			IDAL FLATS MARSHES	
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	—	D TIDAL FLATS MAN-MADE :	STRUCTURES
THE OTHER DEPTENCE	_ OTO TO E BETTO THE OTT TO THE			
			П П	
	IAL CONSIDERATIONS: SPRIN	IG SUMMER	FALL WINTER	
WILDLIFE:				
LIADITAT				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	_			_
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PRO	TECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	500 ft

PRIORITY M	SENSITIVE AR	EA SUMMARY	Y DATE <u>11/20</u>	<u>0/98</u>
SITE # 49 MAP NUMI	BER:8	SITE NAME: Elco Marina		
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	P	HONE	
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 EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	ES COARSE SAND BEACHE SAND AND GRAVEL BEACHES/RIPE	ACHES SHELTERED TI	DAL FLATS MAN-MADE	STRUCTURES
RESOURCES AT RISK SE WILDLIFE: HABITAT:	ASONAL CONSIDERATIONS:	SPRING SUMMER [FALL WINTER	
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP			
ACCESS:	OWNERSHIP			<u>—</u>
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF	PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY 🗌	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	1000 ft

PRIORITY M	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/</u>	<u>/20/98</u>
SITE # 50 MAP NUMBER:	8 SIT	E NAME: Robbins Re	eef 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: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERED	LL	ES DE STRUCTURES
RESOURCES AT RISK SEASO WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS: SP	RING SUMMER	FALL WINTER	
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIP:			
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY PROTECTION X	DEGREE OF PI HIGH	ROTECTIBILITY:	MIN BOOM LENGTH	ft

PRIORITY M	SENSITIVE ARE	EA SUMMAR	Y DATE	11/20/98
SITE # 51 MAP NUM	IBER: 1 SI	TE NAME: Beechurst Ya	acht Club	
USGS QUAD:	NOAA CHART#		River Mile	e:
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGIT	UDE WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1	1		1	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE _	ft	MAX CURRENTS:	kts
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHO TYPE (ESI) RANK WAVE CUT PLATFORM: FINE SAND BEACHES		CHES SHELTERED		ARSHES AN-MADE STRUCTURES X
WILDLIFE:	EASONAL CONSIDERATIONS: SI	PRING SUMMER	FALL WINT	TER
HABITAT: THREATENED/				
ENDANGERED:				
OTHER (RR):				
DESPONSE CONSIDERATIONS	OWNEDOUID			
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS:	OWNERSHIP:			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY	DEGREE OF F	PROTECTIBILITY:		
PROTECTION X	MEDIUM	j	MIN BOOM LE	NGTH ft

PRIORITY M	SENSITIVE ARI	EA SUMMAI	RY DATE <u>11/20/98</u>
SITE # 52 MAP NUMBER	t: <u>1</u> S	ITE NAME: Bayside Ma	arina
USGS QUAD:	NOAA CHART #		River Mile:
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE WES
AGENCY/CONTACT	EXPERTISE		PHONE
1	1 AREA		1 (718) 229-0097
2	2		2
3	3		3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE _	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION:			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPR	CHES SHELTERED	IDAL FLATS MARSHES O TIDAL FLATS MAN-MADE STRUCTURES O ROCKY SHORE
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	ONAL CONSIDERATIONS: S	PRING SUMMER	FALL WINTER
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X BOAT X STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY PROTECTION X	DEGREE OF HIGH LOW MEDIUM	PROTECTIBILITY:	MIN BOOM LENGTH ft

SITE # 54 MAP NUM	BER: 12	SITE NAME: Lemon Co	reek Marina	
USGS QUAD:	NOAA CHA	RT#	River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE _	NORTH LONGITUDE	WES
AGENCY/CONTACT	EXPERTISE		PHONE	
	1		1 (718) 943-9766	
	2		2	
	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RA	NGE ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHOI TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	—	EL BEACHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE S' ED ROCKY SHORE	TRUCTURES
	EASONAL CONSIDERATION	IS: SPRING SUMME	R	
WILDLIFE:				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNER	RSHIP:		
ACCESS:				-
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGR	EE OF PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW	Ц	MINI DOOM! ENOT!!	200 #
PROTECTION X	MEDIL	JM	MIN BOOM LENGTH	300 ft

OTHER (PS

PRIORITY M	SENSITIVE AREA	SUMMARY	DATE	11/20/98
SITE #55 MAP NUMBER:	12 SITE N	AME: USCG Station Sa	andy Hook	
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUE	DE WEST
AGENCY/CONTACT	EXPERTISE	PHC	DNE	
1	1	1	(732) 872-3428	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft M/	AX CURRENTS:	kts
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL SHELTERED TIDA SHELTERED ROO	AL FLATS MAN	SHES -MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING	G SUMMER	FALL WINTER	R 🗍
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X	OWNEROIM .			
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:		
DEFLECT X	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENG	900 ft

PRIOF	RITY M	SENSITIVE A	REA SUMMA	RY DATE <u>11/20/98</u>	
SITE #56	MAP NUMBER:	BER: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	
3		3		3	
SITE DESCRIPTION	SITE AREA:	TIDAL RANGI	≣ ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCA	ATION:				
PHYSICAL DESCRIP	PTION:				
TYPE (ESI) WAVE	SED ROCKY SHORES CUT PLATFORMS AND BEACHES	COARSE SAND BEAC SAND AND GRAVEL B GRAVEL BEACHES/RI	EACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRU D ROCKY SHORE	JCTURES X
RESOURCES AT RI WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	5.	IAL CONSIDERATIONS:	SPRING SUMMER	R FALL WINTER	
RESPONSE CONSID	DERATIONS	OWNERSH	IP:		
ACCESS: VEHICLE X					
BOAT X					
STAGING AREAS:					
COLLECTION POINT	<u> </u>				
OTHER (RC):					
PROTECTION STRA	TEGIES				
вос	OM METHOD:	DEGREE (OF PROTECTIBILITY:		
DEF	LECT	HIGH			
	OVERY	LOW	님	MIN BOOM LENGTH 70	00 ft
PRC	TECTION X	MEDIUM		WIIN BOOM LENGTH 70	<u>10</u> 11

PRIORITY M	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # MAP NUMBE	R: 8 SITE NAME: Marine P	ower & 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: GEOGRAPHIC LOCATION:	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS
RESOURCES AT RISK SEAS WILDLIFE: HABITAT:	SONAL CONSIDERATIONS: SPRING SUMME	R FALL WINTER
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT \square	нівн П	
RECOVERY	LOW \square	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
<u></u>	<u>—</u>	

OTHER (PS

SITE # 103 MAP NUMBER	R: 1	SITIS	E NAME: Englew	yood Boat Basin
		OITE	LINAME. LINGEW	Note Boat Basin
USGS QUAD: Yonkers, NY	NOAA C	HART# <u>12</u>	343	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP #	NY 13	LATITUDE	40°52'15" NORTH LONGITUDE 73°55'32" WES
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND SAND AND GRAVEL BEAC	AVEL BEACH	HES SHELTEI	ED TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEAS WILDLIFE: HABITAT: THREATENED/	ONAL CONSIDERAT	IONS: SPR	RING SUMM	MER FALL WINTER
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X	OWI on Ave., Edgewater N	NERSHIP: J	Palisades Park C	Comm.
STAGING AREAS:				
COLLECTION POINTS: \				
OTHER (RC): expensive boats				
PROTECTION STRATEGIES				
BOOM METHOD:	DE	GREE OF PR	ROTECTIBILITY:	
DEFLECT	HIG	_		
RECOVERY	LO	\vdash		
l 블		DIUM 🗍		MIN BOOM LENGTH ft
PROTECTION	IVIE	ייי ועוטוט		MINT BOOM ELITOTTI

OTHER (PS

PRIORITY M SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 104 MAP NUMBER: 1 SITE NAME: Alpine Bo	at Basin
USGS QUAD: Yonkers, NY NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u> ESI MAP # <u>NY 13</u> LATITUDE 4	0°56'46" NORTH LONGITUDE 73°55'17" WEST
AGENCY/CONTACT EXPERTISE 1 . 2 Palasades Park Comm. 2 3	PHONE 1 (914)437-6720 2 (201)768-9798 3
SITE DESCRIPTION SITE AREA: TIDAL RANGE ft GEOGRAPHIC LOCATION: Alpine NJ	MAX CURRENTS: kts
TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES ED ROCKY SHORE
RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING SUMME WILDLIFE:	R
HABITAT:	
THREATENED/ ENDANGERED: OTHER (RR):	
RESPONSE CONSIDERATIONS OWNERSHIP: Palisades Park Co	mm.
ACCESS: VEHICLE X Palisades Parkway/ gas available at site BOAT X STAGING AREAS:	
COLLECTION POINTS: OTHER (RC): Private boats	

OTHER (RC): Private boats

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH DOW DOWN DECOMES LOW DECOMES MIN BOOM LENGTH MEDIUM MEDIUM MIN BOOM LENGTH MEDIUM DOWN DECOMES MEDIUM DECOMES MIN BOOM LENGTH MEDIUM DECOMES ME

PRIORITY M	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 203 MAP NUMBER:	2 SITE NAME: Marina	
USGS QUAD: Yonkers, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # NY 14 LATITUDE 41	1°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: GEOGRAPHIC LOCATION: Piermont/Wes	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): 198 boats stored		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X Rt 9W to P BOAT X	Piermont Ave.	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): rest rooms, boat laur	nch, food available	
PROTECTION STRATEGIES		

COLLECTION POINTS:
OTHER (RC): rest rooms, boat launch, food available

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:
DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY M	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>			
SITE # 204 MAP NUMBER:	2 SITE NAME: Tappan Ze	ee 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 1 DEC/ J. O'Mara	EXPERTISE 1 Spill Response	PHONE 1 (914)437-6720			
2 Marina	2	2 (914)359-5522			
3	3	3			
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Piermont, N.Y.	TIDAL RANGE ft / West side of river at river mile 25\	MAX CURRENTS: kts			
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES					
TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE					
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	R			
HABITAT:					
THREATENED/ ENDANGERED:					
OTHER (RR): 139 boats stored					
RESPONSE CONSIDERATIONS	OWNERSHIP:				
ACCESS: VEHICLE X BOAT X	iermont Ave.				
STAGING AREAS: COLLECTION POINTS: OTHER (RC): food, fuel, rest rooms	available				
PROTECTION STRATEGIES					

ROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH

PRIORITY M S	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>
SITE #205 MAP NUMBER:	2 SITE N	NAME: Tarrytown N	Marina
USGS QUAD: Nyack	NOAA CHART # 1234	13	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # NY 19	LATITUDE 41	°04'17" NORTH LONGITUDE 73°52'01" WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 Tarrytown Marina 3	EXPERTISE 1 Spill Response 2 3		PHONE 1 (914)437-6720 2 (914)631-1300 3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Tarrytown, N.Y PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	TIDAL RANGE . East side of river at river mile 27 COARSE SAND BEACHES SAND AND GRAVEL BEACHE	EXPOSED T	MAX CURRENTS: kts TIDAL FLATS
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP AL CONSIDERATIONS: SPRIN	SHELTERED	ROCKY SHORE
HABITAT:			
THREATENED/ \ ENDANGERED: OTHER (RR): 200 boats stored/floating doc	cks		
RESPONSE CONSIDERATIONS	OWNERSHIP:		
BOAT X STAGING AREAS: COLLECTION POINTS: \	by RR station available. 12 ft water at dock.		

ROTECTIO	N STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	ніgн	
	RECOVERY	LOW	
	PROTECTION	MEDIUM	MIN BOOM LENGTH ft

PRIORITY M	SENSITIVE AREA	SUMMAF	XY DATE <u>11/20/98</u>
SITE # 206 MAP NUMBER:	2 SITE NA	AME: Tarrytown Y	acht Club
USGS QUAD: Nyack	NOAA CHART # 12343	3	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP		DAL FLATS MARSHES TIDAL FLATS MAN-MADE STRUCTURES (2) ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING	S SUMMER	FALL WINTER
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
, ,			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:			
VEHICLE X			
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
	C.C. drains all of Tarrytown's storm se	owers Fuel availa	able
Culvert just north of f	.o. drams an or ranytowns storm se	Swors. I uel avalla	
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROT	ECTIBILITY:	
DEFLECT	HIGH		
RECOVERY	LOW \square		
PROTECTION	MEDIUM		MIN BOOM LENGTH ft

OTHER (PS

PRIORITY M	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 207 MAP NUMBER:	2 SITE NAME: Peterson's	Boatyard (south)
USGS QUAD: Nyack	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # NY 14 LATITUDE 4	1°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: GEOGRAPHIC LOCATION: Nyack, N.Y. W	TIDAL RANGE ft Vest side of river at river mile 28	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): 55 boats stored		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		<u> </u>
VEHICLE X RT. 9W to I BOAT X	Main to end of Burd St.	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): small marina, no fuel		
PROTECTION STRATEGIES		
ROOM METHOD:	DECREE OF PROTECTIBILITY:	

RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X RT. 9W to Main to end	of Burd St.	
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): small marina, no fuel		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY M	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 208 MAP NUMBER:	2 SITE NAME: Peterson's	s Boatyard
USGS QUAD: Nyack	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # NY 14 LATITUDE 4	1°07'20"_NORTH LONGITUDE
AGENCY/CONTACT 1 DEC/ J. O'Mara	EXPERTISE 1 Spill Response	PHONE 1 (914)437-6720
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Upper Nyack,	TIDAL RANGE ft west side of river at river mile 28	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES X D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	R
HABITAT:		
THREATENED/ ENDANGERED: OTHER (RR): 55 boats stored. Large mod	oring field between the north and south boatyards.	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): restrooms, fuel availa	able	
PROTECTION STRATEGIES		

BOOM METHOD: DEGREE OF PROTECTIBILITY:	
DEFLECT HIGH	
RECOVERY LOW	
PROTECTION MEDIUM MIN BOOM LENGT	'H ft

SITE # 302 MAP NUME	ER: SITE	NAME: Westerly M	larina	
USGS QUAD: Ossining, NY	NOAA CHART # 123	43	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: Ossining.	TIDAL RANGEeast side of the river at river mile 32	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: marina				
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) RANK WAVE CUT PLATFORMS FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	SHELTERE	DIDAL FLATS MARSHES DITIDAL FLATS MAN-MADE STRUGOROCKY SHORE	CTURES 2
RESOURCES AT RISK SE. WILDLIFE:	ASONAL CONSIDERATIONS: SPRII	NG SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): 80 boats stored				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	-			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC): restrooms, fuel a	available			

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH
RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH ft

PRIORITY M	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 303 MAP NUMBER	: 3 SITE NAME: Marine	
USGS QUAD: Ossining, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-2 LATITUDE 4	11°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: GEOGRAPHIC LOCATION: Ossining, at a	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERI	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES X ED ROCKY SHORE
	DNAL CONSIDERATIONS: SPRING SUMME	R
WILDLIFE:		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): 90 boats stored		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): food, fuel, and laund	ch ramp available at site.	
PROTECTION STRATEGIES		

COLLECTION POINTS:		
OTHER (RC): food, fuel, and launch	ramp available at site.	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн 🔲	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY M	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 306 MAP NUMBER	R:3 SITE NAME: H	alf Moon Bay Yacht Club
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-1 LATIT	TUDE 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: GEOGRAPHIC LOCATION: Croton-on-H	TIDAL RANGE ft ludson, east side of river at river mile 35	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SH	POSED TIDAL FLATS MARSHES ELTERED TIDAL FLATS MAN-MADE STRUCTURES X ELTERED ROCKY SHORE
RESOURCES AT RISK SEAS WILDLIFE:	ONAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): 90 boats stored		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	LITY:

HIGH LOW

MEDIUM

MIN BOOM LENGTH _____ ft

DEFLECT

OTHER (PS

PRIORITY M	SENSITIVE AREA SUMM	MARY DATE
SITE # 401 MAP NUMBE	R: 4 SITE NAME: Have	erstraw Marina
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1 LATITUE	DE <u>41°13'05"</u> NORTH LONGITUDE <u>73°57'53"</u> 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: GEOGRAPHIC LOCATION: W. Haverst	TIDAL RANGE ft raw, west side of river at river mile 37	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES		SED TIDAL FLATS MARSHES
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHEL	TERED TIDAL FLATS MAN-MADE STRUCTURES TERED ROCKY SHORE
RESOURCES AT RISK SEAS WILDLIFE:	SONAL CONSIDERATIONS: SPRING SUI	MMER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Open all year. 700 boats	stored	
RESPONSE CONSIDERATIONS	OWNERSHIP: Haverstraw. C	Corp.
ACCESS: VEHICLE X BOAT X	o Railroad Ave, N on Beach Rd. or Main St. Stony	Pt. to Beach Rd.\\\
STAGING AREAS: COLLECTION POINTS:		
OTHER (RC): food, fuel, launch	ramp, restrooms available	

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW

PROTECTION MEDIUM MIN BOOM LENGTH 1000 ft

SITE # 406 MAP NUMBE	SENSITIVE AREA R:4 SITE	NAME: Willow Cove Marina	ı	_
USGS QUAD: Haverstraw, NY	NOAA CHART # 123	3	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-1	LATITUDE <u>41°13'43"</u>	NORTH LONGITUDE 73°	°58'33" WEST
AGENCY/CONTACT	EXPERTISE	PHONI		
1 DEC/ J. O'Mara	1 Spill Response		•(914)437-6720	
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Stony Poin	TIDAL RANGEt, west side of river at river mile 39	ft MAX	CURRENTS: kts	
PHYSICAL DESCRIPTION: marina	_	_	_	_
SHORELINE EXPOSED ROCKY SHORE: TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FL SHELTERED TIDAL SHELTERED ROCKY	FLATS MAN-MADE	STRUCTURES >
RESOURCES AT RISK SEAS WILDLIFE:	SONAL CONSIDERATIONS: SPRI	IG SUMMER F	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): 140 boats stored				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	-			_
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC): food and boat lau	nch available			

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH
RECOVERY LOW

PROTECTION MEDIUM MEDIUM MIN BOOM LENGTH 500 ft

PRIORITY M	SENSITIVE AREA	\ SUMMAF	RY DATE <u>11/20/98</u>
SITE # 407 MAP NUMBER:	4 SITE	NAME: Stony Point	Marina
USGS QUAD: Haverstraw, NY	NOAA CHART# 123	43	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: Stony Point, w	TIDAL RANGE	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	 	DAL FLATS MARSHES TIDAL FLATS MAN-MADE STRUCTURES E ROCKY SHORE
	NAL CONSIDERATIONS: SPRI	NG SUMMER	FALL WINTER
WILDLIFE:			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR): 120 boats stored at marina			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:	-		
VEHICLE X			
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC):			

MIN BOOM LENGTH _____ ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:

DEFLECT

RECOVERY

PROTECTION

PRIORITY M	SENSITIVE AREA	SUMMAR	Y DATE <u>11/20/98</u>	
SITE # 408 MAP NUMBER:	4 SITE	NAME: Belle Harbor	Marina	
USGS QUAD: Haverstraw, NY	NOAA CHART # 123	43	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1	LATITUDE 41°1	3'59" NORTH LONGITUDE 73°58'33"	_ WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 3	EXPERTISE 1 Spill Response 2 3		PHONE 1 (914)437-6720 2 3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Stony Point, v	TIDAL RANGEwest side of river at river mile 39	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	—	—	TURES X
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SPRII	NG SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): 120 boats stored at marina				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X STAGING AREAS:				
COLLECTION POINTS: OTHER (RC): boat launch and rest	rooms available at site			

OTHER (RC):	boat launch and restrooms availab	le at site	
PROTECTION	STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	HIGH	
	RECOVERY	LOW	
	PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS			

PRIORITY M	SENSITIVE AREA	A SUMMA	$ m RY$ date $_{-11}$	/20/98
SITE # 409 MAP NUMBER:	4 SITE	NAME: Minisceon	go Yacht Club	
USGS QUAD: Haverstraw, NY	NOAA CHART # 123	343	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	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, w	est side of river at river mile 39			
PHYSICAL DESCRIPTION: marina				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHI GRAVEL BEACHES/RIPRAP	ES SHELTEREI	TIDAL FLATS MARSH D TIDAL FLATS MAN-MA D ROCKY SHORE	ES ADE STRUCTURES)
		_		
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPRI	NG SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
TUDE ATENED				
THREATENED/ ENDANGERED:				
OTHER (RR): 125 boats stored at marina				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	•			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC): fuel and boat launch	available at site.			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH CRECOVERY DOWN DEGREE OF PROTECTIBILITY:

NOTHER (PS

PRIORITY M	SENSITIVE AREA SUMMA	.RY DATE <u>11/20/98</u>
SITE # 411 MAP NUMBER:	4 SITE NAME: Viking Ma	ırina
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1 LATITUDE 4	1°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: GEOGRAPHIC LOCATION: Verplanck, eas	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES 2 ED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMME	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): 150 boats stored at marina		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X	any Post Rd to Kings Ferry Rd.	
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC): food and restrooms a	vailable at site.	

FAC	TECTION STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	ніgн	
	RECOVERY	LOW	
	PROTECTION	MEDIUM	MIN BOOM LENGTH ft

SITE # 415 MAP NUMBER	R:4 SITE I	E NAME: Charles Pt. Marina
USGS QUAD: Peekskill, NY	NOAA CHART # 1234	2343 River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3	LATITUDE 41°16'52" NORTH LONGITUDE 73°56'19" WE
AGENCY/CONTACT	EXPERTISE	PHONE
DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Peekskill, ea	TIDAL RANGEast side of river at river mile 43	ft MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	COARSE SAND BEACHES SAND AND GRAVEL BEACHE	EXPOSED TIDAL FLATS MARSHES HES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	
RESOURCES AT RISK SEAS WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR): 102 boats stored at marin	ONAL CONSIDERATIONS: SPRIN	RING SUMMER FALL WINTER
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:	-	

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW

PROTECTION MEDIUM MIN BOOM LENGTH _____ ft

PRIORITY M	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>	
SITE # 502 MAP NUMBER:	5 SITE N	IAME: Garrison Yacht Club		
USGS QUAD: Peekskill, NY	NOAA CHART # 1234:	3	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3	LATITUDE 41°22'37" NC	DRTH LONGITUDE 73°56'59"	_ WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 3	EXPERTISE 1 Spill Response 2 3	PHONE 1 (914 2 3)437-6720	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Garrison East	TIDAL RANGEside of river at river mile 51	ft MAX CU	IRRENTS: kts	
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SI	ATS MAN-MADE STRUCT	rures X
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRIN	G SUMMER FALI	L WINTER	
HABITAT:				
THREATENED/ ENDANGERED: OTHER (RR): 31 boats stored				
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC): Club has their own be	OWNERSHIP:			

OTHER (RC):	Club has their own boom		
PROTECTION	N STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	ніgн	
	RECOVERY	LOW	
	PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS			

PRIORITY M	SENSITIVE AREA S	SUMMAI	RY DATE <u>11/20/98</u>			
SITE # 503 MAP NUMBER:	5 SITE NAI	ME: West Point	Yacht Club			
USGS QUAD: West Point, NY	NOAA CHART # 12343		River Mile:			
NOAA ESI ATLAS <u>Hudson River</u>	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 W	est side of the river at river mile51					
PHYSICAL DESCRIPTION: marina						
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	IRANK					
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPRING	SUMMER	FALL WINTER			
WILDLIFE:						
HABITAT:						
INDITAL.						
THREATENED/ ENDANGERED:						
OTHER (RR): 15 boats stored						
RESPONSE CONSIDERATIONS	OWNERSHIP: US	Military Academy	,			
ACCESS:			<u>'</u>			
VEHICLE X USMA, Tha	yer Rd.					
BOAT X						
STAGING AREAS:						
COLLECTION POINTS:						
	5 k boom on reel at site					

PROTECTION ST	RATEGIES		
В	ООМ METHOD:	DEGREE OF PROTECTIBILITY:	
D	EFLECT	ніgн	
R	ecovery 🗍	LOW	
PI	ROTECTION 🗍	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS			

PRIORITY M	SENSITIVE AREA S	SUMMAR	Y DATE <u>11/20/98</u>
SITE # 508 MAP NUMBER:	5 SITE NA	ME: Cold Spring	Boat Club
USGS QUAD: West Point, NY	NOAA CHART # <u>12343</u>		River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-5	LATITUDE 41°2	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TII SHELTERED SHELTERED	
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER	FALL WINTER
WILDLIFE:			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR): Private Yacht Club with 60	boats stored		
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:			
VEHICLE X Rt 9D to R	t 301		
BOAT X			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC): Boat ramp, rest roon	ns available		

COLLECTION	N POINTS:		
OTHER (RC):	Boat ramp, rest rooms available		
PROTECTIO	N STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	ніgн 🔲	
	RECOVERY	LOW	
	PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS			

PRIORITY M	SENSITIVE AREA SUM	IMARY DATE <u>11/20/98</u>
SITE #511 MAP NUMBER	:5 SITE NAME: <u>C</u>	ornwall Yacht Club
USGS QUAD: West Point, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-5 LATIT	UDE 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: GEOGRAPHIC LOCATION: Cornwall-on-	TIDAL RANGE ft Hudson, West side of the river at river mile 57	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	POSED TIDAL FLATS MARSHES ELTERED TIDAL FLATS MAN-MADE STRUCTURES X ELTERED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE:	DNAL CONSIDERATIONS: SPRING S	SUMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): April 15 to Oct 15, 102 box	ats stored	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X Rt 9W to BOAT X	Rt 218 to River Rd.\\boat access has 15 ft of w	ater for approach and 4 ft at the dock
STAGING AREAS: COLLECTION POINTS: OTHER (RC): Boat ramp and fuel	available	
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBIL	ITY:

HIGH LOW

MEDIUM

MIN BOOM LENGTH _____ ft

DEFLECT

OTHER (PS

PRIORITY M	SENSITIVE AREA	SUMMAR	Y DATE <u>11/20/98</u>	
SITE # 605 MAP NUMBER:	6 SITE N	NAME: Gull Harbor M	larina	
USGS QUAD: Cornwall, NY	NOAA CHART # 1234	3	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-4	LATITUDE 41°29	9'34" NORTH LONGITUDE 74°00'24"	WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 3	EXPERTISE 1 Spill Response 2 3	F 1 2 3	2	
SITE DESCRIPTION SITE AREA:	TIDAL RANGEest side of the river at river mile 60\		MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TID. S SHELTERED T SHELTERED R	IDAL FLATS MAN-MADE STRUCTU	RES >
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SPRIN	IG SUMMER [FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED: OTHER (RR): 140 boats stored				
BOAT X STAGING AREAS: Newburgh Landing is COLLECTION POINTS:	OWNERSHIP: available south of the marina. a good staging area with parking a	nd boat ramp.		
OTHER (RC):				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH COVERY COV

PRIORITY M S	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>	
SITE # 606 MAP NUMBER:	6 SITE	NAME: Beacon Yacht Club)	
USGS QUAD: Wappingers Falls, NY	NOAA CHART # <u>1234</u>	3	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7	LATITUDE 41°30'23"	NORTH LONGITUDE 73°58'59" V	WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 3	EXPERTISE 1 Spill Response 2 3	PHON 1 2 3	NE (914)437-6720	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Newburgh\East	TIDAL RANGE Side of the river at river mile 60	ft MAX	CURRENTS: kts	
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FI S HELTERED TIDAL SHELTERED ROCK	FLATS MAN-MADE STRUCTUR	RES ≯
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED:	AL CONSIDERATIONS: SPRIN	IG SUMMER	FALL WINTER	
OTHER (RR): 35 boats				
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS: Metro North parking lo COLLECTION POINTS: OTHER (RC): Small boat ramp availa				

BOOM METHOD: DEGREE OF PROTECTIBILITY:

HIGH

DEFLECT

RECOVERY LOW PROTECTION MEDIUM

OTHER (PS

MIN BOOM LENGTH _____ ft

PRIORITY M	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>		
SITE # 607 MAP NUMBER:	6 SITE N	NAME: Newburgh	Yatch Club		
USGS QUAD: Newburgh, NY	NOAA CHART# 1234	3	River Mile:		
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-6	LATITUDE 41	°31'04" NORTH LONGITUDE 74°00'24" WEST		
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 Office	EXPERTISE 1 Spill Response 2		PHONE 1 (914)437-6720 2 (914)565-3920		
3	3		3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Newburgh\Wes	TIDAL RANGE st side of the river at river mile 61	ft	MAX CURRENTS: kts		
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE					
RESOURCES AT RISK SEASON WILDLIFE:	IAL CONSIDERATIONS: SPRIN	IG SUMMER	FALL WINTER		
HABITAT:					
THREATENED/ ENDANGERED:					
OTHER (RR): May 1st to last week in Octo	ber 110 boats stored				
RESPONSE CONSIDERATIONS	OWNERSHIP:				
ACCESS: VEHICLE X \Boat acces BOAT X	s has 12 feet of water on approach	and 6 feet at the o	dock		
STAGING AREAS:					
COLLECTION POINTS: OTHER (RC): Food/fuel/rest rooms a	available. Small boat launch.				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY M	SENSITIVE AREA	SUMMAR	RY DATE <u>11/20/98</u>
SITE # 608 MAP NUMBER:	6 SITE	NAME: Newburgh M	larina
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 123	43	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7	LATITUDE 41°	32'55" NORTH LONGITUDE 73°59'46" WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 3	EXPERTISE 1 Spill Response 2 3		PHONE 1 (914)437-6720 2 3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Beacon\West s	TIDAL RANGEside of the river just south of the H	ft ess Terminal	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	—	DAL FLATS MARSHES TIDAL FLATS MAN-MADE STRUCTURES NOCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRII	NG SUMMER	FALL WINTER
HABITAT:			
THREATENED/ ENDANGERED: OTHER (RR): 50 boats - anchored and on	floating docks		
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC): small boat ramp	-		

MIN BOOM LENGTH 2000 ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:

DEFLECT

RECOVERY

PROTECTION

PRIORITY M	SENSITIVE AREA	SUMMAR	$ m Y$ date $_{-1}$	<u>1/20/98</u>
SITE # 609 MAP NUMBER:	6 SITE N	NAME: Chelsea Yach	nt Club	
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 1234	13	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7	LATITUDE 42°5	8'02" NORTH LONGITUDE	073°58'22" WEST
AGENCY/CONTACT	EXPERTISE	11	PHONE	
1 DEC/ J. O'Mara	1 Spill Response	1		
2	2	2	2	
3	3	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Chelsea - East	TIDAL RANGEt side of the river at river mile 64	ft	MAX CURRENTS: kts	;
PHYSICAL DESCRIPTION: marina				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	—	— — — — — — — — — — — — — — — — — — —	HES ADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRIN	NG SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): 130 boats in a mooring field				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X	-			
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC): Small town boat ramp	o available			

OTHER (RC):	Small town boat ramp available				
PROTECTION STRATE	GIES				
воом	METHOD:	DEGREE	OF PROTECTIBILITY:		
DEFLE	ст 🔲	HIGH			
RECO\	/ERY	LOW			
PROTE	CTION	MEDIUM		MIN BOOM LENGTH	ft
OTHER (PS					

PRIORITY M	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>
SITE # 610 MAP NUMBER:	6 SITE 1	NAME: Chelsea Ma	arina
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 1234	13	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: Chelsea- East	TIDAL RANGEside of the river at river mile 64	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	<u> </u>	DAL FLATS MARSHES O TIDAL FLATS MAN-MADE STRUCTURES O ROCKY SHORE
DESCRIPCES AT DISK	NAL CONCIDED ATIONS OF ORDIN		
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRIN	NG SUMMER	FALL WINTER
WIEDEN E.			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR): about 100 boats stored at fle	oating docks.		
DESPONSE CONSIDERATIONS	OWALE DOLLID.		
RESPONSE CONSIDERATIONS ACCESS:	OWNERSHIP:		
VEHICLE X			
BOAT X			
STAGING AREAS: Site is a good staging	g area with parking and a boar ramp	o available.	
COLLECTION POINTS:	-		
OTHER (RC):			

MIN BOOM LENGTH 3000 ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:

PROTECTION X

DEFLECT

RECOVERY

PRIORITY M	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>	
SITE # 701 MAP NUMBER:	7 SITE	NAME: White's Ma	rina	
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 1234	47	River Mile:	
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7	LATITUDE 41°	235'03" NORTH LONGITUDE 73°56'59" WEST	
AGENCY/CONTACT 1 DEC/ J. O'Mara 2 White's Marina 3	EXPERTISE 1 Spill Response 2 3		PHONE 1 •(914)437-6720 2 (914)297-8520 3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: New Hamburgi	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: bay with private marina/floating docks SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS TYPE (ESI) WAVE CUT PLATFORMS X SAND AND GRAVEL BEACHES X SHELTERED TIDAL FLATS MAN-MADE STRUCTURES X SHELTERED ROCKY SHORE				
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRIN	NG SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED: OTHER (RR): site is small bay occupied b	y Whites Marina with about 307 bo	pats stored at site		
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X boat launch BOAT X STAGING AREAS: White's Marina COLLECTION POINTS:	- n is available at White's Marina.			
OTHER (RC):				

MIN BOOM LENGTH 5000 ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:

PROTECTION X

DEFLECT

RECOVERY

PRIORITY M	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # MAP NUMBER:	7 SITE NAME: New Hamb	urgh Yacht Club
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: New Hamburg	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTERED	MARSHES DITIDAL FLATS MAN-MADE STRUCTURES DIROCKY SHORE
DESCRIPCES AT DISK	NAL CONSIDERATIONS: SPRING SUMMER	☐ FALL ☐ WINTER ☐
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	FALL WINTER
WILDLITE.		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): 50 boats at floaling docks		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		

MIN BOOM LENGTH _____ ft

HIGH

LOW

MEDIUM

BOOM METHOD:

PROTECTION

DEFLECT

OTHER (PS

RECOVERY

PRIORITY M	SENSITIVE AREA SU	MMARY DATE <u>11/20/98</u>
SITE # 705 MAP NUMBER:	7 SITE NAME:	West Shore Marina
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7 LAT	TITUDE 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: GEOGRAPHIC LOCATION: Marlboro- We	TIDAL RANGE ff	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X S	EXPOSED TIDAL FLATS MARSHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES ENERGY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
WILDLIFE:		
НАВІТАТ:		
THREATENED/ ENDANGERED:		
OTHER (RR): April 1st to October 15th, 1st	90 boats stored	
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X 12 foot of	water at the docks	
-		
BOAT X		
BOAT X STAGING AREAS:		

PRIORITY M	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 802 MAP NUMBER	: 8 SITE NAME: Mariner's	Harbor Marina
USGS QUAD: Poughkeepsie, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-8 LATITUDE 4	1°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: GEOGRAPHIC LOCATION: Highland	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES ED ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE:	ONAL CONSIDERATIONS: SPRING SUMME	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Marina has about 30 boats	s and floating docks. Hudson Valley River Boat Tours	operate at location
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X		
STAGING AREAS: Waryas Memorial P COLLECTION POINTS:	Park Poughkeepsie is south of this site with parking and	d boat ramp.
	acent neighbor to the North	

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH EXECUTE HIGH LOW

PROTECTION MEDIUM MIN BOOM LENGTH 1000 ft

PRIORITY M	SENSITIVE AREA SUMM	ARY DATE <u>11/20/98</u>
SITE # 804 MAP NUMBER:	8 SITE NAME: Hyde F	ark Marina
USGS QUAD: Poughkeepsie, NY	NOAA CHART # <u>12347</u>	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTE	ED TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	IAL CONSIDERATIONS: SPRING SUMM	MER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Site is a protected marina wind 100 boats.	th additional floating docks outside of the protection	on. There is a small inlet to the main marina. Marina has
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
	at at site. Hospital is nearby.	

OTHER (RC):	Food/fuel/Sheriffs boat at site. Hos	spital is nearby.		
PROTECTION	STRATEGIES			
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:		
	DEFLECT	ніgн X		
	RECOVERY	LOW		
	PROTECTION X	MEDIUM	MIN BOOM LENGTH 200 ft	
OTHER (PS				

PRIORITY M	SENSITIVE AR	REA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 806 MAP NUMBER:	8	SITE NAME: Roger's F	Point Marina (914)229-2236
USGS QUAD: Hyde Park, NY	NOAA CHART#	12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-9	LATITUDE 4	11°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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACH SAND AND GRAVEL BE GRAVEL BEACHES/RIP	ACHES SHELTER	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES X ED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR): Floating docks with about 50		SPRING SUMME	R
RESPONSE CONSIDERATIONS	OWNERSHI	P:	
ACCESS: VEHICLE X Access roa	d at 1st light to the south of	the Vanderbilt Mansion	
BOAT X			
BOAT X			
BOAT X STAGING AREAS:			
BOAT X STAGING AREAS: COLLECTION POINTS:	at ramps at site (shallow wa	nter).	
BOAT X STAGING AREAS: COLLECTION POINTS:	at ramps at site (shallow wa	iter).	
BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC): Gas available, two bo		iter). F PROTECTIBILITY:	
BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC): Gas available, two bo			
BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC): Gas available, two both PROTECTION STRATEGIES BOOM METHOD:	DEGREE O		

OTHER (PS

PRIORITY M	SENSITIVE AREA SUM	MARY DATE <u>11/20/98</u>
SITE # 901 MAP NUMBER:	9 SITE NAME: No	rrie Yacht Basin
USGS QUAD: Hyde Park, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-9 LATITU	JDE 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
		<u> </u>
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Staatsburgh	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina		
SHORELINE EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHE	OSED TIDAL FLATS LITERED TIDAL FLATS LITERED ROCKY SHORE MARSHES X MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR): boats in the marina.	NAL CONSIDERATIONS: SPRING SI	UMMER FALL WINTER
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X site is locat BOAT X	eed within the Indian Kill (site 902)	
STAGING AREAS:		
COLLECTION POINTS:		
	is due for construction 97/98. Limited access	to ramp at low tide.
PROTECTION STRATEGIES		
BOOM METHOD: DEFLECT RECOVERY PROTECTION X	DEGREE OF PROTECTIBILI' HIGH	TY: MIN BOOM LENGTH 1500 ft
OTHER (DC		

OTHER (PS

PRIORITY M	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 909 MAP NUMBER:	9 SITE N	IAME: Creek Marinas	
USGS QUAD: Kingston East, NY	NOAA CHART # 12347	7	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-10	LATITUDE 41°54'56"	NORTH LONGITUDE 73°59'22" WEST
AGENCY/CONTACT	EXPERTISE	PHON	E
1 DEC/ J. O'Mara	1 Spill Response	1 (914)437-6720
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Kingston	TIDAL RANGE	ft MAX	CURRENTS: kts
PHYSICAL DESCRIPTION: marinas (Num	ber:10)		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FL SHELTERED TIDAL X SHELTERED ROCK	FLATS MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING	G SUMMER F	FALL WINTER
HABITAT:			
THREATENED/ ENDANGERED: OTHER (RR): lots of boats located at about	ut ten seperate marinas in the Rondo	out Creek.	
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X BOAT X	marinas are located deep into the o	леек.	
STAGING AREAS: COLLECTION POINTS: OTHER (RC): gas is available and s	several marinas have small boat ram	nne	
gas is available and s	ocvorai maimas nave sinaii budi lali	ipo.	

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH COVERY COVERY COVERY NECOVERY MEDIUM MIN BOOM LENGTH 4000 ft

PRIORITY M	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 1102 MAP NUMBE	R:11 SITE NAME: Creek m	arinas
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS MARSHES EED TIDAL FLATS MAN-MADE STRUCTURES EED ROCKY SHORE
	SONAL CONSIDERATIONS: SPRING SUMME	ER FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH COVERY LOW PROTECTION X MEDIUM MIN BOOM LENGTH 1000 ft

PRIORITY M SITE # 1202 MAP NUM	SENSITIVE AREA	NAME: Creek mari		
USGS QUAD: Hudson South, NY	NOAA CHART # 123	347	River Mile:	
NOAA ESI ATLAS <u>HRL-11</u>	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: GEOGRAPHIC LOCATION: Catskill	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: marinas SHORELINE EXPOSED ROCKY SHOI TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		—	IDAL FLATS MARSHES O TIDAL FLATS MAN-MADE STRUCT O ROCKY SHORE	TURES [
RESOURCES AT RISK SI WILDLIFE:	EASONAL CONSIDERATIONS: SPR	ING SUMMER	A FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:	NYS, Private		
ACCESS:	•			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH
RECOVERY LOW

PROTECTION X MEDIUM MIN BOOM LENGTH 6000 ft

PRIORITY M	SENSITIVE AREA	SUMMA	RY DATE <u>11/20/98</u>	
SITE # 1211 MAP NUMBER:	12 SITE	NAME: Hudson Po	owerboat Association	
USGS QUAD: Hudson North, NY	NOAA CHART # <u>123</u>	47	River Mile:	
NOAA ESI ATLAS <u>HRL-12</u>	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: GEOGRAPHIC LOCATION: \Hudson	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: \Large Marina				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STR D ROCKY SHORE	UCTURES X
	NAL CONSIDERATIONS: SPRI	NG SUMMER	R FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X				
VEHICLE X BOAT X				
STAGING AREAS: Hudson Powerboat A	Asso large dock right on the river.			
COLLECTION POINTS:				
OTHER (RC):				

OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	нідн 🗵	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY M	SENSITIVE AREA	A SUMMARY	Z DATE <u>11/20/98</u>
SITE # 1401 MAP NUMBER:	14 SITE	NAME: Shady Harbor	Marina
USGS QUAD: Ravena, NY	NOAA CHART# 123	348	River Mile:
NOAA ESI ATLAS <u>HRL-13</u>	ESI MAP # 13	LATITUDE 42-26	09" NORTH LONGITUDE 073-42' 01" WEST
AGENCY/CONTACT 1 NY - DEC Region 4 2 3	EXPERTISE 1 2 3	Pl 1 2	HONE (607) 652 - 7364
3	3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: New Baltimore	TIDAL RANGE	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHI GRAVEL BEACHES/RIPRAP	EXPOSED TIDA ES X SHELTERED TI SHELTERED RO	DAL FLATS MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPRI	ING SUMMER	FALL WINTER
WILDLIFE:	IAL CONSIDERATIONS. SFR	ING _ SOMMER _	TALL WINTER [
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X BOAT X			
STAGING AREAS: COLLECTION POINTS: OTHER (RC):			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH X

 RECOVERY
 LOW
 MIN BOOM LENGTH
 10000 ft

PRIORITY M	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>
SITE # 1404 MAP NUMBER:	14 SITE N	NAME: Coeymans Marina	
USGS QUAD: Ravena, NY	NOAA CHART # 1234	8	River Mile:
NOAA ESI ATLAS <u>HRL-14</u>	ESI MAP #14	LATITUDE <u>42-27' 18"</u>	NORTH LONGITUDE 073-47' 03" WEST
AGENCY/CONTACT	EXPERTISE	PHONI	
1 NY - DEC Region 4	1	1	(607) 652 - 7364
2	2	2	
3	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Coeymans	TIDAL RANGE	ft MAX	CURRENTS: kts
PHYSICAL DESCRIPTION: marina			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FL SHELTERED TIDAL SHELTERED ROCKY	FLATS MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRIN	IG SUMMER F	ALL WINTER
HABITAT: submerged reef			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X BOAT X	_		
STAGING AREAS: Coeymans Boat Laur COLLECTION POINTS: OTHER (RC):	nch		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH 4000 ft

PRIORITY M SITE # 1408 MAP NUMBE	SENSITIVE ARE	A SUMMA E NAME: Castleton	
USGS QUAD: Delmar, NY	NOAA CHART # _12	2348	River Mile:
NOAA ESI ATLAS HRL-14	ESI MAP #14	LATITUDE 4	2-32' 29" NORTH LONGITUDE 073-45' 32" W
AGENCY/CONTACT	EXPERTISE		PHONE
1 NY - DEC Region 4	1		1 (607) 652 - 7364
2	2		2
3	3		3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Castleton-	TIDAL RANGE	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: marina SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAI	HES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURE ED ROCKY SHORE
RESOURCES AT RISK SEA WILDLIFE:	SONAL CONSIDERATIONS: SP	RING SUMME	R A FALL WINTER
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS: VEHICLE X Access BOAT X	area from Conrail property		
STAGING AREAS: COLLECTION POINTS: Natural collection OTHER (RC):	point in an area just north of marina	a	

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION X MEDIUM MIN BOOM LENGTH 3000 ft

PRIORITY M	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 1506 MAP NUMBER:	15 SITE NAME: Albany Y	acht Club
USGS QUAD: Delmar, NY	NOAA CHART # <u>12348</u>	River Mile:
NOAA ESI ATLAS <u>HRL-15</u>	ESI MAP # 15 LATITUDE 4	12-40" 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE STRUCTURES ED ROCKY SHORE
	NAL CONSIDERATIONS: SPRING SUMME	R A FALL WINTER
WILDLIFE:		
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS: Albany Yacht Club		
OTHER (RC): No boat launch.		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH END LOW END PROTECTION MEDIUM

MEDIUM MIN BOOM LENGTH ______ ft

PRIORITY R	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/</u>	<u>98</u>
SITE # 1 MAP NUMBER:	8 SIT	E NAME: Kvk Swimn	ning 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERED	TIDAL FLATS MARSHES O TIDAL FLATS MAN-MADE S O ROCKY SHORE	STRUCTURES
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SP	RING SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				_
VEHICLE				
BOAT X				
STAGING AREAS: Marine power and lig	ght (M57) (718) 442-8018			
COLLECTION POINTS:	, , , , , ,			
OTHER (RC):				
STILL (NO).				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF P	ROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW			
PROTECTION X	MEDIUM		MIN BOOM LENGTH	500 ft
OTHER (PS				

PRIORITY	R SI	ENSITIVE A	AREA SUMMA	RY [DATE	11/20/98
SITE #2	MAP NUMBER:	7	SITE NAME: Amerada H	Hess		
USGS QUAD:		NOAA CHAR	Т#		River Mile:	
NOAA ESI ATLAS		ESI MAP#	LATITUDE	NORTH	LONGITUI	DE WES
AGENCY/CONTACT	E	EXPERTISE		PHONE		
1		1		1		
3		3		3		
				<u>l</u> °		
SITE DESCRIPTION SIT	E AREA:	TIDAL RAN	GE ft	MAX CURREN	NTS:	kts
GEOGRAPHIC LOCATION	<u>.</u>					
PHYSICAL DESCRIPTION:						
SHORELINE EXPOSED R TYPE (ESI) WAVE CUT F RANK FINE SAND E	PLATFORMS	COARSE SAND BEA SAND AND GRAVEL GRAVEL BEACHES/	. BEACHES SHELTEREI	TIDAL FLATS D TIDAL FLATS D ROCKY SHORE	MAN	RSHES I-MADE STRUCTURES
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SEASOINA	L CONSIDERATIONS	: SPRING SUMMER	FALL	WINTE	:к Ш
RESPONSE CONSIDERAT	IONS	OWNERS	SHIP:			
ACCESS: VEHICLE X BOAT X						
STAGING AREAS: Ma	arine Power and Light	t (M57) (718) 442-8018	3			
COLLECTION POINTS:						
OTHER (RC):						
PROTECTION STRATEGIE	S					
ВООМ МЕ	THOD:	DEGREI	E OF PROTECTIBILITY:			
DEFLECT		HIGH				
RECOVER	片	LOW	, H	MIN F	SOOM LENG	GTH 900 ft
PROTECT		MEDIUN	' ⊔			

PRIORITY R	SENSITIVE AREA	A SUMMAR	RY DATE	11/20/98	
SITE # 3 MAP NUMBER:	7 SITE	NAME: St Gearge F	uel Pier		
USGS QUAD:	NOAA CHART #		River N	file:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONG	ITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE		
1	1		1		
2	2		2		
3	3		3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS:	kts	
PHYSICAL DESCRIPTION:					
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAP	—	—	MARSHES MAN-MADE STRUCTU	JRES _
RESOURCES AT RISK SEASO WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS: SPR	ING SUMMER	FALL WI	NTER	
RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT X STAGING AREAS: COLLECTION POINTS: OTHER (RC):	OWNERSHIP:				
PROTECTION STRATEGIES BOOM METHOD: DEFLECT	DEGREE OF PR HIGH	OTECTIBILITY:	MIN BOOM I	.ENGTH <u>1000</u> ft	

PRIORITY R	SENSITIVE ARE	A SUMMARY	DATE11/20/9	<u>8</u>
SITE # MAP NUMB	ER: SIT	E NAME: Sheepshead Bay Inle	ıt	_
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDEN	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX C	:URRENTS: kts	
GEOGRAPHIC LOCATION:				
DINGLAN DESCRIPTION				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA		LATS MAN-MADE ST	TRUCTURES
RESOURCES AT RISK SEA	ASONAL CONSIDERATIONS: SP	RING SUMMER FA	LL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
воат				
STAGING AREAS: SHEEPS HEAD	BAY MARINA (M2) (718) 891-0991			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:		ROTECTIBILITY:		
DEFLECT	HIGH U			
RECOVERY X PROTECTION	LOW []		MIN BOOM LENGTH	800 ft
<u>'</u>	MEDIONI		<u> </u>	
OTHER (PS				

PRIORITY R	SENSITIVE AREA	SUMMARY	DATE <u>11/20/98</u>	<u>3</u>
SITE # 6 MAP NUMBER:	4,7 SITE N	IAME: Wallabout Bay		_
USGS QUAD: Brooklyn	NOAA CHART #		River Mile:	_
NOAA ESI ATLAS <u>EAST RIVER</u>	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHOI	NE	
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft MA.	X CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL F SHELTERED TIDAL SHELTERED ROCK	_ FLATS	RUCTURES
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS: SPRIN	G SUMMER	FALL WINTER	
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X	<u> </u>			
STAGING AREAS: Brooklyn Navy Yard of COLLECTION POINTS: OTHER (RC):	levelopment Corporation (718) 852-	1441		
PROTECTION STRATEGIES BOOM METHOD: DEFLECT	DEGREE OF PROTHIGH LOW MEDIUM	FECTIBILITY:	MIN BOOM LENGTH 1	500 ft

PRIORIT	Y R S	ENSITIVE A	AREA SUMMA	RY DAT	E <u>11/20/98</u>	
SITE #	MAP NUMBER:	7	SITE NAME: Atlantic Ba	asin		
USGS QUAD:		NOAA CHAR	RT #	Rive	Mile:	_
NOAA ESI ATLAS		ESI MAP #	LATITUDE	NORTH LON	IGITUDE	WEST
AGENCY/CONTACT		EXPERTISE		PHONE		
1		1		1		
2		2		2		
3		3		3		
SITE DESCRIPTION S	SITE AREA:	TIDAL RAN	IGE ft	MAX CURRENTS:	kts	
PHYSICAL DESCRIPTION	DN:					
IRANK	ROCKY SHORES T PLATFORMS D BEACHES	COARSE SAND BEASAND AND GRAVEL BEACHES	L BEACHES SHELTERE	TIDAL FLATS D TIDAL FLATS D ROCKY SHORE	MARSHES MAN-MADE STR	RUCTURES
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SEASON	AL CONSIDERATIONS	S: SPRING SUMMER	R	WINTER	
RESPONSE CONSIDER	ATIONS	OWNER	SHIP:			
ACCESS:						
VEHICLE						
BOAT X						
STAGING AREAS:						
COLLECTION POINTS:						
OTHER (RC):						
PROTECTION STRATEG	GIES					
воом г	METHOD:	DEGRE	E OF PROTECTIBILITY:			
DEFLEC	т 🗌	HIGH				
RECOV	ERY X	LOW				
PROTE	CTION	MEDIUN	м 🗌	MIN BOOM	LENGTH 15	500 ft

PRIORITY R	SENSITIVE ARE	EA SUMMAR	Y DATE 11/20/9	<u>98</u>
SITE # 8 MAP NUMBE	:R: S	ITE NAME: Erie Basin		_
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	[1	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPR/	CHES SHELTERED		TRUCTURES
				
RESOURCES AT RISK SEAS	SONAL CONSIDERATIONS: S	PRING SUMMER	☐ FALL ☐ WINTER ☐	
WILDLIFE:				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				_
VEHICLE				
BOAT X				
STAGING AREAS: RED HOOK MAR	INE TERMINAL (718) 875-0777			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	_	PROTECTIBILITY:		
DEFLECT	HIGH]		
RECOVERY X	LOW] 1	MIN BOOM LENGTH	300 ft
PROTECTION _	MEDIUM	J		
OTHER (PS				

NOAA CHART #	PRIORITY R	SENSITIVE ARE	EA SUMMARY	DATE11/20/9	<u>8</u>
NOAA ESI ATLAS ESI MAP # LATITUDE NORTH LONGITUDE WEST AGENCY/CONTACT EXPERTISE PHONE 1	SITE # 9 MAP NUM	BER: SIT	TE NAME: Con Ed Narrows		_
AGENCY/CONTACT	USGS QUAD:	NOAA CHART #		River Mile:	
1	NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
	AGENCY/CONTACT	EXPERTISE	PHONE		
SITE DESCRIPTION SITE AREA: TIDAL RANGE	1		1		
SITE DESCRIPTION SITE AREA: TIDAL RANGE	2	2	2		
GEOGRAPHIC LOCATION: PHYSICAL DESCRIPTION: SHORELINE EXPOSED ROCKY SHORES	3	3	3		
PHYSICAL DESCRIPTION: SHORELINE EXPOSED ROCKY SHORES SAND BEACHES SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES RANK FINE SAND BEACHES SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES RANK FINE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAP SHELTERED TIDAL FLATS MAN-MADE STRUCTURES SHELTERED ROCKY SHORE MAN-MADE STRUCTURES RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING SUMMER FALL WINTER MAN-MADE STRUCTURES FROM THE SHELT SHE SHE SHELT SHE SHELT SHE SHE SHELT SHE SHE SHE THE SHE SHE SHE THE SHE SHE SHE THE SHE SHE SHE THE SHE SHE SHE SHE THE SHE SHE SHE SHE THE SHE SHE SHE SHE SHE THE SHE SHE SHE SHE SHE SHE SHE SHE SHE S	SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX	CURRENTS: kts	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS SAND BEACHES SHELTERED ROCKY SHORE MAN-MADE STRUCTURES SHELTERED ROCKY SHORE MAN-MAN-MADE STRUCTURES SHE MAN-MAN-MAN-MAN-MAN-MAN-MAN-MAN-MAN-MAN-	GEOGRAPHIC LOCATION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS SAND BEACHES SHELTERED ROCKY SHORE MAN-MADE STRUCTURES SHELTERED ROCKY SHORE MAN-MAN-MADE STRUCTURES SHE MAN-MAN-MAN-MAN-MAN-MAN-MAN-MAN-MAN-MAN-					
TYPE (ESI) WAVE CUT PLATFORMS SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS 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: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	PHYSICAL DESCRIPTION:				
WILDLIFE: HABITAT: THREATENED/. ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS OWNERSHIP: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	TYPE (ESI) WAVE CUT PLATFORMS	SAND AND GRAVEL BEAC	CHES SHELTERED TIDAL	FLATS MAN-MADE ST	FRUCTURES
WILDLIFE: HABITAT: THREATENED/. ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS OWNERSHIP: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft					
HABITAT: THREATENED/_ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	RESOURCES AT RISK SE	EASONAL CONSIDERATIONS: SP	RING SUMMER F	ALL WINTER	
THREATENED/ ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	WILDLIFE:				
THREATENED/ ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft					
THREATENED/ ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	HADITAT				
ENDANGERED: OTHER (RR): RESPONSE CONSIDERATIONS ACCESS: VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	HABITAT:				
RESPONSE CONSIDERATIONS ACCESS: VEHICLE	THREATENED/ ENDANGERED:				
ACCESS: VEHICLE	OTHER (RR):				
ACCESS: VEHICLE					
VEHICLE BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH STRATEGIES RECOVERY X LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	RESPONSE CONSIDERATIONS	OWNERSHIP:			
BOAT STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH SECOVERY NOTED HIGH MEDIUM MIN BOOM LENGTH ft	ACCESS:				
STAGING AREAS: COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY X LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	VEHICLE				
COLLECTION POINTS: OTHER (RC): PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY X LOW RECOVERY X MEDIUM MEDIUM MIN BOOM LENGTH ft	BOAT				
PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH RECOVERY X LOW PROTECTION MEDIUM MIN BOOM LENGTH ft	STAGING AREAS:				
PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT	COLLECTION POINTS:				
BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT	OTHER (RC):				
BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT					
DEFLECT HIGH RECOVERY X LOW MEDIUM MIN BOOM LENGTH ft			DOTECTION ITV		
RECOVERY X LOW NIN BOOM LENGTH MEDIUM MIN BOOM LENGTH ft			KOTECTIBILITY:		
PROTECTION MEDIUM MIN BOOM LENGTH ft		님			
	ᅵ	님		MIN BOOM LENGTH	ft
	OTHER (PS	23.3			

PRIORITY R	SENSITIVE ARE	EA SUMMAR	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # MAP NUMBE	ER: SI	TE NAME: Wards Islan	d 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 EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERED	DAL FLATS MARSHES TIDAL FLATS MAN-MADE S' ROCKY SHORE	TRUCTURES
RESOURCES AT RISK SEA	SONAL CONSIDERATIONS: SE	PRING SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
TUDEATENED/				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				•
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF F	PROTECTIBILITY:		
DEFLECT Π	HIGH			
RECOVERY X	Low			
PROTECTION	MEDIUM		MIN BOOM LENGTH	1000 ft
OTHER (PS	==	ı		

PRIORITY R	SENSITIVE AREA	A SUMMARY	DATE11/20/9	<u>98</u>
SITE # 13 MAP NUMBER:	8 SITE	NAME: Texaco Dock		_
USGS QUAD:	NOAA CHART#		River Mile:	<u></u>
NOAA ESI ATLAS	ESI MAP #	LATITUDEN	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONE		
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX C	CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED TIDAL FLA	TS MARSHES	П
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE CAND BEACUES	SAND AND GRAVEL BEACH			TRUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP	SHELTERED ROCKY	SHORE	
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SPR	ING SUMMER FA	LL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				_
VEHICLE X				
BOAT X				
STACING ABEAS:				
STAGING AREAS: COLLECTION POINTS:				
OTHER (RC):				
OTTER (RC).				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF PR	OTECTIBILITY:		
DEFLECT	нідн			
RECOVERY X	LOW \square			
PROTECTION	MEDIUM		MIN BOOM LENGTH	1000 ft
OTHER (PS				

PRIORITY R	SENSITIVE AR	EA SUMMARY	DATE <u>11/20/9</u>	<u>8</u>
SITE # 14 MAP NU	JMBER:8	SITE NAME: Salt Dock		_
USGS QUAD:	NOAA CHART #		River Mile:	<u> </u>
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	PHONI		
1	1	1		
2	2	2		
3	3	3		
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft MAX	CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SH TYPE (ESI) WAVE CUT PLATFOR RANK FINE SAND BEACHES	MS SAND AND GRAVEL BE	ACHES SHELTERED TIDAL	FLATS MAN-MADE S	TRUCTURES
RESOURCES AT RISK	SEASONAL CONSIDERATIONS:	SPRING SUMMER F	ALL WINTER	
WILDLIFE:			_	
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP	:		
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS: Marine Power	er and Light Marina. (718) 442-8018			
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	r	PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY	LOW	-	MIN BOOM LENGTH	1000 ft
PROTECTION [MEDIUM [_	WIIIN DOOM LENGIN	1000 11
OTHER (PS				

PRIORITY R	SENSITIVE ARE	EA SUMMAR	Y DATE <u>11/20/9</u>	<u>8</u>
SITE # MAP NUMBER	R:8 SI	TE NAME: Wall Street P	aper	_
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE	1	PHONE	
1	1		1	
2	2	2	2	
3	3	;	3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERED	Land 1	TRUCTURES
RESOURCES AT RISK SEAS	ONAL CONSIDERATIONS: SF	PRING SUMMER	FALL WINTER	
WILDLIFE:		<u> </u>		
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
OTHER (RR).				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				;
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
<u> </u>				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF F	PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY X	LOW			
PROTECTION	MEDIUM		MIN BOOM LENGTH	1000 ft
OTHER (PS				

PRIORITY R	SENSITIVE AR	EA SUMMA	RY DATE <u>11/20/9</u>	<u>98</u>
SITE # 16 MAP NUMBER	:10	SITE NAME: Bergen Ba	sin	_
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1	1		1	
2	3		3	
3	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACH SAND AND GRAVEL BE GRAVEL BEACHES/RIP	ACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE S D ROCKY SHORE	TRUCTURES
RESOURCES AT RISK SEASO WILDLIFE:	ONAL CONSIDERATIONS:	SPRING SUMMER	FALL WINTER	
LIADITAT				
<u>HABITAT:</u>				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP	o _:		
ACCESS:				=
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE O	F PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY X	LOW			
PROTECTION	MEDIUM		MIN BOOM LENGTH	1000 ft
OTHER (PS				

PRIORITY R	SENSITIVE ARE	EA SUMMAR	RY DATE <u>11/20/9</u>	<u> </u>
SITE # MAP NUMBE	R: <u>10</u> SI	TE NAME: Head Of Bay	y Channel	_
USGS QUAD:	NOAA CHART #		River Mile:	<u></u>
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERED	DAL FLATS MARSHES TIDAL FLATS MAN-MADE S ROCKY SHORE	TRUCTURES
RESOURCES AT RISK SEAS	SONAL CONSIDERATIONS: SF	PRING SUMMER	FALL WINTER	
WILDLIFE:		_		
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
OTHER (IXIV).				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:		_		-
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				
<u> </u>				
PROTECTION STRATEGIES				
BOOM METHOD:	DEGREE OF F	PROTECTIBILITY:		
DEFLECT	HIGH			
RECOVERY X	LOW			6
PROTECTION	MEDIUM		MIN BOOM LENGTH	600 ft
OTHER (PS				

PRIORITY R	SENSITIVE AR	EA SUMMA	RY DATE <u>11/20/</u>	<u>98</u>
SITE #18 MAP NUMBE	R: <u>10</u> S	SITE NAME: Negro Bar	r Channel	<u> </u>
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEACHES/RIPR	CHES SHELTERE	TIDAL FLATS MARSHES ED TIDAL FLATS MAN-MADE S ED ROCKY SHORE	STRUCTURES
RESOURCES AT RISK SEAS WILDLIFE: HABITAT:	SONAL CONSIDERATIONS: S	SPRING SUMMER	R	
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE BOAT X				_
STAGING AREAS: COLLECTION POINTS: OTHER (RC):				
PROTECTION STRATEGIES				
BOOM METHOD:	_	PROTECTIBILITY:		
DEFLECT U	HIGH L	-		
RECOVERY X	LOW L	-	MIN BOOM LENGTH	600 ft
PROTECTION	MEDIUM L	_		
OTHER (PS				

PRIORITY R	SENSITIVE ARE	A SUMMAF	RY DATE	11/20/98	
SITE # 90 MAP NUMBER:	7 SIT	E NAME: Gowanus C	anal		
USGS QUAD:	NOAA CHART#		River M	ile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONG	TUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE		
1	1		1		
2	2		2		
3	3		3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS:	kts	
PHYSICAL DESCRIPTION:					
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAF	<u> </u>	⊢	MARSHES MAN-MADE STRU	CTURES
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	NAL CONSIDERATIONS: SPI	RING SUMMER	FALL WI	NTER	
RESPONSE CONSIDERATIONS	OWNERSHIP:				
ACCESS: VEHICLE X BOAT X					
STAGING AREAS: Red Hook Marine Te	rminal. (718) 875-0777				
COLLECTION POINTS:					
OTHER (RC):					
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY	DEGREE OF PF HIGH LOW	ROTECTIBILITY:			
PROTECTION X	MEDIUM		MIN BOOM L	ENGTH 1800	<u>)</u> ft

PRIORIT	Y R	SENSITIVE A	REA SUMMA	RY DATE	0/98
SITE # 91	MAP NUMBER:	4	SITE NAME: Newtown 0	Creek	
USGS QUAD: Brooklyr	1	NOAA CHART	#	River Mile:	
NOAA ESI ATLAS <u>E</u>	AST RIVER	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT		EXPERTISE		PHONE	
2		2		1 2	
3		3		3	
SITE DESCRIPTION S	SITE AREA:	TIDAL RANG	E ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION				<u> </u>	
PHYSICAL DESCRIPTION	<u>ON:</u>				
SHORELINE EXPOSED TYPE (ESI) WAVE CU' RANK FINE SANI		COARSE SAND BEAC SAND AND GRAVEL GRAVEL BEACHES/F	BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE D ROCKY SHORE	E STRUCTURES
RESOURCES AT RISK WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	SEASON	IAL CONSIDERATIONS:	SPRING SUMMER	R	
RESPONSE CONSIDER	ATIONS	OWNERS	HIP:		
ACCESS: VEHICLE BOAT					_
STAGING AREAS:					
COLLECTION POINTS:					
OTHER (RC):					
PROTECTION STRATEG	GIES				
	METHOD:		OF PROTECTIBILITY:		
DEFLEC RECOV	H	HIGH LOW	H		
PROTE	片	MEDIUM	H	MIN BOOM LENGTH	ft
I					

PRIORITY R	SENSITIVE AR	EA SUMMAI	RY DATE <u>11/20/98</u>	
SITE # 92 MAP NUMBER:	7 S	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: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEA GRAVEL BEACHES/RIPR	CHES SHELTERED	IDAL FLATS MARSHES O TIDAL FLATS MAN-MADE STRUCTU	RES
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR):	IAL CONSIDERATIONS: S	SPRING SUMMER	FALL WINTER	
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X STAGING AREAS: Pier 69 Brooklyn.				
COLLECTION POINTS:				
OTHER (RC):				
PROTECTION STRATEGIES BOOM METHOD: DEFLECT RECOVERY PROTECTION	DEGREE OF HIGH LOW MEDIUM	PROTECTIBILITY:	MIN BOOM LENGTH 1000 ft	

PRIORITY W	SENSITIVE ARE	A SUMMA	RY DATE <u>11/20/98</u>	<u>3</u>
SITE # 1 MAP NUMBE	R:	E NAME: Amstar Co	rporation	_
USGS QUAD:	NOAA CHART #		River Mile:	_
NOAA ESI ATLAS	ESI MAP#	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE 1	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAI	HES SHELTEREI	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEAS WILDLIFE:	SONAL CONSIDERATIONS: SP	RING SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power Plant Water Intake	e; Depth=15'			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X				
STAGING AREAS: Brooklyn Navy Yal COLLECTION POINTS: OTHER (RC):	rd Development Corporation. (718)	852-1441		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

HIGH

DEFLECT X
RECOVERY

RECOVERY LOW [
PROTECTION X MEDIUM [

MIN BOOM LENGTH 1300 ft

PRIORITY W	SENSITIVE AREA	SUMMARY	DATE _	11/20/98
SITE # MAP NUMBER:	NY-3 SITE NA	AME: Con Edison Asto	oria 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 LONGITU	JDE <u>073° 54' 40"</u> WEST
AGENCY/CONTACT	EXPERTISE	PH	ONE	
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	
GEOGRAPHIC LOCATION: East River / Quithe east PHYSICAL DESCRIPTION: Power plant SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	TIDAL RANGE 6 - 8 ueens; 21st St. and 20th Ave, Astoria COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	_	FLATS MA AL FLATS MA	•
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING	S A SUMMER A	FALL A WINT	er 🖪
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power plant water intake; d	epth = 48'			
RESPONSE CONSIDERATIONS	OWNERSHIP: Coi	n Edison		
ACCESS:				
VEHICLE				
BOAT X				
STAGING AREAS:				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH CRCOVERY CAN DEGREE OF PROTECTIBILITY:

RECOVERY MEDIUM MEDIUM MIN BOOM LENGTH 1300 ft

OTHER (PS

COLLECTION POINTS:

PRIORITY W	SENSITIVE ARE	<u>A SUMMAR</u>	Y DATE _	11/20/98
SITE # 3 MAP NUMBER:	NY-9, 9b SIT	E NAME: Con Ed Arthu	r Kill Generating Station	
USGS QUAD: Arthur Kill, NY-NJ	NOAA CHART # 12	2333, 12327	River Mile	·
NOAA ESI ATLAS NY Harbor	ESI MAP #4	LATITUDE 40° 3	5' 30" NORTH LONGITU	JDE <u>074° 12' 10"</u> WEST
AGENCY/CONTACT	EXPERTISE	F	PHONE	
1 Watch Supervisor	1 24 hour contact	1	(718)390-2741	
2 Corporate Contact	2 24 hour contact - CIG	2	2 (212)580-6763	
3	3	3	3	
Victory Blvd, S PHYSICAL DESCRIPTION: Power plant SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK	COARSE SAND BEACHES SAND AND GRAVEL BEACH	n Rahway River outlet, r	AL FLATS MA IDAL FLATS MA	kts south of Neck Creek; 4401 RSHES N-MADE STRUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPRAR	SHELTERED F	ROCKY SHORE	
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPI	RING A SUMMER	A FALL A WINT	ER A
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power plant water intake; d	epth = 20'			
RESPONSE CONSIDERATIONS	OWNERSHIP:	Con Edison		
ACCESS:	2 <u>=</u>			
VEHICLE				
BOAT X				
STAGING AREAS:				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW MEDIUM MIN BOOM LENGTH 2000 ft

OTHER (PS

COLLECTION POINTS:

PRIORITY	W

SENSITIVE AREA SUMMARY

DATE 09/26/25 MAP NUMBER: NY-4, 7 SITE # 4 SITE NAME: Con Edison East River Gen. Station NOAA CHART # 12335, 12327 USGS QUAD: Brooklyn, NY River Mile: NOAA ESI ATLAS NY Harbor ESI MAP# 11 LATITUDE 40° 43' 40" NORTH LONGITUDE 073° 58' 20" WEST AGENCY/CONTACT **EXPERTISE** PHONE Shift Supervisor 24 hour contact (212)614-3640 2 Control Room 24 hour contact (212)614-3600 Corporate Contact 3 24 hour contact - CIG (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 EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS **MARSHES** TYPE (ESI) WAVE CUT PLATFORMS MAN-MADE STRUCTURES X SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE SEASONAL CONSIDERATIONS: SPRING A SUMMER A FALL A WINTER A RESOURCES AT RISK 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: DEGREE OF PROTECTIBILITY: DEFLECT HIGH **RECOVERY** MIN BOOM LENGTH 900 ft PROTECTION MEDIUM OTHER (PS

PRIORITY	W
	MAE

SENSITIVE AREA SUMMARY

DATE <u>11/20/98</u>

SITE # 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 <u>NY Harbor</u>	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
<u> </u>			. ,
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: East River / Br	TIDAL RANGE	4-5 ft	MAX CURRENTS: kts rg Bridge;\1-11 Hudson Ave, Brooklyn; adjacent to fori
Brooklyn Navy		age, coali e riiiainesa	, g = 1. e.g.c, , , , , , , , , , , , , , , , , , ,
PHYSICAL DESCRIPTION: Power plant			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEA GRAVEL BEACHES/RIPE	ACHES SHELTERED	DAL FLATS MARSHES MAN-MADE STRUCTURES X ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	IAL CONSIDERATIONS:	SPRING A SUMMER	A FALL A WINTER A
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR): Power plant water intake; de	epth = 20'		
RESPONSE CONSIDERATIONS	OWNERSHIP	: Con Edison	
ACCESS:	OWNEROIM		
			
VEHICLE			
BOAT X			
STAGING AREAS: Brooklyn Navy Yard D	Development Corporation - (7	18) 852-1441	
COLLECTION POINTS:	(-,	
OTHER (RC):			
PROTECTION STRATEGIES	DE00== ==	· DDOTECTION (T)	
BOOM METHOD:	-	PROTECTIBILITY:	
DEFLECT	HIGH	╛	
RECOVERY	LOW		
PROTECTION X	MEDIUM		MIN BOOM LENGTH 1300 ft
OTHER (PS			

	PF	RIORITY	W
#	6	-	М

SENSITIVE AREA SUMMARY DATE 11/20/98 SITE AP 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 Station Manager Normal work day contact (718)706-2783/81 2 (718)706-2753 Shift Supervisor 24 hour contact **Corporate Contact** 3 24 hour contact - CIG (212)580-6763 SITE DESCRIPTION SITE AREA: TIDAL RANGE 4-6 ft MAX CURRENTS: kts East River / Queens; between Queensboro Bridge and Roosevelt Island Bridge; 38-54 Vernon Blvd., Long Island City **GEOGRAPHIC LOCATION:** PHYSICAL DESCRIPTION: Power plant SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS **MARSHES** TYPE (ESI) WAVE CUT PLATFORMS MAN-MADE STRUCTURES X SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE SEASONAL CONSIDERATIONS: SPRING A SUMMER A FALL A WINTER A RESOURCES AT RISK 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:	DEGREE OF PROTECTIBILITY:	
	DEFLECT X	ніgн	
	RECOVERY	LOW	
	PROTECTION X	MEDIUM	MIN BOOM LENGTH 1300 ft
OTHER (PS			

Р	RIORITY W
TE# <u>7</u>	_ MAP N
SGS QUAD:	Brooklyn, NY

SENSITIVE AREA SUMMARY DATE 11/20/98 SI UMBER: NY-4 SITE NAME: Con Edison Waterside Gen. Station US 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 Watch Supervisor 24 hour contact (212)561-2660 2 24 hour contact - CIG (212)580-6763 Corporate Contact 3 TIDAL RANGE 4-5 SITE DESCRIPTION SITE AREA: MAX CURRENTS: kts East River / east Manhattan (at 39th St.); 700 First Avenue, NY; just south of United Nations **GEOGRAPHIC LOCATION:** PHYSICAL DESCRIPTION: Power plant SHORELINE EXPOSED ROCKY SHORES COARSE SAND BEACHES EXPOSED TIDAL FLATS **MARSHES** TYPE (ESI) WAVE CUT PLATFORMS MAN-MADE STRUCTURES X SAND AND GRAVEL BEACHES SHELTERED TIDAL FLATS RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE SEASONAL CONSIDERATIONS: SPRING A SUMMER A FALL A WINTER A RESOURCES AT RISK 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			,
OTHER (RC):			
PROTECTION	STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT X RECOVERY	HIGH U	
	PROTECTION X	MEDIUM [MIN BOOM LENGTH 1300 ft
OTHER (PS			

PRIORITY W	SENSITIVE ARE	A SUMMAI	RY DATE	11/20/98
SITE # 8 MAP NUMBER:	NY-5 SIT	E NAME: Con Edison	1 59th Street Gen. Station	
USGS QUAD: Central Park, NY	NOAA CHART # 12	2335, 12341	River Mi	le:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 12	LATITUDE 40°	° 46' 30" NORTH LONGI	TUDE <u>073° 59' 50"</u> WES1
AGENCY/CONTACT	EXPERTISE		PHONE	
1 Operations Support	1 Normal work day contact	t	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	
GEOGRAPHIC LOCATION: Hudson River / PHYSICAL DESCRIPTION: Power plant SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	TIDAL RANGE 4 west Manhattan, at12th Avenue COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRA	EXPOSED T SHELTERED	IDAL FLATS N	kts nue, New York MARSHES MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE: HABITAT: THREATENED/ ENDANGERED: OTHER (RR): Power plant water intake; de		RING A SUMMER	A FALL A WIN	ITER A
RESPONSE CONSIDERATIONS ACCESS: VEHICLE X BOAT X STAGING AREAS:	OWNERSHIP:	Con Edison		

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 1300 ft

HIGH

LOW

MEDIUM

COLLECTION POINTS:

PROTECTION STRATEGIES

BOOM METHOD:

PROTECTION X

DEFLECT

RECOVERY

OTHER (RC):

PRIORITY W	SENSITIVE AREA SUMMA	RY DATE <u>05/05/25</u>		
SITE # 9 MAP NUMBER:	NY-3, 5 SITE NAME: Con Edisor	n 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	<u>° 46' 00"</u> NORTH LONGITUDE <u>073° 57' 10"</u> 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 EXPOSED ROCKY SHORES COARSE SAND BEACHES SAND BEACHES SHELTERED TIDAL FLATS MARSHES MAN-MADE STRUCTURES AND AND GRAVEL BEACHES SHELTERED TIDAL FLATS MAN-MADE STRUCTURES				
RANK FINE SAND BEACHES	GRAVEL BEACHES/RIPRAP SHELTEREI	D ROCKY SHORE		
RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING A SUMMER A FALL A WINTER A WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power plant water intake; d	lepth = 20'			
RESPONSE CONSIDERATIONS	OWNERSHIP: Con Edison			
ACCESS:				

ACCESS:

VEHICLE X

BOAT X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIB	BILITY:
DEFLECT X	НIGH 🗌	
RECOVERY	Low	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 500_ ft
OTHER (PS		

SITE # 10 MAP NUME	BER: SI	TE NAME: World Tra	de Center	
USGS QUAD: Manhattan	NOAA CHART #		River Mile:	<u> </u>
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	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	ES COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	HES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STE	RUCTURES
RESOURCES AT RISK SE	ASONAL CONSIDERATIONS: SF	PRING SUMMER	R	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power Plant water inta	ke; Depth = 10'			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE				
BOAT X				
STAGING AREAS: Liberty Harbor N COLLECTION POINTS:	Marina (M45) (201) 451-1000			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH CRECOVERY LOW CONTROL LOW CONTROL CONTRO

PROTECTION MEDIUM MIN BOOM LENGTH 1300 ft

OTHER (PS

OTHER (RC):

PRIORITY W	SENSITIVE ARE	A SUMMAI	RY	DATE11/	'20/ 9 8
SITE # MAP NUMBER:	7 SITE NAME	E: IBM Pou	ughkeepsie		
		,			
USGS QUAD: Poughkeepsie, NY	NOAA CHAR <u>T</u>	# 12343		Riv <u>er</u>	Mile:
NOAA ESI ATLAS	ESI MAP # HR-8	LATITUDE 41.3	9'06" N	LONGITUDE 7	3.56'34"W
AGENCY/CONTACT	EXPERTISE		PHONE		
1 DEC/J. O'Mara	1 Spill Response			1 (845) 437-	8720
2 Plant	2		2 (845) 43	33-3342	
3	3		3		
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Opposite Millton/8	TIDAL RANGE	ft	MAX CURR	RENTS: kts	
PHYSICAL DESCRIPTION: Cooling Water Int	take				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	X COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAP		IDAL FLATS TIDAL FLATS ROCKY SHO		ES DE STRUC T URES X
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SPF	RING SUMMER	FALL	WINTER [
HABITAT					
IHREATENED(. ENDANGERED:					
OTHER (BR): Intakes below surface					
RESPONSE CONSIDERATIONS	OWNERSTRE	IDIA Commenting			
RESPONSE CONSIDERATIONS	OWNERSHIP:	IBM Corporation			
ACCESS: VEHICLE X BOAT X					
STAGING AREAS:					
COLLECTION POINTS:					
OTHER (RC): Access through IBM site					
PROTECTION STRATEGIES					

VEHICLE X
BOAT X

STAGING AREAS:
COLLECTION POINTS:
OTHER (RC): Access through IBM site

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:
DEFLECT HIGH CRECOVERY LOW COMPANY MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY W	SENSITIVE ARE	EA SUMMA	RY DATE <u>11/20/98</u>	<u>3</u>
SITE #11 MAP NUMBER	:3 SI	TE NAME: Pas NY As	storia 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTEREI	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEASO	ONAL CONSIDERATIONS: SI	PRING SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

DEGREE OF PROTECTIBILITY: BOOM METHOD:

HIGH

DEFLECT

RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH 1300 ft

PRIORITY	W

SENSITIVE AREA SUMMARY

DATE <u>11/20/98</u>

SITE # 12 MAP NUMBER:	NY-10	SITE NAME: New York A	quarium
USGS QUAD: Coney Island, NY-NJ	NOAA CHART #	12402, 12327	River Mile:
NOAA ESI ATLAS <u>NY Harbor</u>	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: GEOGRAPHIC LOCATION: South shore of	TIDAL RANGE Coney Island, Brooklyn;\Enc		MAX CURRENTS: kts
	or aquarium (Position approx	kimate)\Depth =	IDAL FLATS ☐ MARSHES ☐
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BE GRAVEL BEACHES/RIP	ACHES SHELTERED	TIDAL FLATS MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE:	IAL CONSIDERATIONS:	SPRING A SUMMER	A FALL A WINTER A
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
DESDONSE CONSIDED ATIONS	OWNEDSHIE	D: NV Aquarium	
RESPONSE CONSIDERATIONS	OWNERSHIF	P: NY Aquarium	
ACCESS:			
VEHICLE X			
BOAT X			
STAGING AREAS: Sheepshead Bay Mar	ina (M2) - (718) 891-0991/(7	718) 891-3359 (night)	
COLLECTION POINTS:	ma (MZ) = (7 10) 001-0001/(7	10) 031-3333 (Hight)	
OTHER (RC):			
PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OI	F PROTECTIBILITY:	
	HIGH	П	
	L P		
RECOVERY [LOW	님	MIN BOOM LENGTH 1300 ft
PROTECTION X	MEDIUM		1000 I
OTHER (PS			

PRIORITY W	SENSITIVE ARE	EA SUMMA	RY DATE <u>11/20/98</u>	<u>3</u>
SITE # 13 MAP NUMBER:	5 SI	TE NAME: Columbia I	Medical Center	_
USGS QUAD: Bronx	NOAA CHART #		River Mile:	_
NOAA ESI ATLAS <u>HUDSON RIVER</u>	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1	1		1	
2	2		2	
3	3		3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION:	TIDAL RANGE _	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTEREI	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SI	PRING SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X				
STAGING AREAS: Port Imperial Marina COLLECTION POINTS: OTHER (RC):	(M11) (201) 902-8787			

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH 1300 ft

PRIORITY	W

SENSITIVE AREA SUMMARY

DATE <u>11/20/98</u>

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 <u>NY Harbor</u>	ESI MAP # 15 LATITUDE 40°	° 36' 40" NORTH LONGITUDE 073° 45' 40" WEST
ACENICY/CONTACT	EVDEDTICE	PHONE
AGENCY/CONTACT	EXPERTISE	
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 Jamaid	ca Bay / Far Rockaway\1425 Beach 24th Street, Quee	ns
PHYSICAL DESCRIPTION: Water intake for	or power plant (Position approximate)\Depth =	
SHORELINE EXPOSED ROCKY SHORES	COARSE SAND BEACHES EXPOSED T	
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES		TIDAL FLATS MAN-MADE STRUCTURES X ROCKY SHORE
	оолого томо по от	
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING A SUMMER	A FALL A WINTER A
HABITAT:		
THREATENED/		
ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Long Island Lighting	Company
ACCESS:		
VEHICLE X		
BOAT X		
OTA OINIO ADEAO		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	HIGH 📙	
RECOVERY	LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 1300 ft
OTHER (PS		

PRIORITY W	SENSITIVE ARE	EA SUMMA	RY DATE <u>11/20/98</u>	<u>3</u>
SITE # 15 MAP NUMBER	t: SI	TE 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	HES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEAS	ONAL CONSIDERATIONS: SF	PRING SUMMER	FALL WINTER	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power plant water intake;	Depth = 9 ft.			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

DEGREE OF PROTECTIBILITY: BOOM METHOD:

HIGH

MIN BOOM LENGTH 1300 ft

DEFLECT RECOVERY

LOW

PROTECTION X MEDIUM

PRIORITY W	SENSITIVE ARI	EA SUMMA	RY DATE <u>11/20/98</u>	<u>8</u>
SITE # 16 MAP NUMBER:	7 S	ITE NAME: Olympia a	nd York Battery Park	_
USGS QUAD: Manhattan	NOAA CHART #		River Mile:	<u> </u>
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: GEOGRAPHIC LOCATION:	TIDAL RANGE _	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEA GRAVEL BEACHES/RIPR	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: S	PRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE BOAT X				
STAGING AREAS: USCG Battery Park E	Boulevard (212) 668-6157			

OTHER (RC): Wat

Water Intake; Depth = 20'

PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT X	HIGH	
RECOVERY	LOW	

 RECOVERY
 LOW

 PROTECTION
 X

 MEDIUM
 MIN BOOM LENGTH

 1300
 ft

PRIORITY W	SENSITIVE AR	EA SUMMA	RY DATE <u>11/20/9</u> 8	<u>8</u>
SITE # 23 MAP NUMBER:	: <u>13</u> S	SITE NAME: Lindcroft S	wimming 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: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	COARSE SAND BEACHE SAND AND GRAVEL BEACHES/RIPR	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
WILDLIFE:	DNAL CONSIDERATIONS: S	SPRING SUMMER	FALL WINTER	
HABITAT: THREATENED/				
ENDANGERED: OTHER (RR): Water Intake Depth 10ft.				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X STAGING AREAS: Atlas Harbor Muni M	Marina (M15) (732) 291-1670			
COLLECTION POINTS: OTHER (RC):				

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW

PROTECTION MIN BOOM LENGTH 1200 ft

PRIORITY W	SENSITIVE ARE	A SUMMA	RY DATE11/20/98	<u>8</u>
SITE # 24 MAP NUMBER:	13 SIT	ΓΕ NAME: Neptuna, (Green Grove Avenue	
USGS QUAD:	NOAA CHART #		River Mile:	<u> </u>
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: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST	[RUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SP	RING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water intake depth = 10 ft.				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE X BOAT X				
STAGING AREAS: Hamphans & Haven, COLLECTION POINTS:	Belmar			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW DEPOTECTION X MEDIUM

PROTECTION MIN BOOM LENGTH 1200 ft

OTHER (PS

OTHER (RC):

PRIORITY W SITE # 25 MAP NUMBER	SENSITIVE ARE	TE NAME: Neptune,		<u>)</u>
WALKENDER		TETWINE. INOPIGIO,	Odnico / Wende	-
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 EXPOSED ROCKY SHORES	COARSE SAND BEACHES	EXPOSED	TIDAL FLATS MARSHES	
TYPE (ESI) WAVE CUT PLATFORMS RANK EINE SAND BEACHES	SAND AND GRAVEL BEAC	—	D TIDAL FLATS MAN-MADE ST	RUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPRA	SHELIERE	D ROCKY SHORE	
	ONAL CONSIDERATIONS: SF	PRING SUMMER	R FALL WINTER	
WILDLIFE:				
LIADITAT.				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water Intake depth = 10 f	t .			
Valer mane deput = 10 i	•			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS: Hamphans & Have	n , Belmar.			
COLLECTION POINTS:				
OTHER (RC):				

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH 1200 ft

HIGH

LOW

MEDIUM

PROTECTION STRATEGIES

OTHER (PS

BOOM METHOD:

DEFLECT

RECOVERY

PROTECTION

PRIORITY W	SENSITIVE AREA	A SUMMAI	RY DATE <u>11/20/98</u>	
SITE # MAP NUMBER:	13 SITI	E NAME: Wall Towns	ship	
USGS QUAD:	NOAA CHART #		River Mile:	
NOAA ESI ATLAS	ESI MAP #	LATITUDE	NORTH LONGITUDE	WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1	1		1	
3	3		3	
3	3		3	
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:				
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAF	IES SHELTEREI	MARSHES D TIDAL FLATS MAN-MADE STRU D ROCKY SHORE	JCTURES _
		<u></u>		
	NAL CONSIDERATIONS: SPE	RING SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	OWNEROIM .			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

PROTECTION	STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	нідн	
	RECOVERY	LOW	
	PROTECTION X	MEDIUM	MIN BOOM LENGTH 1200 ft

PRIORITY W	SENSITIVE AR	EA SUMMAI	RY DATE <u>11/20/98</u>	<u>3</u>
SITE # 27 MAP NUMBER:	13	SITE NAME: NJ Water S	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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS		—	TIDAL FLATS MARSHES	DUCTURES
RANK FINE SAND BEACHES	SAND AND GRAVEL BEA GRAVEL BEACHES/RIPR	<u> </u>	O TIDAL FLATS MAN-MADE ST	RUCTURES
		ш		
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: S	SPRING T SUMMER	☐ FALL ☐ WINTER ☐	
WILDLIFE:				
HABITAT:				
THREATENED/				
ENDANGERED:				
OTHER (RR): Water intake = 10 ft.				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS: Brielle Yacht Club (7	32) 528-6250			
COLLECTION POINTS:				
OTHER (RC):				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW LOW MIN BOOM LENGTH 1200 ft

PRIORITY W	SENSITIVE AR			<u> </u>
SITE # MAP NUMBER	2: <u>13</u> S	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 EXPOSED ROCKY SHORES	COARSE SAND BEACHE	s	TIDAL FLATS MARSHES	Γ
TYPE (ESI) WAVE CUT PLATFORMS RANK SINE CAMP DE AGUES	SAND AND GRAVEL BEA	—	D TIDAL FLATS MAN-MADE ST	RUCTURES
FINE SAND BEACHES	GRAVEL BEACHES/RIPR	AP SHELTERE	D ROCKY SHORE	
RESOURCES AT RISK SEAS	ONAL CONSIDERATIONS: S	SPRING SUMMER	R	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water intake depth = 10 f	t.			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS: Brielle Yacht Club ((732) 528-6250			
COLLECTION POINTS:	,			
OTHER (RC):				

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH LOW LOW

PROTECTION X MEDIUM MIN BOOM LENGTH 1200 ft

SITE # 29 MAP NUM	BER:	SITE NAME: City Of Pe	rth 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: GEOGRAPHIC LOCATION:	TIDAL RANGE	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHO TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	RES COARSE SAND BEACHE SAND AND GRAVEL BEACHES/RIPE	ACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STI D ROCKY SHORE	RUCTURES
RESOURCES AT RISK S WILDLIFE:	EASONAL CONSIDERATIONS: S	SPRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water intake depth =	10ft.			
RESPONSE CONSIDERATIONS	OWNERSHIP	:		
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH [
RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH 1300 ft

PRIORITY W	SENSITIVE AREA	A SUMMAI	RY DATE <u>11/20/98</u>	
SITE # 30 MAP NUMBER:	11 SITE	NAME: New Bruns	wick 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACH GRAVEL BEACHES/RIPRAP	—	IDAL FLATS MARSHES O TIDAL FLATS MAN-MADE STR	RUCTURES
RESOURCES AT RISK SEASON	IAL CONSIDERATIONS: SPR	ING SUMMER	FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water intake depth = 10 ft.				
- Tale male copii				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:	OWNERSHIP.			
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW

PROTECTION MIN BOOM LENGTH 1500 ft

PRIORITY W	SENSITIVE ARE	EA SUMMA	RY DATE <u>11/20/9</u>	<u>8</u>
SITE # 31 MAP NUMBER	: <u>11</u> SI	TE NAME: New Bruns	swick 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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	[RUCTURES
RESOURCES AT RISK SEASO WILDLIFE:	DNAL CONSIDERATIONS: SF	PRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water intake depth = 10ft.				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

DEGREE OF PROTECTIBILITY: BOOM METHOD:

DEFLECT RECOVERY

LOW

MIN BOOM LENGTH 1200 ft PROTECTION X MEDIUM

HIGH

SITE # 32 MAP NUMBE	ER: S	ITE 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: GEOGRAPHIC LOCATION:	TIDAL RANGE _	ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRA	CHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE ST D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEA WILDLIFE:	SONAL CONSIDERATIONS: S	PRING SUMMER	R	
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Water intake depth = 10	Oft.			
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS: VEHICLE BOAT STAGING AREAS:				
COLLECTION POINTS:				
OTHER (RC):				

PROTECTION STRATEGIES DEGREE OF PROTECTIBILITY: BOOM METHOD: DEFLECT HIGH RECOVERY LOW MIN BOOM LENGTH 1300 ft

MEDIUM

OTHER (PS

PROTECTION X

SITE # 33 MAP NUMB	ER: <u>12</u> SIT	ΓΕ NAME: James J. I	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 ft	MAX CURRENTS: kts	
PHYSICAL DESCRIPTION:				
SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) RANK WAVE CUT PLATFORMS FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STE D ROCKY SHORE	RUCTURES
RESOURCES AT RISK SEA	ASONAL CONSIDERATIONS: SP	RING SUMMER	R FALL WINTER	
WILDLIFE:				
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR):				
RESPONSE CONSIDERATIONS	OWNERSHIP:			
ACCESS:				
VEHICLE X				
BOAT X				
STAGING AREAS:				
COLLECTION POINTS:				

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH _____ ft

HIGH

LOW

MEDIUM

OTHER (RC):

OTHER (PS

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT

RECOVERY

PROTECTION

_				
PRIORITY W	SENSITIVE ARE	A SUMMAR	Y DATE	11/20/98
SITE # 34 MAP NUMBER:	NY-3 SIT	E NAME: Con Edison E	East 60th St. Station	
USGS QUAD: Central Park, NY	NOAA CHART# 12	2335, 12339	River Mil	e:
NOAA ESI ATLAS <u>NY Harbor</u>	ESI MAP # 12	LATITUDE 40°4	15' 30" NORTH LONGIT	ΓUDE <u>073° 57' 30"</u> WEST
AGENCY/CONTACT	EXPERTISE	ſ	PHONE	
1 Control Room	1 24 hour contact	,	1 (212)606-2700	
2 Corporate Contact	2 24 hour contact - CIG	2	2 (212)580-6763	
3	3	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: East River / ea	TIDAL RANGE 4		MAX CURRENTS:514 East 60th Street, N	kts lew York
PHYSICAL DESCRIPTION: Power plant				
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHES/RIPRAF			ARSHES AN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPE	RING A SUMMER	A FALL A WIN	TER A
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): Power plant water intake; d	epth = 34'			
RESPONSE CONSIDERATIONS	OWNERSHIP:	Con Edison		
ACCESS:	OWNERSHIP.			
VEHICLE X				
BOAT X				
STAGING AREAS:				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY LOW MEDIUM MIN BOOM LENGTH 1300 ft

OTHER (PS

COLLECTION POINTS:

OTHER (RC):

PRIORITY W	SENSITIVE AREA SUMMA	RY DATE 11/20/98
SITE # 308 MAP NUMBER:	3 SITE NAME: Bowline Po	
USGS QUAD: Haverstraw, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-1 LATITUDE 41	1°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: GEOGRAPHIC LOCATION: Haverstraw	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: fossil (oil) pow	er station	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Emergency shutdown can b	e done in about 2 minutes. The intake is located insid	de Bowline Pond about 6 feet below the water surface.
RESPONSE CONSIDERATIONS	OWNERSHIP: Orange & Rockland	Utility Co.
BOAT	ailroad Ave.\Access is via the Orange and Rockland F	Plant.
STAGING AREAS:		

OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH X	
RECOVERY [LOW	
PROTECTION X	MEDIUM	MIN BOOM LENGTH 750 ft

COLLECTION POINTS:

PRIORITY W	SENSITIVE AREA SUMM	1ARY DATE <u>11/20/98</u>
SITE # 412 MAP NUMBER	R: 4 SITE NAME: Lovet	t Power Station
USGS QUAD: Peekskill, NY	NOAA CHART # <u>12343</u>	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-3 LATITUDI	E <u>41°15'39"</u> NORTH LONGITUDE <u>73°58'44"</u> 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: GEOGRAPHIC LOCATION: Tomkins Co PHYSICAL DESCRIPTION: fossil (coal) SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS	power station COARSE SAND BEACHES EXPOS	MAX CURRENTS: kts SED TIDAL FLATS
RANK FINE SAND BEACHES		ERED ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	ONAL CONSIDERATIONS: SPRING SUM	IMER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP: Orange & Rock	dand Utility Co.
ACCESS:		`
VEHICLE X		

ACCESS:			
VEHICLE X			
BOAT			
STAGING AREAS:			
COLLECTION POINTS:			
OTHER (RC): Intake is	s at the surface. A Gunderboom is in place	e at the intake.	
PROTECTION STRATEGIES			
PROTECTION STRATEGIES BOOM METHOD	D: DEGREE O	F PROTECTIBILITY:	
	D: DEGREE O	F PROTECTIBILITY:	
ВООМ МЕТНОЕ		F PROTECTIBILITY:	
BOOM METHOD DEFLECT	нідн	F PROTECTIBILITY:	NGTH <u>1000</u> ft
BOOM METHOD DEFLECT RECOVERY	HIGH LOW		NGTH <u>1000</u> ft

PRIORITY W	SENSITIVE ARE	A SUMMA	RY DATE <u>11/20/98</u>
SITE # 413 MAP NUMBER:	4 SIT	E NAME: Indian Pt.	Nuclear Stations (2)
USGS QUAD: Peekskill, NY	NOAA CHART # 1	2343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP# HR-3	LATITUDE 41	1°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: GEOGRAPHIC LOCATION: Buchanan	TIDAL RANGE	ft ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: nuclear power	station		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
RESOURCES AT RISK SEASO	NAL CONSIDERATIONS: SP	RING SUMMER	R FALL WINTER
WILDLIFE:			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:	NIV Douge Authority	
	OWNERSHIP:	NY Power Authority	
ACCESS: VEHICLE X Rt. 9 to Ble	eakley Ave to Broadway		
BOAT			
STAGING AREAS:			
COLLECTION POINTS:			

OTHER (RC): Intakes are at the surface and cannot be shut down.

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH RECOVERY LOW PROTECTION MEDIUM MIN BOOM LENGTH ft

OTHER (PS

PRIORITY W	SENSITIVE ARE	A SUMMA	RY DATE <u>11/20/98</u>
SITE # 414 MAP NUMBER:	4 SIT	E NAME: Charles Pt.	. Resource Recovery Sta.
USGS QUAD: Peekskill, NY	NOAA CHART # <u>1</u>	2343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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
<u>s</u>	3		3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Peekskill	TIDAL RANGE	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: power station	(garbage)		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	HES SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE
DECOURAGE AT DISK	MAL CONCIDED ATIONS. CD		FALL WINTER
	NAL CONSIDERATIONS: SP	RING SUMMER	FALL WINTER
WILDLIFE:			
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR): Site is a garbage incinerator	run by the county. Water intak	es are at the surface a	and can be shut down.
RESPONSE CONSIDERATIONS	OWNERSHIP:	Weschester Co.	
ACCESS:		-	
VEHICLE X			
BOAT			
STAGING AREAS:			
COLLECTION POINTS:			

PROTECTION STRATEGIES BOOM METHOD: DEGREE OF PROTECTIBILITY: DEFLECT HIGH

RECOVERY LOW PROTECTION MEDIUM

MIN BOOM LENGTH _____ ft

OTHER (PS

OTHER (RC):

PRIORITY W	SENSITIVE ARE	A SUMMAI	RY DATE <u>11/20/98</u>
SITE # 611 MAP NUMBER:	6 SIT	TE NAME: Roseton Po	ower Station
USGS QUAD: Wappingers Falls, NY	NOAA CHART# <u>1</u>	2343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: Roseton	TIDAL RANGE	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: power plant (o SHORELINE EXPOSED ROCKY SHORES TYPE (ESI)	COARSE SAND BEACHES	<u> </u>	TIDAL FLATS MARSHES
TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEAC GRAVEL BEACHES/RIPRA	—	D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
RESOURCES AT RISK SEASON	NAL CONSIDERATIONS: SP	RING SUMMER	☐ FALL ☐ WINTER ☐
WILDLIFE:		Ь	
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR): Power station has surface w	vater intakes that can be shut do	own for emergencies in	about a minute.
RESPONSE CONSIDERATIONS	OWNERSHIP:	Central Hudson Gas	& Electric
ACCESS:		-	
VEHICLE			
воат			
STAGING AREAS:			
COLLECTION POINTS:			

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH _____ ft

PRIORITY W	SENSITIVE ARE	A SUMMA	$\Lambda \mathrm{RY}$ date	= <u>11/20/98</u>
SITE # 612 MAP NUMBER:	6 SIT	TE NAME: New York	c City Water Intake	
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 1	2342	River	Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7	LATITUDE 4	11°33'59" NORTH LON	GITUDE <u>73°57'23"</u> WEST
AGENCY/CONTACT	EXPERTISE		PHONE	
1 DEC/ J. O'Mara	1 Spill Response		1 (914)437-6720	
2	2		2	
3	3		3	
3]3			
SITE DESCRIPTION SITE AREA:	TIDAL RANGE	ft	MAX CURRENTS:	kts
GEOGRAPHIC LOCATION: Chelsea				
PHYSICAL DESCRIPTION: drinking water SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	_	HES X SHELTER	TIDAL FLATS ED TIDAL FLATS ED ROCKY SHORE	MARSHES MAN-MADE STRUCTURES
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SP	RING SUMME	R	VINTER
HABITAT:				
THREATENED/ ENDANGERED:				
OTHER (RR): This site is not operated on water shortages or for other	a regular basis. It has intakes of water emergencies.	on the bottom of the r	iver and is used to supple	ement the NYC water supply du
RESPONSE CONSIDERATIONS	OWNERSHIP:	NYCity DEP		
ACCESS:		,		
VEHICLE				
BOAT				
STAGING AREAS:				
COLLECTION POINTS:				

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT HIGH RECOVERY LOW

PROTECTION MEDIUM MIN BOOM LENGTH _____ ft

OTHER (PS

OTHER (RC):

PI	RIORITY W	SE	NSIT	VE
SITE # 613	MAP NU	MBER:	6	_
USGS QUAD:	Wappingers Falls, NY	,	NOA	AA CHA

AREA SUMMARY

DATE <u>11/20/98</u>

SITE # 613 MAP NUMBER:	6 SITE NAME: Danskammer Power Station	
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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 F	Pt.	
PHYSICAL DESCRIPTION: power plant (co	pal)	
SHORELINE EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ERED TIDAL FLATS ERED TIDAL FLATS ERED ROCKY SHORE MARSHES MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR): Surface water intakes		
RESPONSE CONSIDERATIONS	OWNERSHIP: Central Hudson	Coo & Electric
	OWNERSHIF. Central Hudson	Gas & Electric
ACCESS: VEHICLE BOAT		
STACING APEAS:		
STAGING AREAS:	ation are a just mouth of this plant on the West side	of the given. The given heattern of the collection case in The Ar
		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:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн П	
RECOVERY	LOW \square	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	MEDIOWI L	

PRIORITY W	CENCIENTE ADEA CUDANA	DN/ DATE 44/00/00
PRIORITY W	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 614 MAP NUMBER:	6 SITE NAME: Roseton S	Stream
USGS QUAD: Wappingers Falls, NY	NOAA CHART # 12343	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-7 LATITUDE 4	1. 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: GEOGRAPHIC LOCATION: Rosetown, N	TIDAL RANGE ft Y on the West side of the river about 1/4 mile south of	MAX CURRENTS: kts the Roseton Power Station.
PHYSICAL DESCRIPTION: small stream	and marsh area.	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
RESOURCES AT RISK SEASO WILDLIFE: various water foul	ONAL CONSIDERATIONS: SPRING SUMMER	R
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE X BOAT X STAGING AREAS:	this site is gained through the Roseton Power Station.	

VEHICLE X Access to this site is gained through the Roseton Power Station.

BOAT X

STAGING AREAS:

COLLECTION POINTS:

OTHER (RC):

PROTECTION STRATEGIES

PROTECTION	STRATEGIES		
	BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
	DEFLECT	ніgн	
	RECOVERY	LOW	
	PROTECTION X	MEDIUM	MIN BOOM LENGTH 500 ft
OTHER (PS			

PRIORITY W	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 801 MAP NUMBER:	8 SITE NAME: Poughkee	osie Water Intake
USGS QUAD: Poughkeepsie, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: Poughkeepsie	TIDAL RANGE ft adjacent to Marist College Boat House	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: water intake		
SHORELINE EXPOSED ROCKY SHORES X TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTERE	MARSHES D TIDAL FLATS D ROCKY SHORE MAN-MADE STRUCTURES X
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMMER	FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS: VEHICLE Site is on the BOAT	ne river bottom and should not be effected by a surfac	e problem. Valve can be shut.
STAGING AREAS: Waryas Memorial Pa	rk Poughkeepsie is to south of this site.	

воат		
STAGING AREAS: Waryas Memorial Park Poughkeep	osie is to south of this site.	
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	HIGH	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS	_	

PRIORITY W	SENSITIVE AREA SUMM	IARY DATE <u>11/20/98</u>
SITE # 803 MAP NUMBER:	8 SITE NAME: Highla	nd Water Intake
USGS QUAD: Poughkeepsie, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	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: GEOGRAPHIC LOCATION: Highland	TIDAL RANGE ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: water intake		
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTE	ED TIDAL FLATS ERED TIDAL FLATS ERED ROCKY SHORE MAN-MADE STRUCTURES
RESOURCES AT RISK SEASO WILDLIFE:	NAL CONSIDERATIONS: SPRING SUMI	MER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE BOAT		
STAGING AREAS: Waryas Memorial Pa	ark Poughkeepsie	

Site is on the bottom of the river and should not be effected by a surface problem.

HIGH

LOW

MEDIUM

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH _____ ft

COLLECTION POINTS:

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT

RECOVERY

PROTECTION

OTHER (RC):

PRIORITY W	SENSITIVE AREA SUMMA	RY DATE <u>11/20/98</u>
SITE # 906 MAP NUMBER:	9 SITE NAME: Port Ewen	
USGS QUAD: Kingston East, NY	NOAA CHART # 12347	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-10 LATITUDE 41	°52'52" NORTH LONGITUDE 73°57'24" WEST
AGENCY/CONTACT 1 DEC/ J. O'Mara	EXPERTISE 1 Spill Response	PHONE 1 (914)437-6720
2	2	2
3	3	3
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Port Ewen W.	TIDAL RANGE ft est side of river opposite Ellerslie Cove.	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: water intake SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES X SHELTERE	TIDAL FLATS MARSHES D TIDAL FLATS MAN-MADE STRUCTURES D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE: HABITAT:	NAL CONSIDERATIONS: SPRING SUMMER	FALL WINTER
THREATENED/ ENDANGERED: OTHER (RR):		
RESPONSE CONSIDERATIONS ACCESS: VEHICLE	OWNERSHIP:	

COLLECTION POINTS	<u>:</u>				
OTHER (RC):	Middle of river has shallow water.				
PROTECTION STRATE	EGIES				
BOOM	1 METHOD:	DEGREE	OF PROTECTIBILITY:		
DEFLE	ЕСТ 🔲	HIGH			
RECO'	VERY	LOW			
PROTE	ECTION	MEDIUM		MIN BOOM LENGTH	_ ft

PRIORITY W	SENSITIVE AREA	SUMMAI	RY DATE <u>11/20/98</u>
SITE # 910 MAP NUMBER:	9 SITE	NAME: Rondout C	r. Water Intake
USGS QUAD: Kingston East, NY	NOAA CHART # 123	47	River Mile:
NOAA ESI ATLAS <u>Hudson River</u>	ESI MAP # HR-10	LATITUDE 41	<u>°55'40"</u> NORTH LONGITUDE <u>73°57'49"</u> WES
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: GEOGRAPHIC LOCATION: Kingston	TIDAL RANGE	ft	MAX CURRENTS: kts
PHYSICAL DESCRIPTION: water intake??			
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	COARSE SAND BEACHES SAND AND GRAVEL BEACHE GRAVEL BEACHES/RIPRAP	SHELTERED	MARSHES D TIDAL FLATS D ROCKY SHORE
RESOURCES AT RISK SEASON WILDLIFE:	NAL CONSIDERATIONS: SPRI	NG SUMMER	FALL WINTER
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		
ACCESS:	-		
VEHICLE BOAT			
STAGING AREAS:			
COLLECTION POINTS:			

STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		
BOOM METHOD:	DEGREE OF PROTECTIBILITY:	
DEFLECT	ніgн	
RECOVERY	LOW	
PROTECTION	MEDIUM	MIN BOOM LENGTH ft
OTHER (PS		

PRIORITY W	SENSITIVE AREA SU	JMMARY DATE <u>11/20/98</u>	
SITE # 1002 MAP NUMBE	ER: 10 SITE NAME	Ulster Water Intake	
USGS QUAD:	NOAA CHART #	River Mile:	
NOAA ESI ATLAS	ESI MAP # L	ATITUDE 41-58' 19" NORTH LONGITUDE 073-57' 13" WE	ST
AGENCY/CONTACT	EXPERTISE	PHONE	
1	1	1	
2	2	2	_
<u> </u>	3	3	
SITE DESCRIPTION SITE AREA: GEOGRAPHIC LOCATION: Ulster	TIDAL RANGE	ft MAX CURRENTS: kts	
PHYSICAL DESCRIPTION: water intak	re		
SHORELINE EXPOSED ROCKY SHORE TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	S COARSE SAND BEACHES SAND AND GRAVEL BEACHES GRAVEL BEACHES/RIPRAP	EXPOSED TIDAL FLATS SHELTERED TIDAL FLATS SHELTERED ROCKY SHORE MAN-MADE STRUCTURES	s
RESOURCES AT RISK SEA WILDLIFE:	SONAL CONSIDERATIONS: SPRING [SUMMER FALL WINTER	
HABITAT:			
THREATENED/ ENDANGERED:			
OTHER (RR):			
RESPONSE CONSIDERATIONS	OWNERSHIP:		_
ACCESS: VEHICLE BOAT			

DEGREE OF PROTECTIBILITY:

MIN BOOM LENGTH ft

HIGH

LOW

MEDIUM

COLLECTION POINTS:

PROTECTION STRATEGIES

BOOM METHOD:

DEFLECT

RECOVERY

PROTECTION

OTHER (RC):

SITE #1507 MAP NUMI	SENSITIVE AREA SUN BER:15	Niagra Mohawk Power Co.
USGS QUAD: Delmar, NY	NOAA CHART #	River Mile:
NOAA ESI ATLAS	ESI MAP# HR-15 LATI	ITUDE <u>42 35'52"</u> NORTH LONGITUDE <u>73 45'78"</u> WES
AGENCY/CONTACT	EXPERTISE	PHONE
Niagra Mohawk Power	1	1 (518) 436-5077
2	2	2
}	3	3
SITE DESCRIPTION SITE AREA:	TIDAL RANGE ft	MAX CURRENTS: kts
GEOGRAPHIC LOCATION:		
PHYSICAL DESCRIPTION:		
SHORELINE EXPOSED ROCKY SHOR TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SH	XPOSED TIDAL FLATS HELTERED TIDAL FLATS HELTERED ROCKY SHORE MAN-MADE STRUCTURES
RESOURCES AT RISK SE WILDLIFE:	ASONAL CONSIDERATIONS: SPRING	SUMMER FALL WINTER
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
RESPONSE CONSIDERATIONS	OWNERSHIP:	
ACCESS:		
VEHICLE X		
BOAT X		
–		
STAGING AREAS:		
COLLECTION POINTS:		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH

OTHER (PS

OTHER (RC):

PRIORITY W SENSITIVE AREA SUMMARY DATE 11/20/9	<u>8</u>
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 4	4'47" WEST
AGENCY/CONTACT EXPERTISE PHONE	
1 BASF 1 1	
2 2	
3 3	
SITE DESCRIPTION SITE AREA: TIDAL RANGE ft MAX CURRENTS: kts	
GEOGRAPHIC LOCATION:	
PHYSICAL DESCRIPTION:	
SHORELINE EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES GRAVEL BEACHES/RIPRAP SHELTERED ROCKY SHORE MAN-MADE STAND SHELTERED ROCKY SHORE	TRUCTURES
RESOURCES AT RISK SEASONAL CONSIDERATIONS: SPRING SUMMER FALL WINTER WILDLIFE:	
HABITAT:	
THREATENED/ ENDANGERED:	
OTHER (RR):	
RESPONSE CONSIDERATIONS OWNERSHIP:	
ACCESS:	
VEHICLE X	
BOAT X	
STAGING AREAS:	
COLLECTION POINTS:	

PROTECTION STRATEGIES			
BOOM METHOD:	DEGREE OF PROTECTIBILITY:		
DEFLECT X	нідн		
RECOVERY	LOW		
PROTECTION X	MEDIUM	MIN BOOM LENGTH	<u> </u>

PRIORITY W	SENSITIVE AREA SUMMA	ARY DATE <u>11/20/98</u>
SITE # 1509 MAP NUMBE	R:15 SITE NAME: NY Com	ned
USGS QUAD:	NOAA CHART #	River Mile:
NOAA ESI ATLAS	ESI MAP # HR-15 LATITUDE	42 38'56" NORTH LONGITUDE 73 44'74" WES
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 EXPOSED ROCKY SHORES TYPE (ESI) WAVE CUT PLATFORMS RANK FINE SAND BEACHES	SAND AND GRAVEL BEACHES SHELTER	D TIDAL FLATS MARSHES RED TIDAL FLATS MAN-MADE STRUCTURES RED ROCKY SHORE
RESOURCES AT RISK SEAS	SONAL CONSIDERATIONS: SPRING SUMM	ER
WIEDEIT E.		
HABITAT:		
THREATENED/ ENDANGERED:		
OTHER (RR):		
STILLY (MAY).		
DEGRONGE GOVERNMENT	OWNERS WE	
RESPONSE CONSIDERATIONS ACCESS:	OWNERSHIP:	
VEHICLE		
BOAT X		
STAGING AREAS:		
COLLECTION POINTS:		
OTHER (RC):		
PROTECTION STRATEGIES		

PROTECTION STRATEGIES

BOOM METHOD: DEGREE OF PROTECTIBILITY:

DEFLECT X HIGH
RECOVERY 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

Refernce: (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. <u>Captain of the Port, Long Island Sound</u>

AREA	OWNERSHIP STATUS	GEOLOGICAL CLASSIFICATION	REASONS FOR PROTECTIONS
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 Wild- life refuge	National protection	Salt marsh	Bird breeding area Wildlife protection area
Hecksher State Park Connetquott 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

AREA	OWNERSHIP STATUS	GEOLOGICAL CLASSIFICATION	REASONS FOR PROTECTIONS
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. <u>Captain of the Port, Philadelphia</u>			
AREA	OWNERSHIP STATUS	GEOLOGICAL CLASSIFICATION	REASONS FOR PROTECTIONS
Island Beach swimming	State Park	Barrier beach	Public fishing &
State Park			area, Wildlife area
Barnegat National Wildlife Refuge	National Protection	Salt Marsh	Major bird breeding, wintering and migratory bird resting area, Wildlife protection Area