



**Map 24**  
**New York and New Jersey Metropolitan Area**

**HUMAN USE RESOURCES**

DISPLAYED ON MAP (POINTS)				
<i>Map ID</i>	<i>Type</i>	<i>Name</i>	<i>Contact</i>	<i>Phone</i>
1	EPA FACILITY	BUCKEYE PERTH AMBOY TERMINAL	ASSISTANT OPERATIONS MANAGER	732-738-2037
2	EPA FACILITY	KINDER MORGAN CARTERET FACILITY	EHS MANAGER	732-541-5161
3	EPA FACILITY	PORT READING COMPLEX	ASSISTANT OPERATIONS MANAGER	732-750-7861
4	LANDFILL	NYCDOS/GSF FRESH KILLS GAS PLANT		718-984-7733
5	MARINA	MARINA		
6	OIL FACILITY	PETROLEUM PRODUCT TERMINAL		
7	OIL FACILITY	ARTHUR KILL POWER		
8	OIL FACILITY	KINDER MORGAN STATEN ISLAND TERMINAL		
9	REPEATED MEASUREMENT SITE	MUSSEL WATCH SITE - HRRB	MUSSEL WATCH PROJECT MANAGER	301-713-3028
10	WATER INTAKE	ARTHUR KILL GENERATING STATION		
11	WATER INTAKE	SOUTH SHORE GOLF COURSE		

DISPLAYED ON MAP (LINES)				
<i>Map ID</i>	<i>Type</i>	<i>Name</i>	<i>Contact</i>	<i>Phone</i>
12	PIPELINE	COLONIAL	COLONIALPIPELINE CO	
13	PIPELINE	HARBOR PIPELINE	SUNOCO	
14	PIPELINE	BUCKEYE	BUCKEYE PARTNERS	







DISPLAYED ON MAP (POLYGONS)				
<i>Map ID</i>	<i>Type</i>	<i>Name</i>	<i>Contact</i>	<i>Phone</i>
15	NATIONAL PARK	GATEWAY NATIONAL RECREATION AREA	MARK CHRISTIANO	713-354-4525
16	STATE PARK	CLAY PIT PONDS STATE PARK PRESERVE		
17	STATE PARK	CHEESEQUAKE STATE PARK		
18	WATER INTAKE	WATER INTAKE AREA		

ALSO PRESENT IN MAPPED AREA (POLYGONS)				
	<i>Type</i>	<i>Name</i>	<i>Contact</i>	<i>Phone</i>
	ESSENTIAL HABITAT	EFH AREA	CHRIS BRUCE	434-951-0565
	ESSENTIAL HABITAT	IMPORTANT BIRD AREA	IMPORTANT BIRD AREAS PROGRAM COORDINATOR	607-254-2437
	ESSENTIAL HABITAT	IMPORTANT BIRD AREA	GYLLA MACGREGOR	
	ESSENTIAL HABITAT	SIGNIFICANT COASTAL HABITAT	NYS DEPARTMENT OF STATE COORDINATOR	518-474-6000















JURISDICTIONS				
<b>COUNTY:</b>	MIDDLESEX COUNTY, MONMOUTH COUNTY, RICHMOND COUNTY, UNION COUNTY		<b>FEMA:</b>	REGION II
<b>COAST GUARD:</b>	DISTRICT 1, SECTOR NEW YORK		<b>EPA:</b>	REGION 2
<b>USACE:</b>	NORTH ATLANTIC DIVISION, NEW YORK DISTRICT			

## SHORELINE RESOURCES

### ESI POLYGON HABITAT TYPES

	<i>ESI Rank</i>	<i>Habitat Classification</i>	<i>Area (Acres)</i>	<i>Area (Sq. Miles)</i>
	10A	Salt and Brackish Water Marshes	3,177.06	4.96
	10B	Freshwater Marshes	676.30	1.06
	10C	Swamps	2,809.74	4.39
	10D	Scrub and Shrub Wetlands	251.36	0.39
	9A	Sheltered Tidal Flats	37.73	0.06
	7	Exposed Tidal Flats	81.86	0.13

### ESI SHORELINE HABITAT TYPES

	<i>ESI Rank</i>	<i>Shoreline Habitat Classification</i>	<i>Length (Meters)</i>	<i>Length (Miles)</i>	<i>% of ESI Shoreline</i>
	10A	Salt and Brackish Water Marshes	101,003.34	62.76	28%
	10B	Freshwater Marshes	367.80	0.23	< 1%
	10C	Swamps	385.38	0.24	< 1%
	10D	Scrub and Shrub Wetlands	343.70	0.21	< 1%
	9A	Sheltered Tidal Flats	5,808.26	3.61	2%
	9B	Vegetated Low Banks	135,929.76	84.46	37%
	8B	Sheltered, Solid Man-Made Structures	22,442.13	13.94	6%
	8C	Sheltered Riprap	4,563.58	2.84	1%
	7	Exposed Tidal Flats	7,631.02	4.74	2%
	6B	Riprap	14,529.39	9.03	4%
	5	Mixed Sand and Gravel Beaches	17,261.68	10.73	5%
	4	Coarse Grained Sand Beaches	18,063.06	11.22	5%
	3A	Fine to Medium Grained Sand Beaches	11,737.97	7.29	3%
	1B	Exposed, Solid Man-Made Structures	22,534.97	14.00	6%

Total ESI Shoreline:	362,602.05	Total ESI Shoreline:	225.31
Total Shoreline:	229,567.94	Total Shoreline:	142.65

Note: A shoreline segment may include multiple shoreline habitats. If any segments include multiple habitats, the combined length of all habitats may exceed the length of the mapped shoreline, and the percent of ESI shoreline values will sum to greater than 100%

All underlying GIS data can be obtained from [response.restoration.noaa.gov](https://response.restoration.noaa.gov)

