

Map 9
Long Island Sound



SEE BACK OF MAP
for details about mapped resources and
other resources that occur in mapped area.
Data Published: September 2016

0 Not for Navigation 2 Miles
0 2 Kilometers

1:100,000



Map 9
Long Island Sound

HUMAN USE RESOURCES

| DISPLAYED ON MAP (POINTS) | | | | |
|-----------------------------|---------------------------|--|--|--------------|
| <i>Map ID</i> | <i>Type</i> | <i>Name</i> | <i>Contact</i> | <i>Phone</i> |
| 1 | AQUACULTURE | INDIAN RIVER SHELLFISH (CT072AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 2 | AQUACULTURE | INDIAN RIVER SHELLFISH (CT072AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 3 | AQUACULTURE | INDIAN RIVER SHELLFISH (CT072BAO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 4 | AQUACULTURE | INDIAN RIVER SHELLFISH (CT072AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 5 | AQUACULTURE | MADISON SHELLFISH COMMISSION (CT043AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 6 | AQUACULTURE | DA/BA HANGING CAGES (CT048AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 7 | AQUACULTURE | AEROS CULTURED OYSTER COMPANY (CT048CAO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 8 | AQUACULTURE | C. W. SHELLFISH COMPANY, LLC (CT072EAO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 9 | AQUACULTURE | C. W. SHELLFISH COMPANY, LLC (CT043AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 10 | AQUACULTURE | INDIAN RIVER SHELLFISH (CT 072F AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 11 | AQUACULTURE | OLD HARBOR MARINA (CT 089 AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 12 | AQUACULTURE | C.W. SHELLFISH COMP., LLC (CT043A AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 13 | AQUACULTURE | MADISON SHELLFISH COMMISSION (CT048AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| 14 | BOAT RAMP | GUILFORD TOWN MARINA BOAT RAMP | | |
| 15 | BOAT RAMP | EAST RIVER STATE BOAT RAMP | | |
| 16 | LANDFILL | MADISON BULK WASTE LANDFILL | CT DEPT. OF ENERGY AND ENV. PROTECTION | |
| 17 | LANDFILL | CLINTON BWLF | CT DEPT. OF ENERGY AND ENV. PROTECTION | |
| 18 | MARINA | GUILFORD TOWN MARINA | | |
| 19 | MARINA | CEDAR ISLAND MARINA | | |
| 20 | REPEATED MEASUREMENT SITE | STATION 44039 - CENTRAL LONG ISLAND SOUND | JAMES B. EDSON | 860-405-9165 |
| 21 | WATER INTAKE | UCONN MSI RANKIN LAB (CT058AO) | CT DEPT. OF AGR./BUREAU OF AQUACULTURE | 203-874-0696 |
| DISPLAYED ON MAP (POLYGONS) | | | | |
| <i>Map ID</i> | <i>Type</i> | <i>Name</i> | <i>Contact</i> | <i>Phone</i> |
| 22 | PARK | HAMMONASSET BEACH STATE PARK | CT DEPT. OF ENERGY AND ENV. PROTECTION | 860-424-3016 |
| 23 | PARK | HAMMONASSET NATURAL AREA PRESERVE | CT DEPT. OF ENERGY AND ENV. PROTECTION | 860-424-3016 |
| 24 | WILDLIFE REFUGE | STEWART B. MCKINNEY NATIONAL WILDLIFE REFUGE | RICK POTVIN | 860-399-2513 |

ALSO PRESENT IN MAPPED AREA (POLYGONS)

| <i>Type</i> | <i>Name</i> | <i>Contact</i> | <i>Phone</i> |
|-------------------|----------------------------------|---|--------------|
| ESSENTIAL HABITAT | SUMMER FLOUNDER - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | BLACK SEA BASS - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | SCUP - ADULT | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | SCUP - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | SCUP - LARVAE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | SCUP - EGGS | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | LONGFIN INSHORE SQUID - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | LONGFIN INSHORE SQUID - ADULT | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | LONGFIN INSHORE SQUID - EGGS | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC MACKEREL - EGGS | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC MACKEREL - LARVAE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC MACKEREL - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC MACKEREL - ADULT | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | BLUEFISH - ADULT | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | BLUEFISH - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC BUTTERFISH - EGGS | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC BUTTERFISH - LARVAE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC BUTTERFISH - ADULT | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |
| ESSENTIAL HABITAT | ATLANTIC BUTTERFISH - JUVENILE | NOAA FISHERIES OFFICE OF HABITAT CONSERV. | 301-713-2325 |



JURISDICTIONS

COUNTY: MIDDLESEX COUNTY, NEW COUNTY, SUFFOLK COUNTY
COAST GUARD: DISTRICT 1, SECTOR LONG ISLAND SOUND
USACE: NORTH ATLANTIC DIVISION, NEW ENGLAND DISTRICT, NEW YORK DISTRICT






















FEMA: REGION I, REGION II
EPA: REGION 1, REGION 2

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 | 2,343.89 | 3.66 |
|  | 10B | Freshwater Marshes | 130.06 | 0.20 |
|  | 10C | Swamps | 1,721.91 | 2.69 |
|  | 10D | Scrub and Shrub Wetlands | 156.84 | 0.25 |
|  | 9A | Sheltered Tidal Flats | 174.91 | 0.27 |
|  | 7 | Exposed Tidal Flats | 136.95 | 0.21 |
|  | 2A | Exposed Wave-Cut Platforms In Bedrock | 23.31 | 0.04 |

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 | 244,150.46 | 151.71 | 31% |
|  | 10B | Freshwater Marshes | 3,210.54 | 1.99 | < 1% |
|  | 10C | Swamps | 20,760.74 | 12.90 | 3% |
|  | 10D | Scrub and Shrub Wetlands | 1,937.01 | 1.20 | < 1% |
|  | 9A | Sheltered Tidal Flats | 144,343.38 | 89.69 | 18% |
|  | 9B | Vegetated Low Banks | 305,992.44 | 190.14 | 39% |
|  | 8A | Sheltered, Impermeable, Rocky Shores | 341.22 | 0.21 | < 1% |
|  | 8A | Sheltered Scarps (Bedrock/Mud/Clay) | 39.52 | 0.02 | < 1% |
|  | 8A | Sheltered, Impermeable, Rocky Shores | 341.22 | 0.21 | < 1% |
|  | 8A | Sheltered Scarps (Bedrock/Mud/Clay) | 39.52 | 0.02 | < 1% |
|  | 8B | Sheltered, Solid Man-Made Structures | 6,789.68 | 4.22 | 1% |
|  | 8C | Sheltered Riprap | 1,771.11 | 1.10 | < 1% |
|  | 7 | Exposed Tidal Flats | 5,435.88 | 3.38 | 1% |
|  | 6A | Gravel Beaches | 1,967.32 | 1.22 | < 1% |
|  | 6B | Riprap | 8,333.69 | 5.18 | 1% |
|  | 5 | Mixed Sand and Gravel Beaches | 1,973.17 | 1.23 | < 1% |
|  | 4 | Coarse Grained Sand Beaches | 13,652.62 | 8.48 | 2% |
|  | 3A | Fine to Medium Grained Sand Beaches | 6,587.72 | 4.09 | 1% |
|  | 2A | Exposed, Wave-Cut Platforms (Bedrock/Mud/Clay) | 7,429.55 | 4.62 | 1% |
|  | 1A | Exposed, Rocky Shores | 483.96 | 0.30 | < 1% |
|  | 1B | Exposed, Solid Man-Made Structures | 11,884.74 | 7.38 | 2% |

| | | | |
|----------------------|------------|----------------------|--------|
| Total ESI Shoreline: | 787,084.75 | Total ESI Shoreline: | 489.07 |
| Total Shoreline: | 373,506.41 | Total Shoreline: | 232.09 |

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

