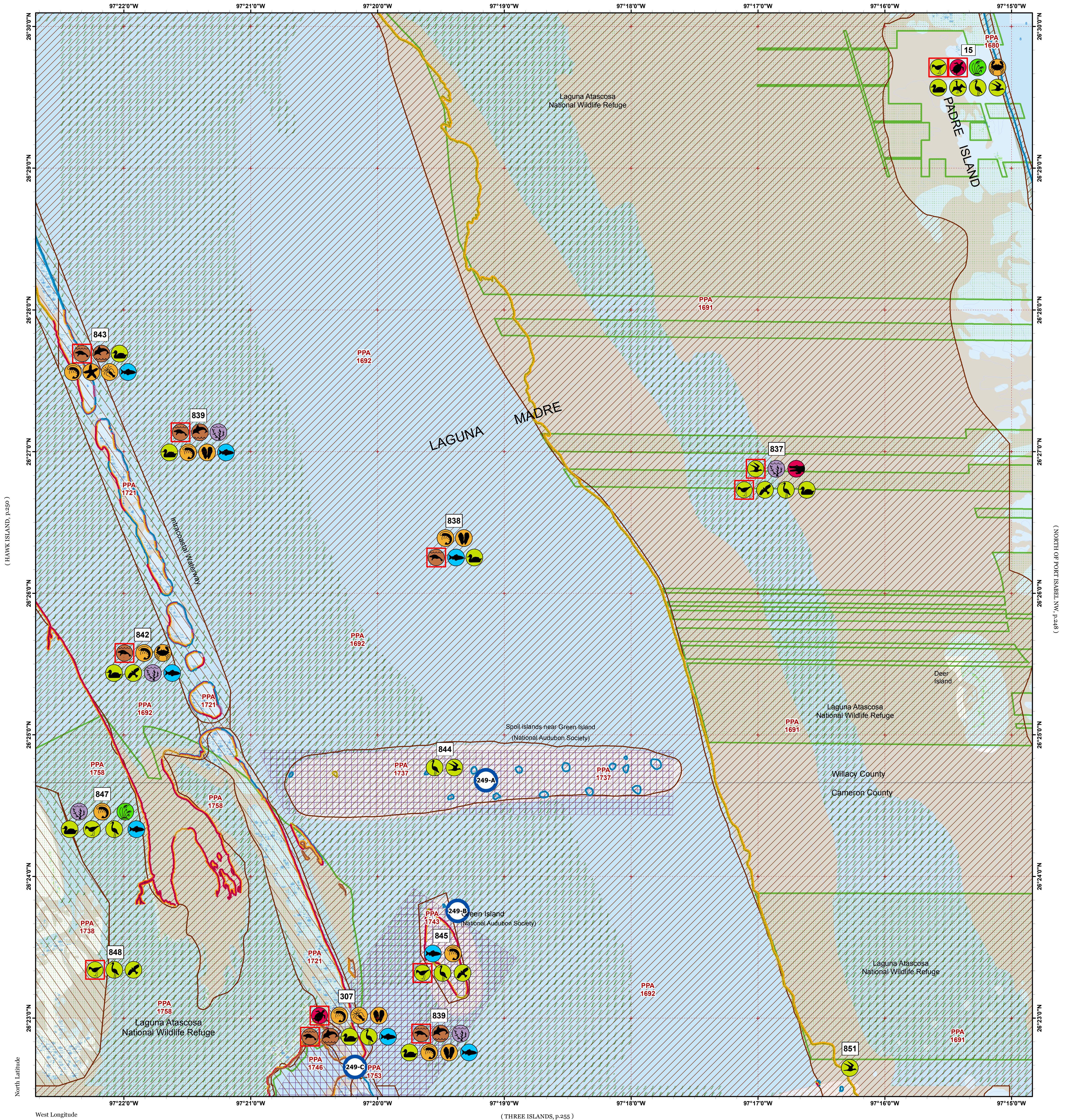


GREEN ISLAND

(SOUTH OF POTRERO LOPENO SE, p.243)

Click Here or Scroll Down for Associated Map Data

Click on the Geographic Response Plan Target to View the ICS Form



(HAWK ISLAND, p.250)

(NORTH OF PORT ISABEL, NW, p.248)

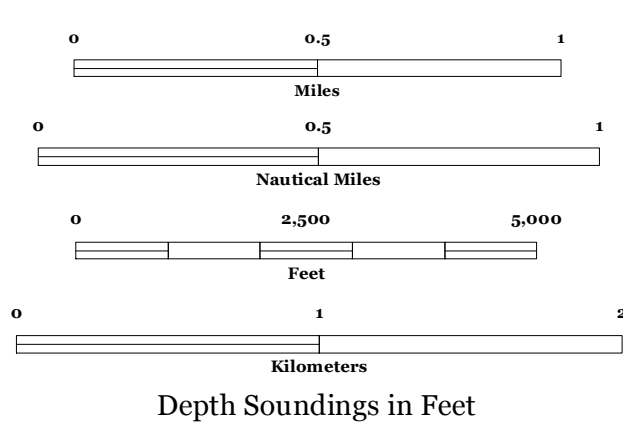
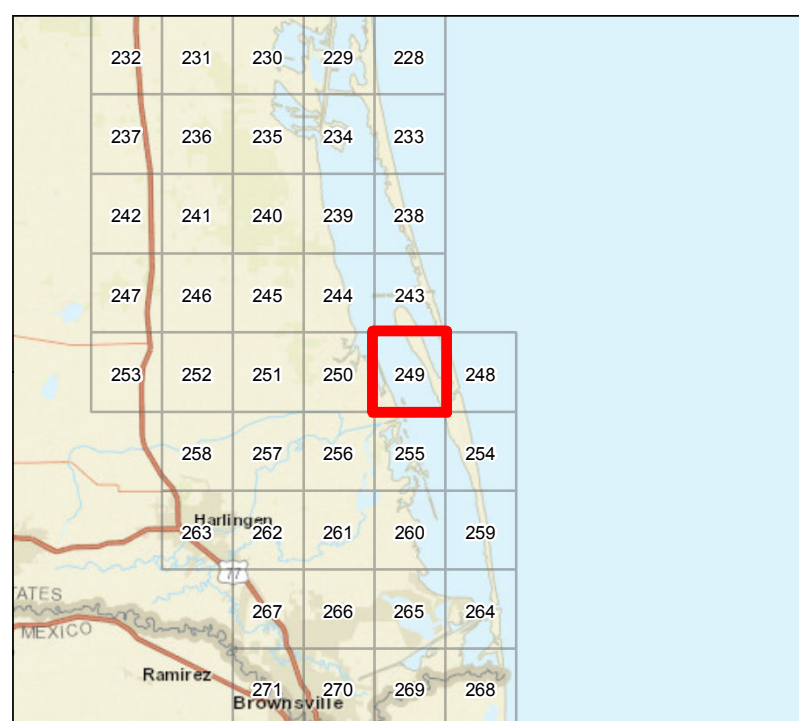
(THREE ISLANDS, p.255)



Oil Spill Planning and Response Atlas

2016

The Texas General Land Office makes no representations or warranties regarding the accuracy or completeness of the information depicted on this map or the data from which it was produced. This map is not suitable for navigational purposes and does not purport to depict boundaries of private and public land.



Human Use Features

Geographic Response Plan

Map Base Layers

- GIWW
- Wildlife Refuge
- Audubon Sanctuaries
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Intertidal Scrub/Shrub
- Beach or Tidal Flat
- Marine Bottom
- Marine Shoreline
- Freshwater Marshes
- Lake / Pond
- County Boundary

Priority Protection Areas

- HIGH
- MEDIUM

Species Icons Within Map Quad

- Alligator
- Turtle
- Turtle T/E
- Benthic Marine
- Bivalve
- Cephalopod
- Crab
- Echinoderms
- Shrimp
- Fish
- Fish T/E
- Dolphin
- Mammal T/E
- Marsh
- Plant
- Diving Bird
- Gull/Tern
- Gull/Tern T/E
- Raptor
- Shorebird
- Shorebird Endangered
- Wading
- Waterfowl

ENVIRONMENTAL SENSITIVITY INDEX

- 10D Mangroves and Woody Vegetation
- 10C Freshwater Swamps
- 10B Freshwater Marshes
- 10A Salt and Brackish Water Marshes
- 9 Sheltered Tidal Flats
- 8C Sheltered Rocky/Karst Shores
- 8D Sheltered Scarps
- 8B Sheltered Riprap Structures
- 8A Sheltered Solid Manmade Structures
- 7 Exposed Tidal Flats
- 6B Exposed Riprap Structures
- 6A Gravel or Shell Beaches
- 5 Mixed Sand and Gravel or Shell Beaches
- 4 Coarse-Grained Sand Beaches
- 3B Scraps and Steep Slopes in Sand
- 3A Fine-Grained Sand Beaches
- 2B Wave-Cut Clay Platforms
- 2A Scraps and Steep Slopes in Clay
- 1 Exposed Walls and Other Solid Structures

Quadrant: GREEN ISLAND

Map # :249

Biological Information for this quadrant represents known concentration areas of occurrence.

Habitat Priority Protection Areas

| PPA ID | PRIORITY | POLY DESC | BIRDS RANK | BIRDS DESC | FISH DESC | FISH RANK | WETLANDS R | WETLANDS D |
|---------|----------|--|------------|---|-----------|-----------|------------|---|
| PPA1680 | HIGH | Padre Island Gulf beach | HIGH | Piping plovers, snowy plovers, shorebirds, terns, brown pelicans, peregrine falcons; nesting by Kemps ridley, loggerhead, green sea turtles | | | | |
| PPA1691 | HIGH | Flats on west side of Padre Island | VERY HIGH | Seasonal concentrations of piping plover (10 percent of total population), snowy plover, other shorebirds, peregrine falcon, reddish egret and other wading birds | | | HIGH | Sand, mud flats with algal mats and halophilic vegetation; subject to tidal and seasonal inundation |
| PPA1692 | HIGH | Laguna Madre | MEDIUM | Feeding area for redheads, other waterfowl | Nursery | HIGH | HIGH | Seagrass (Halodule along shoreline, Syringodium in deeper water) |
| PPA1721 | MEDIUM | Spoil islands west of ICW | LOW | | | | MEDIUM | Halophilic vegetation (Salicornia, Borrichia) on islands; seagrass |
| PPA1737 | HIGH | Green Island Cut spoil | HIGH | Rookery (618-160) for skimmers, terns | | | | |
| PPA1738 | MEDIUM | Arroyo Colorado delta | MEDIUM | Feeding area for waterfowl, including redheads, geese | | | MEDIUM | Salt grass marsh, mud and algal flats |
| PPA1743 | HIGH | Green Island and Green Island Reef NW colonial waterbird rookeries | VERY HIGH | Important rookery (618-161 and 618-164) for reddish and snowy egrets, roseate spoonbill, other wading birds; seasonal use by piping plovers, other shorebirds | | | | |
| PPA1746 | MEDIUM | Bay north of El Morro Island | HIGH | | Nursery | HIGH | | |
| PPA1753 | MEDIUM | Spoil south of Laguna Atascosa NWR | HIGH | | | | MEDIUM | Halophilic vegetation (Salicornia, Borrichia) |
| PPA1758 | HIGH | Flats north of Arroyo Colorado Cutoff | HIGH | Concentrations of reddish egret, snowy plover, piping plover, many shorebirds; peregrine falcon | | | | Algal, sand and mud flats |

Biological Resources

Bird

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | NESTING | LAYING | HATCHING | FLEDGING |
|--------|---------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 15 | Migratory songbirds | | | | | | X | X | X | X | | X | X | X | X | | | | | |
| | Brown pelican | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-AUG | APR-AUG | APR-AUG |
| | Terns | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Shorebirds | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Ruddy turnstone | | | | X | X | X | X | X | | | | X | X | X | X | | | | |
| | Sanderling | | | | X | X | X | X | X | | | X | X | X | X | X | | | | |
| | Red knot | | T | | | | | X | X | | | X | X | | | | | | | |
| | Snowy plover | | | | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Piping plover | | T | | X | X | X | X | X | | X | X | X | X | X | X | | | | |
| | Long-billed curlew | C | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Wading birds | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUL | MAR-JUL | MAR-JUL | MAR-AUG |
| | Willet | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | APR-AUG | APR-AUG | MAY-SEP |
| | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 307 | Rails | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Wading birds | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUL | MAR-JUL | MAR-JUL | MAR-AUG |
| | Waterfowl | | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | Gadwall | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| | Geese | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| 5 | Franklin's gull | | | | | | | X | X | X | | | X | X | X | | | | | |
| | Northern gannet | | | | X | X | X | X | | | | | | X | X | X | | | | |
| | Black tern | | | | | | X | X | X | X | X | X | X | X | X | X | | | | JUL-JUN |
| | Shorebirds | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 837 | Least tern | | E | | | | X | X | X | X | X | X | X | X | | | APR-SEP | APR-SEP | MAY-SEP | MAY-SEP |
| | Peregrine falcon | | | HIGH | X | X | X | X | X | | | | X | X | X | X | | | | |
| | Shorebirds | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Ruddy turnstone | | | | X | X | X | X | X | | | | X | X | X | X | | | | |
| | Sanderling | | | | X | X | X | X | X | | | X | X | X | X | X | | | | |
| | Red knot | | T | | | | | X | X | | | X | X | | | | | | | |
| | Western sandpiper | C | | | X | X | X | X | | | X | X | X | X | X | X | | | | |
| | Least sandpiper | | | | X | X | X | X | X | | X | X | X | X | X | X | | | | |
| | Snowy plover | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Piping plover | | T | HIGH | X | X | X | X | X | | X | X | X | X | X | X | | | | |
| | Marbled godwit | C | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Wading birds | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUL | MAR-JUL | MAR-JUL | MAR-AUG |
| | Reddish egret | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | APR-AUG | APR-AUG | APR-SEP |
| | Waterfowl | | | HIGH | X | X | X | X | | | | X | X | X | X | X | | | | |
| 838 | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Northern pintail | C | | HIGH | X | X | X | X | | | | X | X | X | X | X | | | | |
| | Redhead | | | HIGH | X | X | X | X | X | | | | | X | X | X | | | | |
| 839 | Waterfowl | | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | Northern pintail | C | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | American wigeon | | | | X | X | X | X | | | | | X | X | X | | | | | |

Bird

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | NESTING | LAYING | HATCHING | FLEDGING |
|--------|----------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 842 | Redhead | | | HIGH | X | X | X | X | X | | | | | X | X | X | | | | |
| | Bufflehead | | | | X | X | X | X | | | | | | | X | X | | | | |
| | Mergansers | | | | X | X | X | X | | | | | | X | X | X | | | | |
| | Osprey | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Waterfowl | | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | Northern pintail | C | | | X | X | X | X | | | | X | X | X | X | X | | | | |
| | American wigeon | | | | X | X | X | X | | | | | | X | X | X | | | | |
| | Green-winged teal | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| | Gadwall | | | | X | X | X | X | | | | | X | X | X | X | | | | |
| | Redhead | | | HIGH | X | X | X | X | X | | | | | | X | X | X | | | |
| 843 | Greater scaup | | | | X | X | X | | | | | | X | X | X | X | | | | |
| | Bufflehead | | | | X | X | X | X | | | | | | | X | X | | | | |
| | Mergansers | | | | X | X | X | X | | | | | | X | X | X | | | | |
| | American white pelican | C | | | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Waterfowl | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Laughing gull | | | 2660 | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Black skimmer | C | | 68 | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-SEP | APR-SEP | APR-SEP |
| | Caspian tern | | | 122 | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUN | MAR-JUN | MAR-JUN | MAR-JUL |
| | Sooty tern | | | 4 | | X | X | X | X | X | X | X | X | X | | | | | | |
| | Royal tern | | | 704 | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| 844 | Gull-billed tern | | | 60 | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Sandwich tern | | | 540 | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Great blue heron | | | 22 | X | X | X | X | X | X | X | X | X | X | X | X | DEC-MAR | JAN-MAR | FEB-APR | MAR-MAY |
| | Reddish egret | | | 2 | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | APR-AUG | APR-AUG | APR-SEP |
| | Migratory songbirds | | | | | | X | X | X | X | | X | X | X | X | | | | | |
| | Peregrine falcon | | | | X | X | X | X | X | | | | X | X | X | X | | | | |
| | Osprey | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Shorebirds | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Red knot | | T | | | | X | X | | | | X | X | | | | | | | |
| | Piping plover | | T | | X | X | X | X | X | | X | X | X | X | X | X | | | | |
| 845 | Yellow-crowned night-heron | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-SEP | APR-SEP | APR-SEP |
| | Black-crowned night-heron | | | 60 | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | APR-AUG | APR-AUG | APR-SEP |
| | Wading birds | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUL | MAR-JUL | MAR-JUL | MAR-AUG |
| | Roseate spoonbill | | | 582 | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | APR-AUG | APR-AUG | MAY-SEP |
| | Great blue heron | | | 180 | X | X | X | X | X | X | X | X | X | X | X | X | DEC-MAR | JAN-MAR | FEB-APR | MAR-MAY |
| | Cattle egret | | | 12 | X | X | X | X | X | X | X | X | X | X | X | X | APR-JUL | APR-JUL | APR-JUL | APR-AUG |
| | Great egret | | | 534 | X | X | X | X | X | X | X | X | X | X | X | X | DEC-MAR | JAN-MAR | FEB-APR | MAR-MAY |
| | Little blue heron | | | 192 | X | X | X | X | X | X | X | X | X | X | X | X | APR-JUL | APR-JUL | APR-JUL | MAY-AUG |
| | Reddish egret | | | | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | APR-AUG | APR-AUG | APR-SEP |
| | Snowy egret | C | | 778 | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| 847 | Tricolored heron | C | | 1284 | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | APR-AUG | APR-AUG | MAY-SEP |
| | White ibis | | | 258 | X | X | X | X | X | X | X | X | X | X | X | X | FEB-JUN | FEB-JUN | FEB-JUN | MAR-JUL |
| | Shorebirds | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | American avocet | | | | X | X | X | X | X | | | X | X | X | X | X | | | | |
| | Wading birds | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUL | MAR-JUL | MAR-JUL | MAR-AUG |
| | Waterfowl | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Geese | | | | X | X | X | X | | | | | | X | X | X | | | | |
| | Peregrine falcon | | | | X | X | X | X | X | | | | X | X | X | X | | | | |
| | Shorebirds | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Dunlin | | | | X | X | X | X | X | | | | | X | X | X | | | | |
| 848 | Red knot | | T | | | | X | X | | | | X | X | | | | | | | |
| | Western sandpiper | C | | HIGH | X | X | X | X | | | X | X | X | X | X | X | | | | |
| | Least sandpiper | | | | X | X | X | X | X | | X | X | X | X | X | X | | | | |
| | Snowy plover | | | HIGH | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | FEB-AUG | FEB-AUG | MAR-SEP |
| | Piping plover | | T | | X | X | X | X | X | | X | X | X | X | X | X | | | | |
| | Yellowlegs | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Wading birds | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-JUL | MAR-JUL | MAR-JUL | MAR-AUG |
| | Reddish egret | | | | X | X | X | X | X | X | X | X | X | X | X | X | FEB-AUG | APR-AUG | APR-AUG | APR-SEP |
| | Terns | | | | X | X | X | X | X | X | X | X | X | X | X | X | | | | |
| | Black skimmer | C | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-SEP | APR-SEP | APR-SEP | APR-SEP |

Fish

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | LARV/JUV | SPAWNING |
|--------|-----------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| 307 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 5 | Atlantic tripletail | | | | | | | X | X | X | X | X | X | X | | | | JUN-AUG |
| | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Sharks | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Striped anchovy | | | | X | X | X | X | X | X | X | X | X | X | X | X | | MAR-MAY |
| | Sheepshead | | | | X | X | X | X | X | X | X | X | X | X | X | X | JAN-MAY | FEB-APR |
| | Silver seatrout | | | | X | X | X | X | X | X | X | X | X | X | X | X | | MAY-OCT |
| | Ladyfish | | | | | | | X | X | X | X | X | X | X | | | | SEP-OCT |
| | Tarpon | | | | X | X | X | X | X | X | X | X | X | X | X | X | | APR-JUL |
| | Southern kingfish (whiting) | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUL-NOV |
| | Gulf kingfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 851 | Star drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Blennies | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Snook | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-JUL |
| | Pigfish | | | | X | | | | X | X | X | X | X | X | X | X | | MAR-APR |
| | Rays | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Atlantic threadfin | | | | X | X | X | X | X | X | X | X | X | X | X | X | | DEC-APR |
| | Soles | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Inshore lizardfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | ALLYEAR |
| | Florida pompano | | | | X | X | X | X | X | X | X | X | X | X | X | X | | FEB-OCT |
| | Crevalle jack | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-NOV | MAR-SEP |
| 852 | Mackerels | | | | | | X | X | X | X | X | X | X | X | | | | |
| | Spanish mackerel | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Sergeant major | | | | X | X | X | X | X | X | X | X | X | X | X | X | | ALLYEAR |
| | Gray triggerfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | OCT-DEC |
| | Blue runner | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | JAN-AUG |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

Fish

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | LARV/JUV | SPAWNING |
|--------|-----------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| | Atlantic spadefish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | MAY-SEP |
| | Atlantic bumper | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Little tunny | | | | X | X | X | X | X | X | X | X | X | X | X | X | | APR-NOV |
| | Grunts | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Scaled sardine | | | | X | X | X | X | X | X | X | X | X | X | X | X | | FEB-JUL |
| | Gray snapper | | | | X | X | X | X | X | X | X | X | X | X | X | X | APR-NOV | JUN-SEP |
| | Snappers | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Goatfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Leatherjacket | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Harvestfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Gulf butterfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | |
| | Bluefish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | SEP-NOV |
| | Atlantic moonfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Groupers | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Longspine porgy | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Atlantic needlefish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-AUG |
| | Permit | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Atlantic cutlassfish | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Southern hake | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 838 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| 839 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Sheepshead | | | | X | X | X | X | X | X | X | X | X | X | X | X | JAN-MAY | FEB-APR |
| | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| 842 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| | Snook | | | | X | X | X | X | X | X | X | X | X | X | X | X | | JUN-JUL |
| 843 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| 845 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Black drum | | | | X | X | X | X | X | X | X | X | X | X | X | X | ALLYEAR | DEC-MAY |
| 847 | Native fish community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Gars | | | | X | X | X | X | X | X | X | X | X | X | X | X | | MAY-AUG |

Invertebrate

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | LARV/JUV | SPAWNING |
|--------|----------------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|
| 15 | Ghost crab | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 307 | Eastern oyster | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JAN | MAR-NOV |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 5 | Molluscs | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Echinoderms | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Cnidarians | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Polychaetes | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Mantis shrimp | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 838 | Eastern oyster | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JAN | MAR-NOV |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 839 | Eastern oyster | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JAN | MAR-NOV |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 842 | Gulf grassflat crab | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 843 | Echinoderms | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Ctenophores | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Cnidarians | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 845 | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |
| 847 | Native shrimp and crab community | | | | X | X | X | X | X | X | X | X | X | X | X | X | | |

Mammal

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | LARV/JUV | SPAWNING | MATING | CALVING |
|--------|---------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|----------|----------|---------|---------|
| 307 | Bottlenose dolphin | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-MAY | JUL-AUG | JAN-DEC | JAN-DEC |
| | West Indian manatee | | E | LOW | | | X | X | X | X | X | X | X | X | X | | | | | |
| 5 | Bottlenose dolphin | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-MAY | JUL-AUG | JAN-DEC | JAN-DEC |
| 838 | West Indian manatee | | E | LOW | | | X | X | X | X | X | X | X | X | X | | | | | |
| 839 | Bottlenose dolphin | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-MAY | JUL-AUG | JAN-DEC | JAN-DEC |
| | West Indian manatee | | E | LOW | | | X | X | X | X | X | X | X | X | X | | | | | |
| 842 | West Indian manatee | | E | LOW | | | X | X | X | X | X | X | X | X | X | | | | | |
| 843 | Bottlenose dolphin | | | | X | X | X | X | X | X | X | X | X | X | X | X | MAR-MAY | JUL-AUG | JAN-DEC | JAN-DEC |
| | West Indian manatee | | E | LOW | | | X | X | X | X | X | X | X | X | X | | | | | |

Reptile

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | NESTING | LAYING | HATCHING | LARV/JUV |
|--------|----------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 15 | Loggerhead sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| 307 | Green sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Texas diamondback terrapin | C | | | X | X | X | X | X | X | X | X | X | X | X | X | MAY-JUL | MAY-JUL | APR-AUG | |

Reptile

| RARNUM | NAME | S | F | CONC | J | F | M | A | M | J | J | A | S | O | N | D | NESTING | LAYING | HATCHING | LARV/JUV |
|--------|-------------------------------|---|---|------|---|---|---|---|---|---|---|---|---|---|---|---|---------|---------|----------|----------|
| 5 | Loggerhead sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Green sea turtle | | T | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| | Leatherback sea turtle | | E | LOW | X | X | X | X | X | X | X | X | X | X | X | X | | | | ALLYEAR |
| | Atlantic hawksbill sea turtle | | E | LOW | | | | X | X | X | X | X | X | X | | | | | | APR-OCT |
| | Kemp's ridley sea turtle | | E | | X | X | X | X | X | X | X | X | X | X | X | X | APR-AUG | | MAY-OCT | ALLYEAR |
| 837 | American alligator | | | | X | X | X | X | X | X | X | X | X | X | X | X | JUN-SEP | JUN-DEC | JUN-DEC | ALLYEAR |

| | | | | |
|--------------------------|------------------------------|---------------------------|-----------------------------|-----------------------|
| 8. Site Number: 249-B | 9. Quad Name Green Island | 10. NOAA Chart # 11303 | 11. GLO Atlas Page # 249 | 12. County Cameron |
|--------------------------|------------------------------|---------------------------|-----------------------------|-----------------------|

| | |
|--------------------------------------|-----|
| 15. Longitude From: 97° 19' 29" W | To: |
|--------------------------------------|-----|

| |
|------------------------|
| 18. Boat Type |
| Shallow draft/ Airboat |

| |
|---------------------------------------|
| 21. Closest Helo Spot |
| Port Isabel Cameron County Airport |

| | |
|------------------------|------------------------|
| 24. Width of inlet | .25 mi (island length) |
| in ft. | |
| 25. Water depth in ft. | 2-3 ft |
| 26. Current | Low |
| 27. No. of Personnel | 3-6 |

[illegible]

| | | |
|------------------|---------------------------------------|------------------------|
| 29. Prepared By: | 30. Reviewed by (PSC) | 31. Reviewed by (OSC): |
| Assignment List | ICS 204 OS (Geographic Response Plan) | Project Updated: |

"Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations."

SAFETY NOTE: Shallow water and highly fished area. Moderate to high traffic in the Intracoastal waterway.

| | | | | | |
|---|------------------------------|--|-----------------------------------|--|-----|
| 8. Site Number: 249-C | 9. Quad Name Green Island | 10. NOAA Chart # 11303 | 11. GLO Atlas Page # 249 | 12. County Willacy | |
| 13. Site Information: El Morro Bay El Morro Island (Bay) is located north of the Arroyo Colorado entrance into the Laguna Madre. This area is a shallow bay with extensive sea grass throughout the bay. Site is encompasses Black mangrove marsh, and exposed tidal flats. | | | | 14. Latitude From: 26.38 N | To: |
| | | | | 15. Longitude From: 097.34 W | To: |
| 16. Closest Boat Ramp Adolph Thomae Jr. Co. Park | | | 17. Distance From Ramp 4.63 nm | 18. Boat Type Airboat | |
| 19. Directions From Local Sector Hwy 77 south exit Hwy 100. East on Hwy 100 to N. Arroyo Blvd. North on Arroyo Blvd. to Marshall Hutts Rd. at end. East on Marshall Hutts Rd. to Adolph Thomae Park at East end of road. Vessel need to access water way. | | | | 20. Closest Airport Port Isabel Cameron Co. Airport | |
| | | | | 21. Closest Helo Spot Port Isabel Cameron Co. Airport | |
| 22. Trustee/Contact Numbers | | 23. Resources at Risk Atlas Priority High Environmental High Economic High | | 24. Width of inlet 620' in ft. | |
| USCG: 956-364-7400 RRC: 512-463-6788 | | | | 25. Water depth in ft. 1'-2' | |
| USCG DUTY: 956-592-0544 TPWD: 713-869-5001 | | | | 26. Current Medium | |
| TGLO: (800) 832-8224 NRDA: (512) 463 -9309 | | | | 27. No. of Personnel 6 | |
| TCEQ: 956-778-5423 USFWS: 956-748-3607 | | | | | |

Deflection boom for the pass to El Morro Island (Bay) to direct product away from sensitive areas. Provide daily boom maintenance during tidal, wind, and other climatological changes.



| | | |
|---|---------------------------------------|------------------------|
| 29. Prepared By: | 30. Reviewed by (PSC) | 31. Reviewed by (OSC): |
| Assignment List | ICS 204 OS (Geographic Response Plan) | Project Updated: |
| "Response strategies may need to be modified to account for changes due to seasonality, weather conditions, spill characteristics, tides and any other considerations." | | |