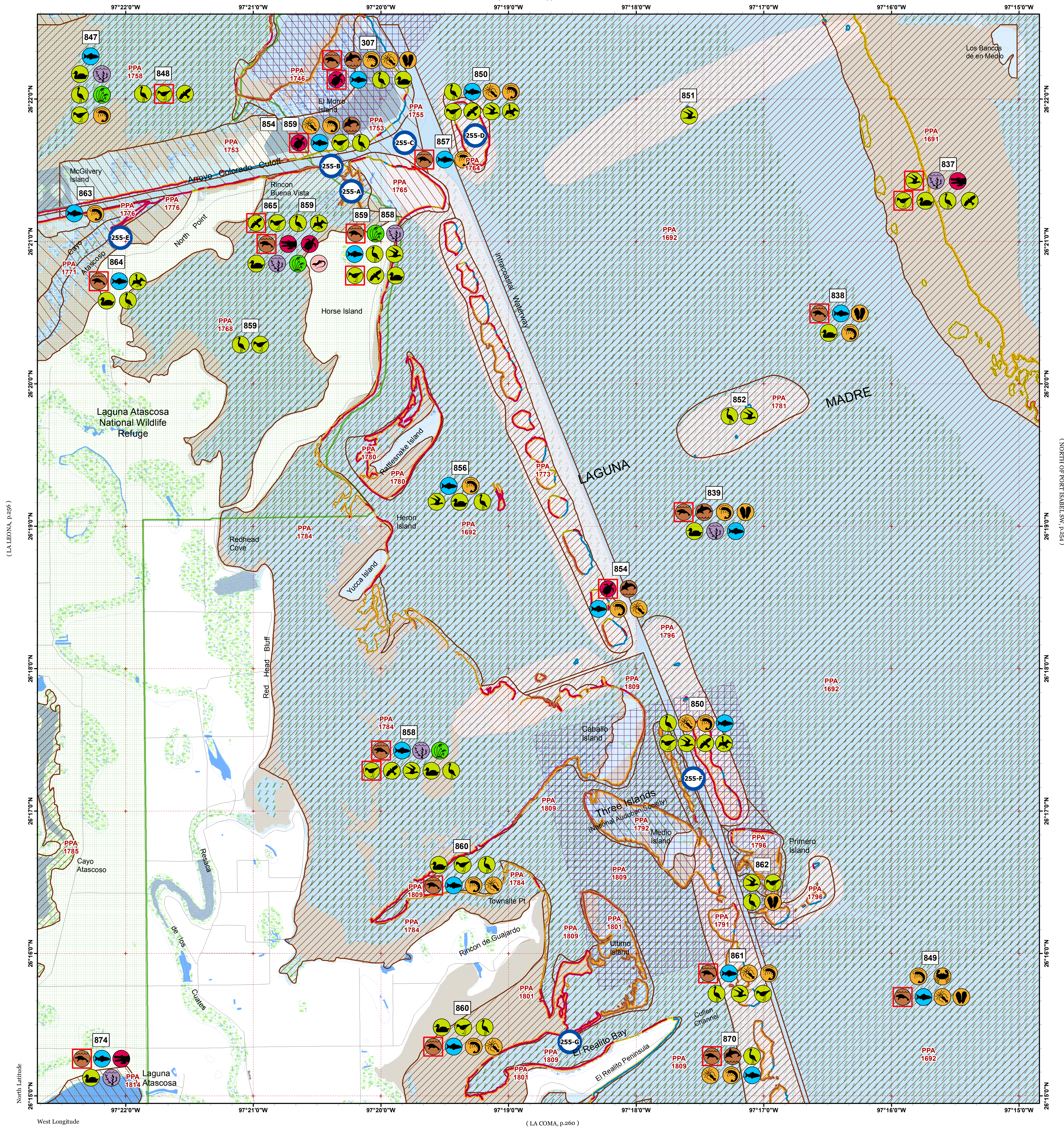


# THREE ISLANDS

( GREEN ISLAND, p.249 )

Click Here or Scroll Down for Associated Map Data

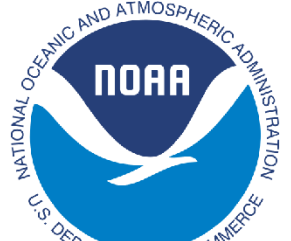
Click on the Geographic Response Plan Target to View the ICS Form



( LA LEGONA, p.256 )

( NORTH OF PORT ISABEL, SW, p.254 )

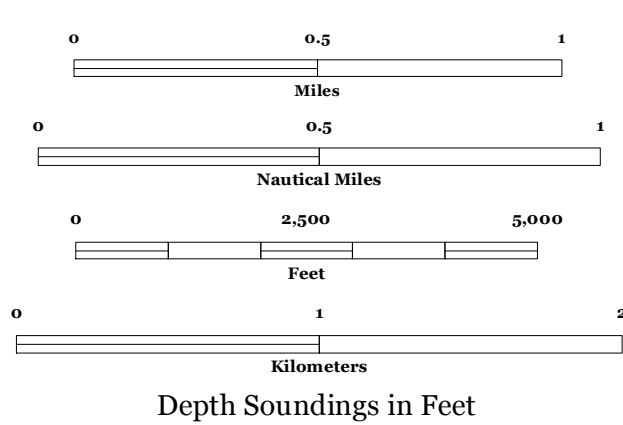
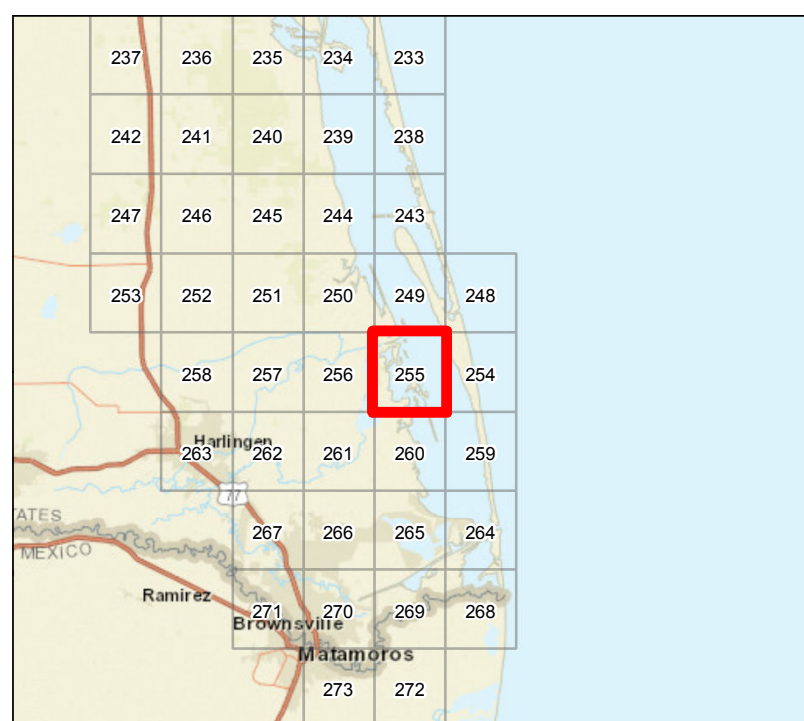
( LA COMA, p.260 )



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

- Road
- GIWW
- Wildlife Refuge
- Audubon Sanctuaries
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Intertidal Scrub/Shrub
- Beach or Tidal Flat
- Exposed Lake Shore
- Freshwater Marshes
- Willow Thickets
- Lake / Pond
- County Boundary

## Priority Protection Areas

- HIGH
- MEDIUM
- LOW

## Species Icons Within Map Quad

- Amphibian
- Alligator
- Turtle
- Turtle T/E
- Benthic Marine
- Bivalve
- Cephalopod
- Crab
- Shrimp
- Fish
- Fish T/E
- Dolphin
- Mammal T/E
- Marsh
- Plant
- Diving Bird
- Gull/Tern
- Gull/Tern T/E
- Raptor
- Raptor Endangered
- 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: **THREE ISLANDS**

Map # :255

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
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)
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)
PPA1755	LOW	Intracoastal Waterway and Arroyo Colorado Cutoff			Important shrimp nursery, recreational fishing, crabbing; shrimp migration route	HIGH		
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
PPA1764	HIGH	Arroyo Colorado spoil islands	HIGH	Rookery (618-180) with numbers of gulls, terns, herons, ibises, reddish egret	Nursery	LOW		
PPA1765	MEDIUM	Arroyo Colorado spoil islands	HIGH	Rookery (618-180) with numbers of gulls, terns, herons, ibises, reddish egret	Nursery	LOW		Algal, sand and mud flats
PPA1768	HIGH	Inundated flats west of Horse Island (Laguna Atascosa NWR)	HIGH	Seasonal concentrations of piping and snowy plovers, other shorebirds, wading birds, reddish egrets; seom peregrine falcons			MEDIUM	Fringed by intermediate brackish marsh
PPA1771	MEDIUM	Cayo Atascoso	HIGH	Waterfowl, shorebirds, peregrine falcons	Nursery	HIGH		
PPA1773	HIGH	Arroyo Colorado spoil islands	HIGH	Rookery (618-180) with numbers of gulls, terns, herons, ibises, reddish egret	Nursery	LOW		
PPA1776	LOW	Flats surrounding Cayo Atascoso	HIGH	Shorebirds, waterfowl, peregrine falcon, white pelicans				Sand, mud and some algal mat
PPA1780	HIGH	Flats of Rattlesnake Island	HIGH	Many shorebirds, plovers, wading birds, reddish egrets, redheads	Nursery	HIGH		
PPA1781	HIGH	Four Islands spoil rookery	MEDIUM	Rookery (618-184) for terns, skimmer, gulls				
PPA1784	HIGH	Red Head Cove flats	HIGH	High numbers of shorebirds, piping plovers, snowy plovers, reddish egrets; 15-20,000 redheads, white pelicans, peregrine falcons				Algal, sand and mud flats
PPA1785	HIGH	Cayo Atascoso	HIGH	Shorebirds, waterfowl	Nursery (weir limits access by organisms); sport fishing prohibited	MEDIUM	HIGH	Brackish open water, with Ruppia and Chara
PPA1791	HIGH	Three Island spoil islands	HIGH	Colonial waterbird rookery (618-182) for laughing gull, terns, wading birds, skimmer	Important nursery	HIGH		
PPA1792	MEDIUM	Flats of Medio Island	HIGH		Nursery	HIGH		Sand flat, fringe marsh
PPA1796	HIGH	South Three Islands colonial waterbird rookery and Primero Island	MEDIUM	Rookery (618-183) for terns, skimmer, night-herons	Nursery	HIGH		Sand flat, fringe marsh
PPA1801	HIGH	Flats surrounding El Realito Bay	HIGH					Algal flats
PPA1809	HIGH	Laguna Madre west of ICW	HIGH	High seasonal waterfowl usage by redhead, wigeon, pintail, buffleheads, mergansers, coots, and others	Nursery area, recreational fishing	HIGH	HIGH	Moderate to dense seagrass (Halodule, Syringodium in deeper areas)
PPA1814	MEDIUM	Laguna Atascosa	HIGH	Waterfowl (canvasback, redhead, ruddy ducks)	Some nursery function; no sport fishing	LOW		Intermittent fresh to brackish lake; Ruppia, Chara, freshwater plants

Biological Resources

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
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				
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				

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
	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
838	Waterfowl			HIGH	X	X	X	X				X	X	X	X	X				
	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				
839	Redhead			HIGH	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				
	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				
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
847	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				
848	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				
	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
	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				
	Laughing gull			828	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Sooty tern					X	X	X	X	X	X	X	X	X						
	Royal tern			14	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Gull-billed tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP
	Sandwich tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	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				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Great blue heron			8	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Great egret			6	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Reddish egret			4	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Snowy egret	C		4	X	X	X	X	X	X	X	X	X	X	X	X				
	Tricolored heron	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
851	White-faced ibis				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-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
852	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Caspian tern			25	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUN	MAR-JUN	MAR-JUN	MAR-JUL
	Sooty tern					X	X	X	X	X	X	X	X	X						
	Royal tern			80	X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Gull-billed tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP
	Sandwich tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Shorebirds																			
	Terns				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	X	X	X				
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	American wigeon				X	X	X	X						X	X	X				
	Redhead				X	X	X	X	X					X	X	X				
	Mergansers				X	X	X	X						X	X	X				
	Terns				X	X	X	X	X	X	X	X	X	X	X	X				
	Osprey				X	X	X	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				
	Dunlin				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				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				
	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
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Black-necked stilt				X	X	X	X	X	X	X	X	X	X	X	X	APR–SEP	APR–SEP	APR–SEP	APR–SEP
	Waterfowl				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				
859	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
860	Shorebirds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X				
	Dunlin				X	X	X	X	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				

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
	Dowitchers				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				
	Northern pintail	C		HIGH	X	X	X	X				X	X	X	X	X				
	American wigeon				X	X	X	X						X	X	X				
	Redhead			HIGH	X	X	X	X	X					X	X	X				
	Mergansers				X	X	X	X						X	X	X				
	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Black skimmer	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	APR-SEP	APR-SEP	APR-SEP
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
861	Royal tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Gull-billed tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Sandwich tern				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Black-crowned night-heron				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			4	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Little blue heron				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
	Tricolored heron	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
862	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				
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
	Great blue heron			8	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
864	Pied-billed grebe				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-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
	Northern pintail	C			X	X	X	X				X	X	X	X	X				
	American wigeon				X	X	X	X						X	X	X				
	Mottled duck	C			X	X	X	X	X	X	X	X	X	X	X	X	JAN-AUG	JAN-AUG	JAN-AUG	FEB-SEP
	Redhead				X	X	X	X	X					X	X	X				
	American coot				X	X	X	X	X	X	X	X	X	X	X	X				
865	Migratory songbirds						X	X	X	X		X	X	X	X					
	Least grebe				X	X	X	X	X	X	X	X	X	X	X	X				
	Aplomado falcon		E	LOW	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				
	Sandhill crane				X	X	X	X					X	X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
870	Mottled duck	C			X	X	X	X	X	X	X	X	X	X	X	X	JAN-AUG	JAN-AUG	JAN-AUG	FEB-SEP
874	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				
	Redhead			HIGH	X	X	X	X	X					X	X	X				
	Canvasback				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

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		
	Atlantic tripletail							X	X	X	X	X	X	X				JUN-AUG
838	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
839	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	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
847	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	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
849	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
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Gulf toadfish				X	X	X	X	X	X	X	X	X	X	X	X		MAR-APR
	Spotfin mojarra				X	X	X	X	X	X	X	X	X	X	X	X		
850	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		
	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
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
854	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		
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	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
	Shad				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
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Finescale menhaden				X	X	X	X	X	X	X	X	X	X	X	X		
	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
856	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
857	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
860	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
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
861	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

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
863	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X		APR-JUL
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Gars				X	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
870	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
	Silver perch				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	APR-SEP
	Snook				X	X	X	X	X	X	X	X	X	X	X	X		JUN-JUL
	Rays				X	X	X	X	X	X	X	X	X	X	X	X		
	Spotfin mojarra				X	X	X	X	X	X	X	X	X	X	X	X		

Invertebrate

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
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		
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		
847	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
849	Bay scallop				X	X	X	X	X	X	X	X	X	X	X	X		AUG-OCT
	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		
850	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
854	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
856	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
857	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
860	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
861	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
862	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
863	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
870	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					
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					
849	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
854	Bottlenose dolphin				X	X	X	X	X	X	X	X	X	X	X	X	MAR-MAY	JUL-AUG	JAN-DEC	JAN-DEC
857	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
858	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
860	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
861	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
864	West Indian manatee		E	LOW			X	X	X	X	X	X	X	X	X					
865	Ocelot		E	LOW	X	X	X	X	X	X	X	X	X	X	X	X				
870	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					
874	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
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	
837	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
854	Green sea turtle		T	LOW	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG		MAY-OCT	ALLYEAR
865	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR
	Black-striped snake			LOW	X	X	X	X	X	X	X	X	X	X	X	X				
	Texas tortoise				X	X	X	X	X	X	X	X	X	X	X	X	JUN-JUL			
874	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN-SEP	JUN-DEC	JUN-DEC	ALLYEAR



**SAFETY NOTE:** High vessel traffic in the Arroyo Colorado and the Intracoastal Water Way.

8. Site Number: 255-A	9. Quad Name Three Islands	10. NOAA Chart # 11303	11. GLO Atlas Page # 255	12. County Cameron	
13. Site Information: <b>Rincon Beuna Vista</b> Rincon Beuna Vista is small bay between Horse Island and the Lower Laguna Madre. This site is encompassed by black mangroves and tidal flats. Rincon Beuna Vista's fringe encompasses the Laguna Atascosa National Wildlife Refuge.				14. Latitude From: 26 21' 11" N	To:
				15. Longitude From: 097 20' 21" W	To:
16. Closest Boat Ramp Adolph Thomae Jr. Co. Park			17. Distance From Ramp 2.94 nm	18. Boat Type Flat Bottom Boat	
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 <b>High</b>  Economic        Medium		24. Width of inlet    275'	
USCG:            956-364-7400            RRC:            512-463-6788				in ft.	
USCG DUTY:    956-592-0544            TPWD:           713-869-5001				25. Water depth in ft.    1' - 2'	
TGLO:            (800) 832-8224            NRDA:           (512) 463 -9309				26. Current    Medium	
TCEQ:            956-778-5423            USFWS:           956-748-3607				27. No. of Personnel    4	

Containment boom of the entrance to Rincon Buena Vista channel to exclude product from entering the surrounding sensitive areas.



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."		

1. Incident Name		2. Operational Period (Date/Time)		Assignment List ICS 204-OS			
3. Branch			4. Division/Group				
5. Operations Personnel							
Operations Section Chief _____							
Branch Director _____							
Division/Group Supervisor _____							
6. Resources Assigned This Period "X" Indicates 204a attachment with special instructions							
Resource Identifier		Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks		
7. Assignments							
SAFETY NOTE: High vessel traffic area within the Intracoastal waterway.							
8. Site Number: 255-B		9. Quad Name Three Islands		10. NOAA Chart # 11303			
				11. GLO Atlas Page # 255			
				12. County Cameron			
13. Site Information: <b>Rincon Mangroves</b> Mangrove fringe west of the entrance to Rincon Buena Vista				14. Latitude From: 26.36 N		To:	
				15. Longitude From: 097.34 W		To:	
16. Closest Boat Ramp Adolph Thomae Jr. Co. Park				17. Distance From Ramp 2.94 nm		18. Boat Type Flat Bottom Boat	
19. Directions From Local Sector Hwy 77 south exit Hwy 100. East on Hwy 100 to N. Arroyo Blvd. to Marshall Hutts Rd. East on Marshall Hutts Rd. to Adolph Thomae Park. Airboat/ shallow hull needed to access cut.				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		24. Width of inlet 1,000'			
USCG: 956-364-7400 RRC: 512-463-6788		Atlas Priority High		in ft.			
USCG DUTY: 956-592-0544 TPWD: 713-869-5001		Environmental <b>High</b>		25. Water depth in ft. 1'-2'			
TGLO: (800) 832-8224 NRDA: (512) 463-9309		Economic High		26. Current Medium			
TCEQ: 956-778-5423 USFWS: 956-748-3607				27. No. of Personnel 4			
25. Booming Strategy <b>Recommendation</b> Protection boom for black mangroves at the fringe of Rincon Buena Vista inlet							
AERIAL PHOTO							
ON SITE PHOTO							
							
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."							

8. Site Number: 255-C	9. Quad Name Three Islands	10. NOAA Chart # 11303	11. GLO Atlas Page # 255	12. County Cameron	
13. Site Information: <b>Entrance to the Arroyo Colorado</b> Entrance to Arroyo Colorado opens to the Lower Laguna Madre. The Arroyo Colorado is an ancient distributary of the Rio Grande River, and serves as drainage for crop irrigation, municipal wastewater returns, and as a floodway during periods of rain.				14. Latitude From: <b>26° 21' 41" N</b>	To:
				15. Longitude From: <b>97° 19' 49" W</b>	To:

16. Closest Boat Ramp Adolph Thomae Jr. County Park	17. Distance From Ramp 3.35 nm	18. Boat Type Shallow hull
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<p><b>19. Directions From Local Sector</b></p> <p>Hwy 77 south exit Hwy 100. East on Hwy 77 to N. Arroyo Blvd. North on Arroyo Blvd. to Marshall Hutts Rd at end. East on Marshall Hutts Rd. to Adolph Thomae Park at end. Boat needed to access channel.</p>	<p><b>20. Closest Airport</b></p> <p>Port Isabel Cameron County Airport</p>
	<p><b>21. Closest Helo Spot</b></p> <p>Port Isabel Cameron County Airport</p>

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet	2,191 ft
USCG: 956-364-7400 RRC: 512-463-6788	Atlas Priority High	in ft.	
USCG DUTY: 956-592-0544 TPWD: 713-869-5001	Environmental <b>High</b>	25. Water depth in ft.	10 ft
TGLO: (800) 832-8224 NRDA: (512) 463 -9309		26. Current	High
TCEQ: 956-778-5423 USFWS: 956-748-3607	Economic High	27. No. of Personnel	3-6

25. Booming Strategy	<b>Recommendation</b>
Deflection boom of the entrance to Arroyo Colorado to direct product away from sensitive area.	



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:** High vessel traffic within the Intracoastal Waterway

8. Site Number: 255-E	9. Quad Name Three Islands	10. NOAA Chart # 11303	11. GLO Atlas Page # 255	12. County Cameron	
13. Site Information: <b>Cayo Atascoso</b> Cayo Atascoso is a small slough from the Atascosa Wildlife Refuge. This slough is the out flow for the Atascosa bay within the Federal Wildlife Refuge.				14. Latitude From: 26.35 N	To:
				15. Longitude From: 097.36 W	To:
16. Closest Boat Ramp Adolph Thomae Co. Park			17. Distance From Ramp 1.6 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 USCG:           956-364-7400           RRC:       512-463-6788 USCG DUTY:   956-592-0544           TPWD:     713-869-5001 TGLO:           (800) 832-8224           NRDA:     (512) 463 -9309 TCEQ:           956-778-5423           USFWS:    956-748-3607		23. Resources at Risk Atlas Priority   High  Environmental <b>High</b>  Economic       High		24.Width of inlet   130' in ft. 25. Water depth in ft.   1'-2' 26. Current   Medium 27. No. of Personnel   4	

Containment boom of the entrance to Cayo Atascoso exclude product from entering the sensitive area. Provide daily boom maintenance during tidal, wind, and other climatological changes.



ON SITE PHOTO

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: 255-F	9. Quad Name Three Islands	10. NOAA Chart # 11303	11. GLO Atlas Page # 255	12. County Cameron	
13. Site Information: <b>Three Islands</b> The Three Islands, a bird rookery that is part of the National Audubon Society, are Caballo Island, Medio Island and Primero Island. On the west side is a shallow sea grassy area that contains a high number of aquatic life. Site compasses a salt marsh.				14. Latitude From: <b>26° 16' 35" N</b>	To:
				15. Longitude From: <b>97° 17' 25" W</b>	To:
16. Closest Boat Ramp Adolph Thomae Jr. County Park			17. Distance From Ramp 9 nm	18. Boat Type Shallow hull / Airboat	
19. Directions From Local Sector Hwy 77 south exit Hwy 100. East on Hwy 77 to N. Arroyo Blvd. North on Arroyo Blvd. to Marshall Hutts Rd at end. East on Marshall Hutts Rd. to Adolph Thomae Park at end. Boat needed to access islands.				20. Closest Airport Port Isabel Cameron County Airport	
				21. Closest Helo Spot Port Isabel Cameron County Airport	
22. Trustee/Contact Numbers		23. Resources at Risk		24. Width of inlet .45 mi (Island width) in ft.	
USCG:	956-364-7400	RRC:	512-463-6788	25. Water depth in ft. 1-3 ft	
USCG DUTY:	956-592-0544	TPWD:	713-869-5001	26. Current Medium	
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309	27. No. of Personnel 3-6	
TCEQ:	956-778-5423	USFWS:	956-748-3607		
		Atlas Priority High			
		Environmental <b>High</b>			
		Economic High			

Deflection boom of Three Islands to direct product away from bird rookery island.



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."		

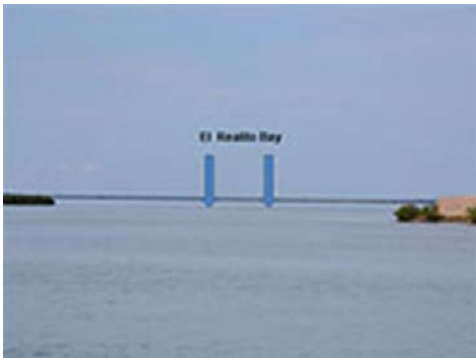


**SAFETY NOTE:** Shallow water and highly fished area. Moderate to high traffic area in the Intracoastal Waterway.

8. Site Number: 255-G	9. Quad Name Three Islands	10. NOAA Chart # 11303	11. GLO Atlas Page # 255	12. County Cameron	
13. Site Information: <b>El Realito Bay</b> El Realito Bay				14. Latitude From: 26.25 N	To:
				15. Longitude From: 097.29 W	To:
16. Closest Boat Ramp Adolph Thomae Jr. Cameron Co. Park			17. Distance From Ramp 9.85 nm	18. Boat Type Flat Bottom Boat	
19. Directions From Local Sector Hwy 77 south exit Hwy 100. East on Hwy 77 to N. Arroyo Blvd. North on Arroyo Blvd. to Marshall Hutts Rd at end. East on Marshall Hutts Rd. to Adolph Thomae Park at end. Boat needed to access islands.				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	24. Width of inlet 1,031'
USCG: 956-364-7400 RRC: 512-463-6788	Atlas Priority High	in ft.
USCG DUTY: 956-592-0544 TPWD: 713-869-5001	Environmental <b>High</b>	25. Water depth in ft. 1'-3'
TGLO: (800) 832-8224 NRDA: (512) 463 -9309		26. Current Slow
TCEQ: 956-778-5423 USFWS: 956-748-3607	Economic High	27. No. of Personnel 6

Deflection boom for the pass to El Realito 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."		