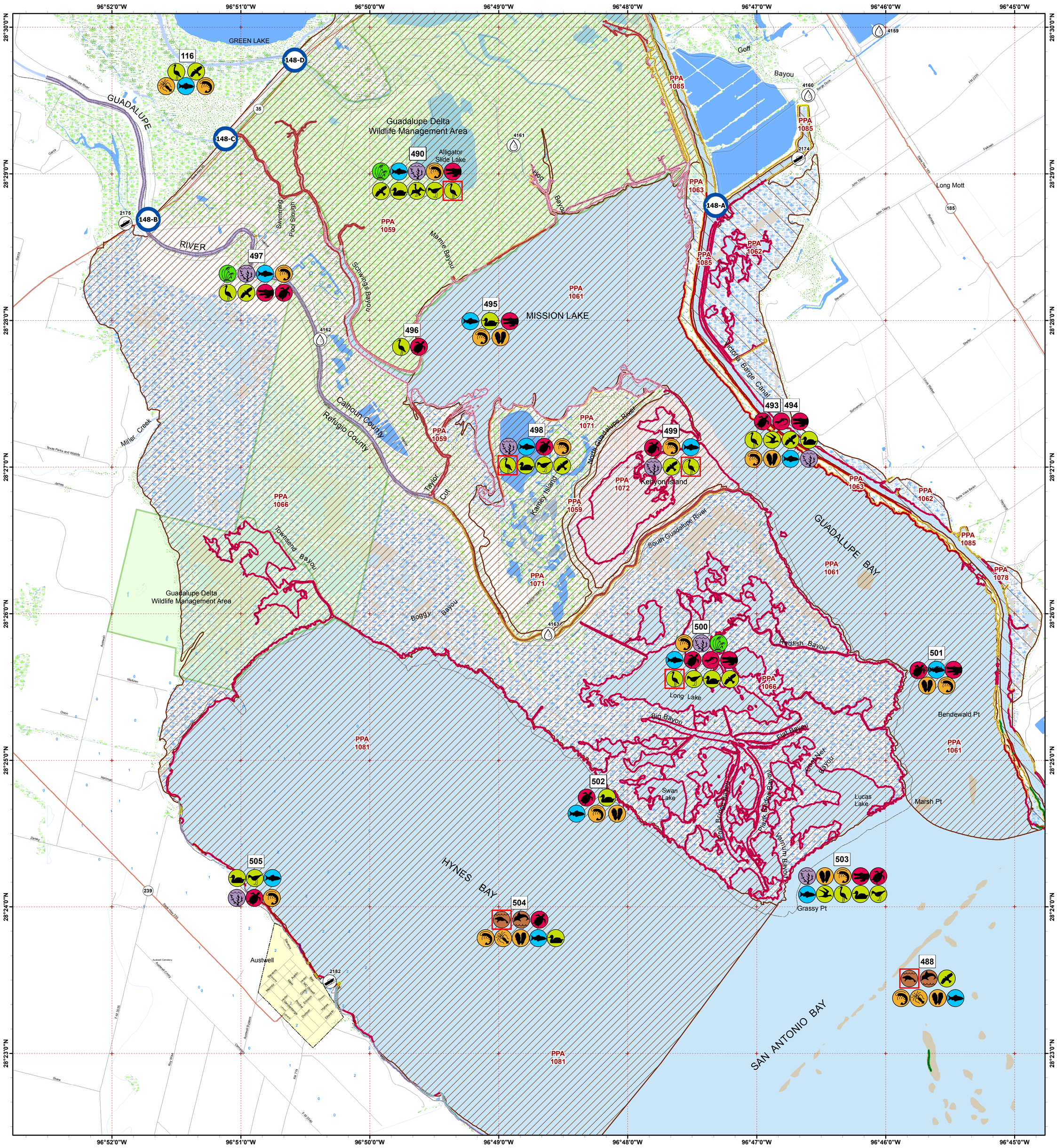
AUSTWELL

(GREEN LAKE, p.141)

Click Here or Scroll Down for Associated Map Data

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



(TIVOLI, p.149)

(SEADRIFT, p.147)

North Latitude

West Longitude

(TIVOLI SE, p.155)

TEXAS GENERAL LAND OFFICE OIL SPILL PREVENTION & RESPONSE

NOAA — NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION — U.S. DEPARTMENT OF COMMERCE

Oil Spill Planning and Response Atlas

2016

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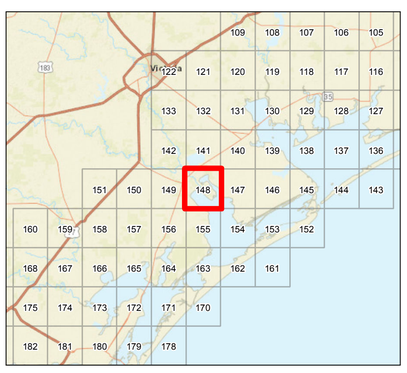

0 0.5 1 Miles

0 0.5 1 Nautical Miles

0 2,500 5,000 Feet

0 1 2 Kilometers

Depth Soundings in Feet

Human Use Features

- Boat Ramp
- Water Intake
- Geographic Response Plan

Priority Protection Areas

- HIGH
- LOW

Map Base Layers

- State Highway
- Railroads
- Road
- GIWW
- State Parks/WMA's
- Oysters
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Intertidal Scrub/Shrub
- Beach or Tidal Flat
- Exposed Lake Shore
- Freshwater Marshes
- Swamps and Flooded Woodlands
- Willow Thickets
- Lake / Pond
- Tidally Influenced River
- Perennial River
- County Boundary
- City Limits

Species Icons Within Map Quad

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

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Quadrant: AUSTWELL

Map # :148

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
PPA1059	HIGH	Guadalupe Delta Wildlife Management Area	HIGH	High waterfowl usage on eastern side; wood stork, American alligator, snakes, frogs	Freshwater marsh with fresh and saltwater species throughout.	HIGH	HIGH	Water hyacinth, black willow, Juncus effusus, Phragmites, Borrichia, Paspalum, cattail.
PPA1061	HIGH	Guadalupe Bay and Mission Lake	MEDIUM	American alligator, waterfowl usage area	Oligohaline area with freshwater and saltwater species (white and brown shrimp, blue crab, Fundulus sp., sport fishes)	HIGH	LOW	Patchy Spartina alterniflora fringe marsh
PPA1062	LOW	Marsh east of Victoria Barge Canal	MEDIUM	Shorebirds, wading birds and waterfowl.			LOW	Intermediate marsh consisting of large stands of Phragmites and Spartina patens moving to upland trees, shrubs and grasses.
PPA1063	LOW	Land between Guadalupe Bay and Victoria Barge Canal	LOW	Shorebirds, wading birds and American alligator			LOW	Intermediate to high marsh with Juncus effusus, Phragmites australis, cattail, black willow.
PPA1066	HIGH	Guadalupe Delta and east side of Hynes Bay	HIGH	Shorebirds, wading birds, waterfowl including geese, white pelicans. Diamondback terrapins, Gulf salt marsh snake, high American alligators	fish and invertebrate nursery	HIGH	HIGH	Fresh interior with marsh elder, Borrichia, Phragmites; Spartina alterniflora fringe marsh.
PPA1071	HIGH	Kenyon and Kamey Islands	MEDIUM	Waterfowl, colonial waterbird rookery (snowy egret, roseate spoonbill, other wading birds) (609-261), American alligator.			HIGH	Freshwater marsh with Phragmites, palmetto and Naias.
PPA1072	HIGH	Kenyon and Kamey Islands	MEDIUM	Waterfowl, colonial waterbird rookery (snowy egret, roseate spoonbill, other wading birds) (609-261), American alligator.			HIGH	Freshwater marsh with Phragmites, palmetto and Naias.
PPA1078	LOW	Marsh east of Victoria Barge Canal	MEDIUM	Shorebirds, wading birds and waterfowl.			LOW	Intermediate marsh consisting of large stands of Phragmites and Spartina patens moving to upland trees, shrubs and grasses.
PPA1081	HIGH	Hynes Bay	LOW	Waterfowl	Rangia, oysters, shrimp (white, brown and grass), forage fishes, red drum.	HIGH		
PPA1085	LOW	Victoria Barge Canal	LOW	American alligator	Winter sheltering area for sport fishes including red drum, spotted seatrout, black drum, shrimp (white and brown), blue crab.	MEDIUM		

Biological Resources

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
116	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Roseate spoonbill			92	X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Great blue heron			36	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Cattle egret			42	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	APR-AUG
	Great egret			50	X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	JAN-MAR	FEB-APR	MAR-MAY
	Snowy egret	C		110	X	X	X	X	X	X	X	X	X	X	X	X				
488	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
490	Anhinga				X	X	X	X	X	X	X	X	X	X	X	X	APR–AUG	APR–AUG	APR–AUG	APR–AUG
	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Shorebirds			HIGH	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
	Whooping crane		E		X	X	X	X						X	X	X				
	Wood stork				X	X	X	X	X	X	X	X	X	X	X	X				
	Waterfowl			HIGH	X	X	X	X	X	X	X	X	X	X	X	X				
	Blue-winged teal				X	X	X	X	X	X		X	X	X	X	X	APR-MAY			
	Gadwall			HIGH	X	X	X	X					X	X	X	X				
491	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Whooping crane		E		X	X	X	X						X	X	X				
	Waterfowl				X	X	X	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
	Snow goose				X	X	X						X	X	X	X				
493	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Geese			HIGH	X	X	X	X						X	X	X				
494	Gulls				X	X	X	X	X	X	X	X	X	X	X	X				
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-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
495	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Geese			HIGH	X	X	X	X						X	X	X				
496	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG

Back To Map

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
497	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	MAR-JUL	MAR-JUL	MAR-AUG
498	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–SEP
	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
	Willet				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Whooping crane		E		X	X	X	X						X	X	X				
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
499	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–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				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Cattle egret			120	X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL	APR-JUL	APR-JUL	APR-AUG
	Little blue heron				X	X	X	X	X	X	X	X	X	X	X	X	APR–JUL	APR–JUL	APR–JUL	MAY–AUG
	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
	White ibis				X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
	Whooping crane		E		X	X	X	X						X	X	X				
500	Bald eagle				X	X	X	X	X	X	X	X	X	X	X	X	JAN–AUG	JAN–AUG	JAN–AUG	FEB–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				
	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
	Whooping crane		E		X	X	X	X						X	X	X				
	Waterfowl				X	X	X	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
	Teals				X	X	X	X					X	X	X	X				
	Geese				X	X	X	X						X	X	X				
	American white pelican	C		HIGH	X	X	X	X	X	X	X	X	X	X	X	X	FEB–AUG	FEB–AUG	FEB–AUG	MAR–SEP
502	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
503	Laughing gull				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Forster's tern				X	X	X	X	X	X	X	X	X	X	X	X	MAR-AUG	MAR-AUG	MAR-AUG	MAR-SEP
	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
	Roseate spoonbill				X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	Willet				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
	Tricolored heron	C			X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG	APR-AUG	APR-AUG	MAY-SEP
	White ibis				X	X	X	X	X	X	X	X	X	X	X	X	FEB-JUN	FEB-JUN	FEB-JUN	MAR-JUL
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Hooded merganser				X	X	X	X						X	X	X				
504	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
505	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				

Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
116	Native fish community				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
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Gray snapper				X	X	X	X	X	X	X	X	X	X	X	X	APR-NOV	JUN-SEP
488	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
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
490	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
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Bullhead catfish				X	X	X	X	X	X	X	X	X	X	X	X		MAY-JUL
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Smallmouth buffalo				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
	White crappie				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC
491	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
	Alligator gar				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Smallmouth buffalo			HIGH	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
	Largemouth bass				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Crappie				X	X	X	X	X	X	X	X	X	X	X	X		
493	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Gafftopsail catfish				X	X	X	X	X	X	X	X	X	X	X	X	MAY-SEP	MAY-AUG
	Black drum				X	X	X	X	X	X	X	X	X	X	X	X	ALLYEAR	DEC-MAY
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Smallmouth buffalo				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
494	Native fish community			HIGH	X	X	X	X	X	X	X	X	X	X	X	X		
495	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
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Smallmouth buffalo				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
497	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY

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Fish

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING
	Smallmouth buffalo				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
498	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
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Gars				X	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
499	Native fish community			HIGH	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
500	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Smallmouth buffalo				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
501	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
	Gars				X	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
502	Native fish community				X	X	X	X	X	X	X	X	X	X	X	X		
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Gars				X	X	X	X	X	X	X	X	X	X	X	X		MAY-AUG
503	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
504	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
505	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
	Gizzard shad				X	X	X	X	X	X	X	X	X	X	X	X	APR-SEP	MAR-AUG
	Blue catfish				X	X	X	X	X	X	X	X	X	X	X	X		APR-MAY
	Smallmouth buffalo				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
116	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
488	Eastern oyster			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Dwarf surf clam				X	X	X	X	X	X	X	X	X	X	X	X		MAY-NOV
	Amphipods				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		
	Polychaetes				X	X	X	X	X	X	X	X	X	X	X	X		
	Atlantic brief squid				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		
490	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
491	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Brackishwater clam				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		
493	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Brackishwater clam				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		
494	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		
495	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Brackishwater clam				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		
497	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
498	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
499	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
500	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		
501	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Brackishwater clam				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		
502	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Brackishwater clam				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		
503	Eastern oyster				X	X	X	X	X	X	X	X	X	X	X	X	MAY-JAN	MAR-NOV
	Brackishwater clam				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		
504	Brackishwater clam			HIGH	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		
505	Native shrimp and crab community				X	X	X	X	X	X	X	X	X	X	X	X		

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Marine Mammal

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	LARV/JUV	SPAWNING	MATING	CALVING
488	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					
504	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
490	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
491	American alligator			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
493	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
494	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
	Gulf salt marsh snake				X	X	X	X	X	X	X	X	X	X	X	X				
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
495	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
496	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
497	American alligator				X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
498	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
499	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
500	American alligator			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
	Gulf salt marsh snake				X	X	X	X	X	X	X	X	X	X	X	X				
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
501	American alligator			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
502	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
503	American alligator			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JUN–SEP	JUN–DEC	JUN–DEC	ALLYEAR
	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
504	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	
505	Texas diamondback terrapin	C			X	X	X	X	X	X	X	X	X	X	X	X	MAY-JUL	MAY-JUL	APR-AUG	

Human Use Resources

Boat Ramp	RARNUM	NAME	CONTACT	CONTACT INFO
	2174	Carbide Cut		
	2175	HWY 35 ROW		calhounguad@hwy35
	2182	Austwell		
Water Intake	**RARNUM**	**NAME**	**CONTACT**	**CONTACT INFO**
	4159	UNION CARBIDE SEADRIFT PLANT		
	4160	GUADALUPE-BLANCO RA, ET AL		
	4161	TX PARKS & WILDLIFE DEPT		
	4162	DEL & GLORIA WILLIAMS		
	4163	BRETT BRATCHER		

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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 attachement with special instructions

Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	

7. Assignments

SAFETY NOTE: Industry and recreational fishing area. Moored and underway barges may be in the area. Watch for debris on and under the water line. Be aware of alligators, snakes, and high concentrations of mosquitoes

8. Site Number:	9. Quad Name	10. NOAA Chart #	11. GLO Atlas Page #	12. County
148-A	Austwell	11315	148	Calhoun

13. Site Information: 148-A
Carbide cut intersects the Victoria Barge Canal. Recreational fishing and barge traffic may be present. This cut has marsh on both shorelines

14. Latitude From: 28 28' 44" To:

15. Longitude From: 96° 47' 18" To:

16. Closest Boat Ramp
Carbide Cut boat ramp

17. Distance From Ramp
1,300 yards

18. Boat Type
Shallow draft work boats.

19. Directions From Local Sector
Head South on State Highway 35. Turn onto South 185 at the yellow flashing light. Continue for 2.4 miles. Turn right onto Gbr Rd. Follow down to the boat ramp. Cut is located at the intersection of Carbide Cut and The Victoria Barge Channel

20. Closest Airport
Port Lavaca Airport

21. Closest Helo Spot
Martin Midstream Port O'Connor

22. Trustee/Contact Numbers

USCG:	361-582-0362	RRC:	210-227-1313
USCG DUTY:	361-533-0087	TPWD:	361-658-3181
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309
TCEQ:	361-825-3100	USFWS:	361-286-3559

23. Resources at Risk

Atlas Priority	High
Environmental	HIGH Threatened and Endangered Species, WMA's
Economic	HIGH Hunting, Fishing, Seafood I

24.Width of inlet in ft. 800'
25. Water depth in ft. 5' - 25'
26. Current .5 - 1.0 knots
27. No. of Personnel 2-4

25. Booming Strategy **Recommendation**
Booming strategy will depend on current conditions. Several small cuts are included in this 204. Location of spill will also dictate booming strategy

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."

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Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	

7. Assignments

SAFETY NOTE: Swift currents and steep banks. Snags and fallen trees may pose a safety threat. Be aware of alligators, snakes, and high concentrations of mosquitoes. Be aware of traffic on bridge

8. Site Number:	9. Quad Name	10. NOAA Chart #	11. GLO Atlas Page #	12. County
148-B	Austwell	11315	148	Calhoun

13. Site Information: 148-B
Bridge height off water is approximately 5-10 feet. Water depth is approximately 10-20 feet. Current is dependent on rainfall upstream. Expect swift current and slight flood conditions if heavy precipitation has fallen in the past two weeks

14. Latitude From: 28 28' 41" To:

15. Longitude From: 96 51' 46" To:

16. Closest Boat Ramp	17. Distance From Ramp	18. Boat Type
Guadalupe River Dr.	450 Yards up stream	Shallow draft work boats.

19. Directions From Local Sector
Head South on State Highway 35 approximately 18 miles.

20. Closest Airport
Port Lavaca Airport

21. Closest Helo Spot
Martin Midstream Port O'Connor

22. Trustee/Contact Numbers

USCG:	361-582-0362	RRC:	210-227-1313
USCG DUTY:	361-533-0087	TPWD:	361-658-3181
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309
TCEQ:	361-825-3100	USFWS:	361-286-3559

23. Resources at Risk

Atlas Priority	High
Environmental	HIGH Threatened and Endangered Species, WMA's
Economic	HIGH Hunting, Fishing, Seafood I

24.Width of inlet in ft. 155'
25. Water depth in ft. 10' - 20'
26. Current 0 - 10 knots
27. No. of Personnel 2-4

25. Booming Strategy **Recommendation**
Deflection booming and collection points.

AERIAL PHOTO

ON SITE PHOTO

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Division/Group Supervisor

6. Resources Assigned This Period — "X" Indicates 204a attachement with special instructions

Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	

7. Assignments

SAFETY NOTE: Swift currents and thick vegetation. Watch for large pieces of debris on and under the water line. Snags and fallen trees may pose a safety threat. Be aware of alligators, snakes, and high concentrations of mosquitoes

8. Site Number:	9. Quad Name	10. NOAA Chart #	11. GLO Atlas Page #	12. County
148-C	Austwell	11315	148	Calhoun

13. Site Information: 148-C
Bridge height off water is approximately 5-8 feet. Water depth is approximately 5-10 feet. Current is dependent on rainfall upstream within the past two weeks. Water lilies may make boat maneuvering difficult

14. Latitude From: 28 29' 15" To:

15. Longitude From: 96 51' 04.60" To:

16. Closest Boat Ramp
Guadalupe River Dr.

17. Distance From Ramp
1000 yards upstream

18. Boat Type
Shallow draft work boats. No canopies

19. Directions From Local Sector
Head South on State Highway 35 approximately 18 miles.

20. Closest Airport
Port Lavaca Airport

21. Closest Helo Spot
Martin Midstream Port O'Connor

22. Trustee/Contact Numbers

USCG:	361-582-0362	RRC:	210-227-1313
USCG DUTY:	361-533-0087	TPWD:	361-658-3181
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309
TCEQ:	361-825-3100	USFWS:	361-286-3559

23. Resources at Risk

Atlas Priority	High
Environmental	HIGH Threatened and Endangered Species, WMA's
Economic	HIGH Hunting, Fishing, Seafood I

24.Width of inlet in ft. 100'
25. Water depth in ft. 5' - 10'
26. Current 0-5 knots
27. No. of Personnel 2-4

25. Booming Strategy **Recommendation**
Deflection booming. If current is slow containment booming my be a viable option

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:

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6. Resources Assigned This Period "X" Indicates 204a attachement with special instructions

Resource Identifier	Leader	Contact Info #	# of Persons	Reporting Info/Notes/Remarks	

7. Assignments

SAFETY NOTE: Swift currents and thick vegetation. Watch for large pieces of debris on and under the water line. Snags and fallen trees may pose a safety threat. Be aware of alligators, snakes, and high concentrations of mosquitoes

8. Site Number:	9. Quad Name	10. NOAA Chart #	11. GLO Atlas Page #	12. County
148-D	Austwell	11315	148	Calhoun

13. Site Information: 148-D
Bridge height off water is approximately 5-8 feet. Water depth is approximately 5- 10 feet. Current is dependent on rainfall upstream within the past two weeks. Water lilies may make boat maneuvering difficult.

14. Latitude From: 28 29' 45" To:

15. Longitude From: 96 50' 34" To:

16. Closest Boat Ramp
Hog Bayou boat ramp.

17. Distance From Ramp
10 yards

18. Boat Type
Shallow draft work boats. No canopies.

19. Directions From Local Sector
Head South on State Highway 35 approximately 18 miles.

20. Closest Airport
Port Lavaca Airport

21. Closest Helo Spot
Martin Midstream Port O'Connor

22. Trustee/Contact Numbers

USCG:	361-582-0362	RRC:	210-227-1313
USCG DUTY:	361-533-0087	TPWD:	361-658-3181
TGLO:	(800) 832-8224	NRDA:	(512) 463 -9309
TCEQ:	361-825-3100	USFWS:	361-286-3559

23. Resources at Risk

Atlas Priority	High
Environmental	HIGH Threatened and Endangered Species, WMA's
Economic	HIGH Hunting, Fishing, Seafood I

24.Width of inlet in ft. 150'
25. Water depth in ft. 5'-10'
26. Current 0-5 knots
27. No. of Personnel 2-4

25. Booming Strategy **Recommendation**
Deflection or containment booming depending on current conditions.

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:

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