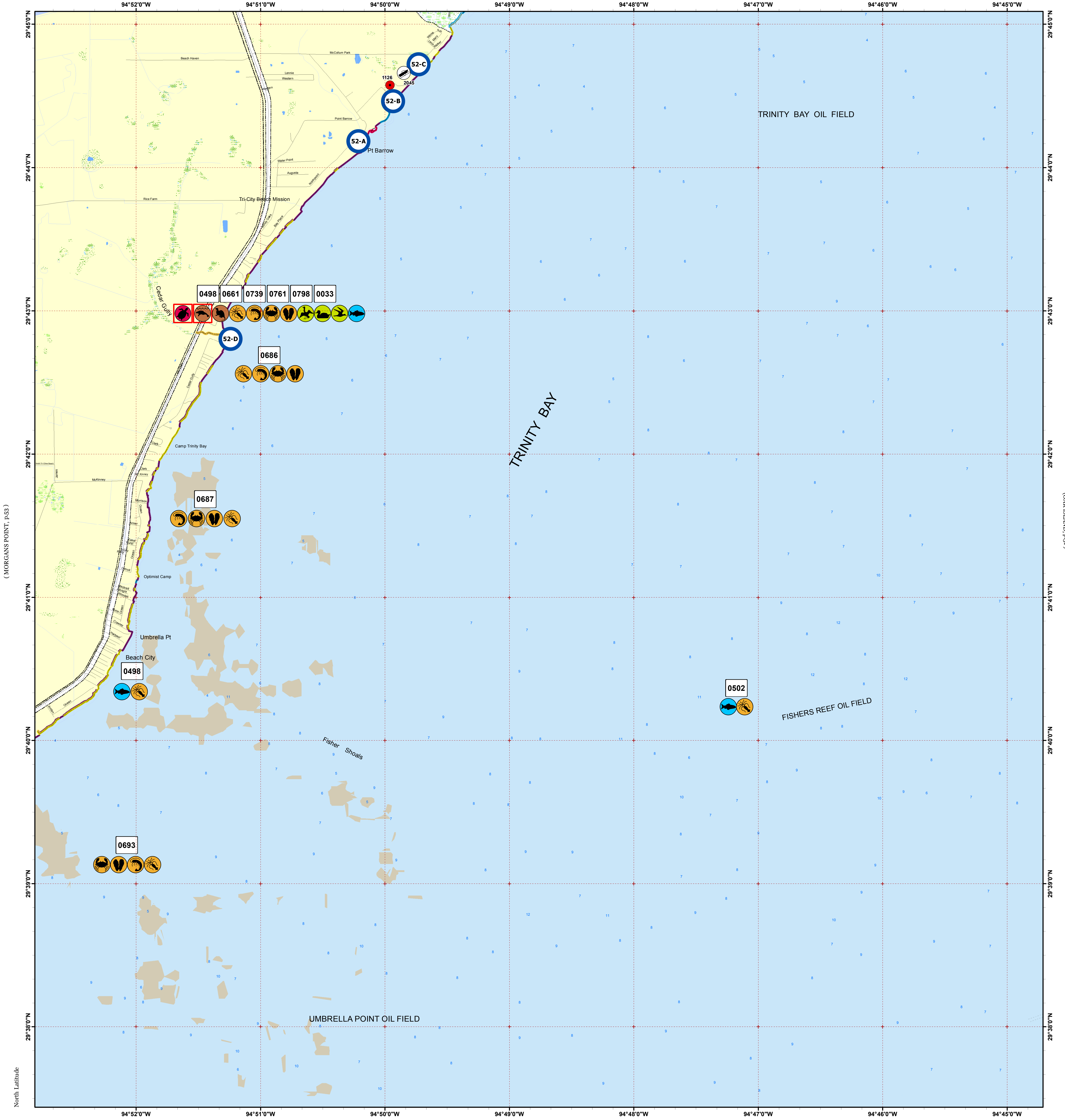


UMBRELLA POINT

(COVE, p.38)

Click Here or Scroll Down for Associated Map Data

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



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

- Boat Ramp
- Facility
- Geographic Response Plan

Map Base Layers

- Road
- County/Municipal Parks
- Oysters
- Bays
- Freshwater Marshes
- Swamps and Flooded Woodlands
- Willow Thickets
- Lake / Pond
- County Boundary
- City Limits

Species Icons Within Map Quad

- Turtle T/E
- Benthic Marine
- Bivalve
- Cephalopod
- Crab
- Shrimp
- Fish
- Mammal T/E
- Small Mammal
- Diving Bird
- Gull/Tern
- 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 Scarps and Steep Slopes in Sand
- 3A Fine-Grained Sand Beaches
- 2B Wave-Cut Clay Platforms
- 2A Scarps and Steep Slopes in Clay
- 1 Exposed Walls and Other Solid Structures

Priority Protection Areas

Depth Soundings in Feet

Fish

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
	Alligator gar			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Blue catfish			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Smallmouth buffalo			-	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	JAN-DEC
	Spotted gar			COMMON	X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY	APR-MAY	-	JAN-DEC	JAN-DEC
	Bay whiff			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	MAY-AUG	MAY-AUG
	Spotfin mojarra			RARE									X	X			-	-	-	-	-
	Atlantic bumper			RARE									X	X			-	-	-	-	AUG-SEP
	Blacktip shark			-			X	X	X	X	X	X	X	X	X		MAY-JUN	MAY-JUN	MAY-NOV	MAR-NOV	MAY-JUN
	Crevalle jack			COMMON			X	X	X	X	X	X	X	X	X		-	-	-	MAR-NOV	-
	Gulf butterfish			RARE				X	X								-	-	-	-	-
	Spanish mackerel			COMMON									X	X			-	-	-	SEP-OCT	SEP-OCT
	Spinner shark			-					X	X	X	X	X	X			MAY-JUN	MAY-JUN	MAY-JUL	MAY-OCT	MAY-OCT

Invertebrate

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
0661	Atlantic rangia			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Brief squid			RARE						X	X	X	X	X	X		JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV
	Blue crab			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brown shrimp			COMMON		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0686	Atlantic rangia			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Eastern oyster			UNCONSOLIDATED	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid			RARE						X	X	X	X	X	X		JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV
	Blue crab			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brown shrimp			COMMON		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0687	Atlantic rangia			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Eastern oyster			REEF	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid			RARE						X	X	X	X	X	X		JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV
	Blue crab			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brown shrimp			COMMON		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC
0693	Atlantic rangia			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	-	MAR-OCT	JAN-DEC	JAN-DEC
	Eastern oyster			LOW	X	X	X	X	X	X	X	X	X	X	X	X	MAR-DEC	MAR-DEC	-	-	JAN-DEC
	Brief squid			RARE						X	X	X	X	X	X		JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV	JUN-NOV
	Blue crab			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	MAR-OCT	MAR-OCT	MAR-NOV	JAN-DEC	JAN-DEC
	Brown shrimp			COMMON		X	X	X	X	X	X	X	X	X	X	X	-	-	FEB-APR	APR-DEC	-
	Grass shrimp			ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	White shrimp			HIGHLY-ABUNDANT	X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAY-OCT	MAY-DEC	JAN-DEC

Marine Mammal

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
0739	West Indian manatee	S/F	E/E	VERY-RARE						X	X	X					-	-	-	-

Reptile

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Internesting	Juveniles	Adults
0761	Kemp's ridley sea turtle	S/F	E/E	COMMON				X	X	X	X	X	X	X	X		-	-	-	APR-NOV	-

Terrestrial Mammal

RARNUM	NAME	S F	T E	CONC	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
0798	Northern river otter			-	X	X	X	X	X	X	X	X	X	X	X	X	N/A

Human Use Resources

Category	RARNUM	NAME	CONTACT	CONTACT INFO
Boat Ramp	2045	McCullum Park		chamberstrinitysanjac@mccollum
Facility	1126	Point Barrow Separation Facility	Craig Alexander	281-573-1800

1. Incident Name	2. Operational Period (Date/Time)	Assignment List ICS 204-OS
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3. Branch	4. Division/Group
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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: Numerous submerged pilings reported in area.

8. Site Number: 52-A	9. Quad Name Umbrella Point	10. NOAA Chart # 11326	11. GLO Atlas Page # 52	12. County Chambers
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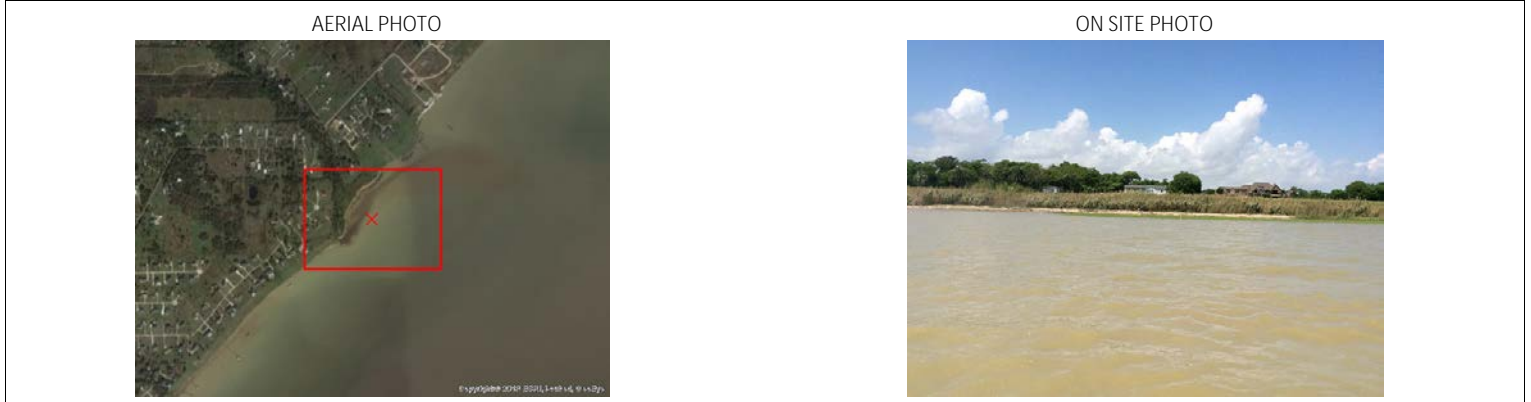
13. Site Information: Point Barrow Creek Point Barrow Creek	14. Latitude From: 29°43'59"	To:
	15. Longitude From: 94°50'23"	To:

16. Closest Boat Ramp Fort Anahauc Park	17. Distance From Ramp 8 miles	18. Boat Type Multiple Types
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19. Directions From Local Sector East on I-10 from Houston to HWY 61. Exit right on Hwy 563 to Anahuac. In Anahuac travel south on Hwy 61 (Main Street) to Fort Anahuac Park, 1 mi. on right. Boat ramps are at SW corner of park	20. Closest Airport Baytown airport, Baytown (HPY)
	21. Closest Helo Spot Baytown airport 29 47' 09"N 94 5 7' 09"W

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 50ft in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority Medium	25. Water depth in ft. 1ft
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental Medium	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic	27. No. of Personnel 2
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy Recommendation Boom to prevent movement of oil into Point Barrow Creek. Deploy backup boom as necessary. Note: Product discharged into lower Trinity Bay tends to collect along this shoreline between Umbrella Point and Point Barrow.
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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
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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: Numerous submerged pilings reported in area.

8. Site Number: 52-B	9. Quad Name Umbrella Point	10. NOAA Chart # 11326	11. GLO Atlas Page # 52	12. County Chambers
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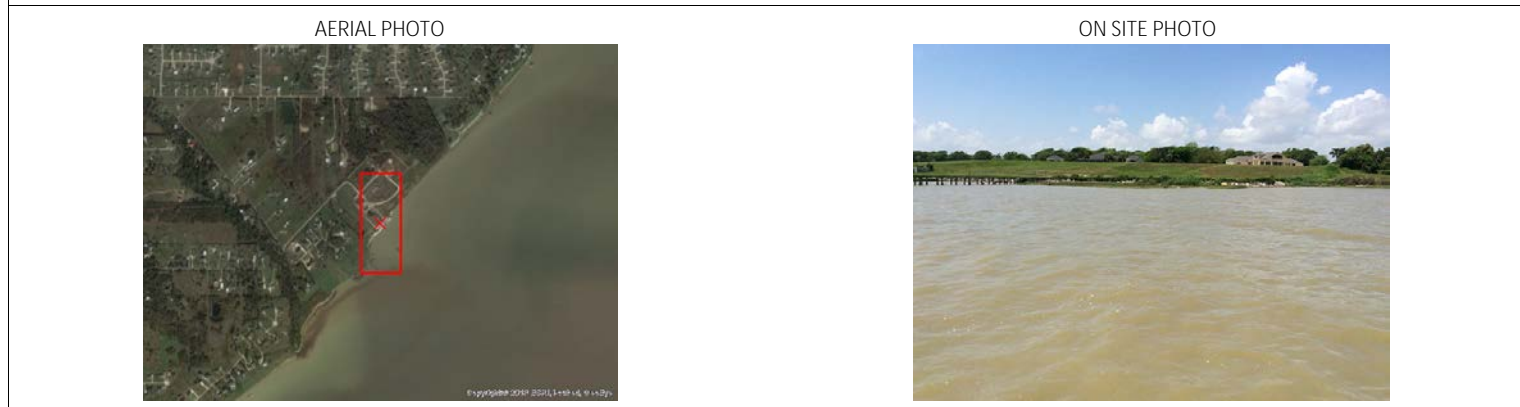
13. Site Information: Point Barrow Marsh (north) Point Barrow marsh (North of Point Barrow)	14. Latitude From:	29 44' 38"	To:
	15. Longitude From:	94 49' 45"	To:

16. Closest Boat Ramp Fort Anahauc Park	17. Distance From Ramp 8 miles	18. Boat Type Multiple Types
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19. Directions From Local Sector East on I-10 from Houston to HWY 61. Exit right on Hwy 563 to Anahuac. In Anahuac travel south on Hwy 61 (Main Street) to Fort Anahuac Park, 1 mi. on right. Boat ramps are at SW corner of park	20. Closest Airport Baytown airport, Baytown (HPY)
	21. Closest Helo Spot Baytown airport 29 47' 09"N 94 57' 00"W

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 3000' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority Medium	25. Water depth in ft. 1'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental Medium	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic	27. No. of Personnel 4
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy **Recommendation**
Boom to prevent movement of oil into Point Barrow marsh. Deploy backup boom as necessary. Note: Product discharged into lower Trinity Bay tends to collect along this shoreline between Umbrella Point and Point Barrow.



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
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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: Numerous submerged pilings reported in area.

8. Site Number: 52-C	9. Quad Name Umbrella Point	10. NOAA Chart # 11326	11. GLO Atlas Page # 52	12. County Chambers
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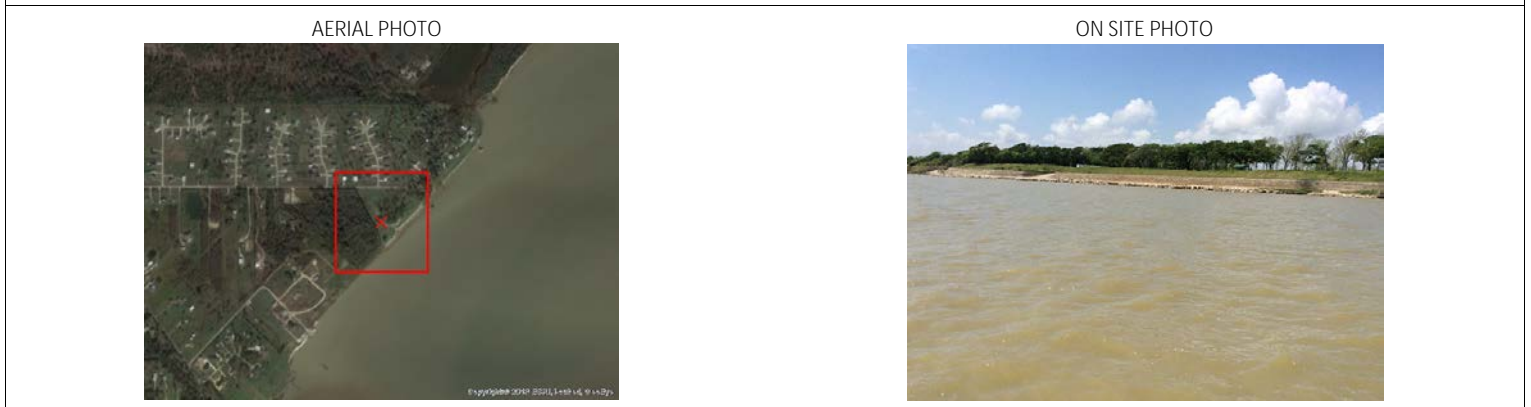
13. Site Information: McCollum Park McCollum Park (North of Point Barrow)	14. Latitude From: 29 44' 38"	To:
	15. Longitude From: 94 49' 27"	To:

16. Closest Boat Ramp Fort Anahauc Park	17. Distance From Ramp 8 miles	18. Boat Type Multiple Types
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19. Directions From Local Sector East on I-10 from Houston to HWY 61. Exit right on Hwy 563 to Anahuac. In Anahuac travel south on Hwy 61 (Main Street) to Fort Anahuac Park, 1 mi. on right. Boat ramps are at SW corner of park	20. Closest Airport Baytown airport, Baytown (HPY)
	21. Closest Helo Spot Baytown airport 29 47' 09"N 94 57' 00"W

22. Trustee/Contact Numbers	23. Resources at Risk	24. Width of inlet 3000' in ft.
USCG: (281) 464-4800 RRC: (713) 869-5001	Atlas Priority Medium	25. Water depth in ft. 1'
USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100	Environmental Medium	26. Current Slow
TGLO: (800) 832-8224 NRDA: (512) 463 -9309	Economic	27. No. of Personnel 4
TCEQ: (713) 767-3563 USFWS: (281) 286-8282		

25. Booming Strategy **Recommendation**
 Boom to prevent impact to McCollum Park shoreline. Deploy backup boom as necessary. Note: Product discharged into lower Trinity Bay tends to collect along this shoreline between Umbrella Point and Point Barrow.



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: Numerous submerged pilings reported in area.

8. Site Number: 52-D	9. Quad Name Umbrella Point	10. NOAA Chart # 11326	11. GLO Atlas Page # 52	12. County Chambers
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13. Site Information: Cedar Gully Creek Cedar Gully Creek	14. Latitude From: 29 42' 43"	To:	
	15. Longitude From: 94 51' 12"	To:	

16. Closest Boat Ramp Ocean Mobile Home Park ramp	17. Distance From Ramp 5 miles	18. Boat Type Flat Bottom Boat
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19. Directions From Local Sector Beltway 8 North to Hwy 225. Turn East on to Hwy 225 and proceed to Hwy 146. Go North on Hwy 146 to Spur 55, turn right. Proceed to Tri City Beach Rd. and turn right. Take Tri City Beach Rd. to Cedar Gully Creek Rd	20. Closest Airport Baytown Airport (HPY)
	21. Closest Helo Spot Baytown airport (HPY)

22. Trustee/Contact Numbers USCG: (281) 464-4800 RRC: (713) 869-5001 USCG DUTY: (800) 424-4800 TPWD: (281) 842-8100 TGLO: (800) 832-8224 NRDA: (512) 463 -9309 TCEQ: (713) 767-3563 USFWS: (281) 286-8282	23. Resources at Risk Atlas Priority Medium Environmental Medium Economic N/A	24. Width of inlet 50' in ft. 25. Water depth in ft. 1' 26. Current Slow 27. No. of Personnel 2
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25. Booming Strategy Recommendation Boom to prevent movement of oil into Cedar Gully Creek. Deploy backup boom as necessary.
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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."