Spill Response Contingency Plan

For

The Clive Runnells Family Mad Island Marsh Preserve

And

Mad Island Wildlife Management Area

Prepared by

The Texas General Land Office

Oil spill Prevention and Response Division.

Reviewed by:

-Texas General Land Office

-Texas Parks and Wildlife

-United States Coast Guard

-The Nature Conservancy

August 2012

Purpose:

The purpose of this plan is to serve is as a guide for oil spill response at Mad Island Marsh Preserve (MIMP) and Mad Island WMA in the event that a spill threatens or actually impacts the area. It may take several hours for private industry spill response personnel to arrive on scene, therefore MIMP and Mad Island WMA personnel may play a key role in impact reduction through protection strategies to MIMP and the WMA.

Identify Stakeholders

Texas General Land Office 1-361-552-8081

United States Coast Guard 1-361-582-0362

Texas Environmental Hotline 1-800-832-8224

National Response Center 1-800-424-8802

Texas Parks and Wildlife 1-512-389-4848

TPWD Bay City 1-979-244-7697 or (979) 244-6805

Mad Island Preserve 361-972-2559

Fire Departments Collegeport VFD: 361-972-6122 or 409-244-8536

Tres Palacios Oaks 361-588-7740

Medical Matagorda County: 911 or

Life Flight 1-800-392-4357

Matagorda County LEPC: 979-245-4100

Harbor Master, Port of Bay City, Harold Martin: 409-863-2103

Adjacent Land Owner R.E.Smith: 361-972-2773 Pete Carpenter

Incident Command Post

Initial Command post will be at TNC MIMP as the event escalates and more room is necessary command will be moved to Matagorda ISD school gym (Wightman St) see Attachment I for directions.

Forward Command/ Branch Command Post

TPWD Headquarters at Mad Island WMA – Division One

TNC Headquarters at MIMP – Division Two

Intersection of ICWW under River road bridge – Division Three

Manual Recovery

No manual recovery within wetlands/marsh grasses. Prescribed burning allowed in marsh. Spill response personnel will use passive collection techniques to collect oil along edges of marsh. Place absorbent sausage, pom-poms, or sweep alone edges of marsh grasses and let tidal currents wash oil into absorbents for collection. Sausage, pom-poms, and sweep will be changed out at a minimum every 24 hrs.

Mechanical Recovery

No mechanical recovery within wetlands/marsh grasses.

Mechanical recover such as drum skimmers, weir skimmers, and skimming vessels allowed within the ICWW and areas at least 2 feet deep at mean high tide. Amount of shallow water skimming vessels, drum skimmers, and weir skimmers needed will be based on size of spill and on planning and operations decisions.

Base equipment for Clean-up

Refuge Trailer Contents Inventory 15913 license plate # 97062

1. Containment boom 1000' of 18" containment boom
2. Propane bottles –4
3. Anchor system –9
4. Anchor lines
5. Inflatable bous-4
6. Tow bridles-2
7. Sweep-4
8. Shovel, rake, sledge hammer
9. Sorbent pads-3 bales
10. Floating buoys with lite-2
11. Scare cannon-2
12. First aid kit
13. Eye wash station
14. Hand air pump

Equipment Resourcing outside AOR

Corpus Christi Area Oil Spill Control – 361-882-2656

Garner Environmental Services – 281-930-1200

Miller Environmental Services, Inc. – 361-289-9800

Oil Mop, Inc. – 504-394-6110

Phoneix Pollution Control & Environmental Services – 281-838-3400

T&T Marine Salvage – 409-744-1222

Night Operations

Skimming vessels should be the only operations attempted at night in this area. Land based night operations strongly discouraged.

Staging areas

Matagorda Harbor N 28° 41' 31.6" W 95° 57' 22.3" off of Hwy TX-60 in Matagorda, TX is the staging area for vessel and water based operations equipment. Vaccum trucks will be located at the Intersection of Colorado River and ICWW for the transfer of oil/oily water from skimming vessels. River Bend N 28^{o} 40' 12" W 95^{o} 57'53" 1427 FM 2031 can be used as an additional staging area and boat launch.

TNC headquarters for all operations west of and including Mad Island cut. TPWD Headquarters for all operations east of Mad Island cut to Culiver Cut. Under river road bridge over ICWW is the headquarters for all operations west of and including Culver Cut.

Protection Strategy

1. Make notifications first in the event of an actual or threatened discharge in the vicinity. It is critical that all interested parties are notified as well as adjacent landowners.

2. If the Responsible party has not done so, stop the source and evaluate the containment of the spill.

3. Using known information of the location of the spill and the best-known trajectory information begin boom deployment in pre-designated marsh openings at 45 degree angles to the shoreline. The west set of Colorado River Locks will be shut in order to prevent oil from entering the Colorado River channel and Diversion Channel from the ICWW. Once shut if necessary 18' hard boom can be deployed across west end of west locks. Minimum of 1500 feet of boom will be necessary to boom off all listed waterways.

4. After above-mentioned information has been collected, evaluate other resources that may be mobilized form the Houston area.

Note: The boom as outlined on the map is not in a sequence of priority. Prioritization will be determined at the time of a spill. Since there are not any boat ramps on the Intracoastal Waterway at this location access is very limited and complicates any event in this area.

Marsh Openings

Mad Island Bayou and Mad Island Cut – Attachment II – Division 1

Freshwater lake and Crab lake – Attachment III – Division 2

Culver Cut and Culver Cut into West Matagorda Bay – Attachment IV – Division 3

SCAT/RAT

Geographic divisions

Divison 1 Including Mad Island cut and west

Division 2 Mad Island cut to Culver Cut

Division 3 Culver Cut and east

Team compositions

SCAT teams will consist of one member of each TGLO, USGC, property owner, and responsibility party.

Number of teams

3

Equipment needed

Three 18 foot or larger Vessels and operator. Airboats and operators will be necessary for surveying habitat north of the ICWW.

Basic Disposal Plan

TCEQ will set disposal guidelines. Roll off boxes, water trucks, steamcleaners, personnel in proper PPE, and vacuum trucks will be located at Matagorda Harbor and River Bend. If possible materials will be recycled in an environmentally friendly manner. Oil could be recycled into road base or some other alternative. Pads and other absorbent material could be taken to a powerplant and burned as fuel.

Basic Decon Plan

Decon will be set up at intersection of ICWW and Colorado River channel on the north bank.

Basic Demob Plan

Demobilization will be decided on by command. One Division will be demobilized at a time beginning with Division 3. Once Division 3 is released Division 2 will assume any mop up or scat duties in Division 3. Division 2 will be reaeased next. Division 1 will then encompasses the entire geographic region.

Wildlife Considerations

Wildlife rehabilitation is coordinated through USFW& TPWD. Injured or oiled wildlife will be taken to Bay City due the availability of more resources. The GLO Bird trailers will be located at Matagorda County Fair grounds 979-245-0351 located at 4511 FM 2668 Nichols Rd. Here the birds will be cleaned and rehabbed.

Volunteers

Due to the remoteness of this location and lack of accountability for a spill in this location volunteers should be used at command, to transport meals to staging areas, or decon. The South Texas Coastal Zone ACP Volunteer plan will be used as a guide.

Local equipment

PMIC and TGLO Region 5 Equipment

Availability

Any additional spill response resources will come out of Houston. It will take a minimum of 3 hours for equipment to arrive at staging area. The area Hospital is Matagorda Regional Medical Center located at 104 7th St bay city, TX 77414 979-241-3452. There are a few lodges and bed and breakfast located in Matagorda. Most of the spill response personnel will need to be housed in one of Bay City's hotels.

Attachment I

Directions from GLO Region 5 HQ to Mad Island Marsh Preserve

1. Head SE on Travis St.
2. Turn left on TX-35
3. Follow TX-35 through Palacios
4. Turn right onto FM 521
5. Turn right on FM 1095
6. Turn left on Brazos Tower Rd
7. Turn left on Franzen Rd to WMA gate

Directions from GLO Region 5 HQ to Matagorda Independent School District

1. Head SE on Travis St.
2. Turn left on TX-35
3. Follow TX-35 through Palacios
4. Turn right onto FM 521
5. Turn right onto TX-60
6. Turn right onto Market St
7. Turn left onto Wightman St

Attachment II – Division 1

Mad Island Bayou-

28-37’-36” X 96-06’-10”

Has 2 waterway entrances one is 35’ one is 50’ across

You may be able to eliminate the 35’ entrance by filling it with dirt and/or rocks. This entrance was created due to wave action eroding away the bank and was not historically an entrance into Mad Island Lake.

Mad Island Cut

28-37’-31” x 96-05’-59”

300’

across

Attachment III – Division 2

Freshwater Lake

28-39’-15” N X 96-03”-09”W

200’ across

Crab Lake

28-39’-35”N X 96-02’-34”

Has 2 waterway entrances one is 200’ one is 100’

across

Attachment II - Division 2

This Division has riprap along north bank of ICWW and at mouths of creeks.

Attachment IV – Division 3

Culver Cut

28-39’-58” N X 96-00’-42”W

100’ across

Culiver Cut into West Matagorda Bay

28 39’ 52” 96 00’ 39”

100’

across

Attachment IV - Division 3