

**SPILL PREVENTION, CONTROL, AND COUNTERMEASURES
BEST MANAGEMENT PLAN**

N O A A

NATIONAL WEATHER SERVICE

**Weather Forecast Office
300 Pinson Lane
Corpus Christi, Texas 78406**

Designated Person Responsible for Spill Prevention (DRO):

Printed Name: Armando Garza

Signature: _____

Date: _____

Telephone: (361) 299-1353

The Regional Environmental Compliance Officer (RECO) has reviewed the facility and determined that an SPCC Plan is not required per 40 CFR 112. This Plan is developed strictly as a Best Management Plan. The determination is based on:

- The facility does not exceed above ground storage capacity threshold.
- The facility meets capacity requirements but, a discharge will not reach navigable waterways.

RECO Printed Name: Thanh Minh Trinh, P.E.

RECO Signature: _____

Date: _____

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PART I - GENERAL INFORMATION

A. GENERAL

This section of the Best Management Plan provides general information about the facility.

1. Name:

National Weather Service (NWS)
Weather Forecast Office (WFO)

2. Date of Initial Operation:

September 27, 1996

3. Location:

Street: 300 Pinson Lane
City: Corpus Christi
State/Zip Code: Texas 78406

4. Name and phone number of owner (Local Point of Contact)

Steve Smart Environmental Focal Point 361-299-0725

5. Facility Contacts

<u>Name</u>	<u>Title/Role</u>	<u>Telephone Number</u>
Terry Brisbin	NWS Southern Region ECO	817-978-7777 x 139

B. SITE DESCRIPTION AND OPERATIONS

The National Weather Service (NWS) Weather Forecast Office (WFO) is located in Corpus Christi, Texas. Figure 1 shows the facility is located inside the Corpus Christi International Airport.

A 1000-gallon aboveground storage tank (AST) contains diesel fuel. The fuel is used to power an adjacent 175-kilowatt emergency backup power (electric) generator. The emergency generator and a 100-gallon day tank are located within an enclosed concrete masonry unit building. Both the AST and the generator building rest on a concrete slab foundation. The fuel in the AST is pumped as needed to a day tank inside the building that feeds the generator.

The emergency generator is operated approximately 4 to 8 hours a month and is typically used during weather-related power outages. The generator also is operated an hour once per week for maintenance purposes. Approximately 36 gallons per month of fuel are used on average.

Figure 2 shows the potential flow direction to be generally in the northwest direction. The probability of spill is highest during the fueling operation. The spill from the aboveground storage tank would flow over the asphalt road and parking lot into the surrounding agricultural and stormwater drainage system. The stormwater drain is located on the northwest side of the facility

and about 300 feet away. The drainage eventually leads toward the Oso Creek which is located about 6 miles away.

The facility maintains an 85-gallon spill kit on site. It is located on the southwest side of the emergency generator building near the solid waste collection enclosure. The spill kit includes absorbent pads and socks that can be used to divert a small spill. Additionally, the kit container itself can be used as a disposal container.

PART II - OPERATIONAL PROCEDURES FOR SPILL PREVENTION AND CONTROL

1. Fuel Unloading

- a. Appendix A includes a Tank Ullage and Fueling Log (Appendix A-1) that should be used when fuel is delivered; and
- b. Fuel Unloading Procedure Checklist (Appendix A-2) that includes a list of procedures that should be implemented when fuel is delivered.

2. Inspections and Records

Inspection and Maintenance of Tanks: The storage tank and generator day tank shall be inspected weekly for any oil outside the tank, especially at seams (including the underside). The concrete is inspected for excess cracks. The outside of exposed piping shall be inspected weekly, especially at the joints such as gasket fittings. Monthly and annual inspections shall follow the checklists shown in Appendix B.

Record Keeping: The Environmental Focal Point or designated representative is responsible for completing the ullage logs and documenting fuel unloading procedures. These records, as well as records of all inspections, shall be maintained for at least 5 years from the time of inspection.

PART III - SPILL COUNTERMEASURES AND REPORTING

A. SPILL COUNTERMEASURES

This section presents countermeasures to contain, clean up, and mitigate the effects of an oil spill that impacts navigable waters or adjacent shorelines.

A spill containment and cleanup activity will never take precedence over the safety of personnel. No countermeasures will be undertaken until conditions are safe for workers. The **SWIMS** procedure should be implemented as countermeasures as follows:

- S** Stop the leak and eliminate ignition sources.
 - a. Attempt to seal or some how stop leak if it can be done safely.
 - b. Attempt to divert flow away from the drainage ditch with a spill barrier or the contents of spill kit. The spill kit is located in the generator building.
 - c. Eliminate all ignition sources in the immediate area.

- W** Warn others.
 - a. Yell out "**SPILL**". Inform the person in-charge at your facility.
 - b. Account for all personnel and ensure their safety.
 - c. Notify contacts and emergency response contractor as described in the following section for assistance in control and cleanup.

- I** Isolate the area.
 - a. Rope off the area.

- M** Minimize your exposure. Stay upwind.

- S** Stand by to assist the emergency response contractor, if necessary.

B. SPILL REPORTING

1. General Notification Procedures for All Spills

Within 24 hours, the responsible person or designee (DRO on this plan title page) is directly charged with reporting all oil spills that result from facility operations as follows

- a. In the event of an emergency (for example, fire or injury), call **9-1-1** (if "9" is required to obtain an outside telephone line, it may be necessary to dial **9-9-1-1**).
- b. Notify the appropriate persons within your region and line office.

National Weather Service:

Mike Jacob, NWS Environmental Compliance Officer

Phone number: (301) 713-1838 Ext. 165, Jmichael.Jacob@noaa.gov

Olga Kebis, NWS Safety Officer

Phone number: (301) 713-1838 Ext. 173, Olga.Kebis@noaa.gov

Terry Brisbin, (817) 978-2367, Ext. 139, Terry.Brisbin@noaa.gov, NWS Southern Regional Environmental/Safety Coordinator

- c. Notify the appropriate Regional Environmental Compliance Officer (RECO) at the NOAA Environmental Compliance and Safety Office Program.

Select the respective RECO in your region:

MASC - Mark George, (303) 497-3064, Mark.George@noaa.gov, NOAA Mountain Regional Environmental Compliance Officer

WASC – Minh Trinh, (206) 526-6647, thanh.m.trinh@noaa.gov, NOAA Western Regional Environmental Compliance Officer

Central – Andy Poppen, (816) 426-3925 ext 284, andy.poppen@noaa.gov, NOAA Central Regional Environmental Compliance Officer

Eastern – Dan McGoldrick, (301) 713-2870 ext 110, Daniel.B.McGoldrick@noaa.gov, NOAA Eastern Regional Environmental Compliance Officer

- 4. **RECO** must determine if Federal or State notification is required and follow up accordingly.

2. Cleanup Contractor Notification

An emergency response contractor should also be notified to assist with the clean up, if necessary. NWS has identified and contacted the following contractors that are available for an emergency response:

<u>Contractor</u>	<u>Address</u>	<u>Phone Number</u>
Miller Environmental Services	600 Flato RD, CC	(361) 289-9800
Safety-Kleen System, Inc.	3820 Bratton, CC 78413	(361) 533-0753 (After Hrs) (361) 854-9471 (M-F)
Univar	777 Brisbane St, Houston	800-284-6264 x 6935

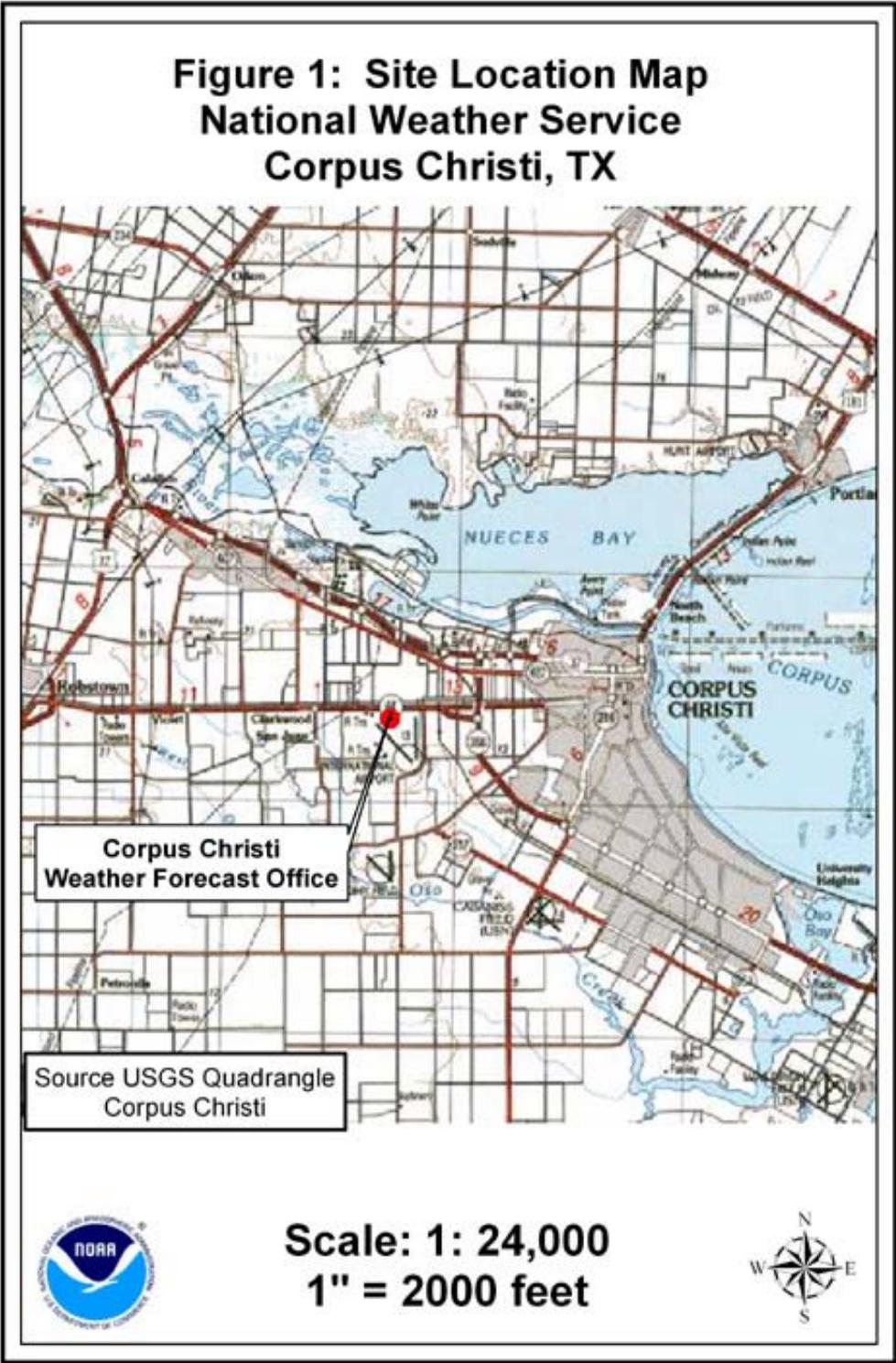
3. Spill Report

The form in Appendix C should be used to complete a spill report. This form should be sent, preferably by e-mail, to the NOAA representatives listed above.

C. Training

The designated person responsible for spill prevention and an alternate should be trained in spill countermeasures. The alternate should be designated in case the primary person is off site at the time of a spill.

**Figure 1: Site Location Map
National Weather Service
Corpus Christi, TX**



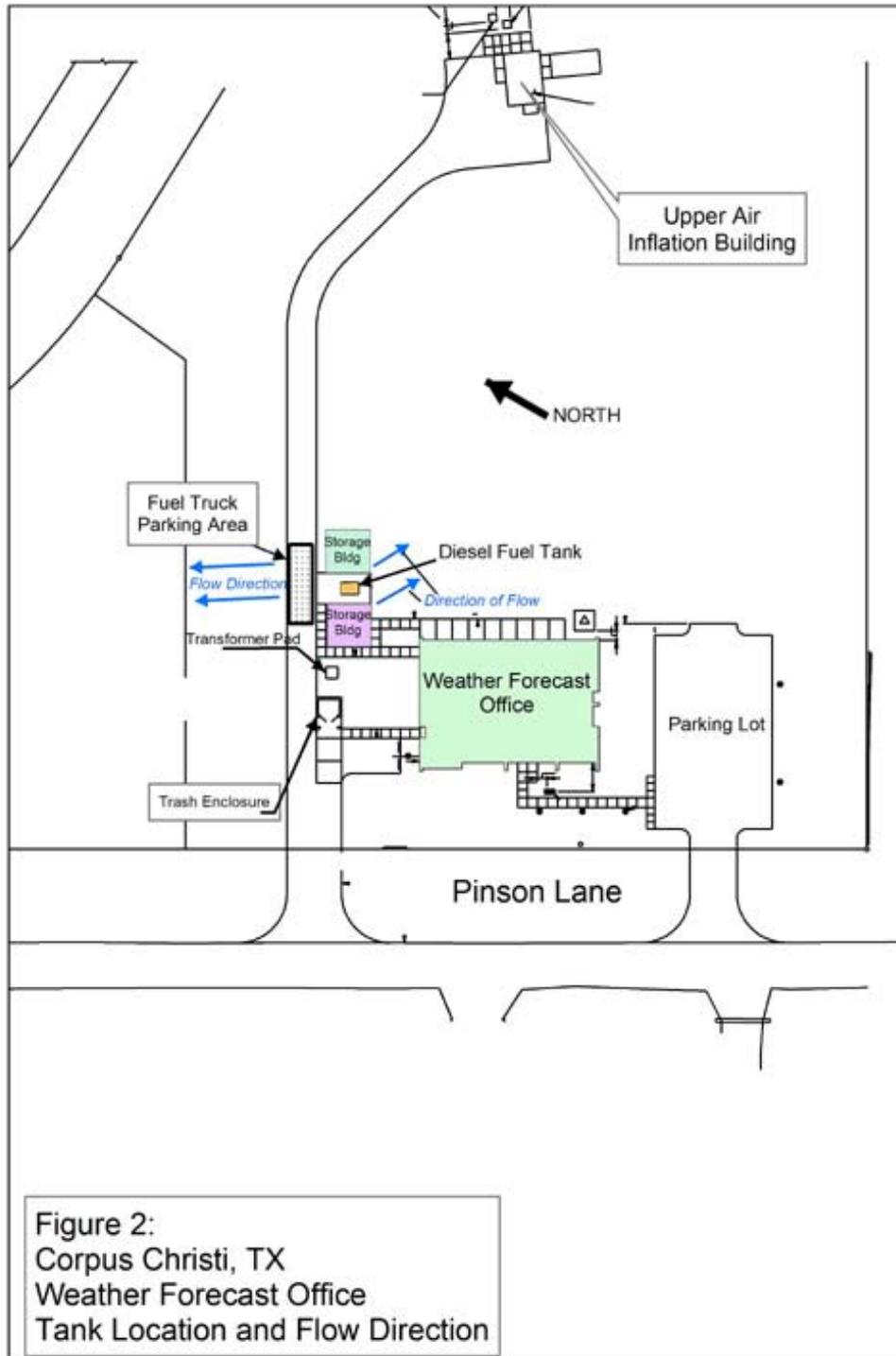


Figure 2:
 Corpus Christi, TX
 Weather Forecast Office
 Tank Location and Flow Direction