Sunoco Pipeline L.P.
Facility Response Plan
RSPA Sequence Number 720
Northern Oklahoma Response Zone

Sunoco Partners Pipeline, L.P.
1818 Market Street, Suite 1500
Philadelphia, PA 19103
Revised August 2012

Developed Under the Guidelines:
49 CFR Part 194 Subpart B Oil Spill Response Manual Appendix A
49 CFR Part 195 402 (e)

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APPENDICES

Changes to this Plan will be documented on this page. Plan review and modifications will be initiated and coordinated by the Environmental, Health, Safety, and Security Department (EHS&S) in conjunction with the Area Supervisor/Manager of Operations.

CHANGE NUMBER	DATE OF CHANGE	DESCRIPTION OF CHANGE	PAGE NUMBER

1.0 INFORMATION SUMMARY

1.1 Purpose of Plan

The purpose of this Facility Response Plan (FRP) is to provide guidelines to quickly, safely, and effectively respond to a spill from Sunoco Pipeline L.P. pipelines located in the Northern Oklahoma Response Zone. The pipelines are owned by Sunoco Partners Pipeline L.P. and operated by Sunoco Pipeline L.P.

This Plan is intended to satisfy the requirements of the Oil Pollution Act of 1990 (OPA 90), and has been prepared in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and applicable Area Contingency Plans (ACP). Specifically, this Plan is intended to satisfy:

- Pipeline and Hazardous Materials Safety Administration (PHMSA), U.S. Department of Transportation requirements for an OPA 90 plan (49 CFR 194)

A DOT/PHMSA Cross Reference Matrix is provided in **APPENDIX A**.

1.2 Response Zone Information Summary

The information summary for the Northern Oklahoma Response Zone is presented on the following pages:

TABLE 1-1 – NORTHERN OKLAHOMA RESPONSE ZONE INFORMATION SUMMARY

Owner: Sunoco Partners Pipeline L.P. 1818 Market Street, Suite 1500 Philadelphia, PA 19103-1699 Phone: (215) 977-3000 Fax: (215) 977-3409		**Operator:** Sunoco Pipeline L.P. Western Area One Fluor Daniel Drive Sugar Land Texas 77478
Product	Crude Oil	
Qualified Individuals:	Jerry Niblett District Supervisor (918) 352-5093 (Office) (918) 720-1323 (Mobile)	
	Darren Cloud Operations Supervisor (918) 352-5089 (Office) ([redacted] (918) 629-1197 (Mobile)	
	Victor Harrington Operations Supervisor (580) 242-6028 (Office) (508) 231-0865 (Mobile)	
Pipeline Description:	The Sunoco Pipeline L.P. Northern Oklahoma Pipeline System transports crude oil in Oklahoma from gathering systems to other pipeline systems and refineries.	
Response Zone:	The response zone is the entire Northern Oklahoma Pipeline System. The Response Zone has the potential for "significant and substantial harm" and has the potential for a "worst case discharge"	

TABLE 1-2 – DESCRIPTION OF LINE SEGMENTS/STATIONS

Line Sections	Description	Counties	Product
	Bottleman 4" to Wide Awake Station	Alfalfa	Crude Oil
	Wide Awake 6" to Enid Station	Alfalfa, Grant, Garfield	Crude Oil
	Ringwood 4" to Meno Jct.	Garfield, Major	Crude Oil
	Ingersol To Bottleman 6" Poly	Alfalfa	Crude Oil
	Meno Jct. to Lahoma 4"	Garfield, Major	Crude Oil
	Lahoma to Enid WTF 4" and 6"	Garfield	Crude Oil
	Enid WTF to Morris 8"	Garfield, Noble	Crude Oil
	Dover 4" to Hennessey	Kingfisher	Crude Oil
	Hennessey to Waukomis 6"	Kingfisher	Crude Oil
	Enid to Douglass Jct 8"	Garfield	Crude Oil
	Douglas Jct. to Noble Station 8"	Garfield, Logan, Oklahoma	Crude Oil
	Douglas Jct. to Orlando Station 8"	Garfield, Logan,	Crude Oil
	Orlando Station to Cushing LTF - 8" and 10"	Logan, Payne	Crude Oil
	LeForce 3" to Wide Awake 6"	Grant	Crude Oil
	Cushing LTF to WT Crude Meter 10" and 12"	Payne, Creek, Tulsa	Crude Oil
	Bristow to Beggs 4" and 6"	Creek, Okmulgee	Crude Oil
	Bad Creek from Hwy 56 to WT Meter 10" and 8"	Creek, Tulsa, Okmulgee	Crude Oil
	LEF from West Tulsa to Cushing LTF 12" and 10"	Payne, Creek, Tulsa	Crude Oil
	Barnsdall to Tulsa Jct.	Tulsa, Osage	Crude Oil
	Yale to Drumright Station 5 1/2" and 4"	Payne, Creek	Crude Oil
	Arco to Cushing LTF 30"	Payne	Crude Oil
	Shell to Cushing LTF 6"	Payne	Crude Oil
	WT Meter to Sinclair Ref. 10"	Tulsa	Crude Oil
	Morris to Conoco 6"	Noble	Crude Oil
	Hunter to Enid 4"	Garfield	Crude Oil
	Davis to Enid 4"	Grant	Crude Oil

Line Sections Continued	Description	County	Product
	Hennessey to Waukomis 6"	Garfield	Crude Oil
	Waukomis to Enid 6"	Garfield	Crude Oil
	Ramsey to Orlando 8"	Payne	Crude Oil
	Waukomis 6" to Enid	Kingfisher, Garfield	Crude Oil
	WT Meter 8"/10" to Holly East	Tulsa	Crude Oil
Stations	Barnsdall Station	Osage	Crude Oil
	Beggs Station	Okmulgee	Crude Oil
	Bottleman Station	Alfalfa	Crude Oil
	Bristow Station	Creek	Crude Oil
	Cashion Station	Logan	Crude Oil
	Crescent Station	Logan	Crude Oil
	Cushing Station	Payne	Crude Oil
	Cushing South Station	Payne	Crude Oil
	Davis Station	Grant	Crude Oil
	Douglass Station	Garfield	Crude Oil
	Dover Station	Kingfisher	Crude Oil
	Drumright Station	Creek	Crude Oil
	East T.F.	Garfield	Crude Oil
	Enid Station	Garfield	Crude Oil
	Garber Station	Garfield	Crude Oil
	Gilpin Station	Garfield	Crude Oil
	Hennessey Station	Kingfisher	Crude Oil
	Holly B Station	Garfield	Crude Oil
	Hunter Station	Garfield	Crude Oil
	Ingersol Station	Alfalfa	Crude Oil
	Lahoma Station	Garfield	Crude Oil
	Leforce Station	Grant	Crude Oil
	Little Farm Station	Payne	Crude Oil
	Meno Jct.	Major	Crude Oil
	Morris Station	Noble	Crude Oil
	Nash Station	Grant	Crude Oil
	Orlando Station	Logan	Crude Oil

Stations Continued	Description	County	Product
	Ramsey Station	Payne	Crude Oil
	Rhodes Station	Garfield	Crude Oil
	Ringwood Station	Major	Crude Oil
	Slick Jct.	Creek	Crude Oil
	Stillwater Station	Payne	Crude Oil
	Tulsa Station	Tulsa	Crude Oil
	Tulsa Jct.	Tulsa	Crude Oil
	Waukomis Station	Garfield	Crude Oil
	Wide Awake Station	Alfalfa	Crude Oil
	Yale Station	Payne	Crude Oil

Alignment Maps Location(s): (Piping, Plan Profiles)	Maintained at Sugarland, TX headquarters
Spill Detection and Mitigation Procedures:	Refer to **SECTION 3**
Worst Case Discharge:	(b) (7)(F) [redacted]
Statement of Significant and Substantial Harm:	Basis for Operator's Determination of Significant and Substantial Harm • At least one pipeline in the Response Zone is greater than 6 5/8 inches and most pipelines are longer than 10 miles • At least one section of pipeline crosses a river, meeting the requirement for location within one-mile of an environmentally sensitive area • Therefore, the potential to cause significant and substantial harm is present within the entire Response Zone
Date Plan Prepared:	August 2012

The information contained in this Plan is intended to be used as guidelines for the spill responder. Actual circumstances will vary and will dictate the procedures to be followed, some of which may not be included in this manual.

1.3 Operator Certification

In accordance with section 311 (j) (5) (F) of the Federal Water Pollution Control Act, as amended by Section 4202 of the Oil Pollution Act of 1990, I do hereby certify to the Pipeline and Hazardous Materials Safety Administration of the Department of Transportation that Sunoco Pipeline, L.P. has obtained, through contract or other approved means, the necessary private personnel and equipment to respond, to the maximum extent practicable, to a worst case discharge or a substantial threat of such a discharge.

Jerry J Niblett

JERRY NIBLETT
NORTHERN OKLAHOMA DISTRICT SUPERVISOR
SUNOCO PIPELINE, L.P.

2.0 NOTIFICATION PROCEDURES

2.1 Notification Overview

The station/operations personnel responsible for initiating and coordinating a response shall be responsible to ensure that all agency notifications are performed. Depending on the specifics of the situation, there may exist a requirement to perform agency notifications, internal notifications, drug and alcohol testing, Operator Qualification (OQ) suspension of task qualification and written follow-up. In situations where the reporting requirements are not clear or delegation of duties is necessary, HES or DOT Compliance for jurisdictional pipelines should be consulted for guidance.

In general, the notification sequence for a release is as follows:

- Station/Operations personnel will identify and control the source of the release (if safe to do so) and will notify the Qualified Individual and Operations Control Center.
- The Qualified Individual will assume the role of Incident Commander (Qualified Individual) and will conduct notifications in general accordance with the State of Oklahoma Notification Guidelines. These guidelines, along with additional notification forms/procedures are presented in **APPENDIX B** of this plan.

2.2 Information Required for Notifications

The following information should be available and provided when making initial and follow-up notifications:

Name of pipeline:

Time of discharge:

Location of discharge:

Name of oil involved:

Reason for discharge (e.g., material failure, excavation damage, corrosion):

Estimated volume of oil discharged:

Weather conditions on scene:

Actions taken or planned by persons on scene:

The following tables contain contact information for the facility response team, emergency response personnel, regulatory agencies, and local service providers:

TABLE 2-1 – FACILITY RESPONSE TEAM CONTACT INFORMATION

FACILITY RESPONSE TEAM		
Name/Title	**Contact Information**	**Response Time**
Jerry Niblett District Supervisor **Qualified Individual**	(918) 352-5093 (Office) (918) 720-1323 (Mobile)	Varies depending on location of release
Darren Cloud Operations Supervisor **Qualified Individual**	(918) 352-5089 (Office) (b) (6) (918) 629-1197 (Mobile)	Varies depending on location of release
Victor Harrington Operations Supervisor **Qualified Individual**	(580) 242-6028 (Office) (508) 231-0865 (Mobile)	Varies depending on location of release

TABLE 2-2 – ERP CONTACT INFORMATION

EMERGENCY RESPONSE PERSONNEL CONTACT INFORMATION			
Name/Title	**Contact Information**	**Response Time**	**Responsibilities During Response Action**
Jerry Niblett District Supervisor **Qualified Individual**	(918) 352-5093 (Office) (918) 720-1323 (Mobile)	Varies	Incident Commander
Darren Cloud Operations Supervisor **Qualified Individual**	(918) 352-5089 (Office) (b) (6) (918) 629-1197 (Mobile)	Varies	Operations
Victor Harrington Operations Supervisor **Qualified Individual**	(580) 242-6028 (Office) (508) 231-0865 (Mobile)	Varies	Operations
Adrienne Gibson Pipeline Engineer	(918) 352-5084 (Office) (b) (6) (918) 352-0184 (Mobile)	Varies	Planning
Mark Vandiver Technical Supervisor	(918) 352-5090 (Office) (918) 629-7641 (Mobile)	Varies	Logistics
Selma Spaulding Health and Safety Specialist	(918) 352-5108 (Office) (b) (6) (918) 306-2344 (Mobile)	Varies	Safety
Mike Carter Emergency Response Coordinator **Qualified Individual**	(940) 372-3845 Mobile (b) (6)	Varies	Regulatory Liaison
David Born DOT Compliance Coordinator	(281) 637-6497 Office (713) 702-2091 Mobile	Varies	DOT Liaison
Angela Ernst Administrative	(405) 867-5675 (Office)	Varies	Finance

TABLE 2-3 – REGULATORY AGENCY CONTACT INFORMATION

REGULATORY AGENCY CONTACT INFORMATION		
Agency	**Phone Number**	**Reporting Requirements**
Federal Agencies		
National Response Center (NRC) *NRC will contact all other federal agencies including USDOT/PHMSA and EPA*	(800)424-8802 or (202) 267-2675	**Any spill on water**. Telephonic notification is required within **2 hours** following the discovery of a release that resulted in any discharge to water
U.S. Department of Transportation/Pipeline Hazardous Materials Safety Administration (PHMSA)	(800)424-8802 or (202) 267-2675	**Telephonic Notification** At the earliest practicable moment following discovery of a release of the hazardous liquid resulting in an event described above, the operator shall give notice of any failure that: • Caused a death or a personal injury requiring hospitalization • Resulted in either a fire or explosion not intentionally set by the operator • Caused estimated property damage, including cost of clean up and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding $50,000 • Resulted in pollution of any stream, river, lake, reservoir, or other similar body of water that violated applicable water quality standards, caused a discoloration of the surface of the water or adjoining shoreline, or deposited a sludge or emulsion beneath the surface of the water or upon adjoining shorelines or • In the judgment of the operator was significant even though it did not meet the criteria of any of the above. **Written Reporting** A 7000-1 report is required within 30 days after discovery of the accident for each failure in a pipeline system regulated by DOT 195 in which there is a release of the hazardous liquid transported resulting in any of the following:

U.S. Department of Transportation/Pipeline Hazardous Materials Safety Administration (PHMSA) Continued…		• Explosion or fire not intentionally set by the operator
		• Release of 5 gallons or more of hazardous liquid except that no report is required for a release of less than 5 barrels resulting from a pipeline maintenance activity if the release is:
		  • Not otherwise reportable under this section
		  • Not on water
		  • Confined to company property or pipeline right-of-way and
		  • Cleaned up promptly
		• Death of any person
		• Personal injury necessitating hospitalization
		• Estimated property damage, including cost of clean-up and recovery, value of lost product, and damage to the property of the operator or others, or both, exceeding $50,000.
		• A supplemental report shall be filed within 30 days of receiving any changes in the information reported or additions to the original DOT 7000-1 report.

State Agencies		
Oklahoma Corporation Commission District 1 (Bristow, OK) District 2 (Kingfisher, OK) District 3 (Duncan, OK) District 4 (Ada, OK) **SEE DISTRICT MAP IN APPENDIX B**	 (918) 367-3564 (405) 375-5570 (580) 255-0103 (580) 332-3441	Any oil spill of 10 barrels or more on land or any amount on water. Report any discharge to state waters immediately. A written report of the indecent must be submitted to the appropriate OCC office within 10 days, addressing the following: a. Name, firm name and phone number of Party reporting b. Legal location of release c. Lease or facility name d. Operator e. Circumstances surrounding release f. Date of occurrence g. Volume released h. Product released i. Method of cleanup j. Volume recovered

Oklahoma Department of Environmental Quality (ODEQ)	(800) 522-0206	Any spill to surface water.
Oklahoma Corporation Commission – Pipeline Safety Department	(405) 521-2258	Immediately report any pipeline releases. Incidents include the following: 1) An event that involves a release from a pipeline; and 2) A death, personal injury, necessitating inpatient hospitalization; or 3) Estimated property damage including cost of product lost, of the operator or other, or both, of $5,000 or more; 4) An incident that is significant in the judgment of the operator, even though it did not meet the criteria above
Oklahoma Highway Patrol	(405) 425-2424	Any oil spill of 5 barrels or more on land or water; any oil spill on interstate, U.S., State or F.M. highways or roads.
Oklahoma Department of Wildlife Conservation	(405) 521-4616 (405) 990-5048 (After hours)	Any spill resulting in death to wildlife or fish

TABLE 2-4 – EMERGENCY SERVICES CONTACT INFORMATION

EMERGENCY SERVICES BY COUNTY	
Organization	**Phone Number**
Alfalfa County, OK	
Sheriff	(580) 596-3269
LEPC	(580) 596-3326
Creek County, OK	
Sheriff	(918) 224-4964
LEPC	(918) 367-9489
Garfield County, OK	
Sheriff	(580) 237-0244
LEPC	(580) 234-0541
Grant County, OK	
Sheriff	(580) 395-2356
LEPC	(580) 554-8950
Kingfisher County, OK	
Sheriff	(405) 375-4242
LEPC	(405)375-5662
Logan County, OK	
Sheriff	(405) 282-4100
LEPC	(405) 282-8510
Major County, OK	
Sheriff	(580) 227-4472
LEPC	(580) 227-4471
Noble County, OK	
Sheriff	(580) 336-3517
LEPC	(580) 336-3517
Oklahoma County, OK	
Sheriff's Department	(405) 713-1000
LEPC	(405)739-1386
Okmulgee County, OK	
Sheriff	(918) 756-4311
LEPC	(918) 756-4311
Osage County, OK	
Sheriff	(918) 287-3131
LEPC	(918) 287-3131
Payne County, OK	
Sheriff	(405) 372-4522
LEPC	(405) 372-0497
Tulsa County, OK	
Sheriff	(918) 596-5601
LEPC	(918) 628-0651

TABLE 2-5 - CONTRACTOR CONTACT INFORMATION

CONTRACTOR INFORMATION	
Organization	**Phone Number**
USCG Classified OSRO's	
ACME Products Company Tulsa, OK	(918) 836-7184
Progressive Environmental Service (Eagle/SWS)	(877)742-4215 (678) 835-0392
Garner Environmental Services, Inc.	(800) 424-1716 (281) 930-1200
National Response Corporation	(800) 899-4672
Additional Services	
Dillon Environmental Services, Inc. P.O. Box 1393 Ardmore, OK	(580) 226-5303 (580) 226-5372 (Fax)
Independent Trucking Drumright, OK	(918) 352-2539
Myers Construction Cushing, OK	(918) 225-7773
Watkins Construction Enid, OK	(580) 237-4288
Wildlife Rehabilitation	
International Bird Rescue, Berkeley, CA Research Center, Galveston	(888) 447-1743
Wildlife Rehab & Education, Houston, TX Michele Johnson	(713) 861-9453 (713) 604-0303 (Pager) (281) 332-8319 (713) 279-1417 (Pager)
Tri-State Bird Rescue Research Center, Newark, DE	(302) 737-7241 (800) 710-0695 (Pager)

3.0 SPILL DETECTION AND ON-SCENE SPILL MITIGATION PROCEDURES

3.1 Spill Detection

Detection of a discharge from a pipeline system may occur in a number of ways including:

- Detection by the pipeline Control Center Supervisor (CCS)
- Visual detection by Company field personnel or pipeline patrols
- Visual detection by the public

(b) (7)(F)

[redacted]

(b) (7)(F)

[redacted]

(b) (7)(F)

- **Training**
  All operators are compliant with DOT 195 Operator Qualification Requirements.

Visual Detection by Company Personnel

Aerial patrol flights will be made 26 times a year not to exceed 21 days apart. If unable to fly, area personnel will walk or drive the right-of-way. The intent of the patrol is to observe the area directly over the pipeline right-of-way for leaks, exposed pipes, washes, missing markers, and other unusual conditions. Construction on either side of the pipeline right-of-way is also monitored. Discharges to the land or surface waters may also be detected by Company personnel during regular operations and inspections. Should a leak be detected, the appropriate actions are taken including but not limited to:

- Notifications as per **SECTION 2**
- A preliminary assessment of the incident area
- **If appropriate, initiate initial response actions per SECTION 4**

TABLE 4.1 provides a checklist for initial response actions.

Visual Detection by the Public

Right-of-way marker signs are installed and maintained at road crossing and other noticeable points and provide an Operations Control 24-hour number for reporting emergency situations. The Company also participates in the "call before you dig" or "One Call" utility notification services which can be contacted to report a leak and determine the owner/operator of the pipeline. If the notification is made to a local office or pump station, the Company representative receiving the call will generally implement the following actions:

- Notify the Pipeline Control and region/designated office
- Dispatch Company field personnel to the site to confirm discharge and conduct preliminary assessment
- Notify their immediate area supervisor and provide assessment results
- Follow the Procedure for Investigating Incoming Call Reports of Potential Pipeline Releases

Pipeline Shutdown

If any of these situations are outside the expected values, abnormal conditions are considered to exist. If abnormal conditions exist, Pipeline Control will take the appropriate actions to ensure that a release does not occur. If a discharge has occurred, Pipeline Control will take actions to limit the magnitude. In either case, appropriate actions taken by Company personnel could include, but are not limited to:

- Shut down affected line segment if there is an indication of a leak
- Isolate line segment
- Depressurize line
- Start internal and external notifications
- Mobilize additional personnel as required

3.2 Spill Mitigation Procedures

Each spill mitigation situation is unique and must be treated according to the circumstance present. In every situation, however, **personnel safety must be assessed as the first priority**. The potential for ignition and/or toxic exposure must be promptly evaluated. An example of spill mitigation procedures is listed below:

TABLE 3-1 – SPILL MITIGATION PROCEDURES

TYPE	MITIGATION PROCEDURE
Failure of Transfer Equipment	1. Personnel safety is the first priority. Evacuate nonessential personnel or personnel at high risk. 2. Terminate transfer operations and close block valves. 3. Drain product into containment areas if possible. 4. Eliminate sources of vapor cloud ignition by shutting down all engines and motors.
Tank Overfill/Failure	1. Personnel safety is the first priority. Evacuate nonessential personnel or personnel at high risk. 2. Shut down or divert source of incoming flow to tank. 3. Transfer fluid to another tank with adequate storage capacity (if possible). 4. Shut down source of vapor cloud ignition by shutting down all engines and motors. 5. Ensure that dike discharge valves are closed. 6. Monitor diked containment area for leaks and potential capacity limitations. 7. Begin transferring spilled product to another tank as soon as possible
Piping Rupture/Leak (under pressure and no pressure)	1. Personnel safety is the first priority. Evacuate nonessential personnel or personnel at high risk. 2. Shut down pumps. Close the closest block valves on each side of the rupture. 3. Drain the line back into contained areas (if possible). Alert nearby personnel of potential safety hazards. 4. Shut down source of vapor cloud ignition by shutting down all engines and motors. 5. If piping is leaking and under pressure, then relieve pressure by draining into a containment area or back to a tank (if possible). Then repair line according to established procedures.

TYPE	MITIGATION PROCEDURE
Fire/Explosion	1. Personnel safety is the first priority. Evacuate nonessential personnel or personnel at risk of injury. 2. Notify local fire and police departments. 3. Attempt to extinguish fire if it is in incipient (early) stage and **if it can be done safely**. 4. Shut down transfer or pumping operation. Attempt to divert or stop flow of product to the hazardous area (if it can be done safely). 5. Eliminate sources of vapor cloud ignition shutting down all engines and motors. 6. Control fire before taking steps to contain spill.
Manifold Failure	1. Personnel safety is the first priority. Evacuate nonessential personnel or personnel at high risk. 2. Terminate transfer operations immediately. 3. Isolate the damaged area by closing block valves on both sides of the leak/rupture. 4. Shut down source of vapor cloud ignition by shutting down all engines and motors. 5. Drain fluids back into containment areas (if possible).

3.3 Response Equipment

Emergency equipment is available to allow personnel to respond safely and quickly to emergency situations. Fire extinguishers are located throughout the facility and meet National Fire Prevention Association (NFPA) and OSHA standards.. All other response equipment will be supplied by the OSROs listed in **TABLE 2-5**. This equipment is maintained regularly and inspected on a monthly basis. OSRO resources and response times are verified periodically.

Response equipment is mobilized and deployed by the Maintenance Station Foreman or District Supervisor or their designee. The order of equipment mobilization should be as follows:

1. Closest local OSRO
2. Second closest OSRO
3. National OSRO

Sunoco Pipeline requires an annual certification from each OSRO to assure compliance with the National Preparedness for Response Exercise program (PREP) guidelines.

Each listed OSRO has their own response equipment, a minimum of 1,000 feet of containment boom, absorbents, boats, and vacuum trucks. Lists of the OSRO's equipment resources may be found in their services contract. OSRO response equipment is inspected and refurbished after every use which is typically more than once a week. The primary OSRO's equipment is checked monthly or at a minimum of once every two months. Sunoco Pipeline has ensured by contract the availability of personnel and equipment necessary to respond, to the maximum extent practicable, to a worst case discharge or a substantial threat of such discharge in this response zone.

An equipment list and list of trained personnel necessary to continue operation of the equipment and staff the oil spill removal organization for the first 7 days of a response for each of the OSRO contractors listed in **TABLE 2-5** is provided in **APPENDIX C**.

4.0 RESPONSE ACTIVITIES

4.1 Spill Response Actions. In the event of a spill, actions will be taken to protect personnel and public safety as well as the environment. The checklist provided below is an example of some of the activities conducted during a spill. Table 4-1 is an example of a Spill Response Checklist.

TABLE 4-1 – SPILL RESPONSE ACTION CHECKLIST

RESPONSE ACTION	PERSONNEL TAKING ACTION	DATE/TIME ACTION TAKEN
DOCUMENT ALL ACTIONS TAKEN		
First Person to Discover Spill		
Immediately notify Qualified Individual and Operations Control Center or posted emergency contacts. Take appropriate action to protect life and ensure safety of personnel.		
Immediately shut down terminal operations (if applicable). (b) (7)(F) [redacted].		
Secure the scene. Isolate the area and assure the safety of people and the environment. Keep people away from the scene and outside the safety perimeter.		
Advise personnel in the area of any potential threat and/or initiate evacuation procedures.		
Qualified Individual		
Assume role of Incident Commander until relieved.		
Conduct preliminary assessment of health and safety hazards.		
Request medical assistance if an injury has occurred.		
Evacuate nonessential personnel, notify emergency response agencies to provide security, and evacuate surrounding area (if necessary).		
Make appropriate regulatory notifications. • National Response Center • Appropriate State Agency (See List of Federal, State, & Local agencies along with notification procedures in **TABLES 2-3 and 2-4**)		
Call out spill response contractors (See List in **TABLE 2-5**)		
Atmospheric conditions in the release area should be monitored using a four gas meter – ensuring oxygen, H2S, carbon dioxide and lower explosive limit (LEL) are all at safe levels. Atmospheric monitoring should continue throughout the response activities These activities should be consistent with SXL's Health & Safety policy specifically HS-G-027.		

RESPONSE ACTION	PERSONNEL TAKING ACTION	DATE/TIME ACTION TAKEN
Qualified Individual (Continued)		
If safe to do so, direct facility responders to shut down and control the source of the spill. Be aware of potential hazards associated with product and ensure that flammable vapor concentrations are within safe atmosphere before sending personnel into the spill area.		
If safe to do so, direct facility responders to shut down potential ignition sources in the vicinity of the spill, including motors, electrical pumps, electrical power, etc. Keep drivers away from truck rack if spill occurs there.		
If safe to do so, direct facility responders to stabilize and contain the situation. This may include berming or deployment of containment and/or sorbent boom.		
For low flash oil (<100ºF), consider applying foam over the oil, using water spray to reduce vapors, grounding all equipment handling the oil, and using non-sparking tools.		
If there is a potential to impact shorelines, consider lining shoreline with sorbent or diversion boom to reduce impact.		
Notify Local Emergency Responders. Obtain the information necessary to complete the Accident Report - Hazardous Liquid Pipeline Systems (**APPENDIX B**) and phone this information to the HES Manager.		
On-Scene Coordinator		
Activate all or a portion of ERP (as necessary). Liaison Officer will maintain contact with notified regulatory agencies.		
Ensure the ERP has mobilized spill response contractors (if necessary). **It is much better to demobilize equipment and personnel if not needed than to delay contacting them if they are needed.**		
Document all response actions taken, including notifications, agency/media meetings, equipment and personnel mobilization and deployment, and area impacted.		
Water Based Spills: Initiate spill tracking and surveillance operations utilizing information in **SECTION 4.2**. Determine extent of pollution via surveillance aircraft or vehicle. Estimate volume of spill utilizing information in **SECTION 4.3**. Send photographer /videographer if safe.		
Land Based Spills: Initiate spill tracking and surveillance if applicable.		
SECONDARY RESPONSE ACTIONS (Refer to ERP job descriptions in **APPENDIX D**)		

4.2 Spill Tracking and Surveillance

The following guidelines should be utilized when tracking a spill and/or conducting spill surveillance:

- Surveillance of an oil spill should begin as soon as possible following discovery to enable response personnel to assess spill size, movement, and potential impact locations;
- Dispatch observers to crossings downstream or down gradient to determine the spill's maximum reach;
- Clouds, shadows, sediment, floating organic matter, submerged sand banks or wind-induced patterns on the water may resemble an oil slick if viewed from a distance;
- Sorbent pads may be used to detect oil or water;
- Use surface vessels to confirm the presence of any suspected oil slicks (if safe to do so); consider directing the vessels and photographing the vessels from the air, the latter to show their position and size relative to the slick;
- It is difficult to adequately observe oil on the water surface from a boat, dock, or shoreline;
- Spill surveillance is best accomplished through the use of helicopters or small planes; helicopters are preferred due to their superior visibility and maneuverability;
- If fixed-wing planes are to be used, high-wing types provide better visibility than low-wing types;
- All observations should be documented in writing and with photographs and/or videotapes;
- Describe the approximate dimensions of the oil slick based on available reference points (i.e. vessel, shoreline features, facilities); use the aircraft or vessel to traverse the length and width of the slick while timing each pass; calculate the approximate size and area of the slick by multiplying speed and time;
- Record aerial observations on detailed maps, such as topographic maps
- In the event of reduced visibility, such as dense fog or cloud cover, boats may have to be used to patrol the area and document the location and movements of the spill; however, this method may not be safe if the spill involves a highly flammable product;
- Surveillance is also required during spill response operations to gauge the effectiveness of response operations; to assist in locating skimmers; and to assess the spill's size, movement, and impact.

An example of a spill surveillance checklist is presented on **TABLE 4-2**.

TABLE 4-2 – SPILL SURVEILLANCE CHECKLIST

SPILL SURVEILLANCE CHECKLIST	
General Information	
Date:	Tidal or river stage (flood, ebb, slack, low water):
Time:	On-Scene Weather Conditions:
Incident Name:	Platform (helicopter, fixed-wing aircraft, boat, shore):
Observers Name:	Flight path/trackline:
Observers' Affiliation:	Altitude where observation taken:
Location of Source:	Areas not observed (i.e. foggy locations, restricted air spaces, shallow water areas):
Oil Observations	
Slick location(s):	Color and appearance (i.e. rainbow, dull or silver sheen, black or brown in color or mousse):
Slick dimensions:	Percent coverage:
Orientation of slick(s):	Is oil recoverable (Y/N)?:
Distribution of oil (i.e. windrows, streamers, pancakes or patches):	
Considerations	
• During surveillance, go beyond known impacted areas to check for additional oil spill sites • Include the name and phone number of the person making the observations • Clearly describe the locations where oil is observed and the areas where no oil has been seen	
Other Observations	

SPILL SURVEILLANCE CHECKLIST
Response Operations
Equipment deployment locations:
Boom deployment locations:
Environmental Operations
Locations of convergence lines, terrain, and sediment plumes:
Locations of debris and other features that could be mistaken for oil:
Wildlife present in area (locations and approximate numbers):
Spill Sketch (Use Additional Pages if Needed)

4.3 Estimating Spill Volumes

Early in a spill response, estimation of spill volume is required in order to:

- Report to agencies
- Determine liquid recovery requirements
- Determine personnel and equipment requirements
- Estimate disposal and interim storage requirements

Some rapid methods to estimate spill size are:

- Transfer operations: Multiply the pumping rate by the elapsed time that the leak was in progress, plus the drainage volume of the line between the two closest valves or isolation points (volume loss = pump rate [bbls/min] x elapsed time [min] + line contents [bbl])
- Tank overfills: Elapsed time multiplied by the pumping rate
- Visual assessment of the surface area and thickness (**TABLE 4-3**); **this method may yield unreliable results because:**
    - Interpretation of sheen color varies with different observers
    - Appearance of a slick varies depending upon amount of available sunlight, sea-state, and viewing angle
    - Different products may behave differently, depending upon their properties

TABLE 4-3 - OIL THICKNESS ESTIMATION CHART

OIL THICKNESS ESTIMATIONS				
STANDARD FORM	**Approx. Film Thickness**		**Approx. Quantity of Oil in Film**	
	Inches	**Millimeters**	**gallons/mile^2**	**liters/km^2**
Barely Visible	0.0000015	0.00004	25	44
Silvery	0.000003	0.00008	50	88
Slightly Colored	0.000006	0.00015	100	179
Brightly Colored	0.000012	0.0003	200	351
Dull	0.00004	0.001	666	1,167
Dark	0.00008	0.002	1,332	2,237
Thickness of light oils: 0.0010 inches to 0.00010 inches				
Thickness of heavy oils: 0.10 inches to 0.010 inches				

4.4 Emergency Response Personnel

The Emergency Response Personnel (ERP) has been created and organized to plan for and manage emergencies. The ERP is composed of Company personnel from offices within the Area. Additional personnel from outlying offices can be used (if needed). The ERP will develop strategies and priorities for a response, then will supervise contractors, handle safety and security matters, and will provide logistical support for contractor personnel. The ERP will handle all communications with the media and the public. Job descriptions for each ERP member are provided in **APPENDIX D**. The ERP will train by participating in exercises as noted in **SECTION 6.**

Activation of the ERP may be accomplished in stages. Initially, the First Responder assumes the role of Incident Commander (IC). During a spill incident, the initial IC may be able to respond without assistance from the ERP. If the situation requires more resources, he may request additional personnel or management support from the ERP. This request is made to the Qualified Individual (QI). Depending on the situation, the QI may then assume the role of Incident Commander. The QI would then call out the other ERP members. The ERP activation procedure is provided in **APPENDIX D**.

4.5 Incident Command System/Unified Command

The Incident Command System (ICS) will be used by the Company ERP for spill response. The ERP organization chart is provided in **APPENDIX D** and can be expanded or contracted as necessary.

The Unified Command System (UCS) is the accepted method of organizing key spill management entities within the Incident Command System. The primary entities include:

- Federal On-Scene Coordinator (FOSC)
- State On-Scene Coordinator (SOSC)
- Company Incident Commander

These three people share decision-making authority within the Incident Command System and are each responsible for coordinating other federal, state, and company personnel to form an effective integrated Emergency Management Team. Refer to **APPENDIX D** for detailed checklists of the ERP roles and responsibilities as well as organizational interfaces with external parties.

5.0 TRAINING PROCEDURES

5.1 Exercise Requirements and Schedules

The Company participates in the National Preparedness for Response Exercise Program (PREP) in order to satisfy the exercise requirements of the RSPA and EPA, following the Sunoco Logistics "PREP Training & Record Guide, EPP-101. Emergency responders, regulatory agencies and other stake holders are routinely invited to observe or participate in table top and equipment deployment drills.

The Facility Manager is responsible for the following aspects:

- Scheduling
- Maintaining records
- Implementing
- Evaluation of the Company's training and exercise program
- Post-drill evaluation improvements

5.2 Post Incident Review

In the case of the following spills from a 49 CFR Part 195 regulated pipeline, a Standard Incident Debriefing Form as noted in **TABLE 5-1** will be completed:

- Any spill resulting in an explosion or fire
- Any spill resulting in the death of any person
- Any spill resulting in an injury requiring inpatient hospitalization
- Any spill impacting a lake, reservoir, stream, river or similar body of water
- Any spill resulting in more than $50,000.00 in damage including the cost of damage to facilities, spill cleanup, emergency response, value of lost product and damage to property

In the case of spills from other facilities a Standard Incident Debriefing Form as noted in **TABLE 5-1** will be completed on an as determined basis which will be dictated by individual circumstances.

Pertinent facility personnel involved in the incident shall be debriefed (by the Company) within the calendar quarter after termination of operations. A Standard Incident Debriefing Form is provided in **TABLE 5-1**. The primary purpose of the post-incident review is to identify actual or potential deficiencies in the Plan and determine the changes required to correct the efficiencies.

The post-incident review is also intended to identify which response procedures, equipment, and techniques were effective and which were not and the reason(s) why. This type of information is very helpful in the development of a functional Plan by eliminating or modifying those response procedures that are less effective and emphasizing those that are highly effective. This process should also be used for evaluating training drills or exercises. Key agency personnel that were involved in the response may be invited to attend the post-incident review. A copy of the Incident debriefing form may be sent to agency personnel who were invited to the drill, but were unable to attend.

TABLE 5-1 – STANDARD INCIDENT DEBRIEFING FORM

Location**: _____**

Date: _____

Check as appropriate

Type of Exercise:
Table Top Drill ☐ Equipment Deployment ☐ Emergency Procedures ☐ Actual Spill ☐
Exercise was: Announced ☐ Unannounced ☐
Scenario: Average Most Probable ☐ Maximum Most Probable ☐ Worst Case ☐

Section I. Summary of Exercise/Incident: If documenting a tabletop exercise attach a copy of the exercise scenario. If documenting an actual spill incident or equipment deployment, describe the event. Attach additional pages if necessary or refer to IMPACT report. Note: Include additional pages if necessary.

Participants/Evaluation Team	**Company**

(Attach roster sheet if required)

Qualified Individuals:

_____

_____

Date Evaluation Conducted: _____

Section II. Exercise / Incident Response Evaluation

Check Off Plan Components Exercised:	
☐ Notifications	☐ Protection
☐ Staff Mobilization	☐ Disposal
☐ Ability to Operate within ICS	☐ Communications
☐ Discharge Control	☐ Transportation
☐ Assessment	☐ Personnel Support
☐ Containment	☐ Equipt Maint/Support
☐ Recovery	☐ Procurement
	☐ Documentation

Describe How the Following Objectives Were Exercised: (5 is excellent)

Knowledge of Facility Response Plan 1 2 3 4 5
Comments:
- Was the Plan used during the response?
- Was the Plan referenced during the response?
- Was the information in the plan accurate?
- What changes to the Plan are recommended?

Notification Phase: 1 2 3 4 5
Comments:
- Were the numbers in the Plan correct?
- Were their any numbers missing from the Plan?
- Were notifications made in a timely manner?
- Are any corrections to the Plan necessary?

Communications system: 1 2 3 4 5
Comments:
- Were operational units able to communicate directly with the ICS team?
- Could the ICS team communicate efficiently with all necessary parties?
- Did communication abilities affect decision making?
- Were the frequency of update meetings adequate?

Response Efforts: 1 2 3 4 5
Comments:
- Were SXL response actions done in a timely manner?
- Were resources requested in a timely manner?
- Were adequate SXL resources available in a timely manner?

What if any improvements could be made?
Did information get properly communicated during the update meetings?
Was the ICS team established in a timely manner?
Was the ICS team properly staffed?

OSRO Performance : 1 2 3 4 5
Comments:

Did the OSRO respond in a timely manner?
Did the OSRO respond with the proper resources?
Did the OSRO have enough resources?
Was the OSRO's performance adequate?
Were the OSRO's personnel knowledgeable in their assigned tasks?
Was the OSRO's equipment in good working order?

Coordination with Agencies: 1 2 3 4 5
Comments:

Did regulatory agencies come to the spill site?
Did regulatory agencies call about the spill?
Who from the ICS team interacted with the agencies?
Were all of the appropriate agencies notified?
Who made the agency notification?
Was all of the needed information made available to the person making the notification?

Ability to access sensitive area information 1 2 3 4 5
Comments:

Did the plan contain all of the available sensitive information needed?
Was the sensitive area information available to the people in the field?
Are updates to the sensitive information required?

5.3 Training Program

The Health, Environment and Safety Training Program (HS-G-027) includes a detailed discussion of training required for personnel, regulations covered by the training, frequency of the specific training, method of training (i.e. computer based, classroom, live training by demonstration, etc.) and training duration.

Training requirements are presented in Table 5-2, below:

TABLE 5-2 – TRAINING REQUIREMENTS

Training Type	Training Characteristics
Training in Use of Oil Spill Plan	• All field personnel will be trained to properly report/monitor spills • Plan will be reviewed annually with all employees and contract personnel • A record of Personnel Response Training will be maintained.

OSHA Training Requirements	• All Company responders designated in Plan must have 24 hours of initial spill response training
	  ◦ Laborers having potential for minimal exposure must have 24 hours of initial oil spill response instruction and 8 hours of actual field experience
	  ◦ Spill responders having potential exposure to hazardous substances at levels exceeding permissible exposure limits must have 40 hours of initial training offsite and 24 hours of actual field experience
	  ◦ On-site management/supervisors required to receive same training as equipment operators/general laborers plus 8 hours of specialized hazardous waste management training
	  ◦ Managers/employees require 8 hours of annual refresher training

Spill Management Team Personnel Training	• Will follow EPP-101.
Training for Casual Laborers or Volunteers	• Company will not use casual laborers/volunteers for operations requiring HAZWOPER training
Hydrogen Sulfide (H_2S) Monitoring and Procedures	• Will follow HS-G-027 (Health, Environment, and Safety Training Program) and HS-G-016 (Respiratory Protection Program)
Wildlife	• Only trained personnel approved by USFWS and appropriate state agency will be used to treat oiled wildlife

Training Type	Training Characteristics
Training Documentation and Record Maintenance	• Training activity records will be retained five years for all personnel following completion of training • Company will retain training records indefinitely for individuals assigned specific duties in Plan • Training records will be retained.
Emergency Response Training	The Company has established and conducts a continuing training program to instruct emergency response personnel to: • Carry out emergency procedures established under 195.402 that relate to their assignments; • Know the characteristics and hazards of the hazardous liquids or carbon dioxide transported, including, in case of flammable HVL, flammability of mixtures with air, odorless vapors, and water reactions; • Recognize conditions that are likely to cause emergencies, predict the consequences of facility malfunctions or failures and hazardous liquids or carbon dioxide spills, and take appropriate corrective action; • Take steps necessary to control any accidental release of hazardous liquid or carbon dioxide and to minimize the potential for fire, explosion, toxicity, or environmental damage; and • Learn the proper use of fire-fighting procedures and equipment, fire suits, and breathing apparatus by utilizing, where feasible, a simulated pipeline emergency condition. At intervals not exceeding 15 months, but at least once each calendar year, the Company shall: • Review with personnel their performance in meeting the objectives of the emergency response training program set forth in 195.403(a), and • Make appropriate changes to the emergency response training program as necessary to ensure that it is effective. The Company requires and verifies that its supervisors maintain a thorough knowledge of that portion of the emergency response procedures established under 195.402 for which they are responsible to ensure compliance.

Training Type	Training Characteristics
Minimum requirements for operator qualification of individuals performing covered tasks on a pipeline facility	The Company has a written qualification program that includes provisions to: • Identify covered tasks; • Ensure through evaluation that individuals performing covered tasks are qualified; • Allow individuals that are not qualified pursuant to 49 CFR 195 Subpart G to perform a covered task if directed and observed by an individual that is qualified; • Evaluate an individual if the operator has reason to believe that the individual's performance of a covered task contributed to an accident as defined in Part 195; • Evaluate an individual if the operator has reason to believe that the individual is no longer qualified to perform a covered task; • Communicate changes that affect covered tasks to individuals performing these covered tasks; and • Identify those covered tasks and the intervals at which evaluation of the individual's qualifications is needed. **RECORDS** Each operator shall maintain records that demonstrate compliance with 49 CFR Part 195, Subpart G. Qualification records shall include: • Identification of qualified individuals • Identification of covered tasks the individual is qualified to perform • Date(s) of current qualification Records supporting an individual's current qualification shall be maintained while the individual is performing the covered task. Records of prior qualification and records of individuals no longer performing covered tasks shall be retained for a period of five years.

6.0 WORST CASE DISCHARGE SUMMARY

6.1 Worst Case Discharge Scenario

The equipment and personnel to respond to a spill are available from several sources and are provided with the equipment and contractors in **TABLE 2.5**. The following sections are discussions of these scenarios.

Worst case discharge calculations are provided in **SECTION 6.3**.

Upon discovery of a spill, the following procedures would be followed:

1. The First Responder would notify the Area Supervisor/Manager of Operations and Operations Control Center and notifications would be initiated in accordance with **SECTION 2.0**.

2. The Area Supervisor/Manager of Operations would assume the role of Incident Commander/Qualified Individual until relieved and would initiate response actions and notifications in accordance with **SECTION 2.0**. If this were a small spill, the local/company personnel may handle all aspects of the response. Among those actions would be to:

    - Conduct safety assessment and evacuate personnel as needed in accordance with **SECTION 3.2**
    - Direct facility responders to shut down ignition sources
    - Direct facility personnel to position resources in accordance with **SECTION 4.0** and **SECTION 7.0**
    - Complete spill report form provided in **APPENDIX B**
    - Ensure regulatory agencies are notified

3. If this were a small or medium spill, the Qualified Individual/Incident Commander may elect for the First Responder to remain the Incident Commander or to activate selected portions of the Emergency Management Team. However, for a large spill, the Qualified Individual would assume the role of Incident Commander and would activate the entire Emergency Management Team in accordance with activation procedures described in **SECTION 4.4**.

4. The Incident Commander would then initiate spill assessment procedures including surveillance operations, trajectory calculations, and spill volume estimating in accordance with **SECTIONS 4.2 and 4.3.**

5. The Incident Commander would then utilize checklists in **SECTION 4.0** as a reminder of issues to address. The primary focus would be to establish incident priorities and objectives and to brief staff accordingly.

6. The Emergency Management Team would develop the following plans, as appropriate (some of these plans may not be required during a small or medium spill):
    - Site Safety and Health
    - Site Security
    - Incident Action
    - Decontamination
    - Disposal
    - Demobilization

7. The response would continue until an appropriate level of cleanup is obtained.

6.2 Planning Volume Calculations

Once the worst case discharge volume has been calculated, response resources must be identified to meet the requirements of 49 CFR 194.105(b). Calculations to determine sufficient amount of response equipment necessary to respond to a worst case discharge are described below. A demonstration of the planning volume calculations is provided below.

DOT/PHMSA Portion of Pipeline/Facilities

The worst case discharge (WCD) for the DOT portion of the pipeline and facilities, as defined in 49 CFR 194.105(b), as the largest volume of the following:

1. The pipeline's maximum shut-down response time in hours (based on historic discharge data or in the absence of such data, the operators best estimate), multiplied by the maximum flow rate expressed in barrels per hour (based on the maximum daily capacity of the pipeline), plus the largest drainage volume after shutdown of the line section(s) in the response zone expressed in barrels; or
2. The largest foreseeable discharge for the line section(s) within a response zone, expressed in barrels (cubic meters), based on the maximum historic discharge, if one exists, adjusted for any subsequent corrective or preventative action taken; or
3. If the response zone contains one or more breakout tanks, the capacity of the single largest tank or battery of tanks within a single secondary containment system, adjusted for the capacity or size of the secondary containment system, expressed in barrels.

Under PHMSA's current policy, operators are allowed to reduce the worst case discharge volume derived from 49 CFR 194.105(b)(3) by no more than 75% if an operator is taking certain spill prevention measures for their breakout tanks and presents supporting information in the response plan. An operator can reduce the worst case discharge volume based on breakout tanks in the response zones as follows:

TABLE 6-1 PHMSA PERCENT REDUCTION ALLOWED

SPILL PREVENTION MEASURES	PERCENT REDUCTION ALLOWED
Secondary containment capacity greater than 100% capacity of tank and designed according to NFPA 30	50%
Tank built, rebuilt, and repaired according to API Std 620/650/653	10%
Automatic high-level alarms/shutdowns designed according to NFPA/API RP 2350	5%
Testing/cathodic protection designed according to API Std 650/651/653	5%
Tertiary containment/drainage/treatment per NFPA 30	5%*
Maximum allowable credit or reduction	75%

Note: * - The tanks do not have tertiary containment

The worst case discharge for each response zone was based on the largest volume of the three criteria given above.

The Company has determined the worst case discharge volume to be a catastrophic line failure of the largest line section with the greatest drainage capacity in each response zone or 50 percent of the volume of the largest tank in each zone.

The line sections with the highest throughput and largest drainage volume between block valves on pump stations were chosen to calculate the pipeline worst case discharge. Although the entire discharge volume of each line was used for the worst case discharge, in an actual spill event, it would take days to drain the line completely. The line would be sealed early in the response effort.

All of the breakout tanks in the pipeline system are within adequate secondary containment, therefore, the discharge volumes for the largest tank were determined by adjusting the total tank volume downward by 50% per the company guidelines.

Considering the volume of release from a line break compared to that of historic discharge in each zone and to the volumes released from a tank failure, the tank failure was found to represent the worst case scenario.

The maximum historic discharge is not applicable for WCD covered by this plan. Given below are the tank and pipeline WCD calculations for this plan. The worst case discharge for each pipeline segment is the largest breakout tank. These tank volumes are as follows:

LOCATION	VOLUME (BBLS)
(b) (7)(F)	

(b) (7)(F)

6.4 Product Characteristics and Hazards

Pipeline systems described in this plan may transport various types of commodities including but not limited to:

- Crude Oil

The key chemical and physical characteristics of each of these oils and/or other small quantity products/chemicals are identified in **TABLE 6-2**, below.

TABLE 6-2 CHEMICAL AND PHYSICAL CHARACTERISTICS

COMMON NAME	MSDS NAME	HEALTH HAZARD	FLASH POINT	SPECIAL HAZARD	REACTIVITY	HEALTH HAZARD WARNING STATEMENT
Crude Oil	Appropriate Product Name	1	3	C, H2S	0	May Contain benzene, a carcinogen, or hydrogen sulfide, which is harmful if inhaled; flashpoint varies widely.

Health Hazard	**4 = Extremely Hazardous 3 = Hazardous 2 = Warning 1 = Slightly Hazardous 0 = No Unusual Hazard**	**Fire Hazard (Flash Point)**	**4 = Below 73° F, 22° C 3 = Below 100° F, 37° C 2 = Below 200° F, 93° C 1 = Above 200° F, 93° C 0 = Will not burn**
Special Hazard	**A = Asphyxiant C = Contains Carcinogen W = Reacts with Water Y = Radiation Hazard COR = Corrosive OX = Oxidizer H2S = Hydrogen Sulfide P = Contents under Pressure T = Hot Material**	**Reactivity Hazard**	**4 = May Detonate at Room Temperature 3 = May Detonate with Heat or Shock 2 = Violent Chemical Change with High Temperature and Pressure 1 = Not Stable if Heated 0 = Stable**

7.0 RESPONSE ZONE MAPS AND ASSOCIATED REFERENCE MATERIAL

7.1 Map Overview

The District Overview Map and multiple Pipeline Sensitivity Maps are presented in **APPENDIX E**. The District Overview map includes the entire Northern Oklahoma Response Zone and illustrates the six (10) Pipeline Sensitivity Map locations.

The pipeline sensitivity maps indicate the locations of the worst case discharge, distance between each line section in the response zone, public drinking water intakes within 5 miles of any pipeline segment, and any potentially environmentally sensitive areas located within 1 mile of any pipeline segment.

The following maps are included in this section:

- Northern Oklahoma District Overview Map
- Alva Pipeline Sensitivity Map
- Ponca City Pipeline Sensitivity Map
- Pawhuska Pipeline Sensitivity Map
- Fairview Pipeline Sensitivity Map
- Enid Pipeline Sensitivity Map
- Keystone Lake Pipeline Sensitivity Map
- Oklahoma City North Pipeline Sensitivity Map
- Bristow Pipeline Sensitivity Map
- Muskogee Pipeline Sensitivity Map
- Oklahoma City South Pipeline Sensitivity Map

A Pipeline Map Feature Index Table, **TABLE E.1**, is presented following the maps. The Pipeline Map Feature Index Table provides an explanation of potentially sensitive areas that are numerically coded on the Pipeline Sensitivity Maps.

8.0 RESPONSE PLAN REVIEW AND UPDATE PROCEDURES

8.1 Facility Response Plan Review Guidelines

In accordance with 49 CFR Part 194.121, this Plan will be reviewed annually and modified to address new or different operating conditions or information included in the Plan. Upon review of the response plan for each five-year period, revisions will be submitted to PHMSA provided the changes to the current plan are needed. If revisions are not needed, a letter stating that the plan is still current will be submitted to PHMSA.

Company internal policy states that the Plan will be reviewed at least annually and modified as appropriate. In the event the Company experiences a Worst Case Discharge, the effectiveness of the plan will be evaluated and updated as necessary. If a new or different operating condition or information would substantially affect the implementation of the Plan, the Company will modify the Plan to address such a change and, within 30 days of making such a change, submit the change to PHMSA. Examples of changes in operating conditions that would cause a significant change to the Plan include the following:

CONDITIONS REQUIRING REVISIONS AND SUBMISSIONS

- Relocation or replacement of the transportation system in a way that substantially affects the information included in the Plan, such as a change to the Worst Case Discharge volume.
- A change in the type of oil handled, stored, or transferred that materially alters the required response resources.
- A change in key personnel (Qualified Individuals).
- A change in the name of the Oil Spill Removal Organization (OSRO).
- Any other changes that materially affect the implementation of the Plan.
- A change in the National Oil and Hazardous Substances Pollution Contingency Plan or Area Contingency Plan that has significant impact on the equipment appropriate for response activities.

All requests for changes must be made through the Facility Manager and will be submitted to PHMSA by the Emergency Planning and Preparedness Group.

APPENDIX A

TABLE A.1 - DOT/PHMSA CROSS REFERENCE MATRIX

OPA 90 REQUIREMENTS (49 CFR 194)	LOCATION
Information Summary (Section 1)	
• For the core plan:	N/A
• Name and address of operator	SECTION 1.1
• For each Response Zone which contains one or more line sections that meet the criteria for determining significant and substantial harm (§194.103), listing and description of Response Zones, including county(s) and state(s)	TABLE 1.2
• For each Response Zone appendix:	N/A
• Information summary for core plan	SECTION 1.1
• QI names and telephone numbers, available on 24-hr basis	TABLE 1.1
• Description of Response Zone, including county(s) and state(s) in which a worst case discharge could cause substantial harm to the environment	TABLE 1.1, TABLE 1.2
• List of line sections contained in Response Zone, identified by milepost or survey station or other operator designation	TABLE 1.2
• Basis for operator's determination of significant and substantial harm	TABLE 1.2
• The type of oil and volume of the worst case discharge	TABLE 1.2, SECTION 6.0
• Certification that the operator has obtained, through contract or other approved means, the necessary private personnel and equipment to respond, to the maximum extent practicable, to a worst case discharge or threat of such discharge	SECTION 1.3
Notification Procedures (Section 2)	
• Notification requirements that apply in each area of operation of pipelines covered by the plan, including applicable state or local requirements	SECTION 2
• Checklist of notifications the operator or Qualified Individual is required to make under the response plan, listed in the order of priority	TABLE 2.2, TABLE 2.3
• Name of persons (individuals or organizations) to be notified of discharge, indicating whether notification is to be performed by operating personnel or other personnel	TABLE 2.2, TABLE 2.3
• Procedures for notifying Qualified Individuals	SECTION 2.1, TABLE 2.2
• Primary and secondary communication methods by which notifications can be made	TABLE 2.3

OPA 90 REQUIREMENTS (49 CFR 194)	LOCATION

• Information to be provided in the initial and each follow-up notification, including the following:
  • Name of pipeline
  • Time of discharge
  • Location of discharge
  • Name of oil recovered
  • Reason for discharge (e.g. material failure, excavation damage, corrosion)
  • Estimated volume of oil discharged
  • Weather conditions on scene
  • Actions taken or planned by persons on scene
	SECTION 2.2

Spill Detection and On-Scene Spill Mitigation Procedures (Section 3)	
• Methods of initial discharge detection	SECTION 3.1
• Procedures, listed in order of priority, that personnel are required to follow in responding to a pipeline emergency to mitigate or prevent any discharge from the pipeline	SECTION 3.2, TABLE 3.1

• List of equipment that may be needed in response activities based on land and navigable waters including:
  • Transfer hoses and pumps
  • Portable pumps and ancillary equipment
  • Facilities available to transport and receive oil from a leaking pipeline
  • Identification of the availability, location, and contact phone numbers to obtain equipment for response activities on a 24-hour basis
  • Identification of personnel and their location, telephone numbers, and responsibilities for use of equipment in response activities on a 24-hour basis
	SECTION 3.3, APPENDIX C

Response Activities (Section 4)	
• Responsibilities of, and actions to be taken by, operating personnel to initiate and supervise response actions pending the arrival of the Qualified Individual or other response resources identified in the response plan	SECTION 4.1, TABLE 4.1
• Qualified Individual's responsibilities and authority, including notification of the response resources identified in the response plan	SECTION 4.1, TABLE 4.1
• Procedures for coordinating the actions of the operator or Qualified Individual with the action of the OSC responsible for monitoring or directing those actions	TABLE 4.1
• Oil spill response organizations (OSRO) available through contract or other approved means, to respond to a worst case discharge to the maximum extent practicable	TABLE 2.5, APPENDIX C

OPA 90 REQUIREMENTS (49 CFR 194)	LOCATION

• For each organization identified under paragraph (d), a listing of:
  • Equipment and supplies available
  • Trained personnel necessary to continue operation of the equipment and staff the oil spill removal organization for the first seven days of the response
	APPENDIX C

List of Contacts (Section 5)	
• List of persons the Plan requires the operator to contact	TABLE 1.1, TABLE 2.1
• Qualified individuals for the operator areas of operation	TABLE 1.1
• Applicable insurance representatives or surveyors for the operator's areas of operation	TABLE 1.1
• Persons or organizations to notify for activation of response resources	TABLE 2.1, TABLE 2.2, TABLE 2.4
Training Procedures (Section 6)	
• Description of training procedures and programs of the operations	SECTION 5
Drill Procedures (Section 7)	
• Announced and unannounced drills	TABLE 5.2

• Types of drills and their frequencies; for example:
  • Manned pipeline emergency procedures and qualified individual notification drills conducted quarterly
  • Drills involving emergency actions by assigned operating or maintenance personnel and notification of qualified individual on pipeline facilities which are normally unmanned, conducted quarterly
  • Shore-based spill management team (SMT) tabletop drills conducted yearly
  • Oil spill removal organization field equipment deployment drills conducted yearly
  • A drill that exercises entire response plan for each Response Zone, would be conducted at least once every three years
	TABLE 5.2

Response Plan Review and Update Procedures (Section 8)	
• Procedures to meet §194.121	SECTION 8.1
• Procedures to review plan after a worst case discharge and to evaluate and record the plan's effectiveness	SECTION 8.1
Response Zone Appendices (Section 9)	
• Name and telephone number of the qualified individual	TABLE 1.1

• Notification procedures	SECTION 2
OPA 90 REQUIREMENTS (49 CFR 194)	**LOCATION**
• Spill detection and mitigation procedures	SECTION 3.0
• Name, address, and telephone number of oil spill response organizations	TABLE 2.5
• Response activities and response resources including— • Equipment and supplies necessary to meet §194.115, and • The trained personnel necessary to sustain operation of the equipment and to staff the oil spill removal organization and spill management team for the first 7 days of the response	TABLE 2.5, APPENDIX C
• Names and telephone numbers of Federal, state and local agencies which the operator expects to assume pollution response responsibilities	TABLE 2.3, TABLE 2.4
• The worst case discharge volume	SECTION 6.0
• The method used to determine the worst case discharge volume, with calculations	SECTION 6.3
• A map that clearly shows: • Location of worst case discharge • Distance between each line section in the Response Zone: • Each potentially affected public drinking water intake, lake, river, and stream within a radius of five miles of the line section • Each potentially affected environmentally sensitive area within a radius of one mile of the line section	APPENDIX E
• Piping diagram and plan-profile drawing of each line section; (may be kept separate from the response plan if the location is identified)	APPENDIX E
• For every oil transported by each pipeline in the response zone, emergency response data that: • Include name, description, physical and chemical characteristics, health and safety hazards, and initial spill handling and firefighting methods • Meet 29 CFR 1910.1200 or 49 CFR 172.602	SECTION 6.4

APPENDIX B

NOTICE: This report is required by 49 CFR Part 195. Failure to report can result in a civil penalty not to exceed $100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed $1,000,000 as provided in 49 USC 60122.

OMB NO: 2137-0047
EXPIRATION DATE: 01/31/2013

U.S. Department of Transportation
Pipeline and Hazardous Materials
Safety Administration

ACCIDENT REPORT – HAZARDOUS LIQUID PIPELINE SYSTEMS

Report Date _____

No. _____ (DOT Use Only)

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0047. Public reporting for this collection of information is estimated to be approximately 10 hours per response (5 hours for a small release), including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

INSTRUCTIONS

Important: *Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline. Note: Certain low consequence accidents only require the information indicated in the shaded fields.*

PART A – KEY REPORT INFORMATION

*Report Type: *(select all that apply)* ☐ Original ☐ Supplemental ☐ Final

*1. Operator's OPS-issued Operator Identification Number (OPID): /___/___/___/___/___/___/

*2. Name of Operator: _____

*3. Address of Operator:

*3.a _____ (Street Address)

*3.b _____ (City)

*3.c State: /___/___/

*3.d Zip Code: /___/___/___/___/___/ - /___/___/___/___/

*4. Local time *(24-hr clock)* and date of the Accident:
/___/___/___/___/ Hour /___/___/ Month /___/___/ Day /___/___/ Year

*5. Location of Accident:
Latitude: /___/___/ . /___/___/___/___/___/
Longitude: -/___/___/___/ . /___/___/___/___/___/

6. National Response Center Report Number (if applicable):
/___/___/___/___/___/___/___/

7. Local time *(24-hr clock)* and date of initial telephonic report to the National Response Center (if applicable):
/___/___/___/___/ Hour /___/___/ Month /___/___/ Day /___/___/ Year

*8. Commodity released: *(select only one, based on predominant volume released)*

☐ Crude Oil

☐ Refined and/or Petroleum Product (non-HVL) which is a Liquid at Ambient Conditions
- ○ Gasoline (non-Ethanol)
- ○ Diesel, Fuel Oil, Kerosene, Jet Fuel
- ○ Mixture of Refined Products (transmix or other mixture)
- ○ Other ⇨ Name: _____

☐ HVL or Other Flammable or Toxic Fluid which is a Gas at Ambient Conditions
- ○ Anhydrous Ammonia
- ○ LPG (Liquefied Petroleum Gas) / NGL (Natural Gas Liquid)
- ○ Other HVL ⇨ Name: _____

☐ CO_2 (Carbon Dioxide)

☐ Biofuel / Alternative Fuel (including ethanol blends)
- ○ Fuel Grade Ethanol
- ○ Ethanol Blend ⇨ % Ethanol: /___/___/
- ○ Biodiesel ⇨ Blend (e.g. B2, B20, B100): B/___/___/___/
- ○ Other ⇨ Name: _____

*9. Estimated volume of commodity released unintentionally: /___/___/___/,/___/___/___/./___/___/ Barrels

10. Estimated volume of intentional and/or controlled release/blowdown: /___/___/___/,/___/___/___/./___/___/ Barrels

*11. Estimated volume of commodity recovered: /___/___/___/,/___/___/___/./___/___/ Barrels

*12. Were there fatalities? ○ Yes ○ No

If Yes, specify the number in each category:

*12.a Operator employees /___/___/___/___/

*12.b Contractor employees working for the Operator /___/___/___/___/

*12.c Non-Operator emergency responders /___/___/___/___/

*12.d Workers working on the right-of-way, but NOT associated with this Operator /___/___/___/___/

*12.e General public /___/___/___/___/

12.f Total fatalities (sum of above) /___/___/___/___/

*13. Were there injuries requiring inpatient hospitalization? ○ Yes ○ No

If Yes, specify the number in each category:

*13.a Operator employees /___/___/___/___/

*13.b Contractor employees working for the Operator /___/___/___/___/

*13.c Non-Operator emergency responders /___/___/___/___/

*13.d Workers working on the right-of-way, but NOT associated with this Operator /___/___/___/___/

*13.e General public /___/___/___/___/

13.f Total injuries (sum of above) /___/___/___/___/

14. Was the pipeline/facility shut down due to the Accident?

○ Yes ○ No ⇨ Explain: _____

If Yes, complete Questions 14.a and 14.b: *(use local time, 24-hr clock)*

14.a Local time and date of shutdown /___/___/___/___/ (Hour) /___/___/ (Month) /___/___/ (Day) /___/___/ (Year)

14.b Local time pipeline/facility restarted /___/___/___/___/ (Hour) /___/___/ (Month) /___/___/ (Day) /___/___/ (Year) ○ Still shut down* *(*Supplemental Report required)*

*15. Did the commodity ignite? ○ Yes ○ No

*16. Did the commodity explode? ○ Yes ○ No

17. Number of general public evacuated: /___/___/___/,/___/___/___/

18. Time sequence: *(use local time, 24-hour clock)*

18.a Local time Operator identified Accident /___/___/___/___/ (Hour) /___/___/ (Month) /___/___/ (Day) /___/___/ (Year)

18.b Local time Operator resources arrived on site /___/___/___/___/ (Hour) /___/___/ (Month) /___/___/ (Day) /___/___/ (Year)

PART B – ADDITIONAL LOCATION INFORMATION

*1. Was the origin of the Accident onshore?
○ Yes *(Complete Questions 2-12)* ○ No *(Complete Questions 13-15)*

If Onshore:

*2. State: /___/___/

*3. Zip Code: /___/___/___/___/___/ - /___/___/___/___/

4. _____ City 5. _____ County or Parish

6. Operator-designated location: *(select only one)*
☐ Milepost/Valve Station *(specify in shaded area below)*
☐ Survey Station No. *(specify in shaded area below)*

/ / / / / / / / / / / / / /

7. Pipeline/Facility name:

8. Segment name/ID:

*9. Was Accident on Federal land, other than the Outer Continental Shelf (OCS)? ○ Yes ○ No

*10. Location of Accident: *(select only one)*
☐ Totally contained on Operator-controlled property
☐ Originated on Operator-controlled property, but then flowed or migrated off the property
☐ Pipeline right-of-way

*11. Area of Accident (as found): *(select only one)*
☐ Tank, including attached appurtenances
☐ Underground ⇨ Specify: ○ Under soil
○ Under a building ○ Under pavement
○ Exposed due to excavation
○ In underground enclosed space (e.g., vault)
○ Other _____
Depth-of-Cover (in): /___/___/___/___/
☐ Aboveground ⇨ Specify:
○ Typical aboveground facility piping or appurtenance
○ Overhead crossing
○ In or spanning an open ditch
○ Inside a building ○ Inside other enclosed space
○ Other _____
☐ Transition Area ⇨ Specify: ○ Soil/air interface ○ Wall sleeve ○ Pipe support or other close contact area
○ Other _____

*12. Did Accident occur in a crossing?: ○ Yes ○ No
If Yes, specify type below:
☐ Bridge crossing ⇨ Specify: ○ Cased ○ Uncased
☐ Railroad crossing ⇨ *(select all that apply)*
○ Cased ○ Uncased ○ Bored/drilled
☐ Road crossing ⇨ *(select all that apply)*
○ Cased ○ Uncased ○ Bored/drilled
☐ Water crossing
⇨ Specify: ○ Cased ○ Uncased
Name of body of water, if commonly known:
_____
Approx. water depth (ft) at the point of the Accident:
/___/___/___/___/
(select only one of the following)
○ Shoreline/Bank crossing
○ Below water, pipe in bored/drilled crossing
○ Below water, pipe buried below bottom (NOT in bored/drilled crossing)
○ Below water, pipe on or above bottom

If Offshore:

*13. Approximate water depth (ft.) at the point of the Accident:
/___/___/___/___/___/

*14. Origin of Accident:
☐ In State waters
⇨ Specify: State: /___/___/
Area: _____
Block/Tract #: /___/___/___/___/
Nearest County/Parish: _____
☐ On the Outer Continental Shelf (OCS)
⇨ Specify: Area: _____
Block #: /___/___/___/___/

*15. Area of Accident: *(select only one)*
☐ Shoreline/Bank crossing or shore approach
☐ Below water, pipe buried or jetted below seabed
☐ Below water, pipe on or above seabed
☐ Splash Zone of riser
☐ Portion of riser outside of Splash Zone, including riser bend
☐ Platform

PART C – ADDITIONAL FACILITY INFORMATION

*1. Is the pipeline or facility:
- ☐ Interstate
- ☐ Intrastate

*2. Part of system involved in Accident: *(select only one)*
- ☐ Onshore Breakout Tank or Storage Vessel, Including Attached Appurtenances ⇨ ○ Atmospheric or Low Pressure ○ Pressurized
- ☐ Onshore Terminal/Tank Farm Equipment and Piping
- ☐ Onshore Equipment and Piping Associated with Belowground Storage
- ☐ Onshore Pump/Meter Station Equipment and Piping
- ☐ Onshore Pipeline, Including Valve Sites
- ☐ Offshore Platform/Deepwater Port, Including Platform-mounted Equipment and Piping
- ☐ Offshore Pipeline, Including Riser and Riser Bend

*3. Item involved in Accident: *(select only one)*

☐ Pipe ⇨ Specify: ○ Pipe Body ○ Pipe Seam

3.a Nominal diameter of pipe (in): /__/__/./__/__/__/

3.b Wall thickness (in): /__/./__/__/__/

3.c SMYS (Specified Minimum Yield Strength) of pipe (psi): /__/__/__/,/__/__/__/

3.d Pipe specification: _____

3.e Pipe Seam ⇨ Specify:
○ Longitudinal ERW - High Frequency ○ Single SAW ○ Flash Welded
○ Longitudinal ERW - Low Frequency ○ DSAW ○ Continuous Welded
○ Longitudinal ERW – Unknown Frequency ○ Furnace Butt Welded
○ Spiral Welded ERW ○ Spiral Welded SAW ○ Spiral Welded DSAW
○ Lap Welded ○ Seamless ○ Other _____

3.f Pipe manufacturer: _____

3.g Year of manufacture: /__/__/__/__/

3.h Pipeline coating type at point of Accident
⇨ Specify:
○ Fusion Bonded Epoxy ○ Coal Tar ○ Asphalt ○ Polyolefin
○ Extruded Polyethylene ○ Field Applied Epoxy ○ Cold Applied Tape ○ Paint
○ Composite ○ None ○ Other _____

☐ Weld, including heat-affected zone ⇨ Specify: ○ Pipe Girth Weld ○ Other Butt Weld ○ Fillet Weld ○ Other_____

☐ Valve ○ Mainline ⇨ Specify: ○ Butterfly ○ Check ○ Gate ○ Plug ○ Ball ○ Globe
○ Other _____

3.i Mainline valve manufacturer: _____

3.j Year of manufacture: /__/__/__/__/

○ Relief Valve
○ Auxiliary or Other Valve

☐ Pump
☐ Meter/Prover
☐ Scraper/Pig Trap
☐ Sump/Separator
☐ Repair Sleeve or Clamp
☐ Hot Tap Equipment
☐ Stopple Fitting
☐ Flange
☐ Relief Line
☐ Auxiliary Piping (e.g. drain lines)
☐ Tubing
☐ Instrumentation

☐ Tank/Vessel ⇨ Specify: ○ Single Bottom System ○ Double Bottom System ○ Tank Shell ○ Chime
○ Roof/Roof Seal ○ Roof Drain System ○ Mixer ○ Pressure Vessel Head or Wall
○ Appurtenance ○ Other

☐ Other _____

4. Year item involved in Accident was installed: /__/__/__/__/

*5. Material involved in Accident: (*select only one)*

☐ Carbon Steel

☐ Material other than Carbon Steel ⇨ Specify: _____

*6. Type of Accident involved: *(select only one)*

☐ Mechanical Puncture ⇨ Approx. size: /__/__/__/__/./__/in. (axial) by /__/__/__/__/./__/in. (circumferential)

☐ Leak ⇨ Select Type: ○ Pinhole ○ Crack ○ Connection Failure ○ Seal or Packing ○ Other

☐ Rupture ⇨ Select Orientation: ○ Circumferential ○ Longitudinal ○ Other _____

Approx. size: /__/__/__/__/./__/ in. (widest opening) by /__/__/__/__/__/./__/in. (length circumferentially or axially)

☐ Overfill or Overflow

☐ Other ⇨ Describe: _____

PART D – ADDITIONAL CONSEQUENCE INFORMATION

1. Wildlife impact: ○ Yes ○ No

1.a If Yes, specify all that apply:

☐ Fish/aquatic
☐ Birds
☐ Terrestrial

*2. Soil contamination: ○ Yes ○ No

3. Long term impact assessment performed or planned: ○ Yes ○ No

4. Anticipated remediation: ○ Yes ○ No (not needed)

4.a If Yes, specify all that apply:

☐ Surface water ☐ Groundwater ☐ Soil ☐ Vegetation ☐ Wildlife

*5. Water contamination: ○ Yes ⇨ *(Complete 5.a – 5.c below)* ○ No

*5.a Specify all that apply:

☐ Ocean/Seawater
☐ Surface
☐ Groundwater
☐ Drinking water ⇨ *(Select one or both)* ○ Private Well ○ Public Water Intake

*5.b Estimated amount released in or reaching water: /___/___/___/,/___/___/___/./___/___/ Barrels

*5.c Name of body of water, if commonly known: _____

*6. At the location of this Accident, had the pipeline segment or facility been identified as one that "could affect" a High Consequence Area (HCA) as determined in the Operator's Integrity Management Program? ○ Yes ○ No

*7. Did the released commodity reach or occur in one or more High Consequence Area (HCA)? ○ Yes ○ No

7.a If Yes, specify HCA type(s): *(select all that apply)*

☐ Commercially Navigable Waterway
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?
○ Yes ○ No

☐ High Population Area
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?
○ Yes ○ No

☐ Other Populated Area
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?
○ Yes ○ No

☐ Unusually Sensitive Area (USA) – Drinking Water
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?
○ Yes ○ No

☐ Unusually Sensitive Area (USA) – Ecological
Was this HCA identified in the "could affect" determination for this Accident site in the Operator's Integrity Management Program?
○ Yes ○ No

*8. Estimated cost to Operator:

8.a Estimated cost of public and non-Operator private property damage paid/reimbursed by the Operator	$ /___/___/___/,/___/___/___/,/___/___/___/
8.b Estimated cost of commodity lost	$ /___/___/___/,/___/___/___/,/___/___/___/
8.c Estimated cost of Operator's property damage & repairs	$ /___/___/___/,/___/___/___/,/___/___/___/
8.d Estimated cost of Operator's emergency response	$ /___/___/___/,/___/___/___/,/___/___/___/
8.e Estimated cost of Operator's environmental remediation	$ /___/___/___/,/___/___/___/,/___/___/___/
8.f Estimated other costs	$ /___/___/___/,/___/___/___/,/___/___/___/
Describe	
8.g Estimated total costs (sum of above)	$ /___/___/___/,/___/___/___/,/___/___/___/

PART E – ADDITIONAL OPERATING INFORMATION

*1. Estimated pressure at the point and time of the Accident (psig): /___/___/,/___/___/___/

*2. Maximum Operating Pressure (MOP) at the point and time of the Accident (psig): /___/___/,/___/___/___/

*3. Describe the pressure on the system or facility relating to the Accident: *(select only one)*

- ☐ Pressure did not exceed MOP
- ☐ Pressure exceeded MOP, but did not exceed 110% of MOP
- ☐ Pressure exceeded 110% of MOP

*4. Not including pressure reductions required by PHMSA regulations (such as for repairs and pipe movement), was the system or facility relating to the Accident operating under an established pressure restriction with pressure limits below those normally allowed by the MOP?

- ☐ No
- ☐ Yes ⇨ (*Complete 4.a and 4.b below)*

*4.a Did the pressure exceed this established pressure restriction? ○ Yes ○ No

*4.b Was this pressure restriction mandated by PHMSA or the State? ○ PHMSA ○ State ○ Not mandated

*5. Was "Onshore Pipeline, Including Valve Sites" OR "Offshore Pipeline, Including Riser and Riser Bend" selected in PART C, Question 2?

- ☐ No
- ☐ Yes ⇨ (*Complete 5.a – 5.f below)*

5.a Type of upstream valve used to initially isolate release source: ○ Manual ○ Automatic ○ Remotely Controlled

5.b Type of downstream valve used to initially isolate release source: ○ Manual ○ Automatic ○ Remotely Controlled ○ Check Valve

5.c Length of segment initially isolated between valves (ft): /___/___/___/,/___/___/___/

5.d Is the pipeline configured to accommodate internal inspection tools?

- ☐ Yes
- ☐ No ⇨ Which physical features limit tool accommodation? *(select all that apply)*
  - ○ Changes in line pipe diameter
  - ○ Presence of unsuitable mainline valves
  - ○ Tight or mitered pipe bends
  - ○ Other passage restrictions (i.e. unbarred tee's, projecting instrumentation, etc.)
  - ○ Extra thick pipe wall (applicable only for magnetic flux leakage internal inspection tools)
  - ○ Other ⇨ Describe:_____

5.e For this pipeline, are there operational factors which significantly complicate the execution of an internal inspection tool run?

- ☐ No
- ☐ Yes ⇨ Which operational factors complicate execution? *(select all that apply)*
  - ○ Excessive debris or scale, wax, or other wall build-up
  - ○ Low operating pressure(s)
  - ○ Low flow or absence of flow
  - ○ Incompatible commodity
  - ○ Other ⇨ Describe:_____

5.f Function of pipeline system: *(select only one)*

- ☐ > 20% SMYS Regulated Trunkline/Transmission
- ☐ ≤ 20% SMYS Regulated Trunkline/Transmission
- ☐ ≤ 20% SMYS "Unregulated" Trunkline/Transmission
- ☐ > 20% SMYS Regulated Gathering
- ☐ ≤ 20% SMYS Regulated Gathering
- ☐ ≤ 20% SMYS "Unregulated" Gathering

*6. Was a Supervisory Control and Data Acquisition (SCADA)-based system in place on the pipeline or facility involved in the Accident?

☐ No

☐ Yes ⇨ 6.a Was it operating at the time of the Accident? ○ Yes ○ No

6.b Was it fully functional at the time of the Accident? ○ Yes ○ No

6.c Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the detection of the Accident? ○ Yes ○ No

6.d Did SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmation of the Accident? ○ Yes ○ No

*7. Was a CPM leak detection system in place on the pipeline or facility involved in the Accident?

☐ No

☐ Yes ⇨ 7.a Was it operating at the time of the Accident? ○ Yes ○ No

7.b Was it fully functional at the time of the Accident? ○ Yes ○ No

7.c Did CPM leak detection system information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the detection of the Accident? ○ Yes ○ No

7.d Did CPM leak detection system information (such as alarm(s), alert(s), event(s), and/or volume calculations) assist with the confirmation of the Accident? ○ Yes ○ No

*8. How was the Accident initially identified for the Operator? *(select only one)*

☐ CPM leak detection system or SCADA-based information (such as alarm(s), alert(s), event(s), and/or volume calculations)
☐ Static Shut-in Test or Other Pressure or Leak Test
☐ Controller
☐ Air Patrol
☐ Notification from Public
☐ Notification from Third Party that caused the Accident
☐ Local Operating Personnel, including contractors
☐ Ground Patrol by Operator or its contractor
☐ Notification from Emergency Responder
☐ Other _____

*8.a If "Controller", "Local Operating Personnel, including contractors", "Air Patrol", or "Ground Patrol by Operator or its contractor" is selected in Question 8, specify the following: *(select only one)*

○ Operator employee ○ Contractor working for the Operator

*9. Was an investigation initiated into whether or not the controller(s) or control room issues were the cause of or a contr buting factor to the Accident? *(select only one)*

☐ Yes, but the investigation of the control room and/or controller actions has not yet been completed by the Operator *(Supplemental Report required)*

☐ No, the facility was not monitored by a controller(s) at the time of the Accident

☐ No, the Operator did not find that an investigation of the controller(s) actions or control room issues was necessary due to: *(provide an explanation for why the Operator did not investigate)*

_____
_____
_____

☐ Yes, specify investigation result(s): *(select all that apply)*

○ Investigation reviewed work schedule rotations, continuous hours of service (while working for the Operator) and other factors associated with fatigue

○ Investigation did NOT review work schedule rotations, continuous hours of service (while working for the Operator) and other factors associated with fatigue *(provide an explanation for why not)*

_____
_____
_____

○ Investigation identified no control room issues
○ Investigation identified no controller issues
○ Investigation identified incorrect controller action or controller error
○ Investigation identified that fatigue may have affected the controller(s) involved or impacted the involved controller(s) response
○ Investigation identified incorrect procedures
○ Investigation identified incorrect control room equipment operation
○ Investigation identified maintenance activities that affected control room operations, procedures, and/or controller response
○ Investigation identified areas other than those above ⇨ Descr be: _____

_____
_____
_____

PART F – DRUG & ALCOHOL TESTING INFORMATION

*1. As a result of this Accident, were any Operator employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?

O No

O Yes ⇨ *1.a Specify how many were tested: /___/___/

*1.b Specify how many failed: /___/___/

*2. As a result of this Accident, were any Operator contractor employees tested under the post-accident drug and alcohol testing requirements of DOT's Drug & Alcohol Testing regulations?

O No

O Yes ⇨ *2.a Specify how many were tested: /___/___/

*2.b Specify how many failed: /___/___/

PART G – APPARENT CAUSE	***Select only one box from PART G in the shaded column on the left representing the APPARENT Cause of the Accident, and answer the questions on the right. Describe secondary, contributing, or root causes of the Accident in the narrative (PART H).***

G1 - Corrosion Failure – *only one **sub-cause** can be picked from shaded left-hand column

☐ External Corrosion

*1. Results of visual examination:
O Localized Pitting O General Corrosion
O Other _____

*2. Type of corrosion: *(select all that apply)*
O Galvanic O Atmospheric O Stray Current O Microbiological O Selective Seam
O Other _____

*3. The type(s) of corrosion selected in Question 2 is based on the following: *(select all that apply)*
O Field examination O Determined by metallurgical analysis
O Other _____

*4. Was the failed item buried under the ground?
O Yes ⇨ *4.a Was failed item considered to be under cathodic protection at the time of the Accident?
O Yes ⇨ Year protection started: / / / / /
O No

*4.b Was shielding, tenting, or disbonding of coating evident at the point of the Accident?
O Yes O No

*4.c Has one or more Cathodic Protection Survey been conducted at the point of the Accident?
O Yes, CP Annual Survey ⇨ Most recent year conducted: / / / / /
O Yes, Close Interval Survey ⇨ Most recent year conducted: / / / / /
O Yes, Other CP Survey ⇨ Most recent year conducted: / / / / /
O No

O No ⇨ 4.d Was the failed item externally coated or painted? O Yes O No

*5. Was there observable damage to the coating or paint in the vicinity of the corrosion?
O Yes O No

☐ Internal Corrosion

*6. Results of visual examination:
O Localized Pitting O General Corrosion O Not cut open
O Other _____

*7. Cause of corrosion: *(select all that apply)*
O Corrosive Commodity O Water drop-out/Acid O Microbiological O Erosion
O Other _____

*8. The cause(s) of corrosion selected in Question 7 is based on the following: *(select all that apply)*
O Field examination O Determined by metallurgical analysis
O Other _____

*9. Location of corrosion: *(select all that apply)*
O Low point in pipe O E bow O Other_____

*10. Was the commodity treated with corrosion inhibitors or biocides? O Yes O No

11. Was the interior coated or lined with protective coating? O Yes O No

12. Were cleaning/dewatering pigs (or other operations) routinely utilized?
O Not applicable - Not mainline pipe O Yes O No

13. Were corrosion coupons routinely utilized?
O Not applicable - Not mainline pipe O Yes O No

Complete the following if any Corrosion Failure sub-cause is selected AND the "Item Involved in Accident" (from PART C, Question 3) is Tank/Vessel.

14. List the year of the most recent inspections:
14.a API Std 653 Out-of-Service Inspection / / / / / O No Out-of-Service Inspection completed
14.b API Std 653 In-Service Inspection / / / / / O No In-Service Inspection completed

Complete the following if any Corrosion Failure sub-cause is selected AND the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld.

15. Has one or more internal inspection tool collected data at the point of the Accident?
O Yes O No

15.a. If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run:

O Magnetic Flux Leakage Tool /__/__/__/__/
O Ultrasonic /__/__/__/__/
O Geometry /__/__/__/__/
O Caliper /__/__/__/__/
O Crack /__/__/__/__/
O Hard Spot /__/__/__/__/
O Combination Tool /__/__/__/__/
O Transverse Field/Triaxial /__/__/__/__/
O Other _____ /__/__/__/__/

16. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?
O Yes ⇨ Most recent year tested: /__/__/__/__/ Test pressure (psig): /__/__/__/__/__/
O No

17. Has one or more Direct Assessment been conducted on this segment?
O Yes, and an investigative dig was conducted at the point of the Accident ⇨ Most recent year conducted: /__/__/__/__/
O Yes, but the point of the Accident was not identified as a dig site ⇨ Most recent year conducted: /__/__/__/__/
O No

18. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?
O Yes O No

18.a If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted:

O Radiography /__/__/__/__/
O Guided Wave Ultrasonic /__/__/__/__/
O Handheld Ultrasonic Tool /__/__/__/__/
O Wet Magnetic Particle Test /__/__/__/__/
O Dry Magnetic Particle Test /__/__/__/__/
O Other _____ /__/__/__/__/

G2 - Natural Force Damage - *only one **sub-cause** can be picked from shaded left-hand column

☐ **Earth Movement, NOT due to Heavy Rains/Floods**	1. Specify: O Earthquake O Subsidence O Landslide O Other _____
☐ **Heavy Rains/Floods**	2. Specify: O Washout/Scouring O Flotation O Mudslide O Other _____
☐ **Lightning**	3. Specify: O Direct hit O Secondary impact such as resulting nearby fires
☐ **Temperature**	4. Specify: O Thermal Stress O Frost Heave O Frozen Components O Other _____
☐ **High Winds**	
☐ **Other Natural Force Damage**	*5. Describe: _____

Complete the following if any Natural Force Damage sub-cause is selected.

*6. Were the natural forces causing the Accident generated in conjunction with an extreme weather event? O Yes O No

*6.a If Yes, specify: (*select all that apply*) O Hurricane O Tropical Storm O Tornado O Other _____

G3 – Excavation Damage - *only one **sub-cause** can be picked from shaded left-hand column

☐ **Excavation Damage by Operator (First Party)**

☐ **Excavation Damage by Operator's Contractor (Second Party)**

☐ **Excavation Damage by Third Party**

☐ **Previous Damage due to Excavation Activity**

Complete Questions 1-5 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld.

1. Has one or more internal inspection tool collected data at the point of the Accident?
   O Yes O No

   1.a If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run:

   - O Magnetic Flux Leakage /__/__/__/__/
   - O Ultrasonic /__/__/__/__/
   - O Geometry /__/__/__/__/
   - O Caliper /__/__/__/__/
   - O Crack /__/__/__/__/
   - O Hard Spot /__/__/__/__/
   - O Combination Tool /__/__/__/__/
   - O Transverse Field/Triaxial /__/__/__/__/
   - O Other _____ /__/__/__/__/

2. Do you have reason to believe that the internal inspection was completed BEFORE the damage was sustained? O Yes O No

3. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?

   O Yes ⇨ Most recent year tested: /__/__/__/__/
   Test pressure (psig): /__/__/,/__/__/__/
   O No

4. Has one or more Direct Assessment been conducted on the pipeline segment?

   O Yes, and an investigative dig was conducted at the point of the Accident
   ⇨ Most recent year conducted: /__/__/__/__/
   O Yes, but the point of the Accident was not identified as a dig site
   ⇨ Most recent year conducted: /__/__/__/__/
   O No

5. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002?
   O Yes O No

   5.a If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted:

   - O Radiography /__/__/__/__/
   - O Guided Wave Ultrasonic /__/__/__/__/
   - O Handheld Ultrasonic Tool /__/__/__/__/
   - O Wet Magnetic Particle Test /__/__/__/__/
   - O Dry Magnetic Particle Test /__/__/__/__/
   - O Other _____ /__/__/__/__/

Complete the following if Excavation Damage by Third Party is selected as the sub-cause.

6. Did the Operator get prior notification of the excavation activity? O Yes O No

*6.a If Yes, Notification received from: *(select all that apply)* O One-Call System O Excavator O Contractor O Landowner

Complete the following mandatory CGA-DIRT Program questions if any Excavation Damage sub-cause is selected.

7. Do you want PHMSA to upload the following information to CGA-DIRT (www.cga-dirt.com)? ○Yes ○ No

*8. Right-of-Way where event occurred: *(select all that apply)*

☐ Public ⇨ Specify: ○ City Street ○ State Highway ○ County Road ○ Interstate Highway ○ Other

☐ Private ⇨ Specify: ○ Private Landowner ○ Private Business ○ Private Easement

☐ Pipeline Property/Easement
☐ Power/Transmission Line
☐ Railroad
☐ Dedicated Public Utility Easement
☐ Federal Land
☐ Data not collected
☐ Unknown/Other

*9. Type of excavator: *(select only one)*

○ Contractor ○ County ○ Developer ○ Farmer ○ Municipality ○ Occupant
○ Railroad ○ State ○ Utility ○ Data not collected ○ Unknown/Other

*10. Type of excavation equipment: *(select only one)*

○ Auger ○ Backhoe/Trackhoe ○ Boring ○ Drilling ○ Directional Drilling
○ Explosives ○ Farm Equipment ○ Grader/Scraper ○ Hand Tools ○ Milling Equipment
○ Probing Device ○ Trencher ○ Vacuum Equipment ○ Data not collected ○ Unknown/Other

*11. Type of work performed: *(select only one)*

○ Agriculture ○ Cable TV ○ Curb/Sidewalk ○ Building Construction ○ Building Demolition
○ Drainage ○ Driveway ○ Electric ○ Engineering/Surveying ○ Fencing
○ Grading ○ Irrigation ○ Landscaping ○ Liquid Pipeline ○ Milling
○ Natural Gas ○ Pole ○ Public Transit Authority ○ Railroad Maintenance ○ Road Work
○ Sewer (Sanitary/Storm) ○ Site Development ○ Steam ○ Storm Drain/Culvert ○ Street Light
○ Telecommunications ○ Traffic Signal ○ Traffic Sign ○ Water ○ Waterway Improvement
○ Data not collected ○ Unknown/Other

*12. Was the One-Call Center notified? ○ Yes ○ No

*12.a If Yes, specify ticket number: / / / / / / / / / / / / / / / / / / /

*12.b If this is a State where more than a single One-Call Center exists, list the name of the One-Call Center notified:

_____

*13. Type of Locator: ○ Utility Owner ○ Contract Locator ○ Data not collected ○ Unknown/Other

*14. Were facility locate marks vis ble in the area of excavation? ○ No ○ Yes ○ Data not collected ○ Unknown/Other

*15. Were facilities marked correctly? ○ No ○ Yes ○ Data not collected ○ Unknown/Other

*16. Did the damage cause an interruption in service? ○ No ○ Yes ○ Data not collected ○ Unknown/Other

*16.a If Yes, specify duration of the interruption: / / / / / hours

(This CGA-DIRT section continued on next page with Question 17.)

*17. Description of the CGA-DIRT Root Cause *(select only the one predominant first level CGA-DIRT Root Cause and then, where available as a choice, the one predominant second level CGA-DIRT Root Cause as well)*:

☐ One-Call Notification Practices Not Sufficient: *(select only one)*

- ○ No notification made to the One-Call Center
- ○ Notification to One-Call Center made, but not sufficient
- ○ Wrong information provided

☐ Locating Practices Not Sufficient: *(select only one)*

- ○ Facility could not be found/located
- ○ Facility marking or location not sufficient
- ○ Facility was not located or marked
- ○ Incorrect facility records/maps

☐ Excavation Practices Not Sufficient: *(select only one)*

- ○ Excavation practices not sufficient (other)
- ○ Failure to maintain clearance
- ○ Failure to maintain the marks
- ○ Failure to support exposed facilities
- ○ Failure to use hand tools where required
- ○ Failure to verify location by test-hole (pot-holing)
- ○ Improper backfilling

☐ One-Call Notification Center Error

☐ Abandoned Facility

☐ Deteriorated Facility

☐ Previous Damage

☐ Data Not Collected

☐ Other / None of the Above *(explain)*_____

_____

G4 - Other Outside Force Damage - *only one **sub-cause** can be picked from shaded left-hand column

☐ **Nearby Industrial, Man-made, or Other Fire/Explosion as Primary Cause of Accident**	
☐ **Damage by Car, Truck, or Other Motorized Vehicle/Equipment NOT Engaged in Excavation**	1. Vehicle/Equipment operated by: *(select only one)* O Operator O Operator's Contractor O Third Party
☐ **Damage by Boats, Barges, Drilling Rigs, or Other Maritime Equipment or Vessels Set Adrift or Which Have Otherwise Lost Their Mooring**	2. Select one or more of the following IF an extreme weather event was a factor: O Hurricane O Tropical Storm O Tornado O Heavy Rains/Flood O Other _____
☐ **Routine or Normal Fishing or Other Maritime Activity NOT Engaged in Excavation**	
☐ **Electrical Arcing from Other Equipment or Facility**	
☐ **Previous Mechanical Damage NOT Related to Excavation**	**Complete Questions 3-7 ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is Pipe or Weld.** 3. Has one or more internal inspection tool collected data at the point of the Accident? O Yes O No 3.a If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run: O Magnetic Flux Leakage /__/__/__/__/ O Ultrasonic /__/__/__/__/ O Geometry /__/__/__/__/ O Caliper /__/__/__/__/ O Crack /__/__/__/__/ O Hard Spot /__/__/__/__/ O Combination Tool /__/__/__/__/ O Transverse Field/Triaxial /__/__/__/__/ O Other _____ /__/__/__/__/ 4. Do you have reason to believe that the internal inspection was completed BEFORE the damage was sustained? O Yes O No 5. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident? O Yes ⇨ Most recent year tested: /__/__/__/__/ Test pressure (psig): /__/__/,/__/__/__/ O No 6. Has one or more Direct Assessment been conducted on the pipeline segment? O Yes, and an investigative dig was conducted at the point of the Accident ⇨ Most recent year conducted: /__/__/__/__/ O Yes, but the point of the Accident was not identified as a dig site ⇨ Most recent year conducted: /__/__/__/__/ O No *(This section continued on next page with Question 7.)*

	7. Has one or more non-destructive examination been conducted at the point of the Accident since January 1, 2002? O Yes O No 7.a If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted: O Radiography / / / / / O Guided Wave Ultrasonic / / / / / O Handheld Ultrasonic Tool / / / / / O Wet Magnetic Particle Test / / / / / O Dry Magnetic Particle Test / / / / / O Other _____ / / / / /
☐ **Intentional Damage**	8. Specify: O Vandalism O Terrorism O Theft of transported commodity O Theft of equipment O Other _____
☐ **Other Outside Force Damage**	*9. Descr be: _____

G5 - Material Failure of Pipe or Weld

Use this section to report material failures ONLY IF the "Item Involved in Accident" (from PART C, Question 3) is "Pipe" or "Weld."

*Only one **sub-cause** can be picked from shaded left-hand column

1. The sub-cause selected below is based on the following: *(select all that apply)*

☐ Field Examination ☐ Determined by Metallurgical Analysis ☐ Other Analysis_____

☐ Sub-cause is Tentative or Suspected; Still Under Investigation *(Supplemental Report required)*

☐ **Construction-, Installation-, or Fabrication-related**

☐ **Original Manufacturing-related (NOT girth weld or other welds formed in the field)**

2. List contributing factors: *(select all that apply)*

☐ Fatigue- or Vibration-related:
- ○ Mechanically-induced prior to installation (such as during transport of pipe)
- ○ Mechanical Vibration
- ○ Pressure-related
- ○ Thermal
- ○ Other _____

☐ Mechanical Stress

☐ Other _____

☐ **Environmental Cracking-related**

3. Specify: ○ Stress Corrosion Cracking ○ Sulfide Stress Cracking ○ Hydrogen Stress Cracking ○ Other _____

Complete the following if any Material Failure of Pipe or Weld sub-cause is selected.

*4. Additional factors: *(select all that apply)* ○ Dent ○ Gouge ○ Pipe Bend ○ Arc Burn ○ Crack ○ Lack of Fusion ○ Lamination ○ Buckle ○ Wrinkle ○ Misalignment ○ Burnt Steel ○ Other _____

*5. Has one or more internal inspection tool collected data at the point of the Accident? ○ Yes ○ No

*5.a If Yes, for each tool used, select type of internal inspection tool and indicate most recent year run:

- ○ Magnetic Flux Leakage Tool /__/__/__/__/
- ○ Ultrasonic /__/__/__/__/
- ○ Geometry /__/__/__/__/
- ○ Caliper /__/__/__/__/
- ○ Crack /__/__/__/__/
- ○ Hard Spot /__/__/__/__/
- ○ Combination Tool /__/__/__/__/
- ○ Transverse Field/Triaxial /__/__/__/__/
- ○ Other _____ /__/__/__/__/

*6. Has one or more hydrotest or other pressure test been conducted since original construction at the point of the Accident?

○ Yes ⇨ Most recent year tested: /__/__/__/__/ Test pressure (psig): /__/__/,/__/__/__/

○ No

*7. Has one or more Direct Assessment been conducted on the pipeline segment?

○ Yes, and an investigative dig was conducted at the point of the Accident ⇨ Most recent year conducted: /__/__/__/__/

○ Yes, but the point of the Accident was not identified as a dig site ⇨ Most recent year conducted: /__/__/__/__/

○ No

*8. Has one or more non-destructive examination(s) been conducted at the point of the Accident since January 1, 2002?

○ Yes ○ No

*8.a If Yes, for each examination conducted since January 1, 2002, select type of non-destructive examination and indicate most recent year the examination was conducted:

- ○ Radiography /__/__/__/__/
- ○ Guided Wave Ultrasonic /__/__/__/__/
- ○ Handheld Ultrasonic Tool /__/__/__/__/
- ○ Wet Magnetic Particle Test /__/__/__/__/
- ○ Dry Magnetic Particle Test /__/__/__/__/
- ○ Other _____ /__/__/__/__/

G6 - Equipment Failure - *only one **sub-cause** can be picked from shaded left-hand column

☐ **Malfunction of Control/Relief Equipment**	1. Specify: *(select all that apply)* ○ Control Valve ○ Instrumentation ○ SCADA ○ Communications ○ Block Valve ○ Check Valve ○ Relief Valve ○ Power Failure ○ Stopple/Control Fitting ○ ESD System Failure ○ Other _____
☐ **Pump or Pump-related Equipment**	2. Specify: ○ Seal/Packing Failure ○ Body Failure ○ Crack in Body ○ Appurtenance Failure ○ Other _____
☐ **Threaded Connection/Coupling Failure**	3. Specify: ○ Pipe Nipple ○ Valve Threads ○ Mechanical Coupling ○ Threaded Pipe Collar ○ Threaded Fitting ○ Other _____
☐ **Non-threaded Connection Failure**	4. Specify: ○ O-Ring ○ Gasket ○ Seal (NOT pump seal) or Packing ○ Other _____
☐ **Defective or Loose Tubing or Fitting**	
☐ **Failure of Equipment Body (except Pump), Tank Plate, or other Material**	
☐ **Other Equipment Failure**	*5. Describe: _____ _____

Complete the following if any Equipment Failure sub-cause is selected.

*6. Additional factors that contributed to the equipment failure: *(select all that apply)*

- ○ Excessive v bration
- ○ Overpressurization
- ○ No support or loss of support
- ○ Manufacturing defect
- ○ Loss of electricity
- ○ Improper installation
- ○ Mismatched items (different manufacturer for tubing and tubing fittings)
- ○ Dissimilar metals
- ○ Breakdown of soft goods due to compatibility issues with transported commodity
- ○ Valve vault or valve can contributed to the release
- ○ Alarm/status failure
- ○ Misalignment
- ○ Thermal stress
- ○ Other _____

G7 - Incorrect Operation - *only one **sub-cause** can be picked from shaded left-hand column

☐ **Damage by Operator or Operator's Contractor NOT Related to Excavation and NOT due to Motorized Vehicle/Equipment Damage**	
☐ **Tank, Vessel, or Sump/Separator Allowed or Caused to Overfill or Overflow**	1. Specify: ○ Valve misalignment ○ Incorrect reference data/calculation ○ Miscommunication ○ Inadequate monitoring ○ Other _____
☐ **Valve Left or Placed in Wrong Position, but NOT Resulting in a Tank, Vessel, or Sump/Separator Overflow or Facility Overpressure**	
☐ **Pipeline or Equipment Overpressured**	
☐ **Equipment Not Installed Properly**	
☐ **Wrong Equipment Specified or Installed**	
☐ **Other Incorrect Operation**	*2. Describe: _____

Complete the following if any Incorrect Operation sub-cause is selected.

*3. Was this Accident related to: *(select all that apply)*
- ○ Inadequate procedure
- ○ No procedure established
- ○ Failure to follow procedure
- ○ Other: _____

*4. What category type was the activity that caused the Accident:
- ○ Construction
- ○ Commissioning
- ○ Decommissioning
- ○ Right-of-Way activities
- ○ Routine maintenance
- ○ Other maintenance
- ○ Normal operating conditions
- ○ Non-routine operating conditions (abnormal operations or emergencies)

*5. Was the task(s) that led to the Accident identified as a covered task in your Operator Qualification Program? ○ Yes ○ No

*5.a If Yes, were the individuals performing the task(s) qualified for the task(s)?
- ○ Yes, they were qualified for the task(s)
- ○ No, but they were performing the task(s) under the direction and observation of a qualified individual
- ○ No, they were not qualified for the task(s) nor were they performing the task(s) under the direction and observation of a qualified individual

G8 – Other Accident Cause - *only one **sub-cause** can be picked from shaded left-hand column

☐ **Miscellaneous**	*1. Describe: _____ _____
☐ **Unknown**	*2. Specify: ○ Investigation complete, cause of Accident unknown ○ Still under investigation, cause of Accident to be determined* *(*Supplemental Report required)*

PART H – NARRATIVE DESCRIPTION OF THE ACCIDENT *(Attach additional sheets as necessary)*

***PART I – PREPARER AND AUTHORIZED SIGNATURE**

*Preparer's Name (type or print)

Preparer's Telephone Number

Preparer's Title (type or print)

Preparer's E-mail Address

Preparer's Facsimile Number

Authorized Signature

*Date

Au horized Signature Telephone Number

*Authorized Signature's Name (type or print)

Authorized Signature's Title (type or print)

Au horized Signature's E-mail Address

Oklahoma

Petroleum Product (Crude Oil, Refined Product & Used Oil)				
When to Report	**Notification Numbers**	**What to Report**	**Written Follow-Up Reports**	**Citation**
Immediately Report any unpermitted discharges of petroleum greater than 10 or more barrels. **Immediately Report** any unpermitted discharges of petroleum regardless of quantity, that enter waters of the state	**If surface water is reached:** **National Response Center** (800) 424-8802 **<u>If surface water is reached:</u>** **Oklahoma Department of Environmental Quantity** (800) 522-0206 (24-hour) (405) 271-4468 (24-hour, out-of-state) **Oklahoma Corporation Commission - Oil and Gas Conservation Division - District Field Office:** See appendix for District Assignments, and Contact Info **If any fish or wildlife is killed due to the discharge:** **Oklahoma Department of Wildlife Conservation** (405) 521-3851(8am to 4:30pm)	1)Name and phone number of person making notification and relationship to entity responsible for discharge; 2)Time and date of discharge; 3)Probable source of discharge; 4)Location, both geographic and body of water; 5)Type of petroleum discharged; 6)Possible health or fire hazards; 7)Amount of petroleum discharged; 8)All actions being taken or that will be taken to clean up and remove the discharge; 9)Personnel presently on the scene; 10)Other government agencies which have been or will be notified	A written report of the incident must be submitted to the appropriate OCC office **within 10 working days**, addressing the following information: a)Name of party reporting, firm name, and telephone number; b)Legal location (Section, Township, Range); c)Lease or facility name; d)Operator; e)Circumstances surrounding discharge and whether discharge was to water or soil; f)Date of occurrence; g)Volumes discharged; h)Type of materials discharged; i)Method of cleanup (if any) undertaken and completed; j)Volumes recovered *****In addition, the operator shall maintain adequate records of each nonpermitted discharge, reflecting the information, time and manner of reporting, and shall produce such documents upon demand by an authorized representative of the Oklahoma Corporation Commission***** See Appendix for Mailing Addresses	Oklahoma Administrative Code: OAR 165:10-7-5

Pipelines					
When to Report	**Notification Numbers**	**What to Report**	**Written Follow-Up Reports**	**Mailing Address for Follow-Up Reports**	**Citation**
For All Pipelines:					
Immediately report any pipeline releases. Incidents include the following: 1)An event that involves a release of gas from a pipeline; and 2)A death, or personal injury, necessitating inpatient hospitalization; or 3)Estimated property damage, including cost of gas lost, of the operator or other, or both, of $5,000 or more; 4)An incident that is significant in the judgment of the operator, even though it did not meet the criteria above	**Oklahoma Corporation Commission - Pipeline Safety Department** (405) 521-2258	1)Name and telephone numbers of operator and of person making report; 2)Location of the incident; 3)Time of incident; 4)Number of fatalities and personal injuries, if any; 5)All other significant facts that are known by operator and relevant to the cause of the incident or extent of the damage	A written incident report based on U.S. Department of Transportation Form RSPA F 7100.1 (or RSPA F 7100-2, if a transmission or gathering pipeline system) may be required within 30 days after this incident. Call the notification numbers to inquire if a written follow-up report is required.	**Oklahoma Corporation Commission - Pipeline Safety Department** Jim Thorpe Building 2101 North Lincoln Boulevard Oklahoma City, OK 73105	Oklahoma Administrative Code: OAR 165:20-5-11

Oklahoma

For Part 195 Regulated Pipelines:					
At the earliest practicable moment following discovery of a release (within 2 hours) which results in: 1) Death or injury requiring in patient hospitalization, 2) A fire or explosion, 3) Causes property damage including cost of cleanup, recovery, damage, and value of lost product greater than $50,000, 4) Pollutes any stream, river, reservoir or other similar body of water or shoreline, 5) Is significant in the judgment of the operator (such as media coverage)	**NRC** (800) 424-8802	**NRC** 1)Name and address of operator, 2)Name and telephone number of reporter, 3)The location of the failure, 4)The time of the failure, 5)The fatalities and personal injuries, if any 6)All significant facts know by the operator that are relevant to the cause of the failure or the extent of the damages	**PHMSA (U.S. DOT)** As soon as practicable, but not later than 30 days after discovery of the accident file an accident report on DOT Form 7000-1. A supplemental report is required to be filed within 30days of receiving any changes of information from the original report. Written reports are required for any releases greater than 5 gallons even if they were not telephonically reportable, except that no report is required for spills less than 5 bbls resulting from a pipeline line maintenance activity if it is not otherwise reportable, does not pollute water, is confined to company property or ROW and is cleaned up promptly.	**PHMSA (U.S. DOT)** Information Resources Manager, Office of Pipeline Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, Room 7128, 400 Seventh Street, SW Washington, D.C. 20590	49CFR 195.50 49CFR 195.52 49CFR 195.54

Petroleum Spills from non-DOT Tanks				
When to Report	**Notification Numbers**	**What to Report**	**Written Follow-Up Reports**	**Citation**
Report within 24 hours any spills or overfills of petroleum from a storage tank that cause a sheen on nearby surface waters **Report within 24 hours** any spills or overfills >25 gallons of petroleum from a storage tank **Report Within 24 hours** any spills or overfills <25 gallons of petroleum from a storage tank that CANNOT be cleaned up within 24 hours	**Oklahoma Corporation Commission - Petroleum Storage Tank Division** (405) 522-1437 (405) 521-4683 (8am to 4:30pm) (405) 575-5255 (after hours) **Oklahoma Department of Environmental Quality** (405) 271-4468 (24-Hour, out-of-state) (800) 522-0206 (24-Hour, in-state, Hotline)	1)Name and phone number of person making notification and relationship to entity responsible for discharge; 2)Time and date of discharge; 3)Probable source of discharge; 4)Location, both geographic and body of water; 5)Type of petroleum discharged; 6)Possible health or fire hazards; 7)Amount of petroleum discharged; 8)All actions being taken or that will be taken to clean up and remove the discharge; 9)Personnel presently on the scene; 10)Other government agencies which have been or will be notified	A written report of the incident must be submitted to the appropriate OCC office **within 10 working days**, addressing the following information: a)Name of party reporting, firm name, and telephone number; b)Legal location; c)Lease name; d)Operator; e)Circumstances surrounding discharge and whether discharge was to water or soil; f)Date of occurrence; g)Volumes discharged; h)Type of materials discharged; i)Method of cleanup (if any) undertaken and completed; j)Volumes recovered *****In addition, the operator shall maintain adequate records of each nonpermitted discharge, reflecting the information, time and manner of reporting, and shall produce such documents upon demand by an authorized representative of the Oklahoma Corporation Commission***** See Appendix for Mailing Addresses	Oklahoma Administrative Code: OAR 165:25-3-7, OAR 165:26-3-191

Oklahoma

Hazardous Waste				
When to Report	**Notification Numbers**	**What to Report**	**Written Follow-Up Reports**	**Citation**
Immediately report any releases that could threaten human health or the environment outside the facility, OR when the release has reached surface water **Immediately** report any releases that are hazardous to soil, air, surface water, or ground water	**National Response Center** (800) 424-8802 **Oklahoma Department of Environmental Quality - Waste Management Division** (405) 271-4468(24-hour, out of state) (800) 522-0206 (24-hour, in state, Hotline) **Oklahoma Department of Environmental Quality - Waste Management Division** (800) 522-0206 (24-hour, in state, Hotline) (405) 271-4468(24-hour, out of state)	1)Name and telephone number of reporter; 2)Name and address of facility; 3)Time and type of incident; 4)Name and quantity of materials involved; 5)The extent of injuries, if any; 6)Possible hazards to human health or the environment, outside the facility	**For Incidents Requiring Notification to the NRC ONLY:** A written report of the incident must be submitted to the DEQ **within 15 days,** addressing the items from the telephone notification, and additionally describing the quantity and disposition of any recovered material. A written report may be REQUESTED or REQUIRED by the DEQ, including a remediation plan. Call the notification numbers to inquire if a written follow-up report is required and if so, the content of the report and mailing address. See Appendix for Mailing Addresses	Oklahoma Administrative Code: OAC 252:205-3-2, incorporating 40 CFR 262.34, referring to 40 CFR 265.56 and OAC 252:205-13-1

OKLAHOMA CORPORATION COMMISSION
DISTRICT FIELD OFFICES

District 2
101 South 6th Street
P.O. Box 1107
Kingfisher, OK 73750-1107
(405) 375-5570
Fax: (405) 375-5576

District 1
115 West 6th Street
P.O. Box 779
Bristow, OK 74010-0779
(918) 367-3396
Fax: (918) 367-3564

District 3
1020 Willow Street
P.O. Box 1525
Duncan, OK 73534-1525
(580) 255-0103
Fax: (580) 255-0154

District 4
703 North Broadway
Ada, OK 74820-3437
(580) 332-3441
Fax: (580) 332-8434

APPENDIX C

OIL SPILL REMOVAL ORGANIZATION

SWS ENVIRONMENTAL SERVICES

OSRO NO. 247

SWS ENVIRONMENTAL SERVICES
(CORPORATE)

600 GRAND PANAMA BOULEVARD (SUITE 200)

PANAMA CITY BEACH, FLORIDA 32407

24 HOUR CONTACT – 1-877-742-4215

www.swsenvironmental.com

Dear Valued Client,

SWS Environmental Services (SWS) prides itself on being one of the premier *Emergency Response* contractors in the United States with Service Centers strategically located throughout multiple Marine Safety Office (MSO) / Captain of the Port (COTP) sectors. SWS Service Centers are equipped with state-of-the-art Oil Spill Removal Organization (OSRO) equipment that can be immediately dispatched to any accessible location required. Response coverage is also available throughout the following MSO/COTP sectors:

- Key West, Florida
- Miami, Florida
- Tampa, Florida
- Jacksonville, Florida
- Savannah, Georgia
- Atlanta, Georgia
- Mobile, Alabama
- Paducah, Kentucky
- Lower Mississippi (Formally MSO/COTP Memphis)
- Ohio Valley (Formally MSO/COTP Louisville
- Corpus Christi
- Houston
- Port Arthur

Sub-ports:

- Jacksonville (Port Canaveral, Florida)
- Mobile (Port of Panama City, Florida)
- Miami (Port of Everglades, Florida)
- Tampa (Port Manatee, Florida)

SWS has met all criteria to qualify as a responder for all classifications (MMPD, WCD1, WCD2, and WCD3) for the River/Canal and Inland categories within the Coast Guard OSRO classification guidelines dated April 27, 2001.

- MMPD = Maximum Most Probable Discharge
- WCD = Worst Case Discharge
- Tiers 1, 2, and 3 = The combination of response resources and the times within which the resources must be capable of arriving on-scene to meet WCD resource requirements as defined in 33 CFR 154.1020 and 33 CFR 155.1025.

The attached documentation will provide a comprehensive overview of SWS and our capabilities for responding 24 hours a day, 7 days a week, 365 days a year. For additional information, please contact us at 1-877-742-4215 or you can visit our website at www.swsenvironmental.com.

Respectfully Submitted,
SWS Environmental Services

USCG CLASSIFICATION MATRIX

SWS Environmental Services - OSRO Number 247
USCG Classification Matrix

COTP Zone:	Operating Environment	Facility MMPD	Facility WCD1	Facility WCD2	Facility WCD3	Vessel MMPD	Vessel WCD1	Vessel WCD2	Vessel WCD3
Jacksonville - DISTRICT 7	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Jacksonville - DISTRICT 7	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Jacksonville(Port Canaveral, FL) - DISTRICT 7	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Jacksonville(Port Canaveral, FL) - DISTRICT 7	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Key West - DISTRICT 7	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Key West - DISTRICT 7	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lower Mississippi - DISTRICT 8	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lower Mississippi - DISTRICT 8	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Miami - DISTRICT 7	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Miami - DISTRICT 7	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mobile - DISTRICT 8	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mobile - DISTRICT 8	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mobile(Panama City, FL) - DISTRICT 8	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mobile(Panama City, FL) - DISTRICT 8	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ohio Valley - DISTRICT 8	River or Canal	Yes	~	Yes	Yes	Yes	Yes	Yes	Yes
Ohio Valley - DISTRICT 8	Inland	Yes	~	Yes	Yes	Yes	Yes	Yes	Yes
Paducah - DISTRICT 8	River or Canal	Yes	~	Yes	Yes	Yes	Yes	Yes	Yes
Paducah - DISTRICT 8	Inland	Yes	~	Yes	Yes	Yes	Yes	Yes	Yes
Savannah - DISTRICT 7	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Savannah - DISTRICT 7	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
St. Petersburg - DISTRICT 7	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
St. Petersburg - DISTRICT 7	Inland	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Corpus Christi - DISTRICT 8	River or Canal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Houston - DISTRICT 8	River or Canal	~	~	Yes	Yes	Yes	Yes	Yes	Yes
Port Arthur - DISTRICT 8	River or Canal	~	~	Yes	Yes	Yes	Yes	Yes	Yes

SERVICE CENTER LOCATION(S)

SWS ENVIRONMENTAL SERVICES

Alabama
Birmingham
Decatur
Montgomery

Florida
Ft. Lauderdale
Ft. Myers
Jacksonville
Lake Wales
Orlando
Panama City Beach
Pensacola
St. Petersburg
Tampa

Georgia
Atlanta
Savannah
Waycross

Illinois
Chicago

Kentucky
Paducah

Louisiana
Baton Rouge

North Carolina
Greensboro

Ohio
Findlay
Cincinnati

Tennessee
Knoxville
Memphis
Nashville

Texas
Austin
Dallas
Ft. Worth
Houston
San Antonio
Kilgore

On The Web ▼ www.swsenvironmental.com

On The Phone ▼ 1-877-742-4215

Via Email ▼ info@swsenvironmental.com

EQUIPMENT DEPLOYMENT REPORT(S)

ENVIRONMENTAL SERVICES

EQUIPMENT DEPLOYMENT REPORT

Documentation of SWS Environmental Services equipment used during spill response, drills or training.

PLEASE PROVIDE THE FOLLOWING INFORMATION UPON COMPLETION OF THE PROJECT

PROJECT DATE(S): 3/19/2012 SWS JOB#: FC3-203-1360

NAME OF SUPERVISOR: Kelly Halbert PHONE/FAX: 813-241-0282

RESPONSIBLE PARTY: Kinder Morgan Pipeline SERVICE CENTER Tampa

MSO/COTP ZONE Tampa

ENVIRONMENT (CIRCLE ONE)

(PROTECTED) SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE)

Port Tampa "Cut D" Channel

EQUIPMENT DEPLOYED [Types of boom, boats, temporary storage devices, Command/Communications Center.

1,000 ft 10" hard containment boom, 1-26' boat

PERSONNEL: [List by category]

Kelly Halbert - Supervisor, Mike Gonzalez - Boat Operator, Anthony Foster - Deck Hand, Derrick Smiley - Technician

ADDITIONAL REMARKS:

I certify that: 1) The equipment is in good working order and was properly operated in the environment indicated;
2) Involved personnel demonstrated competency in deployment and operation of the equipment.

3/22/2012
DATE

Mike Bevacqua
PRINT NAME OF SUPERVISOR

SUPERVISOR SIGNATURE

This report is used for crediting SWS's client response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, wether during actual spill response, training or exercise / drills must be Properly documented. SWS must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and Operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

EQUIPMENT DEPLOYMENT REPORT

Documentation of SWS equipment used during spill response, drills or training

RESPONSIBLE PARTY: Marathon **RP CONTACT**: Mike Easterday

RP PHONE #: 615-394-2721 **RP FAX #**: N/A

SWS SUPERVISOR: Shawn Jones **SWS JOB #**: NS2-204-1188

START DATE OF PROJECT: 4/11/12 **SWS SERVICE CENTER**: NSH-220

SWS PHONE #: 800-852-8878 **MSO / COTP SECTOR**: Paducah

ENVIRONMENT (CHECK ONE) - Unsheltered

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (Facility, Body of Water, Miles of Shore)
Cumberland River 1,000 feet of shoreline

EQUIPMENT DEPLOYED:1,000 feet of 18 inch river boom, vacuum truck, skimmer, 3 work boats

SWS PERSONNEL: List by category (supervisor, foreman, equipment operator, technician, etc.)

Sup. Shawn Jones, Operators- DJ Skaggs, Richard Kell, Doug Fredrick, T/2- Dustin Tomes, Royce Zoycheck, Mike Makey, Steve Bacon , SWS IC-Rob weber, Benny G. Howell

ADDITIONAL REMARKS: SWS deployed 1,000 feet of boom on the Cumberland River for the Marathon spill drill. Agency's involved were; TEMA, TDOT, USEPA, US Coast Guard, Metro Fire, Metro Police

SWS CERTIFIES THAT: 1) The equipment is in good working order and was properly operated in the environment indicated; 2) Involved personnel demonstrated competency in deployment and operation of the equipment.

4/11/12	Benny G Howell	SIGNATURE ON FILE
DATE	**SWS SUPERVISOR**	**SUPERVISOR SIGNATURE**

This report is used for crediting SWS's client response plan holders for OSRO equipment deployment under the Preparedness exercise Program (PREP), all deployments, whether during actual spill response, training or exercise / drills must be properly documented.

Corporate Headquarters
600 Grand Panama Boulevard (Suite 200)
Panama City Beach, Florida 32407

ENVIRONMENTAL SERVICES

EQUIPMENT DEPLOYMENT REPORT

Documentation of SWS Environmental Services equipment used during spill response, drills or training.

PLEASE PROVIDE THE FOLLOWING INFORMATION UPON COMPLETION OF THE PROJECT

PROJECT DATE(S): 11/8/2011 – 2-16-2012 SWS JOB#: FC1-111-1169

NAME OF SUPERVISOR: Mike Bevacqua PHONE/FAX: (813) 241-0282

RESPONSIBLE PARTY: CSXT SERVICE CENTER Tampa

MSO/COTP ZONE McKay Bay at CSX Rockport pier

ENVIRONMENT (CIRCLE ONE)

{PROTECTED} SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE)

EQUIPMENT DEPLOYED [Types of boom, boats, temporary storage devices, Command/Communications Center.
1-28' work boat & 1000' of 18" containment boom

PERSONNEL: [List by category]
1-Supervisor, 1- Boat Operator & 5- Technicians

ADDITIONAL REMARKS:
Boom deployed around collapsed loading crane as an environmental precaution.

I certify that: 1) The equipment is in good working order and was properly operated in the environment indicated;
2) Involved personnel demonstrated competency in deployment and operation of the equipment.

2-28-2012
DATE

Mike Bevacqua
PRINT NAME OF SUPERVISOR

SUPERVISOR SIGNATURE

This report is used for crediting SWS's client response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, wether during actual spill response, training or exercise / drills must be Properly documented. SWS must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and Operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

ENVIRONMENTAL SERVICES

EQUIPMENT DEPLOYMENT REPORT

Documentation of Eagle-SWS equipment used during spill response, drills or training.

PLEASE PROVIDE THE FOLLOWING INFORMATION UPON COMPLETION OF THE PROJECT

PROJECT DATE(S): 9-1-11 To 9-25-11 Eagle-SWS JOB#: PNH-109-1000 / COI-109-1055

NAME OF SUPERVISOR: Rob Sauce PHONE/FAX: 850-969-0092

RESPONSIBLE PARTY: Gulf Coast Asphalt Co. SERVICE CENTER Pensacola / Corp.

MSO/COTP ZONE Mobile, AL.

ENVIRONMENT (CIRCLE ONE)

(PROTECTED) SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE)

Gulf Coast Asphalt Co, Mobile River, Mobile, AL.

EQUIPMENT DEPLOYED [Types of boom, boats, temporary storage devices, Command/Communications Center.

20,500' OF 18" River Boom, 17- Response Boats Ranging From 16'-23', 1-20,000 gallon Frac Tank.

PERSONNEL: [List by category]

3- ER Response Managers / Sup., 17- Boat Operators, 3-Vac Truck Operators, 2-Safety Officers, 63 - Trained Response Technicians.

ADDITIONAL REMARKS:

Equipment → 3- 70BBL Vac Trucks, 8-36" Drum Skimmers, and 3- Skid Mounted Vac Systems.

I certify that: 1) The equipment is in good working order and was properly operated in the environment indicated;
2) Involved personnel demonstrated competency in deployment and operation of the equipment.

9-25-11
DATE

Robert Sauce
PRINT NAME OF SUPERVISOR

SUPERVISOR SIGNATURE

This report is used for crediting Eagle-SWS's client response plan holders for OSRO equipment deployment under the

Response Exercise Program (PREP), all deployments, wether during actual spill response, training or exercise / drills must be Properly documented. Eagle-SWS must certify that: 1) Response equipment is operational; 2) Personnel are capable of

Operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

ENVIRONMENTAL SERVICES

EQUIPMENT DEPLOYMENT REPORT

Documentation of SWS Environmental Services equipment used during spill response, drills or training.

PLEASE PROVIDE THE FOLLOWING INFORMATION UPON COMPLETION OF THE PROJECT

PROJECT DATE(S): 4/25/11 SWS JOB#: FC3104322

NAME OF SUPERVISOR: Mike Bevacqua PHONE/FAX: 813-241-0282 / 813-241-6765

RESPONSIBLE PARTY: Marathon Petroleum SERVICE CENTER Tampa

MSO/COTP ZONE Tampa

ENVIRONMENT (CIRCLE ONE)

(PROTECTED) SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE)
Ybor Channel

EQUIPMENT DEPLOYED [Types of boom, boats, temporary storage devices, Command/Communications Center.
1000' 18" containment boom, 1-25' workboat

PERSONNEL: [List by category]
1-Marine Operator, 3-technicians,

ADDITIONAL REMARKS:
Spill Drill deployed 1000' of !8" containment boom

I certify that: 1) The equipment is in good working order and was properly operated in the environment indicated;
2) Involved personnel demonstrated competency in deployment and operation of the equipment.

5-3-11
DATE

Michael Bevacqua
PRINT NAME OF SUPERVISOR

SUPERVISOR SIGNATURE

This report is used for crediting SWS's client response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, wether during actual spill response, training or exercise / drills must be Properly documented. SWS must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and Operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

SWS ENVIRONMENTAL SERVICES

EQUIPMENT DEPLOYMENT REPORT

Documentation of SWS Environmental Services equipment used during spill response, drills or training.

PLEASE PROVIDE THE FOLLOWING INFORMATION UPON COMPLETION OF THE PROJECT

PROJECT DATE(S): 7/2211 – 8/25/11 SWS JOB#: FC11070520

NAME OF SUPERVISOR: Mike Bevacqua PHONE/FAX: 813-241-0282 / 813-241-6765

RESPONSIBLE PARTY: Kinder Morgan SERVICE CENTER Tampa

MSO/COTP ZONE Tampa

ENVIRONMENT (CIRCLE ONE)

(PROTECTED) SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE)
Canal

EQUIPMENT DEPLOYED [Types of boom, boats, temporary storage devices, Command/Communications Center.
3400' 18" containment boom, 7-12' john boats, 1-72" drum skimmer, 4-36" drum skimmer, 5-frac tanks, 5,640' of 5" absorbent boom, 2,040' of 8" absorbent boom

PERSONNEL: [List by category]
3-Supvervisors, 10-foreman, 77-technicians, 1-logistics coordinator, 1-field clerk

ADDITIONAL REMARKS:

I certify that: 1) The equipment is in good working order and was properly operated in the environment indicated;
2) Involved personnel demonstrated competency in deployment and operation of the equipment.

9. 15. 11 — DATE

M. Ike Bevacqua — PRINT NAME OF SUPERVISOR

SUPERVISOR SIGNATURE

This report is used for crediting SWS's client response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, wether during actual spill response, training or exercise / drills must be Properly documented. SWS must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and Operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

SWS ENVIRONMENTAL SERVICES

EQUIPMENT DEPLOYMENT REPORT

Documentation of SWS Environmental Services equipment used during spill response, drills or training.

PLEASE PROVIDE THE FOLLOWING INFORMATION UPON COMPLETION OF THE PROJECT

PROJECT DATE(S): 6/8/11 –6/24/11 SWS JOB#: FC11060215

NAME OF SUPERVISOR: Mike Bevacqua PHONE/FAX: 813-241-0282 / 813-241-6765

RESPONSIBLE PARTY: Kinder Morgan SERVICE CENTER Tampa

MSO/COTP ZONE Tampa

ENVIRONMENT (CIRCLE ONE)

(PROTECTED) SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE)
Tampa Bay

EQUIPMENT DEPLOYED [Types of boom, boats, temporary storage devices, Command/Communications Center.
1300' 18" containment boom, 1-25' work boat, 1-12' john boat, 2-36" drum skimmer, 1-frac tanks, 560' of 5" absorbent boom, 760' of 8" absorbent boom

PERSONNEL: [List by category]
1-Incident Commander, 1-Project Manager, 1-Supvervisor, 7-technicians, 2-Marine operators, 3 Equipment operators

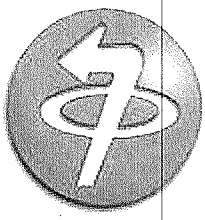
ADDITIONAL REMARKS:

I certify that: 1) The equipment is in good working order and was properly operated in the environment indicated;
2) Involved personnel demonstrated competency in deployment and operation of the equipment.

6.30.11 Mike Bevacqua

DATE PRINT NAME OF SUPERVISOR SUPERVISOR SIGNATURE

This report is used for crediting SWS's client response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, wether during actual spill response, training or exercise / drills must be Properly documented. SWS must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and Operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.



Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

2012

ACME PRODUCTS EMERGENCY RESPONSE PACKAGE

CONTENTS:

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

January 2012

This is to acknowledge that Acme Products Co. has successfully deployed a representative sample of our spill response equipment, quarterly, during the last 12 months. The balance of our spill response equipment not deployed has been properly inspected, maintained, and documented to be in good operating condition.

This is also to acknowledge that our spill response personnel have received the necessary training to safely and effectively respond to an oil spill. A record of this training is on file for the last three (3) years and is available for review upon request.

Sincerely,

Andrew B. Altendrof
President

ABA/hmr
Emergency Prep Letter

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

SPILL RESPONSE EQUIPMENT AND PERSONNEL LIST

24 Hour Telephone Service and Pagers facilitate rapid response

Containment Boom: 5000' - 10,000' suitable for rivers, lakes, bays, harbors, near shore and inland waterways; 1,000' - 2,000' of Super Mini Boom for ditches, creeks, streams or sweeping on rivers and lakes.

4 Ea. - 36" Drum Skimmer

1 Ea. - 3" Mop Skimmer

Washdown Pumps: 4 Floating and 15 Portable High Pressure with 200' - 300' of 1 1/2" discharge hose.

Transfer Pumps: 2 - 3" Diaphragm and 3 - 3" Centrifugal Trash.

Blowers: 4 Backpack Type, 6 Hand Held

8 - Weedeaters and 2 Chainsaws

Boats: 4 - 16', 1 - 12' Aluminum with 25 H.P. Motors, Extra Motors, and Trailers

Trailers: 2 - 16 Ft. Boom Trailers

Response Type:

20 Ft. Closed Van Type with personnel equipment (boots, waders, gloves, coveralls, hard hats, goggles, safety glasses, filter masks, respirators, life jackets, etc.); propane torches and tanks; hand tools (shovels, pitchforks, rakes, dipnets, sledge hammers, brush hooks, squeegees, etc.); fuel tanks and safety cans; barricades with flashers, traffic cones and hazard tape; spare parts and motors; quick couplers for hose and pipe (1"-4"); repair couplers; tow/tie of bridles, add-on lead ballast weights and tow hitches for containment boom; rope, anchors, and buoys for anchoring containment boom; tarps, poly bags, metal stakes, filter fence wire; generators with lights.

Delivery Type:

2 @ 20 Ft. Closed Van Type for sorbents, boom, etc.
2 @ 20 Ft. Open Stakebody Type for boom, accessories, etc.
1 - 16 Ft. Open Stakebody Type for boom, accessories, etc.

Page 2 - Spill Response Equipment and Personnel List

Vehicles:

1 - 4 Wheel Drive Tahoe
1 - 1 Ton Dual-Wheel 12Ft Stakebody Truck
1 - 1 Ton 4 Wheel Drive Crew Cab Truck
1 - ¾ Ton 4 Wheel Drive Pick-up Truck
1 - ½ Ton 4 Wheel Drive Pick-up Truck
1 - ½ Ton Pick-up Truck
1 - 4 Wheel Drive ATV with Trailer

Communication Equipment: Hand Held 2-Way Radios & Cell Phones

Poly Overpack Drums: 10-20 Each

Sorbents: 4-5 Truckloads of assorted types (booms, pads, rolls, etc.) for different hydrocarbons and applications (C.E.P., Acme, Oil Snares for Viscous Oil, Dicalite, Sphag-Sorb, and Kenaf Particulate).

Personnel: 10 to 15 experienced personnel capable of acting as supervisors, foreman, and equipment operators.

In the event of a major spill, we have established stand-by relationships with experienced contractors in the following locations:

Ardmore, OK
Denver, Colorado
San Antonio, Texas
Houston, Texas
Fort Worth, Texas
Galveston, Texas
Port Arthur, Texas
New Orleans, Louisiana
Memphis, Tennessee
Nashville, Tennessee
Long Beach, California
Birmingham, Alabama
Kansas City, KS
Baltimore, Maryland
Newark, New Jersey
Camden, New Jersey
Pittsburgh, Pennsylvania
Parkers Ford, Pennsylvania
Detroit, Michigan
Indianapolis, Indiana
Kinston, North Carolina
Seattle, Washington
Minneapolis/St.Paul Minnesota

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

OIL SPILL RESPONSE RATES AND POLICIES

Effective Date: January 1, 2012

PERSONNEL

	StraightTime
Laborer	$28.00/Hour
Spill Technician.	$40.00/Hour
Equipment Operator	$45.00/Hour
Foreman	$55.00/Hour
Supervisor	$66.00/Hour

Labor rates computed as follows:

Straight Time: Week Days, 8:00 AM to 4:00 PM
Time and One-Half: Week Days, 4:00 PM to 8:00 AM,
Saturdays and Sundays - All Day
Double Time: Holidays - All Day

* Emergency Deliveries @ $2.75 per mile - one way.

Minimum four-hour labor charge

Charge for subsistence outside 50-mile radius of Tulsa, OK	$140.00/Day/Employee
Charge for P.P.E., Respirators, and hand tools	$ 65.00/Day/Employee

RENTAL POLICY

Minimum rental of one day on daily rated equipment

VEHICLES, BOATS AND TRAILERS

Four-Wheel Drive	$150.00/Day
Pickup Truck	$100.00/Day
Stake Body Truck (1 1/2 Ton)	$200.00/Day
Cargo Van Truck (16' - 24')	$225.00/Day
16' Boat with Outboard Motor	$250.00/Day
12' Boat with Outboard Motor	$175.00/Day
Response Trailer, 20' Van W/Spill Response Equipment	$350.00/Day
Delivery Trailers	$ 75.00/Day
Four Wheeler (ATV) with Trailer	$225.00/Day

RECOVERY EQUIPMENT AND ACCESSORIES

Oil Containment Boom - Acme "O.K. Corral"	$1..40/Ft/Day
Danforth Anchors with Mooring and Marker Buoys (If not retrievable, cost = $598.50/Set)	$150.00/Set/Spill
Acme Super Mini Boom (2 1/2" Float x 4" Skirt)	$ .75/Ft/Day
Boom Cleaning (Depending on type of contaminates)	$ .60/Ft. - .90/Ft

SKIMMERS, PUMPS, ETC.

Drum Skimmer w/ Air Compressor	$500.00/Day
Acme FS400ASK-39T Powered Skimmer	$200.00/Day
Acme FSV-39T Vacuum Skimmer	$150.00/Day
Acme Mop Skimmer	$300.00/Day
Acme Drum Skimmer With Power Pack	$500.00/Day
Acme FS150A-39G4 Floating Washdown Pump	$150.00/Day
Honda High Pressure Pumps - Washdown/Decon	$150.00/Day
Honda 3" Contractors Trash Pump	$150.00/Day
Backpack Blower	$ 75.00/Day
3" Suction Hose W/Fittings	$ 2.50/Ft/Spill
2" Suction Hose W/Fittings	$ 1.50/Ft/Spill
1 1/2" Suction Hose W/Fittings	$ 1.25/Ft/Spill
Trailer Mounted High Pressure Washer	$300.00/Day
3" Double Diaphragm Pump	$200.00/Day

MISCELLANEOUS EQUIPMENT

Trailer Mount Generator	$250.00/Day
Generator with Floodlights	$175.00/Day
Personnel - Decon Pool	$100.00/Day
Equipment - Decon Pool	$350.00/Day
Portable Radio(s) and Cellular Phone(s)	$ 45.00/Day
Chainsaw, Weed eater, Brush Cutter	$ 75.00/Day
20/30 Gallon Pollution Cans	$ 15.00/Spill
D.O.T. Poly Overpack Drums	$190.00/Spill
Life Jacket(s)	$ 25.00/Spill
Boots, Hip	$ 60.00/Spill
Boots, Chest Wader	$ 95.00/Spill
LEL and Draeger Monitoring Equipment	$ 50.00/Day

MISCELLANEOUS MATERIALS

Polypropylene Rope, 1/4" x 1000' Roll	$ 60.00/Roll
Polypropylene Rope, 1/2" x 1000' Roll	$180.00/Roll
Polypropylene Rope, 5/8" x 600' Roll	$180.00/Roll
Rags (25# Box)	$ 35.00/Box
Polyethylene Sheeting — Visqueen	$150.00/Roll
Heavy Duty Polyethylene Trash Bags	$ 2.00/Each
Heavy-Duty Metal Stakes	$ 10.00/Each

CLEANING EQUIPMENT: Cleaning Contaminated Equipment will be 1/4 to 1/2 Daily Rental Rate per Unit

STAND BY RATE: Negotiated based on circumstances

SORBENTS: Sorbents will be charged according to Acme's published spill list prices - (Available upon request)

OUTSIDE EQUIPMENT RENTAL

A 20% handling charge is added to any equipment, materials or service which we subcontract, purchase, or rent that is not listed on this rate sheet.

DISPOSAL

Disposal of waste products is the responsibility of the customer. However, upon customer request, transport/disposal of waste products can be arranged by Acme Products. A 20% handling fee will be added to any outside contractor, transportation or disposal site charges.

TERMS:

Invoices will be rendered either on a daily basis or at the completion of the individual job, depending on the duration of the job.

All rental charges, sell charges, service charges, prepaid transportation, cartage, etc. are payable NET CASH within ten (10) days from date of invoice. FINANCE CHARGES computed by a "PERIODIC RATE" OF ONE AND ONE-HALF PERCENT (1-1/2%) PER MONTH (18%) PER ANNUM, will be applied to any unpaid balance beginning thirty (30) days from invoice date. Should it become necessary to employ an attorney to collect any unpaid balance of an invoice, customer agrees to pay the fee of such attorney. Such fee is hereby fixed at twenty-five percent (25%) of the amount due or One Hundred Dollars ($100.00), whichever is greater.

Experienced Acme Products Company personnel are available for operating equipment and for instructional purposes. Personnel and transportation charges as shown on cost schedule will apply.

These terms and conditions are to be considered an integral part of Acme Products Company oil spill reclaiming service price schedules.

CONDITIONS:

The renter of Acme Products Company equipment and services agrees that Acme Products Company is an independent contractor and that all work be done under the exclusive control and supervision of renter (hereinafter called customer) or his agent. The work area, premises about the area, ingress and egress routes in the area, and services provided by others are at all times in complete care, custody, and control of the customer or his agent. The customer shall provide all state and local permits of whatever governmental documentation or authority is required to perform the job.

A responsible representative of the customer must be present to designate work area and ascertain conditions, to the best of his knowledge, under which Acme Products Company services or products will be used. Because of uncertain or unknown conditions and incidental hazards under which services are rendered, Acme Products Company does not guarantee the results of the work, services, or products, and all services are rendered at the customer's risk.

It is agreed that Acme Products Company shall not be liable or responsible for any loss, damage, or injury to said work area or customer facilities resulting from the use of its tools, equipment or services, or from acts of any person engaged in doing such work. The customer agrees to protect, indemnify and hold Acme Products Company, its agents and employees harmless from claims, damages, or causes of action asserted by customer employees, or by any third parties for personal injury or property damage including, without limitation, damage to work area, customer facilities or third party property, in any way arising out of the rental of Acme Products Company accessories, or other equipment and from any services rendered except that Acme Products Company shall be liable for injury caused by its intentional misconduct.

Conditions at the work area which prevent operation of Acme Products Company equipment or change in plans by the customer do not relieve the customer of his responsibility for personnel, rental, or transportation charges. A minimum of four (4) hours time for each Acme Products Company personnel responding to customer's request (all as shown in current price schedule attached) will be charged.

No employee, agent or representative of Acme Products Company has authority to alter, extend, or exceed these terms except an officer of Acme Products Company. Should customer violate any of these terms and conditions, become bankrupt, insolvent, in receivership, or should any creditor or person levy customer's property or equipment, Acme Products Company shall immediately have the right without notice to retake and remove its equipment wherever it may be found.

EQUIPMENT RENTALS

Equipment and tools used will be charged for at the posted rental prices which are subject to change without notice. The customer's responsibility herein begins when tools or equipment leave Acme Products Company service point and continue until they are returned.

Tools or equipment obtained from outside sources are subject to the condition, warranties, if any, and prices established by suppliers. (Special tools ordered and built will be charged at applicable shop time, plus minimum rental, whether or not the tools are used).

MINIMUM RENTALS:

The renter of Acme Products Company equipment agrees to a minimum rental time of one (1) calendar day commencing when the equipment leaves the Acme Products Company service point. Rental time shall be invoiced to the customer until the equipment is returned to the Acme Products Company point or until the customer makes other arrangements with Acme Products Company for return of equipment.

PERSONNEL TIME:

All personnel will be charged at the rates shown in the personnel price schedule. Time is charged when personnel leave Acme Products Company service point and continues until they return, or where subsistence and lodging charges are in force, from the time they leave their lodging until their return.

DAMAGE TO RECOVERY EQUIPMENT AND ACCESSORIES:

Ordinary wear and tear excepted, recovery equipment and accessories will be repaired at customer's expense.

LOSS OR DAMAGE BEYOND REPAIR OF PROTECTIVE CLOTHING, HAND TOOLS AND MISCELLANEOUS EQUIPMENT:

Loss or damage beyond repair of miscellaneous equipment will be charged at replacement costs less accrued rental fees. All equipment damaged beyond repair will be held up to ten days for the customer's inspection or disposition.

TAXES:

All federal, state or municipal taxes, except income and ad valorem taxes, now or hereafter imposed with respect to services rendered; to rental equipment; to the processing, manufacture, repair, delivery, transportation of merchandise or equipment shall be added to and become a part of the price payable by the customer.

INSURANCE:

Acme Products Company shall maintain at all times the following insurance, in amounts not less than those respectively specified: (a) Workmen's Compensation insurance complying with the laws of each state in which the work is to be performed, $100,000/$500,000/$100,000; (b) Employer's liability insurance, $500,000 combined single limit; (c) Automotive and general liability insurance, $500,000 combined single limit; and shall furnish evidence satisfactory that such insurances are in effect.

RESPONSIBILITY FOR WORK:

Work in progress, including all property and charges for labor and rental equipment, shall be exclusive responsibility of the customer. If the customer obtains insurance protections against such risks or part thereof Acme Products Company and its insurers shall have full waiver of subrogation by the customer and customer's insurers, and such customer-obtained insurance shall bear all losses thereby insured against and up to the full amount of such insurance without any contribution by Acme Products Company or its insurer and without any proration of loss between the customer's insurer and Acme Products Company or its insurers. If requested, Acme Products company shall provide such insurance as hereinafter stated.

ADDITIONAL INSURANCE:

Acme Products Company agrees to use its best efforts to procure additional insurance or to increase the limits of the policies listed above if requested by the customer. However, the cost of any additional insurance is to be charged as outside services arranged by Acme Products Company and invoiced to the customer at Acme Products Company's cost plus 20%.

LIMITATIONS:

Acme Products Company obligation, if assumed, to indemnify customer from all claims, liabilities and causes of action based upon Acme Products Company's negligence or that of Acme Products Company's employees, agents or subcontractors shall be limited strictly to and shall not exceed Acme Products Company insurance coverage, which insurance coverage and its limitations and exclusion are explained hereinafter. Accordingly to the extent that the damage or destruction not be within the insurance cover, customer shall pay Acme Products Company for repairs or replacement at the rates set forth herein.

COMPANY NAME: _____

AUTHORIZED SIGNATURE: _____

DATE: _____

U.S. Department of Homeland Security
United States Coast Guard

Commander
National Strike Force Coordination Ctr.

1461 North Road Street
Elizabeth City, NC 27909
Staff Symbol:
Phone: 252-331-6000
FAX: 252-331-6012

16465

ACME Products Company
Attn: David Pollard
2666 N. Darlington
Tulsa, OK 74115

JUL 2 6 2006

Dear Mr. Pollard,

Your application for classification as an Oil Spill Removal Organization (OSRO) has been reviewed and processed as outlined in the Coast Guard OSRO Classification Guidelines dated 27 April 2001. You are assigned OSRO classification number 0010; please use this number in all future correspondence to this office. You have received the following classifications:

Captain of the Port (COTP) Zone	Environment	Facility	Vessel
Sector Lower Mississippi	River/Canal/Inland	MMPD	MMPD
Sector Upper Mississippi	River/Canal/Inland	MMPD	MMPD

Enclosure (1) is a CD containing your classification information. On the CD, you will find a summary of your classifications by environment and COTP zone and a summary of the resource totals for boom, Temporary Storage Capacity (TSC), and Effective Daily Recovery Capacity (EDRC) used to determine these classifications. Our files will be updated to reflect your current status; please inform your clients of the same. Your classifications will also be listed on the OSRO Classification Matrix available on the Internet at:

http://www.uscg.mil/hq/nsfweb/nsfcc/ops/OSRO/links/osroinfoonclssifiedosro.html

The Coast Guard is transitioning to a Sector organization which consolidates field operational and marine safety functions. MSO Memphis is now Sector Lower Mississippi. MSO Saint Louis is now Sector Upper Mississippi.

If you have any questions or would like more information regarding your classifications, please contact any of the Response Resource Assessment Branch or the Response Resource Inventory Branch staff. Our contact information can be found in Enclosure (2).

Thank you for your participation in the OSRO program; your efforts to strengthen our national response capabilities are greatly appreciated.

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

ANNUAL EQUIPMENT DEPLOYMENT CERTIFICATION REPORT

Documentation of equipment used during spill response, drills or training.

This report is used for crediting the response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, whether during actual spill response, training or exercise/drills must be properly documented. The contractor must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

PLEASE PROVIDE THE FOLLOWING INFORMATION (use additional sheet(s) if necessary):

OSRO NAME: Acme Environmental Inc. dba Acme Products Company

ADDRESS: 2666 N. Darlington Ave., Tulsa, OK 74115

TEL (24 HR SERVICE): 918-836-7184

CENTERS: Tulsa, Oklahoma

MSO/COTP ZONE(S) OR EPA REGION(S):
Lower/Upper Mississippi

ENVIRONMENT (CIRCLE ONE)

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE):
Cherry Creek and Arkansas River, Tulsa, Oklahoma

EQUIPMENT DEPLOYED: [List all types of boom (minimum 1,000 ft. of solid log flotation, air inflated, self inflated, skimmers (including vacuum trucks), boats, temporary storage devices, Command/Communications Center.]
900' containment boom, 2 boats, 3 trucks, ER trailer

PERSONNEL: [List by category and number (supervisor, foreman, equipment operator, technician, etc.)]
1 – Foreman, 6 – Spill techs

ADDITIONAL REMARKS:
Training Exercise

I certify that:

1) *The equipment used is in good working order and was properly operated in the environment indicated;*
2) *The involved personnel demonstrated competency in deployment and operation of the equipment.*

Dave Pollard, Vice-President

4-29-04
Date

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

ANNUAL EQUIPMENT DEPLOYMENT CERTIFICATION REPORT

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PLEASE PROVIDE THE FOLLOWING INFORMATION (use additional sheet(s) if necessary):

OSRO NAME: Acme Environmental Inc. dba Acme Products Company

ADDRESS: 2666 N. Darlington Ave., Tulsa, OK 74115

TEL (24 HR SERVICE): 918-836-7184

CENTERS: Tulsa, Oklahoma

MSO/COTP ZONE(S) OR EPA REGION(S):
Lower/Upper Mississippi

ENVIRONMENT (CIRCLE ONE)

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE):
Little Wewoka Creek, 2.4 miles

EQUIPMENT DEPLOYED: [List all types of boom (minimum 1,000 ft. of solid log flotation, air inflated, self inflated, skimmers (including vacuum trucks), boats, temporary storage devices, Command/Communications Center.]

1,100' containment boom, 3 boats, ER trailer, 2 ATV, 11 washpumps, 4 drum skimmers, 6 blowers, vac trucks, transports, 7 trucks, 3 – 3" trash pumps, 3 decon pools

PERSONNEL: [List by category and number (supervisor, foreman, equipment operator, technician, etc.)]

2 – Supervisors, 2 – Foreman, 28 – Spill tech's, 2 – Laborers, 3 – Equipment Operators

ADDITIONAL REMARKS:
Emergency Response

I certify that:

1) *The equipment used is in good working order and was properly operated in the environment indicated;*
2) *The involved personnel demonstrated competency in deployment and operation of the equipment.*

Dave Pollard, Vice-President

2-14-2011
Date

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

ANNUAL EQUIPMENT DEPLOYMENT CERTIFICATION REPORT

Documentation of equipment used during spill response, drills or training.

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PLEASE PROVIDE THE FOLLOWING INFORMATION (use additional sheet(s) if necessary):

OSRO NAME: Acme Environmental Inc. dba Acme Products Company

ADDRESS: 2666 N. Darlington Ave., Tulsa, OK 74115

TEL (24 HR SERVICE): 918-836-7184

CENTERS: Tulsa, Oklahoma

MSO/COTP ZONE(S) OR EPA REGION(S):
Lower/Upper Mississippi

ENVIRONMENT (CIRCLE ONE)

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE):
Creek east of Caney, Kansas, 1.2 miles

EQUIPMENT DEPLOYED: [List all types of boom (minimum 1,000 ft. of solid log flotation, air inflated, self inflated, skimmers (including vacuum trucks), boats, temporary storage devices, Command/Communications Center.]

600' containment boom, 2 boats, 5 trucks, vac trucks, 2 drum skimmers, ER trailer, 2 floating wash pumps, 4 high pressure pumps, 3 blowers, decon pool, hot washer

PERSONNEL: [List by category and number (supervisor, foreman, equipment operator, technician, etc.)]

1 – Supervisors, 1 – Foreman, 8 – Spill tech's, 2 – Equipment Operators

ADDITIONAL REMARKS:
Emergency Response

I certify that:

1) *The equipment used is in good working order and was properly operated in the environment indicated;*
2) *The involved personnel demonstrated competency in deployment and operation of the equipment.*

Dave Pollard, Vice-President

5-10-2011
Date

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

ANNUAL EQUIPMENT DEPLOYMENT CERTIFICATION REPORT

Documentation of equipment used during spill response, drills or training.

This report is used for crediting the response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, whether during actual spill response, training or exercise/drills must be properly documented. The contractor must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

PLEASE PROVIDE THE FOLLOWING INFORMATION (use additional sheet(s) if necessary):

OSRO NAME: Acme Environmental Inc. dba Acme Products Company

ADDRESS: 2666 N. Darlington Ave., Tulsa, OK 74115

TEL (24 HR SERVICE): 918-836-7184

CENTERS: Tulsa, Oklahoma

MSO/COTP ZONE(S) OR EPA REGION(S):
Lower/Upper Mississippi

ENVIRONMENT (CIRCLE ONE)

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE):
Port of Catoosa, Catoosa, Oklahoma

EQUIPMENT DEPLOYED: [List all types of boom (minimum 1,000 ft. of solid log flotation, air inflated, self inflated, skimmers (including vacuum trucks), boats, temporary storage devices, Command/Communications Center.]
800' containment boom, 5 boats, 4 trucks, ER trailer, 2 wash pumps, roll off boxes

PERSONNEL: [List by category and number (supervisor, foreman, equipment operator, technician, etc.)]
1 – Supervisors, 1 – Foreman, 10 – Spill tech's, 5 – Equipment Operators

ADDITIONAL REMARKS:
Emergency Response

I certify that:

1) *The equipment used is in good working order and was properly operated in the environment indicated;*
2) *The involved personnel demonstrated competency in deployment and operation of the equipment.*

Dave Pollard, Vice-President

5-31-2011
Date

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

ANNUAL EQUIPMENT DEPLOYMENT CERTIFICATION REPORT

Documentation of equipment used during spill response, drills or training.

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PLEASE PROVIDE THE FOLLOWING INFORMATION (use additional sheet(s) if necessary):

OSRO NAME: Acme Environmental Inc. dba Acme Products Company

ADDRESS: 2666 N. Darlington Ave., Tulsa, OK 74115

TEL (24 HR SERVICE): 918-836-7184

CENTERS: Tulsa, Oklahoma

MSO/COTP ZONE(S) OR EPA REGION(S):
Lower/Upper Mississippi

ENVIRONMENT (CIRCLE ONE)

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE):
Arkansas River, Tulsa, Oklahoma

EQUIPMENT DEPLOYED: [List all types of boom (minimum 1,000 ft. of solid log flotation, air inflated, self inflated, skimmers (including vacuum trucks), boats, temporary storage devices, Command/Communications Center.]
1,300' silt curtain, 1 boat, 2 trucks

PERSONNEL: [List by category and number (supervisor, foreman, equipment operator, technician, etc.)]
1 – Foreman, 5 – Spill tech's, 1 – Equipment Operators

ADDITIONAL REMARKS:
Emergency Response

I certify that:

1) *The equipment used is in good working order and was properly operated in the environment indicated;*
2) *The involved personnel demonstrated competency in deployment and operation of the equipment.*

Dave Pollard, Vice-President

8-16-2011
Date

Acme Products Co.
2666 N. Darlington - Tulsa, Oklahoma 74115
Phone: (918)836-7184 - Fax: (918)836-9197
www.acmeboom.com

ANNUAL EQUIPMENT DEPLOYMENT CERTIFICATION REPORT

Documentation of equipment used during spill response, drills or training.

This report is used for crediting the response plan holders for OSRO equipment deployment under the Preparedness Response Exercise Program (PREP), all deployments, whether during actual spill response, training or exercise/drills must be properly documented. The contractor must certify that: 1) Response equipment is operational; 2) Personnel are capable of deploying and operating the equipment in a spill response; and 3) Response resources participate in annual deployment drills.

PLEASE PROVIDE THE FOLLOWING INFORMATION (use additional sheet(s) if necessary):

OSRO NAME: Acme Environmental Inc. dba Acme Products Company

ADDRESS: 2666 N. Darlington Ave., Tulsa, OK 74115

TEL (24 HR SERVICE): 918-836-7184

CENTERS: Tulsa, Oklahoma

MSO/COTP ZONE(S) OR EPA REGION(S):
Lower/Upper Mississippi

ENVIRONMENT (CIRCLE ONE)

PROTECTED SHELTERED UNSHELTERED

GEOGRAPHICAL DESCRIPTION (FACILITY, BODY OF WATER, MILES OFFSHORE):
Creek south of Enid, Oklahoma

EQUIPMENT DEPLOYED: [List all types of boom (minimum 1,000 ft. of solid log flotation, air inflated, self inflated, skimmers (including vacuum trucks), boats, temporary storage devices, Command/Communications Center.]
500' containment boom, 3 trucks, ER trailer

PERSONNEL: [List by category and number (supervisor, foreman, equipment operator, technician, etc.)]
1 – Foreman, 5 – Spill tech's

ADDITIONAL REMARKS:
Training Exercise

I certify that:

1) *The equipment used is in good working order and was properly operated in the environment indicated;*
2) *The involved personnel demonstrated competency in deployment and operation of the equipment.*

Dave Pollard, Vice-President

9-29-2011
Date

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.02

Name: **David A. Pollard**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.05

Name: **Larry K. Longest**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.01

Name: **Abel E. Rivas**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.03

Name: **Forrest L. Russell**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.08

Name: **Vang Yang**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.07

Name: **Otis R. Murray**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.04

Name: **Juan A. Rivas**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.06

Name: **Osman Oyuela**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.10

Name: **Jose Oyuela**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Refresher - 8 Hrs
29 CFR 1910.120
09/27/2011 Certificate No. 9272011.09

Name: **Xue Lee**

Sponsored by: Acme Boom

Instructor: Greg Long

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Operations Level - 40 Hrs
29 CFR 1910.120
Date: 10/6/2011 Certificate No. 10032011.150

Name: **Salvador Marroquin**

Sponsored by: Acme Products

Instructors: Rick Portilloz

Central Tech Sapulpa, OK 74066

Certificate of Participation and Completion of the Training Program:
HAZWOPER Operations Level - 40 Hrs
29 CFR 1910.120
Date: 10/6/2011 Certificate No. 10032011.151

Name: **Erick Aguilar**

Sponsored by: Acme Products

Instructors: Rick Portilloz

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 11/16/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER 1-918-584-1433 Arthur J. Gallagher Risk Management Services, Inc. P.O. Box 3142 Tulsa, OK 74101-3142 Walter P. Bryce, Jr	CONTACT NAME: Kathy Bilbrey PHONE (A/C, No, Ext): 918-764-1619 FAX (A/C, No): E-MAIL ADDRESS: kathy_bilbrey@ajg.com
INSURED Acme Environmental, Inc. dba Acme Products Company 2666 N Darlington Tulsa, OK 74115	INSURER A: CHARTIS SPECIALTY INS CO — NAIC # 26883 INSURER B: COMMERCE & INDUSTRY INS CO — NAIC # 19410 INSURER C: COMPSOURCE OK — NAIC # 36188 INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** 24106774 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE [X] OCCUR X Pollution Coverage GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT [X] LOC			EG13407639	11/16/11	11/16/12	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$ 1,000,000 $ 300,000 $ 25,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $
B	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS			CA2220618	11/16/11	11/16/12	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$ 1,000,000 $ $ $ $
A	UMBRELLA LIAB [X] OCCUR X EXCESS LIAB CLAIMS-MADE DED RETENTION $			EGU13407727	11/16/11	11/16/12	EACH OCCURRENCE AGGREGATE $	$ 4,000,000 $ 4,000,000 $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		02049322	01/01/11	01/01/12	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 1,000,000 $ 1,000,000 $ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

General Liability-Blanket Additional Insured provided on endorsement #103124 (10/09) as required by written contract.
General Liability-Blanket WOS provided on endorsement #94283 (03/07)as required by contract.

CERTIFICATE HOLDER

For Informational Purposes Only

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

NCMS
NATIONAL COMPLIANCE
Management Service, Inc.
DOT Department

7 Compound Drive
Hutchinson, Kansas 67502
[620] 669-0954 Phone
[620] 669-8430 Fax
www.nationalcompliance.com

March 10, 2010

ACME PRODUCTS COMPANY
MR. ANDREW ALTENDORF
2666 NORTH DARLINGTON AVENUE
TULSA, OK 74115

MR. ANDREW ALTENDORF

Re: Review of Drug/Alcohol Plan for Compliance with 49 CFR Part 199 and Part 40

As requested by our pipeline operator clients your anti-drug plan and alcohol misuse prevention plan programs have been evaluated per this pipeline operator's regulatory obligation as set forth in Part 40 and 49 CFR Part 199.115 & Part 199.245. The results of the evaluation are as follows:

Your company drug/alcohol plan was found to be satisfactory per the regulations stated above.

The timely submission of statistical data is a continuous requirement to maintain your satisfactory status and the report must be received within 30 days after the end of the reporting period. Failure to provide the requested documentation could result in the removal of your satisfactory status with our pipeline clients.

This satisfactory letter indicates that your DOT contractor file has been reviewed and found to meet all the minimum PHMSA and DOT requirements for the NCMS pipeline operators exclusively. This letter cannot be used to satisfy any other pipeline operator requirements and/or any other DOT auditor compliance.

Your company's drug and alcohol file will be periodically reviewed to maintain your satisfactory status.

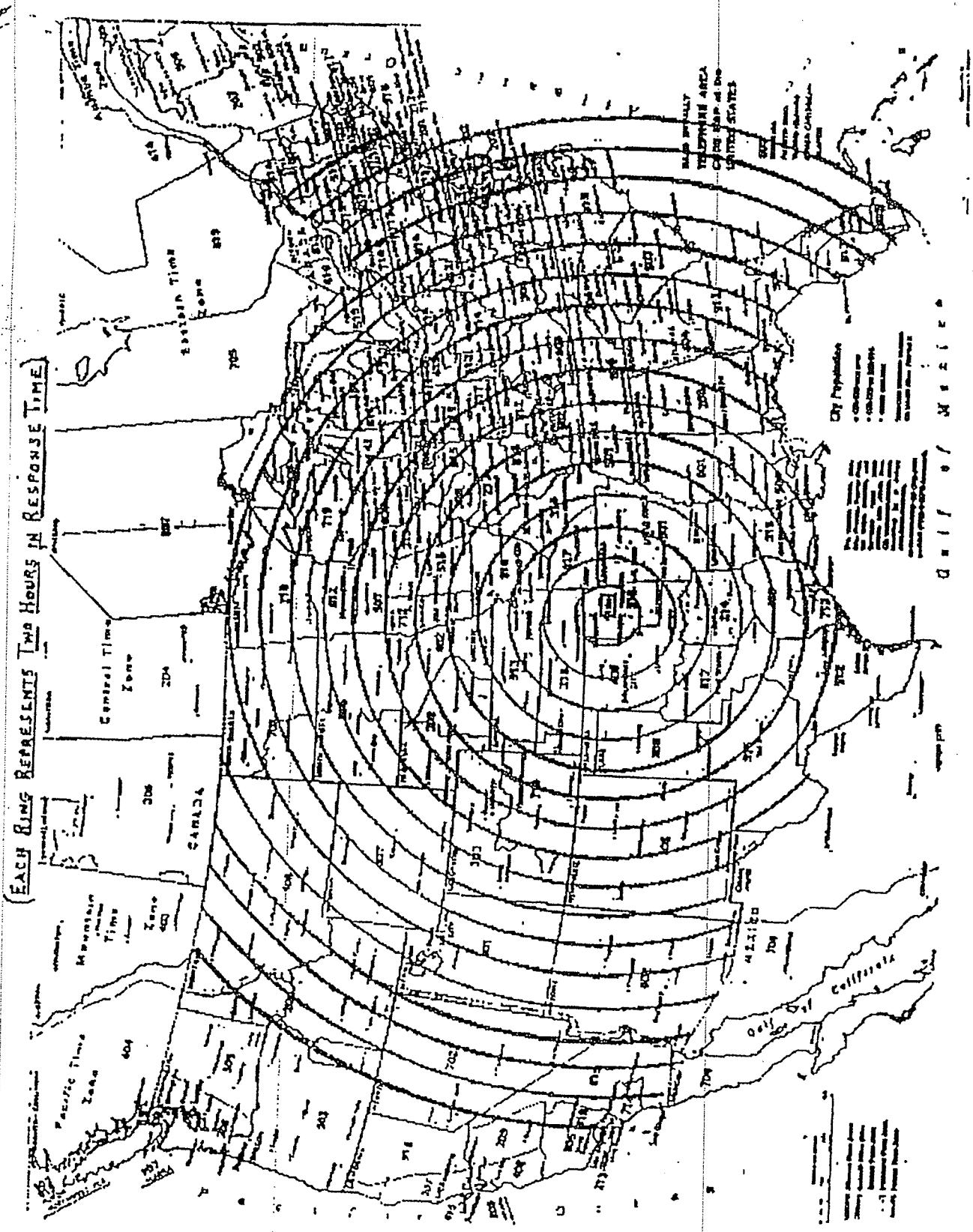
If you have any questions concerning this evaluation, please feel free to contact this office.

Sincerely,
DOT Department

Stacey Baughman - Manager
ph: [620] 669-4428
email: stacey@nationalcompliance.com

Tricia Radke - Auditor
ph: [620] 669-4423
email: tricia@nationalcompliance.com

David Higdon - Auditor
ph: [620] 669-4436
email: david@nationalcompliance.com


(EACH RING REPRESENTS TWO HOURS IN RESPONSE TIME)
Eastern Time Zone
Central Time Zone
Mountain Time Zone
Pacific Time Zone
CANADA
Gulf of Mexico

U.S. Department of Homeland Security
United States Coast Guard

Commander
National Strike Force Coordination Ctr.

1461 North Road Street
Elizabeth City, NC 27909
Staff Symbol:
Phone: 252-331-6000
FAX: 252-331-6012

16465

ACME Products Company
Attn: David Pollard
2666 N. Darlington
Tulsa, OK 74115

JUL 2 6 2006

Dear Mr. Pollard,

Your application for classification as an Oil Spill Removal Organization (OSRO) has been reviewed and processed as outlined in the Coast Guard OSRO Classification Guidelines dated 27 April 2001. You are assigned OSRO classification number 0010; please use this number in all future correspondence to this office. You have received the following classifications:

Captain of the Port (COTP) Zone	Environment	Facility	Vessel
Sector Lower Mississippi	River/Canal/Inland	MMPD	MMPD
Sector Upper Mississippi	River/Canal/Inland	MMPD	MMPD

Enclosure (1) is a CD containing your classification information. On the CD, you will find a summary of your classifications by environment and COTP zone and a summary of the resource totals for boom, Temporary Storage Capacity (TSC), and Effective Daily Recovery Capacity (EDRC) used to determine these classifications. Our files will be updated to reflect your current status; please inform your clients of the same. Your classifications will also be listed on the OSRO Classification Matrix available on the Internet at:

http://www.uscg.mil/hq/nsfweb/nsfcc/ops/OSRO/links/osroinfoonclssifiedosro.html

The Coast Guard is transitioning to a Sector organization which consolidates field operational and marine safety functions. MSO Memphis is now Sector Lower Mississippi. MSO Saint Louis is now Sector Upper Mississippi.

If you have any questions or would like more information regarding your classifications, please contact any of the Response Resource Assessment Branch or the Response Resource Inventory Branch staff. Our contact information can be found in Enclosure (2).

Thank you for your participation in the OSRO program; your efforts to strengthen our national response capabilities are greatly appreciated.

U.S. Department of Homeland Security
United States Coast Guard

Commanding Officer
National Strike Force
Coordination Center

1461 N. Road St. (US 17N)
Elizabeth City, NC 27909
Staff Symbol:
Phone: (252) 331-6000
FAX: (252) 331-6012

16450
04-0027
November 1, 2004

Garner Environmental Services
Attention: Otis Chambers
1717 West 13th Street
Deer Park, TX 77536

Dear Otis Chambers,

This letter serves as the official statement by the National Strike Force Coordination Center of your classification as an Oil Spill Removal Organization (OSRO) as outlined in the Coast Guard OSRO Classification Guidelines dated 27 April 2001. A copy of this letter will be kept in your company file on these premises. Please feel free to contact my staff anytime you would like to visit and review your file.

Enclosure (1) is a copy of the classification summary sheet that identifies the classifications you received based on the resource data that you provided. This summary contains your classifications by operating area and selected COTP zones. These classifications were determined using core resource and legal/attestation documents you provided. Enclosure (2) contains Response Resource Assessment Branch (formerly the OSRO Branch) and Response Resource Inventory (RRI) contact information.

This notification reflects the information contained in the RRI as of September 23, 2004. Any equipment updates, which may have been submitted by your company in the interim, are not yet reflected in this classification notification. Currently the RRAB is developing processes to more uniformly address common OSRO issues such as changes in company ownership and the acquisition of additional resources. In the event that there is a change in your company's classification, you will receive another letter attesting to your latest classification levels.

A summary of the resource totals for Temporary Storage Capacity (TSC), Effective Daily Recovery Capacity (EDRC), and shoreline protection & containment booming can be forwarded to you upon request. A synopsis of the OSRO Classification standing, along with other useful information, is available on our web site:

http://www.uscg.mil/hq/nsfweb/nsfcc/ops/OSRO/links/osroinfoonclssifiedosro.html

If you would like more information regarding your classifications or any other matter, please contact the Response Resource Assessment Branch.

Sincerely,

A.M. CRICKARD
Chief, Logistics Inventory Division
U.S. Coast Guard
By direction

2 Enclosures

February, 2012
PREP Credit Report

Dear Client:

Please find attached the - ***NRC 2011 Annual Preparedness for Response Exercise Program (PREP) Equipment Deployment Summary Report*** (Attachment A) for review and retention with an accompanying Letter of Attestation (Attachment B). This report documents OSRO equipment deployment exercise information in compliance with the National Preparedness for Response Exercise Program (PREP) Guidelines for reportable and evaluated on-water equipment deployments during exercises, training and actual spill responses. It provides information necessary for your OSRO equipment deployment credit for the 2011 calendar year.

This report documents deployment of the various types of skimming systems and boom that NRC owns or controls for classification purposes. It includes equipment aboard our Oil Spill Response Vessels (OSRVs) and at Independent Contractor Network (ICN) facilities dispersed throughout the various Captain of the Ports (COTP) areas. The information categories include:

ICN/OSRV - Each response facility and OSRV that comprise the NRC's response network. We also indicate the USCG OSRO classification ID next to their names.

LOCATION - The geographical location (city/state) of the ICN facility or vessel home port.

COTP-MSO REGION - The COTP-MSO or EPA Region in which the response equipment and facility personnel are based.

SKIMMING EQUIPMENT - Each type of skimmer in the NRC owned or controlled equipment inventory. A numeric figure in the columns for each type of skimmer indicates the number of times that personnel at a particular facility or OSRV have activated and deployed this type of skimming system in the water.

BOOM EQUIPMENT - The type and amount of boom deployed by personnel assigned to a particular facility and vessel.

Each ICN Participant facility and OSRV, of which there are over one hundred and thirty, has an active file that feeds data to the Summary Report. In 2011, the following environmental service companies joined or left the ICN, or experienced a company name change as noted (updated accordingly):

Company Name	Status
Bosarge Diving	**Joined**
Mackinac Environmental Technology	**Joined**
Pacific Commercial Services	**Joined**
PAL Environmental Services	**Joined**
Teksolv, Inc.	**Joined**
Sea Tow Palm Beach	**Joined**
Shaw Group	**Deleted**
Global Petroleum	**Deleted**
Premier Electronics	**Deleted**
Renner	**Deleted**
RMR, Inc.	**Deleted**
Zaccor	**Deleted**
Industrial Cleanup, Inc.	**Deleted**
Bellon Environmental	**Now d/b/a SET Environmental, Inc.**
Symcore	**Now d/b/a Intracoastal**
Northstar Marine	**Now d/b/a Northstar Marine Environmental Services**
Coteau Environmental	**Now d/b/a Prairie Consulting Group**
Southeast Response & Remediation	**Now d/b/a SR&R Environmental**

ICN facility equipment deployment records are held at each facility and at NRC Headquarters in Great River, NY. OSRV equipment deployment records are maintained on board the vessels and both at NRC Headquarters and in the NRC Houston Marine Department office. These internal historical records identify each equipment deployment occurrence by:

- NRC Control No.
- Date of deployment
- Event description - actual spill incident, equipment training or exercise
- Type of environment - sheltered , protected or unsheltered
- Type of skimming system deployed
- Type and quantity of boom deployed

If you have any questions regarding this report, contact Charles Comerford at 631-224-9141. Please ensure individuals responsible for the PREP program in your organization receive this report. If you would like additional copies they are located on our Web site, which is www.nrcc.com under the client access portion. Widest dissemination of this document is encouraged.

Sincerely,

Steven A. Candito
President
National Response Corporation

NATIONAL RESPONSE CORPORATION

Regional Breakdown

Northeast Region
General Manager: John Hielscher
3500 Sunrise Highway - Suite T-103, Great River, NY 11739
(631)224-9141 Ext 142
States Covered:
Indiana, Michigan, Ohio, New York, Pennsylvania, Maryland, Delaware, New Jersey, Connecticut, Vermont, Massachusetts, Rhode Island, New Hampshire, Maine, West Virginia, Virginia

South Region
General Manager: Ray McCoy
818 Town & Country Blvd. - Suite 200, Houston, TX 77024
(281)606-4848
States Covered:
Texas, Louisiana, Arkansas, Oklahoma, Kansas, Nebraska, Colorado, New Mexico, Mississippi, Alabama

Southeast Region
General Manager: Jason DeSantis
104 River Lane, Ormond Beach, FL 32176
(386)441-7719
States Covered:
Kentucky, Tennessee, North Carolina, South Carolina, Georgia, Florida, Missouri, Illinois, Iowa, Minnesota, Wisconsin

West Coast Regional Breakdown (NRCES)
Pacific Northwest Region
PNW General Manager: Jim Riedel
1630 10th Ave., South – Suite 150, Seattle, WA 98108
(206)607-3000
States Covered: Washington, Oregon, Idaho, Montana, Wyoming, Hawaii, North Dakota, South Dakota

West Region
VP/General Manager: Todd Roloff
1805 Ferry Point Road, Alameda, CA 94501
(510)749-1390
States Covered: California, Nevada, Utah, Arizona

NATIONAL RESPONSE CORPORATION

Regional Breakdown

Caribbean Region
General Manager: David Aviles
P.O. Box 9022750, San Juan, PR 00902
(787)789-2000
Islands Covered: Puerto Rico, St. Thomas, St. Croix, St. Lucia, Aruba

Virgin Islands
Regional Manager: Joe Schilling
8A Williams Fredriksted, St. Croix, West Virgin Islands 00840
Islands Covered: St. Croix (Hovensa)

Aruba
Regional Manager: James Haeghaert
Bungalow 251, First Ave., Seroe Colorado, San Nicholas, Aruba
Island Covered: Aruba

NATIONAL RESPONSE CORPORATION

2011 ANNUAL EQUIPMENT DEPLOYMENT SUMMARY

NRC Northeast Region

COTP Zone or EPA Region	Contractor Name and OSRO #	Deployment Location	NRC Equipment Storage Site	Boom 6" - 18"	Boom 19" - 42"	Skimmer Drum	Skimmer Floating Suction	Skimmer Oleophilic Belt	Skimmer Oleophilic Disc / Brush	Skimmer Oleophilic Rope Mop
COTP Northern New England	NRC - 0016	Searsport, ME	Bangor, ME	1,000'		1			1	
COTP Northern New England	NRC - 0016	Fore River So. Portland, ME	NRC Reliant So. Portland, ME		1,000'		1	1		
COTP Pittsburgh	NRC - 0016	Allegheny River Pittsburgh, PA	Pittsburgh, PA				1			
COTP New York	NRC - 0016	Lower NY Harbor, Gravesend Bay, NY	NRC Guardian Staten Island, NY		1,000'			1		
COTP Hampton Roads	NRC - 0016	Chesapeake River, VA	Norfolk, VA	2,000'		1			1	
COTP Northern New England	NRC - 0016	Penobscot River, Bucksport, ME	Bangor, ME	1,000'					1	
COTP Buffalo	NRC - 0016	Lake Ontario, Oswego Harbor, NY	Oswego, NY	1,000'		1				
COTP New York	MEG - 0020	Newburgh, NY	N/A	1,200'		1				
COTP Delaware Bay	MEG - 0020	Maurice River, NJ	N/A	6,000'			1			
COTP Northern New England	MEG - 0020	Lake Champlain, NY	N/A	1,100'					1	
COTP Baltimore	MEG - 0020	Baltimore, MD	N/A	1,000'					1	
COTP New York	MEG - 0020	West Haverstraw, NY	N/A	1,800'					1	

NATIONAL RESPONSE CORPORATION

2011 ANNUAL EQUIPMENT DEPLOYMENT SUMMARY

NRC Southeast Region

COTP Zone or EPA Region	Contractor Name and OSRO #	Deployment Location	NRC Equipment Storage Site	Boom 6"-18"	Boom 19"-42"	Skimmer Drum	Skimmer Floating Suction	Skimmer Oleophilic Belt	Skimmer Oleophilic Disc / Brush	Skimmer Oleophilic Rope Mop
COTP Miami	NRC - 0016	Miami Harbor, Miami, FL	NRC Liberty Miami, FL		2,000'	1			1	
COTP Key West	NRC - 0016	Key West Harbor, Key West, FL	Key West, FL	2,000'			2			
COTP Upper Mississippi	NRC - 0016	Merrimac River, St. Louis, MO	Fenton, MO	4,000'			1		1	
COTP Ohio Valley	NRC - 0016	Paducah, KY	Paducah, KY Duluth, MN	3,100'					1	
COTP Ohio Valley	USES - 0038	Nashville, TN	N/A	1,000'						
COTP Lower Missippi	USES - 0038	Little Rock, AR	N/A	1,000'		1				
COTP Ohio Valley	USES - 0038	Nashville, TN	N/A	1,000'						
COTP Jacksonville	CBI - 0048	Port Canaveral, FL	N/A	1,000'						
COTP Miami	CBI - 0048	Port Everglades, FL	N/A	1,000'		1			1	
COTP Tampa	DES - 0037	Port of Tampa, FL	N/A	1,600'						
COTP Tampa	DES - 0037	Tampa Bay, FL	N/A	2,200'						

NATIONAL RESPONSE CORPORATION

2011 ANNUAL EQUIPMENT DEPLOYMENT SUMMARY

NRC Southern Region

COTP Zone or EPA Region	Contractor Name and OSRO #	Deployment Location	NRC Equipment Storage Site	Boom 6" - 18"	Boom 19" - 42"	Skimmer Drum	Skimmer Floating Suction	Skimmer Oleophilic Belt	Skimmer Oleophilic Disc / Brush	Skimmer Oleophilic Rope Mop
COTP Corpus Christi	NRC - 0016	Corpus Christi, TX	Corpus Christi, TX						1	2
COTP Corpus Christi	NRC - 0016	Corpus Christi, TX	Corpus Christi, TX							2
COTP Corpus Christi	NRC - 0016	Corpus Christi, TX	NRC Valiant, Corpus Christi, TX		1,600					
COTP Houston / Galveston	NRC - 0016	Gulf of Mexico Galveston, TX	NRC Admiral, Galveston, TX		1,900'					
COTP Houston / Galveston	NRC - 0016	Galveston Harbor Galveston, TX	NRC Admiral, Galveston, TX					1		
COTP Houston / Galveston	NRC - 0016	Galveston Harbor Galveston, TX	NRC Admiral, Galveston, TX					1		
COTP Houston / Galveston	NRC - 0016	Galveston Harbor Galveston, TX	NRC Admiral, Galveston, TX					1		
COTP Morgan City	NRC - 0016	Morgan City, LA	NRC Energy, Morgan City, LA				1	1	2	2
COTP Morgan City	NRC - 0016	Morgan City, LA	NRC Energy, Morgan City, LA		2,000'		1			
COTP Lower Mississippi	NRC - 0016	Harbor Bayou La Batre, MS	NRC Defender, Bayou La Batre, MS		1,000'					
COTP Lower Mississippi	NRC - 0016	Harbor Bayou La Batre, MS	NRC Defender, Bayou La Batre, MS				1	1		
COTP Mobile	USES - 0038	Birmingham, AL	N/A	1,100'		1				
COTP Mobile	USES - 0038	Mobile, AL	N/A	2,000'		2				
COTP New Orleans	USES - 0038	Venice, LA	N/A	2,000'		1				
COTP Lower Missippi	USES - 0038	Little Rock, AR	N/A	1,000'		1				
COTP Lower Missippi	ACME - 0010	Little Wewoka Creek	N/A	1,100'		4				
COTP Corpus Christi	MES - 0072	Ingelside, TX	N/A	1,000'						

NATIONAL RESPONSE CORPORATION

2011 ANNUAL EQUIPMENT DEPLOYMENT SUMMARY

NRC Western Region

COTP Zone or EPA Region	Contractor Name and OSRO #	Deployment Location	NRC Equipment Storage Site	Boom 6"-18"	Boom 19"-42"	Skimmer Drum	Skimmer Floating Suction	Skimmer Oleophilic Belt	Skimmer Oleophilic Disc / Brush	Skimmer Oleophilic Rope Mop
COTP San Diego	NRC - 0016	San Diego Harbor, San Diego, CA	San Diego, CA	2,000'			1			
COTP San Diego	NRC - 0016	San Diego Harbor, San Diego, CA	San Diego, CA				1			
COTP Los Angeles	NRC - 0016	Port of Los Angeles, Los Angeles, CA	Los Angeles, CA		1,200'					
COTP Los Angeles	NRC - 0016	Port of Long Beach, Long Beach, CA	Long Beach, CA						2	
COTP Los Angeles	NRC - 0016	Port of Los Angeles, Los Angeles, CA	Los Angeles, CA		1,500'	1	1	1	1	
COTP Los Angeles	NRC - 0016	Port of Los Angeles, Los Angeles, CA	Los Angeles, CA		3,000'					
COTP Los Angeles	NRC - 0016	Port of Los Angeles, Los Angeles, CA	Los Angeles, CA		1,200'					
COTP San Francisco	NRC - 0016	Humboldt Bay, CA	San Francisco, CA		1,100'					
COTP San Francisco	NRC - 0016	Humboldt Bay, CA	San Francisco, CA		3,500'					
COTP San Francisco	NRC - 0016	Humboldt Bay, CA	San Francisco, CA		1,000'					
COTP San Francisco	NRC - 0016	Crissy Field, San Francisco, CA	Alameda, CA		2,700'			1		
COTP San Francisco	NRC - 0016	Pier 92, San Fransisco Bay, CA	Alameda, CA		1,000'		1			
COTP San Francisco	NRC - 0016	San Francisco Bay, CA	Alameda & Richmond		8,900'			1		
COTP San Francisco	NRC - 0016	Richmond Dock, Richmond, CA	Alameda, CA		3,700'	1				

NATIONAL RESPONSE CORPORATION

2011 ANNUAL EQUIPMENT DEPLOYMENT SUMMARY

NRC Northwest Region

COTP Zone or EPA Region	Contractor Name and OSRO #	Deployment Location	NRC Equipment Storage Site	Boom 6" - 18"	Boom 19" - 42"	Skimmer Drum	Skimmer Floating Suction	Skimmer Oleophilic Belt	Skimmer Oleophilic Disc / Brush	Skimmer Oleophilic Rope Mop
COTP Puget Sound	NRC - 0016	Ferndale, WA	NRC Columbia, Ferndale, WA						2	
COTP Puget Sound	NRC - 0016	Columbia River, WA	Neah Bay, WA		4,000'			2	1	
COTP Puget Sound	NRC - 0016	Forks, WA	Neah Bay, WA				1		1	
COTP Portland	NRC - 0016	Grays Harbor, WA	Ferndale, WA						1	
COTP Puget Sound	NRC - 0016	Neah Bay Straits	NRC Cape Flattery Neah Bay, WA						1	
COTP Puget Sound	NRC - 0016	Seattle, WA	Seattle, WA		1,000'			2		
COTP Puget Sound	NRC - 0016	Ferndale, WA	NRC Columbia, Ferndale, WA	1,200'						
COTP Puget Sound	NRC - 0016	Ferndale, WA	NRC Columbia, Ferndale, WA		1,000'					
COTP Puget Sound	NRC - 0016	Ferndale, WA	NRC Columbia, Ferndale, WA		1,000'					
COTP Puget Sound	NRC - 0016	Ferndale, WA	NRC Columbia, Ferndale, WA		1,300'					

NATIONAL RESPONSE CORPORATION

2011 ANNUAL EQUIPMENT DEPLOYMENT SUMMARY

NRC Caribbean Region

COTP Zone or EPA Region	Contractor Name and OSRO #	Deployment Location	NRC Equipment Storage Site	Boom 6" - 18"	Boom 19" - 42"	Skimmer Drum	Skimmer Floating Suction	Skimmer Oleophilic Belt	Skimmer Oleophilic Disc / Brush	Skimmer Oleophilic Rope Mop
COTP San Juan	NRC - 0016	Guayanilla Bay, PR	San Juan, PR						1	
COTP San Juan	NRC - 0016	Guayanilla Bay, PR	San Juan, PR			1	1		1	1
COTP San Juan	NRC - 0016	Guayanilla Bay, PR	San Juan, PR	1,000'					1	
N/A	NRC - 0016	Aruba	NRC Sentry, Aruba		1,000'					

ATTESTATION

I, Steven A. Candito, President of National Response Corporation (NRC), an Oil Spill Removal Organization (OSRO) with full OSRO classifications in all Captain of the Port Zones, for all operating environments within our Area of Service do hereby attest, based upon the information provided to me by the members of the NRC Independent Contractor Network, each of whom are responsible for similar attestations to their own clients under the National Preparedness for Response Exercise Program and based on my own personal knowledge, that boom and skimming systems, more than adequate to satisfy the OSRO field equipment deployment drill requirements of OPA '90 have been deployed on your behalf in the United States East Coast, Gulf Coast, West Coast, Inland River and Caribbean Regions within the most recent calendar year. Further that NRC-owned equipment is inspected and maintained under a formal preventive maintenance program. Personnel training requirements are met through a formal equipment deployment-training program. The personnel who deployed the equipment demonstrated their ability to successfully deploy and operate the equipment and the equipment was in good working order. Further, records of these deployments are maintained at our headquarters in Great River, New York, USA.

Date: 17 February 2012

Steven A. Candito
President
National Response Corporation

Attachment B

APPENDIX D

APPENDIX D

EMERGENCY RESPONSE PERSONNEL JOB DESCRIPTIONS AND GUIDELINES

The following job descriptions and guidelines are intended to be used as a tool to assist EMT members in their particular positions within the Incident Command System (ICS):

- Incident Commander
- Public Information Officer
- Liaison Officer
- Safety Officer
- Operations Section Chief
- Staging Group Leader
- Repair Group Leader
- Containment Group Leader
- Planning Section Chief
- Environmental Group Leader
- Situation Group Leader
- Logistics Section Chief
- Communications Group Leader
- Security/Medical Group Leader
- Supply/Ground Support Group Leader
- Finance Section Chief
- Accounting Group Leader
- Claims Group Leader
- Legal Group Leader
- Business Resumption Section Chief
- Repair Coordinator

INCIDENT COMMANDER

The Incident Commander (IC) manages all activities related to an emergency response and acts as Qualified Individual (QI). As such, the Incident Commander needs to be familiar with the contents of the Facility Response Plan (FRP), Oil Spill Response Plan (OSRP), Emergency Response Action Plan (ERAP), and the Spill Prevention Control and Countermeasure Plan (SPCC). The Incident Commander (IC) must also be familiar with the operation of the Incident Command System (ICS) and the Unified Command Structure (UCS).

The primary goal of this system is to establish and maintain control of the emergency response. If the emergency involves a multi-jurisdictional response (Federal and State), the Unified Command Structure (UCS) should be established. **Realize that the Federal On-Scene Coordinator (FOSC) does have the authority to override the Incident Commander and assume control of the response**. Every effort should be made to establish a collaborative relationship to manage the incident site with the appropriate responding agencies.

As soon as possible following an incident, a critique of the response shall be conducted and follow-up action items identified. Participants may include Operations Control personnel, Company supervisors, and employees and outside agencies involved in the response.

Responsibilities:

- Maintain Activity Log.
- Establish Incident Command/Unified Command Post.
- Activate necessary section(s) of the Incident Command System (ICS) to deal with the emergency. Fill out the appropriate section(s) of the Incident Command organization chart and post it at the Incident Command Center.
- Develop goals and objectives for response.
- Work with Safety Officer and Planning Section Chief to develop a Site Safety Plan (SSP).
- Approve, authorize, and distribute Incident Action Plan (IAP) and SSP.
- Conduct planning meetings and briefings with the section chiefs.
- As Qualified Individual coordinate actions with Federal On-Scene Coordinator (FOSC) and State On-Scene Coordinator (SOSC).
- In a multi-jurisdictional response, ensure all agencies are represented in the ICS.
- Coordinate /approve media information releases with the FOSC, SOSC, and Public Information Officer (PIO).
- Keep management informed of developments and progress.
- Authorize demobilization of resources as they are no longer needed.
- Complete Incident Debriefing Form

PUBLIC INFORMATION OFFICER

The Public Information Officer (PIO) provides critical contact between the media/public and the emergency responders. The PIO is responsible for developing and releasing information about the incident to the news media, incident personnel, appropriate agencies and public. When the response is multi-jurisdictional (involves the federal and state agencies), the PIO must coordinate gathering and releasing information with these agencies.

The PIO needs to communicate that the Company is conducting an effective response to the emergency. The PIO is responsible for communicating the needs and concerns of the public to the Incident Commander (IC).

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from IC.
- Participate in all planning meetings and briefings.
- Obtain outside information that may be useful to incident planning.
- Develop goals and objectives regarding public information.
- Arrange for necessary workspace, materials, telephones and staffing for Public Information Center (PIC).
- Establish a PIC, ensuring all appropriate agencies participate.
- Provide a single point of media contact for the IC.
- Coordinate media access to the response site as approved by the IC.
- Obtain approval for release of information from the IC.
- Arrange for meetings between media and emergency responders.
- Maintain list of all media present.
- Participate in Post Incident Review.

LIAISON OFFICER

If a Unified Command Structure is not established, a Liaison Officer is appointed as the point of contact for personnel assigned to the incident from assisting or cooperating agencies.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Incident Commander (IC).
- Participate in planning meetings and briefings.
- Identify and maintain communications link with agency representatives, assisting, and coordinating agencies.
- Identify current or potential inter-organizational issues and advise IC as appropriate.
- Coordinate with Legal Group Leader and Public Information Officer (PIO) regarding information and documents released to government agencies.
- Participate in Post Incident Review

SAFETY OFFICER

The Safety Officer is responsible for assessing and monitoring hazardous and unsafe situations at the emergency response site(s). The Safety Officer must develop measures that assure the safety of the public and response personnel. This involves maintaining an awareness of active and developing situations, ensuring the preparation and implementation of the Site Safety Plan (SSP) and assessing safety issues related to the Incident Action Plans (IAP).

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Incident Commander (IC).
- Develop, implement, and disseminate SSP with IC and section chiefs.
- Participate in planning meetings and briefings.
- Establish safety staff if necessary.
- Identify emergency contact numbers. Fill out emergency contact chart and post in the Incident Command Center.
- Conduct safety briefings with all emergency responders.
- Investigate accidents that have occurred during emergency response.
- Ensure proper hazard zones are established.
- Ensure all emergency responders have appropriate level of training.
- Ensure proper Personal Protective Equipment (PPE) is available and used.
- Advise Security/Medical Group Leader concerning PPE requirements.
- Ensure emergency alarms/warning systems are in place as needed.
- Participate in Post Incident Review

OPERATIONS SECTION CHIEF

The Operations Section Chief is responsible for the management of all operations applicable to the field response and site restoration activities. Operations directs field activities based on the Incident Action Plan (IAP) and Site Safety Plan (SSP).

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Incident Commander (IC).
- Participate in Incident Command planning meetings and briefings.
- Conduct planning meetings and briefings for Operations Section.
- Develop operations portion of IAP.
- Supervise the implementation of the IAP.
- Make or approve expedient changes to the IAP.
- Request resources needed to implement IAP.
- Approve list of resources to be released.
- Ensure safe tactical operations.
- Establish a staging area for personnel and equipment.
- Confirm first responder actions.
- Confirm the completion of rescue/evacuation and administering of first aid.
- Confirm site perimeters have been established.
- Coordinate activities of public safety responders, contractors, and mutual assistance organizations.
- Participate in Post Incident Review

STAGING GROUP LEADER

The Staging Group Leader is responsible for managing all activities within the staging area(s). The Staging Group Leader will collect, organize, and allocate resources to the various response locations as directed by Operations Section Chief.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Operations Section Chief.
- Participate in Operations' planning meetings and briefings.
- Advise Operations Section Chief of equipment location and operational status.
- Periodically advise Operations Section Chief on inventory status of consumable items (sorbent pads, sorbent boom, etc.).
- Coordinate with Logistics Section Chief regarding inbound equipment, personnel, and supplies.
- Participate in development of Operations' portion of Incident Action Plan (IAP).
- Establish check-in function and inventory control as appropriate.
- Allocate personnel/equipment to site(s) as requested.
- Establish and maintain boundaries of staging area(s).
- Demobilize/relocate staging area as needed.
- Post signs for identification and traffic control.
- Participate in Post Incident Review

REPAIR GROUP LEADER

The Repair Group Leader is responsible for supervising the repair and restoration of pipeline facilities.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Operations Section Chief.
- Periodically advise Operations Section Chief on status of restoration activities.
- Conduct frequent hazard assessments and coordinate safety needs with Operations Section Chief and Safety Officer.
- Participate in Operations' planning meetings and briefings.
- Participate in development of Operations' portion of Incident Action Plan (IAP).
- Conduct facility restoration activities in accordance with Company procedures, Site Safety Plan (SSP) and IAP.
- Determine and request additional materials, equipment, and personnel as needed.
- Ensure all equipment is decontaminated prior to being released.
- Participate in Post Incident Review

CONTAINMENT GROUP LEADER

The Containment Group Leader is responsible for supervising the containment and recovery of spilled product and contaminated environmental media both on land and on water.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Operations Section Chief.
- Participate in Operations' planning meetings and briefings.
- Participate in development of Operations' portion of Incident Action Plan (IAP).
- Conduct activities in accordance with the IAP.
- Assess overall situation for containment and recovery needs and supervise group activities.
- Periodically advise the Operations Section Chief on the status of containment and recovery actions.
- Ensure hazard zones are established and maintained.
- Ensure adequate communication equipment for the containment group response.
- Determine and request additional resources as needed.
- Participate in Post Incident Review

PLANNING SECTION CHIEF

The Planning Section Chief is responsible for collecting, evaluating, and disseminating information related to the current and future events of the response effort. The Planning Section Chief must understand the current situation; predict the future course of events; predict future needs; develop response and cleanup strategies; and review the incident once complete.

The Planning Section Chief must coordinate activities with the Incident Commander (IC) and other Section Chiefs to ensure that current and future needs are appropriately handled.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from the IC.
- Establish and maintain communication with IC and other Section Chiefs.
- Advise IC on any significant changes of incident status.
- Conduct planning meetings and briefings for Planning section.
- Coordinate and provide input to the preparation of the Incident Action Plan (IAP).
- Participate in Incident Command planning meetings and briefings.
- In a multi-jurisdictional response, ensure that all agencies are represented in the Planning Section.
- Coordinate future needs for the emergency response.
- Determine response personnel needs.
- Determine personnel needs and request personnel for Planning section.
- Assign technical specialists (archaeologists, historians, biologists, etc.) where needed.
- Collect and analyze information on the situation.
- Assemble information on alternative response and cleanup strategies.
- Ensure situation status unit has a current organization chart of the Incident Command Organization.
- Provide periodic spill movement/migration prediction.
- Participate in Post Incident Review

ENVIRONMENTAL GROUP LEADER

The Environmental Group Leader is responsible for ensuring that all areas impacted by the release are identified and cleaned up following company and regulatory standards. The Environmental Group Leader supports Planning and Operations to minimize and document the environmental impact of the release.

The Environmental Group Leader must plan for future site considerations such as long-term remediation and alternative response strategies in unusually sensitive areas. In a Unified Command Structure (UCS), representatives from the federal and state responding agencies will be included in this group.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from the Planning Section Chief.
- Participate in Planning section meetings and briefings.
- Participate in development of Planning's portion of Incident Action Plan (IAP).
- Coordinate environmental activities with responding regulatory agencies.
- Periodically advise the Planning Section Chief on status of group activities.
- Request additional personnel/specialists to support response effort.
- Determine environmental group resource needs.
- Identify and develop a prioritized list of natural, cultural, and economic (NCE) resources at risk.
- Initiate and coordinate Natural Resources Damage Assessment (NRDA) activities.
- Develop a management plan for recovered contaminated media and ensure coordination with Containment Group Leader.
- Ensure proper management of injured/oiled wildlife.
- Determine alternative cleanup strategies for response.
- Participate in Post Incident Review

SITUATION GROUP LEADER

The Situation Group Leader is responsible for the collection, evaluation, display, and dissemination of all information related to the emergency response effort. The Situation Group Leader must establish and maintain communications with all portions of the Incident Command and the response site in order to collect the information. The Situation Group Leader also attempts to predict spill movement/migration and identifies areas that may be impacted by the emergency.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from the Planning Section Chief.
- Participate in Planning section meetings and briefings.
- Participate in development of Planning's portion of Incident Action Plan (IAP).
- Maintain a master list of response resources ordered, in staging and in use.
- Collect and display current status of requested response resources.
- Collect and display current status of resources, current spill location, personnel, and weather.
- Analyze current information to determine spill trajectory and potential impacts.
- Disseminate information concerning the situation status upon request from the emergency responders.
- Provide photographic services and maps.
- Establish periodic reconnaissance of impacted area to support information needs.
- Collect information on the status of the implementation of Incident Action Plans. Display this information in the Incident Command Center.
- Participate in Post Incident Review

LOGISTICS SECTION CHIEF

The Logistics Section Chief is responsible for procuring facilities, services, and material in support of the emergency response effort.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from the Incident Commander (IC).
- Participate in Incident Command planning meetings and briefings.
- Conduct planning meetings and briefings for Logistics section.
- Participate in the preparation of the Incident Action Plan (IAP).
- Identify service and support requirements for planned operations.
- Identify sources of supply for identified and potential needs.
- Advise IC on current service and support requirements.
- Procure needed materials, equipment and services from sources by means consistent with the timing requirements of the IAP and Operations.
- Ensure all purchases are documented.
- Participate in Post Incident Review

COMMUNICATIONS GROUP LEADER

The Communications Group Leader is responsible for ensuring that the Incident Command and emergency responders have reliable and effective means of communication. This may involve activation of multiple types of communications equipment and coordination among multiple responding agencies and contractors.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Logistics Section Chief.
- Periodically advise Logistics Section Chief on status of communications group.
- Participate in Logistics section planning meetings and briefings.
- Participate in development of Logistics' portion of Incident Action Plan (IAP).
- Establish an Incident Command communications center.
- Ensure Incident Commander (IC) has communications compatible with other response agencies.
- Identify all communications circuits/equipment used by emergency responders and keep a chart updated with this information.
- Determine the type and amount of communications required to support the response effort (computer, radio, telephone, fax, etc.).
- Ensure timely establishment of adequate communications equipment and systems.
- Advise Logistics Section Chief on communications capabilities/limitations.
- Establish an equipment inventory control system for communications gear.
- Ensure all equipment is tested and repaired.
- Participate in Post Incident Review

SECURITY/MEDICAL GROUP LEADER

The Security/Medical Group Leader is responsible for developing a plan to deal with medical emergencies, obtaining medical aid and transportation for emergency response personnel, and preparation of reports and records.

The Security/Medical Group Leader is responsible for providing safeguards needed to protect personnel and property from loss or damage. The Security/Medical Group Leader also controls access to the emergency site and Incident Command Center.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Logistics Section Chief.
- Periodically advise Logistics Section Chief on the status of security and medical problems.
- Participate in Logistics meetings and briefings.
- Participate in development of Logistics' portion of Incident Action Plan (IAP).
- Determine and develop security/medical support plan needs.
- Request medical or security personnel, as needed.
- Work with Safety Officer to identify/coordinate local emergency medical services.
- Coordinate with Safety Officer and Operations Section Chief to establish the Site Safety Plan (SSP) with site boundaries, hazard zones, escape routes, staging areas, Command Center and Personal Protective Equipment (PPE) requirements.
- Coordinate/develop an identification system in order to control access to the incident site.
- Participate in Post Incident Review

SUPPLY/GROUND SUPPORT GROUP LEADER

The Supply/Ground Support Group Leader is responsible for procurement and the disposition of personnel, equipment, and supplies; receiving and storing all supplies for the incident; maintaining an inventory of supplies; and servicing non-expendable supplies and equipment. The Supply/Ground Support Group Leader supports the following: transportation of personnel; supplies, food, equipment; and fueling, service, maintenance and repair of vehicles and equipment.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Logistics Section Chief.
- Periodically advise Logistics Section Chief on status of supply/ground support group.
- Participate in Logistics meetings and briefings.
- Participate in development of Logistics' portion of Incident Action Plan (IAP).
- Communicate with Staging Group Leader concerning material, equipment and personnel that are inbound and the approximate time of arrival.
- Coordinate with other Section Chiefs to ascertain the priority of needed materials, equipment and services.
- Coordinate with Finance Section Chief to establish accounts, purchase orders, AFEs and procedures as necessary.
- Establish an inventory control system for materials and equipment.
- Maintain roads, when necessary.
- Participate in Post Incident Review

FINANCE SECTION CHIEF

The Finance Section Chief is responsible for accounting, legal, right-of-way and risk management functions that support the emergency response effort. In this role, the primary responsibility is supporting the Command Staff and Logistics Section matters pertaining to expenses during and following the emergency response.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Incident Commander (IC).
- Participate in Incident Command planning meetings and briefings.
- Conduct planning meetings and briefings for Finance section.
- Participate in preparation of the Incident Action Plan (IAP).
- Participate in planning meetings.
- Participate in Unified Command System (UCS) as incident warrants.
- Request assistance of corporate accounting, legal, right-of-way or risk management as needed.
- Assist with contracting administration.
- Participate in Post Incident Review

ACCOUNTING GROUP LEADER

The Accounting Group Leader is responsible for accumulating and dispensing funding during an emergency response. All charges directly attributed to the incident should be accounted for in the proper charge areas.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Finance Section Chief.
- Periodically advise Finance Section Chief.
- Participate in Finance planning meetings and briefings.
- Participate in development of Finance's portion of Incident Action Plan (IAP).
- Make recommendations for cost savings to Finance and Logistics Section Chiefs.
- Establish accounts as necessary to support the Logistics section.
- Ensure all invoices are documented, verified, and paid accordingly.
- Involve corporate accounting group for assistance as necessary.
- Participate in Post Incident Review

CLAIMS GROUP LEADER

The Claims Group Leader is responsible for managing all risk management and right-of-way issues at, during, and following an emergency response. It is important that all claims are investigated and handled expediently.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Finance Section Chief.
- Participate in Finance planning meetings and briefings.
- Participate in development of Finance's portion of Incident Action Plan (IAP).
- Periodically inform affected parties of status of emergency response.
- Review and authorize payment of all claims.
- Provide needs of evacuated persons or groups.
- Purchase or acquire property.
- Inform and update necessary insurance groups and underwriters.
- Involve corporate Risk Management or Land, Records, and Claims as needed.
- Participate in Post Incident Review

LEGAL GROUP LEADER

The Legal Group Leader is responsible for advising the Incident Command Staff and Section Chiefs on all matters that may involve legal issues.

Responsibilities:

- Maintain Activity Log.
- Obtain briefing from Finance Section Chief.
- Periodically advise Finance Section Chief of status.
- Participate in Finance planning meetings and briefings.
- Participate in development of Finance's portion of Incident Action Plan (IAP).
- Conduct investigations per Incident Commander's (IC) request.
- Provide skilled negotiators.
- Communicate to all affected emergency response personnel if work product is declared "Attorney-Client Privilege. "
- Participate in Post Incident Review

BUSINESS RESUMPTION SECTION CHIEF

The Business Resumption Section Chief is responsible for managing and directing activities of the repair crews and contractors.

Responsibilities:

- Establish and direct the repairs activities.
- Ensure that all work is done in a manner to ensure the safety of all employees and the public.
- Establish and direct any required staging activities.
- Participate in Post Incident Review

REPAIR COORDINATOR

The Repair Coordinator is responsible for the timely, efficient, and safe repair of the damaged pipeline segment so that loss of service will be as brief as possible without compromising safety or integrity of repair. Ensure that temporary and/or permanent repair of the affected asset is done in accordance with approved methods.

Responsibilities:

- Determine extent and cause of damage.
- Obtain necessary materials, personnel and equipment to repair damage.
- Plan and execute repairs.
- Verify that repairs are complete and sound using proven test methods (x-ray, hydrostatic test or other accepted methods) and in compliance with DOT requirements.
- Supervise completion of repair by the use of proper back-fill materials and techniques.
- Return the ROW to acceptable condition.
- Inform the Incident Commander when pipeline is ready for return to service.
- Coordinate activities with HES and DOT representatives.
- Participate in Post Incident Review

Maps have been redacted in accordance with the FOIA Exemption 7(F).