

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Kinder Morgan Pipeline - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #2
Progress POLREP
Kinder Morgan Pipeline

Tampa, FL
Latitude: 27.9739740 Longitude: -82.3205680

To:
From: Richard Jardine, OSC
Date: 7/30/2011
Reporting Period: 27JUL2011 to 31 JUL 2011

1. Introduction

1.1 Background

Site Number:	Z4UF	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	7/23/2011	Start Date:	7/23/2011
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E11422	Reimbursable Account #:	HR04R0XUF302D91C

1.1.1 Incident Category - Emergency Response

1.1.2 Site Description -Pipeline spill of jet fuel impacting navigable waters of the United States.

1.1.2.1 Location - Near East Broadway Avenue and Williams Road intersection in Tampa, Hillsborough County, Florida.

1.1.2.2 Description of Threat - Kinder Morgan (Central Florida Pipeline) reported a release of refined petroleum from its pipeline at approximately 1945 hours on Friday, July 22, 2011. The 10-inch pipeline serves the Orlando Airport and was carrying jet fuel at time of release. The location of the pipeline's release was under a canal which flows into a nearby creek. The creek then flows into the Tampa Bypass Canal which drains into the McKay Bay. Residential and commercial properties are located within the vicinity of the spill location and along the bank of the creek. Complaints of smelling fuel were ongoing.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results - Phone Duty Officer Gary Andrew deployed OSC Chris Russell to the site. Upon arrival, OSC Chris Russell met with state and local agencies and the potentially responsible party. At the site, product could be seen flowing upwards from the pipe and into the creek. The release was unsecured and ongoing.

Unified command was established with USEPA, FDEP, FDEM, Hillsborough County Environmental Protection Commission, Hillsborough County Fire Rescue, and Central Florida Pipeline. Central Florida Pipeline hired contractors to address the mitigation efforts and to stop the release. OSC Russell requested START and three additional OSCs to respond to the scene.

2. Current Activities

2.1 Operations Section

2.1.2 Response Actions to Date - For activity that occurred previously, please review prior POLREPs. Detailed IAPs can also be found along with other documents on EPAOSC.org

During this reporting period, the pipeline was backfilled and a concrete blanket placed on it. The banks were regraded and the culverts under the railroad were reopened flowing water into the contaminated canal.

DIVISION 1 - from E Broadway to I-75 culvert. The first segment of Division 1 (E Broadway to the driveway serving the First Apostolic church) was flushed with creek water, cleared of all vegetative debris, and reflushed. After the second flushing, this segment was allowed to sit dormant to determine the quantity of

oil that would leach unassisted. The unassisted leaching has occurred for 3 days yielding a 2 square yard patch of emulsified oil. The second segment of Division 1 (from the church driveway to River International Drive was washed and all but about fifty feet of vegetation removed. This segment has emulsified oil remaining. The third segment (from River Intn'l to I-75) has had an underflow dam installed about 600 feet down this segment. In this segment some vegetation has been removed and banks flushed. Heavy emulsion and some free product remain. The underflow dam appears to be working well. Response personnel have used vacuum trucks, drum skimmers, blowers, absorbents and trash pumps to collect and remove the oil from this Division.

DIVISION 2 - from I-75 culvert to N Falkenburg Road. This segment has three metal underflow dams constructed by attaching corrugated metal roofing to box culverts. The underflow dams appear to be working well. There are also several boom containment zones and one plywood containment device. This segment is a wetlands remediation area that is under the management authority of the South West Florida Water Management District, Hillsborough County Environmental Control, and Florida Department of Environmental Protection. These agencies have permitted the removal of oiled vegetation, but no sediments. Response personnel have been using vaccum trucks, drum skimmers, blowers, absorbents, trailer-mounted vacuum modules, and a long stick excavator to remove oil and debris from this Division.

DIVISION 3 - from N Falkenburg Road to Craigmont Road. This Division is fairly swift moving water and has much less vegetation in the waterway. The impediment here is the thick under growth and lack of maintenance has deposited leaf and limb from fallen trees. Work crews in this Division have concentrated on removing these obstructions to allow the oil to flow downstream to a collection point.

DIVISION 4 - from Craigmont to Coconut Palm Drive. This Division has an earthen underflow device at Riga road, a 4 acre detention pond, and a steel underflow device at the Coconut Palm box culvert. Response crews have installed a boom raceway across the pond to keep oil from spreading out and contaminating the banks. There are also several hard booms deployed in strategic positions to capture oil. Responders are using vacuum trucks, leaf blowers and absorbentsto collect oil from this division.

DIVISION 5 - from Coconut Palm to the spillway discharging to the Tampa By-Pass Canal. The Tampa By-Pass Canal is a source of drinking water for the City of Tampa. The upper reaches of this segment appear only slightly oiled. Responders have established several rows of hard boom and absorbent boom as well as absorbent sweeper along this Division.

Air monitoring is ongoing to ensure the safety of response personnel and the community. Two AreaRaes are deployed at the day care center and the Citibank property (Division 2). A roving monitor is simulatneously used. Response crews also conduct health and safety monitoring during agitation activity such as washing canal banks or flushing oil from vegetation. Results from continuous and periodic air monitoring show there are no health concerns. Air monitoring during night operations has ceased.

A Wetlands and Wildlife Group conduct regular bird hazing, collect and identify affected animals, and conduct assessments of impacted wetland areas.

A Waste Disposal Group focuses on off loading the frac tanks to tanker trucks for transport to the FCC Plant City Treatment facility, as well as haul the solid waste to appropriate lanfills in accordance with the Waste Management Plan. To date, an estimated 300,000 gallons of liquids have been manifested to the treatment site.

Night operations consist of two roving vacuum truck Strike Teams that recover oil from indicated collection points in all Divisions.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Central Florida Pipeline is the RP.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
PCW	water	300,000 gallons		X	

2.2 Planning Section

2.2.1 Anticipated Activities - response crews will continue to flush the canal with water, remove obstructive vegetation and debris to allow better flow, and recover the oil.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps - After a segment is adequately cleaned and flushed, where only sheening is observed, the responders will apply absorbent pads to the collection point pools to absorb residual sheening.

2.2.2 Issues - FDEP and HCEC will not allow the RP to use decant water to assist in flushing of the heavily oiled canal segments. If rainfall does not provide the necessary water for the clean up effort, a suitable water source will have to be found.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.