

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lance Oil Gasoline Spill - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #4
Clean-up continues
Lance Oil Gasoline Spill

Atlanta, GA
Latitude: 33.7961071 Longitude: -84.3697697

To:
From: Subash Patel, OSC
Date: 5/10/2010
Reporting Period: 05/07/2010 to 05/10/2010

1. Introduction

1.1 Background

Site Number:	Z4SJ	Contract Number:	EP-S4-0704
D.O. Number:	0704-F4-0084	Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	4/21/2010	Start Date:	4/17/2010
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E10416	Reimbursable Account #:	

1.1.1 Incident Category - Emergency Response to an Oil Pollution Incident

1.1.2 Site Description - Lance Oil Gasoline Discharge

1.1.2.1 Location - 1539 Piedmont Ave, Atlanta, Fulton County, GA

1.1.2.2 Description of Threat - Oil in surface water

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On or prior to Saturday 17APR10 RP Lance Oil Company retained GA Oilmen's Services (GOS) to advise regarding discrepancies in fuel volume accounting for a 4,000 gallon UST. The RP retained SWS to conduct initial defensive tactics (placing absorbent boom in creek) and GOS to manage the overall project including determining and mitigating the root cause. GOS has made the determination that an old steel UST that failed tightness testing was the source of the oil discharge and had the remaining gasoline removed from the tank. GOS coordinated their efforts with the GAEPD UST Program and City of Atlanta Watershed Management Environmental Section.

On Wednesday 21APR10 a concerned citizen contacted EPA who mobilized to the scene and, in turn, notified GA EPD Emergency Response Program. Free product was observed flowing into the creek and the original absorbent boom was saturated to capacity with oil. EPA instructed GOS to immediately replace the boom and apply additional absorbent materials to minimize the flow of oil into the creek. OSC Jardine and GOS then discussed a more robust strategy of excavating cutoff trenches to intercept the flow of oil prior to it entering the creek. GOS has conducted the preparatory activity including utility search and access approvals.

On Thursday 22APR10 OSC Jardine issued a Notice of Federal Interest to Lance Oil (c/o GOS Mark Faas) and reconned site with GOS and Pittman Grading. EPA clarified objectives and Pittman set out to develop tactics. GOS continued to coordinate activity and change out oil-saturated materials. OSC Jardine identified concern regarding oil sheen continuing to escape confinement.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative - After initial discovery, Lance Oil secured GA Oilmen's Services began to take responsible charge of the response to the oil discharge.

2.1.2 Response Actions to Date - On 07MAY10, Environmental Restoration opened a trench downstream of the fiber optic cable area. Groundwater mixed with some product was pumped out of trench. Trench was remained open to allow for continuous bleeding and pumping. A second trench was dug upstream of the fiber optic cable area. Groundwater mixed with product was pumped out of trench. The upstream trench contained more product and bled faster than the downstream trench. On the morning of 10MAY10, about 500 gallons of groundwater mixed with product was pumped out from upstream trench. The upstream trench continues to bleed heavily with product.

Booms and pads continue to be placed in the creek. Sheen can still be seen in creek; however, pads and boom are absorbing the sheen. About 1,200 gallons of groundwater mixed with product have been removed since the beginning of site operations. About 20% of the collected liquid is product. Once groundwater and product have separated in totes, groundwater is treated and then discharged into a grassy area on site. Product is collected and staged for disposal.

2.2 Planning Section

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.