

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
MS Resources Oil Spill - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #1
Initial POLREP
MS Resources Oil Spill
Collins, MS
Latitude: 31.6851000 Longitude: -89.4680470

To: James Webster, USEPA R4 ERRB
Ernie Shirley, MSDEQ

From: Leo Francendese, FOSC

Date: 4/19/2015

Reporting Period: 4/16/2015 thru 4/19/2015

1. Introduction

1.1 Background

Site Number:	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: 4/16/2015	Start Date: 4/16/2015
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:
FPN#: E15427	Reimbursable Account #:

1.1.1 Incident Category

This is an OPA emergency response to a discharge of oil to waters of the United States.

1.1.2 Site Description

This is a response to a discharge of approx 100 bbls of light end crude from a wellhead at the Black Stone #1 which is owned and operated by MS Resources. The discharge traveled for approx 2 miles down Oakey Woods Creek before being contained.

1.1.2.1 Location

The wellhead does not have a mailing address but is found by heading due east of Collins, MS for approximately 3 miles. The GPS coordinates of the wellhead are as follows: Latitude 31.685100 Longitude - 89.468047.

1.1.2.2 Description of Threat

A discharge of approximately 100 bbls of light end crude has occurred. This discharge has impacted waters of the US for approximately 2 miles as well as forced the self evacuation of a nearby resident due to odor for several hours. Continued storm events threaten to increase the migration, necessitating urgent response actions to contain and remove the discharged oil.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Upon arrival on the 16th, the OSC verified the discharge to waters of the US of approximately 100 bbls. The discharge was discovered by a passing truck driver on Hwy 84 and, as a result, the Collins Fire Department executed initial booming containment at Hwy 84. The discharge was secured at the wellhead source and the RP had hired sufficient resources to respond. The OSC, supported by USCG GST moved into unified command with the RP and MSDEQ SOSC. Covington County EMA and the Collins Fire Department entered into the incident command system serving community outreach and public information functions.

2. Current Activities

2.1 Operations Section

2.1.1 Response Actions to Date

Please see the IAPs for a more detailed description

April 16, 2015

Initial discovery was made by a passing truck driver on Hwy 84 during the morning of the 16th. The Collins Fire Department provided initial booming and containment at Hwy 84. MSOG was notified by the RP and MSOG then notified MSDEQ who notified the NRC requesting the EPA OSC. The RP hired a response contractor as well as an environmental contractor to conduct both air monitoring and water sampling as needed.

The RP secured the discharge within the first few hours of discovery.

The response operations were divided into 3 zones and response tactics were conducted on a 24 hr basis.

Operational tactics included :

1. Hard boom containment at 3 locations along a 2 mile stretch of impacted creek.
2. Freeing and herding of crude in between the zones to the containment and capture locations.
3. Padding, snaring, soft boom recovery, vac truck and absorbant product named Cellusorb used in as needed locations.

An initial SCAT was conducted and can be found on this webpage in the document section.

PIO functions were conducted by the City of Collins Fire Chief and County EMA Director. Please see news links on this webpage for further info. Additional outreach was conducted by the RP and the County concerning downstream resident creek use.

Operations successfully managed an approx 1" precipitation event.

April 17, 2015

An interim SCAT was conducted and can be found on this webpage in the document section.

The above three operational tactics continued.

24 hr operations were discontinued.

Perimeter air monitoring was discontinued by 1600.

Grubbing and pre-excavation planning (including pipeline locating) were conducted on the 17th for the excavation that was planned immediately downgradient of the wellhead source.

PIO functions were conducted by the City of Collins Fire Chief and County EMA Director. Please see news links on this webpage for further info. Additional outreach was conducted by the RP and the County concerning downstream resident creek use.

Surface water samples were collected in response to a concern from a downstream resident relating to use of the creek for livestock.

Operations successfully managed a less than 1/2" precipitation event.

April 18, 2015

The above three operational tactics continued.

An underflow dam and berm were constructed as part of the preparation for the upcoming excavation adjacent to the wellhead.

Decon activities began for equipment and hard boom.

The following workplans have been approved and can be found on the webpage in the document section:

1. Health and Safety Plan
2. Air Monitoring Plan
3. Waste Management Plan

Additional surface water samples were collected to monitor the creek water quality as it pertains to downstream livestock use.

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

The PRP is MS Resources. They have been issued a NOFI which can be found in the documents section of this webpage.

2.1.4 Progress Metrics

Approximately 58 bbls of oil have been recovered as of 4/18/2015



<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

NOAA will assist the EPA OSC with determining the potential evaporation rate of the spilled material.

MDEQ is compiling surface water data results and will compare the data to the State Target Remediation Goals (TRG). A link to the TRG table has been placed on the webpage. The determination will be coordinated with the local County EMA and Fire Chief as well as downstream surface water users.

The response actions will commence with excavation activities adjacent to the source area on the 20th.

The response in the creek is expected to transition to operations and maintenance activities on the 20th.

2.3 Logistics Section

2.4 Finance Section

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
USCG GST	\$7,000.00	\$1,500.00	\$5,500.00	78.57%
Intramural Costs				
USEPA - Direct	\$10,000.00	\$5,000.00	\$5,000.00	50.00%
USEPA - InDirect	\$2,679.00	\$0.00	\$2,679.00	100.00%
Total Site Costs	\$19,679.00	\$6,500.00	\$13,179.00	66.97%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

Unified Command

EPA OSC
MS Resources
MDEQ SOSC

Supporting Agencies

MOGB
USCG GST
City of Collins Fire Department
Covington County EMA Director
NOAA

3. Participating Entities

4. Personnel On Site

5. Definition of Terms

6. Additional sources of information

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7. Situational Reference Materials

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POLREP #1 Last Updated 4/20/2015