U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Kalamazoo River/Enbridge Spill - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #1**
Initial
Kalamazoo River/Enbridge Spill
Z5JS
Marshall, MI
Latitude: 42.2395273 Longitude: -84.9662018

To: David Chung, U.S. EPA
Jason El-Zein, U.S. EPA
Duty Officer, NRC
Michael Chezik, US Department of Interior
Linda Nachowicz, US EPA
OSLTF USCG, USCG
James Rutherford, Calhoun County Health Department
Connie Gibson, Calhoun County Sheriffs office
Cheryl Vosburg, City of Marshall
Jill Slaght, 7th district of Michigan
Ken Brock, 7th District of Michigan
Bruce Vanotteren, MDNRE
Brian Pierzina, PHMSA Central Region
Thomas Hemminger, USCG Grand Haven
Ronna Beckmann, U.S. EPA
CAPT Stephen Torpey, USCG
Scott Corbin, Allegan County EMA Director

From: Stephen Wolfe, On-Scene Coordinator
Jeffrey Kimble, On-Scene Coordinator

Date: 7/27/2010

Reporting Period: July 26, 2010 18:00 to July 27, 2010 0600

1. Introduction

1.1 Background

Site Number:	Z5JS	**Contract Number:**	
D.O. Number:		**Action Memo Date:**	
Response Authority:	OPA	**Response Type:**	Emergency
Response Lead:	PRP	**Incident Category:**	Removal Assessment

NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	7/26/2010	**Start Date:**	7/26/2010
Demob Date:		**Completion Date:**	
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	
FPN#:	E10527	**Reimbursable Account #:**	

1.1.1 Incident Category

Emergency Response -- Pipeline Rupture

1.1.2 Site Description

a 30 inch pipeline ruptured releasing its contents (NRC report of 19,500 barrels) into a culvert leading to the Tallmadge Creek. Tallmadge Creek leads to the Kalamazoo River. The site is along the River running from Marshall Michigan to Battle Creek Michigan. The River is bordered by marshland, residential properties, farm land, and commercial properties for the approximate 16 mile stretch of the affected river

1.1.2.1 Location

Spill location origin is in Marshall, Michigan

1.1.2.2 Description of Threat

Crude oil is released from the pipeline and has entered a navigable waterway

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Approximately 16 miles of the Kalamazoo River has been impacted. The River is running higher than normal due to recent heavy rains in the area. Tallmadge Creek has been boomed at the confluence to the Kalamazoo River. Preliminary booming is in place along the Kalamazoo River.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

RP is ordering more response resources (additional Booming, Vac Trucks, Frac Tanks, Tanker Trucks) to arrive mid morning on July 27.

RP is booming 30 miles downstream at Morrow Lake as a collection point.

RP is booming approximately 12 miles downstream on the Kalamazoo River (near BattleCreek) to catch the leading edge of material.

Recovered material is being temporarily stored in frac tanks on site. Tanker trucks are then

transporting the material to another facility of the RP with available storage (Griffith IN, approximately 100 miles).

START is assisting the RP with air monitoring in the residential neighborhoods. Benzene is the contaminant of concern and the ATSDR MRL of 0.09 ppm is being used as an awareness level to trigger additional response actions as neccessary (to include evacuations). These air monitoring rounds are being conducted hourly. START deployed AREA RAEs in the residential areas and are datalogging readings for changes in VOCs.

US Fish and Wildlife Service will oversee operations with the capture and cleaning of affected wildlife. As of 23:00 approximately 43 geese were reported dead and an additional 20 oiled geese were affected.

Approximately 6 residential homes have self evacuated due to the odor and the RP is providing lodging.

Calhoun County Health and the Calhoun County Sheriffs Department are providing assistance as requested

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

Enbridge is the PRPs

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*

2.2 Planning Section

2.2.1 Anticipated Activities

Mobe addiitonal equipment (Vac trucks, tanker trucks, boom, etc).

Set additional boom

recover oil from the river

continue air monitoring activities

2.2.1.1 Planned Response Activities

see Anticpated Activities

2.2.1.2 Next Steps

See Anticipated Activities

2.2.2 Issues

The Kalamazoo River is currently running fast due to heavy rains in the area recently affecting booming strategies.

The affected portion of the Kalamazoo River runs through marshland and assessments of the areas need to be performed

The RPs contractors are working on a waiver for the truck drivers to bring additional storage capacity to the site.

RP has been informed that a Superfund site (PCB cleanup) is occuring on the Kalamazoo River Downstream of Morrow Lake (approximately 35 river miles downstream). The PRP has been advised to make all efforts neccessary to ensure the oil does not reach the Superfund Site.

2.3 Logistics Section

Planning for 24 hour operations.

Currently 2 OSCs are on staff per rotation (with more expected).

8 STARTS are on staff for day operations and 4 STARTS are on staff for night time operations.

2.4 Finance Section

2.4.1 Narrative

The Oil Spill Liability Trust Fund has been accessed for U.S. EPA expenditures. FPN E10527

US Fish and Wildlife is requesting a PRFA for their activities.

The RP is currently financing the cleanup operations.

2.5 Safety Officer

A 50 foot perimeter has been established as the hot zone near the vac trucks. personnel inside the area are wearing half face air purifying respirators due to benzene content. Workers in the area are using personal monitors for benzene.

A site Specific Health and Safety Plan is being drafted.

2.6 Liaison Officer

2.7 Information Officer

2.7.1 Public Information Officer

RP has a PIO for the project

2.7.2 Community Involvement Coordinator

3. Participating Entities

3.1 Unified Command

Enbridge (Responsible Party)
US EPA
Michigan Department of Natural Resources and Environment

3.2 Cooperating and Assisting Agencies

Calhoun County Sheriff's Department
Calhoun County Public Health Department
US Fish and Wildlife
City of Marshall Health Department
Michigan State Police
Representative for Congressman Mark H. Schauer
Pipeline and Hazardous Materials Administration

4. Personnel On Site

2 OSCs
4 START

RP personnel

5. Definition of Terms

6. Additional sources of information

6.1 Internet location of additional information/reports

6.2 Reporting Schedule

7. Situational Reference Materials