

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Buckeye Pipeline - Kankakee Gasoline Spill - Removal Polrep
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #1
Initial
Buckeye Pipeline - Kankakee Gasoline Spill
Kankakee, IL
Latitude: 41.1435080 Longitude: -87.9022360

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From: Paul Atkociunas, OSC

Date: 3/14/2014

Reporting Period: March 14, 2014

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: 3/14/2014	Start Date: 3/14/2014
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification: 03/14/2014
FPN#: E14508	Reimbursable Account #:

1.1.1 Incident Category

Petroleum release (suspected gasoline) on drainage ditch near Buckeye pipelines in Kankakee, IL

1.1.2 Site Description

The two Buckeye pipelines where the petroleum sheen was encountered is located on IL-113 between Indian Trail Road and Stone Creek Road (1500 W Road) in Kankakee, IL. The site is in a mixed rural and residential area and is located approximately 1500 feet south of the Kankakee River. The drainage ditch where the sheen was located is on the south side of IL-113 and flows west towards a culvert which runs north under IL-113 and toward the Kankakee River.

1.1.2.1 Location

IL-113 and Indian Trail Road, Kankakee, IL

1.1.2.2 Description of Threat

There is a potential threat to soil and groundwater from a gasoline release. Residents located east of the site are on private wells. In addition, the drainage ditch flows to the Kankakee River approximately 1500 feet north of the site. Gasoline / product was observed at the surface in a residential yard to the North of the release point. The pipeline crosses under the Kankakee River which is located approximately 1200 feet

from the yard. The pipeline may provide a conduit for gasoline to travel to the navigable waterway.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Buckeye is excavating near their pipelines to see if there is indeed a pipeline break and what impacts to soil and groundwater occurred.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

On the morning of March 14, 2014, Buckeye Pipeline reported a release of gasoline from the vicinity of two 8-inch pipelines (162 and 163) near the intersection of State Route 113 and Indian Trail Road, Kankakee, Kankakee County, Illinois 60691. The release was estimated at 500 gallons. There is a drainage ditch located west of the suspected release location which leads to the Kankakee River which is located approximately 0.5 miles to the North. A residential community is also located approximately 0.25 miles to the North. There no reports of impacts to the Kankakee River.

2.1.2 Response Actions to Date

The following response actions occurred on 3/14/14:

- Buckeye Pipeline mobilized contractors and equipment to site. Contractors include Future Environmental; SET Environmental; CRA; and Midwest Contractors. Heavy equipment mobilized included two excavators and several tanker trucks
- Buckeye cleared shrubbery around the area where the pipelines are located and began excavation. During excavation, gasoline fumes were noted and excavation was stopped in order to update the health and safety plan and increase level of protection for workers
- Buckeye's contractor, CRA, performed air monitoring during excavation, in areas of the spill and the residential area.
- The area north of the pipeline spill across IL-113 was discovered to be heavily contaminated with petroleum product. The area impacted with oil includes a small agricultural field and a drainage ditch which flows east and then north.
- The police department and Buckeye contractors visited residences to update them on situation and to see if they were having any issues with water
- IEPA was on site to monitor situation and work with U.S. EPA
- U.S. EPA's contractor, Weston, performed air monitoring with a PID and documented site activities. Initial readings along the ditch were background to 1 ppm VOCs. Highest reading received were around 65 ppm both in the work zone when the contractors began excavating around the pipeline and when the PID was put near the product discovered in the field.
- Buckeye has identified homes with wells and provided sampling, temporary drinking water to affected residents.

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

The responsible party, Buckeye Pipeline has deployed contractors to address the release. On March 14, 2014, OSC Atkociunas issued Buckeye Pipeline personnel a Notice of Federal Interest, which was signed.

2.1.4 Progress Metrics

<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

2.2.1.1 Planned Response Activities

Ensure the health and safety of responders and the public
Delineate extent of contamination
Monitor the Kankakee River for possible impacts
Excavate impacted soils
Collect impacted water, gasoline and product
Conduct monitoring and sampling, as necessary
Conduct oversight of Buckeye Operations
Document response activities.

2.2.1.2 Next Steps

2.2.2 Issues

Documentation of off-site release of gasoline / product to the North of the Pipeline release point.

2.3 Logistics Section

START is providing monitoring, documentation, and oversight support. Buckeye Pipeline has mobilized vac trucks, excavation equipment, monitoring, and sampling equipment. A Command Post at a local hotel has been established.

2.4 Finance Section

2.4.1 Narrative

An FPN was issued for \$50,000.

2.5 Other Command Staff

2.5.1 Safety Officer

EPA and START are providing health and safety oversight.

2.5.2 Liaison Officer

2.5.3 Information Officer

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

Illinois EPA
Limestone Fire Department
Kankakee County EMA
Kankakee Police Department
United States Coast Guard

4. Personnel On Site

EPA	1	
START		2
Buckeye / Contractors	4	0

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

www.epaossc.org/BuckeyeKankakeeGas

6.2 Reporting Schedule

POLREPS will be issued ongoing.

7. Situational Reference Materials

No information available at this time.