

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
BNSF Galena Derailment - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #14
Progress
BNSF Galena Derailment
E15510
Galena, IL
Latitude: 42.3744730 Longitude: -90.4443060

To:
From: Jaime Brown, OSC
Date: 7/24/2015
Reporting Period: 5/30/2015 - 7/24/2015

1. Introduction

1.1 Background

Site Number:	E15510	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:	3/5/2015	Start Date:	3/5/2015
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E15510	Reimbursable Account #:	Z5PL

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

See POLREP #5

1.1.2.1 Location

See POLREP #5

1.1.2.2 Description of Threat

See POLREP #5

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP #5

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Soil flushing operations continued to remove and recover minimal amounts crude oil from the track ballast, with contaminated water treated in the on-site WTP.

2.1.2 Response Actions to Date

Detailed daily reports of all work activities on Site are provided by BNSF. These daily reports are posted in the 'documents' section of the website.

During this reporting period, the following field activities took place:

- Crude oil continued to be flushed from track ballast and recovered in a collection trench;
- Contact water continued to be collected & treated; and
- WTP effluent continued to be sampled for laboratory analysis to confirm effective operation.

There continues to be no visual or monitoring data evidence to indicate that any spilled product has impacted either the Galena or Mississippi Rivers. There were no injuries at the Site or wildlife impacts reported during the reporting period.

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

2.1.4 Progress Metrics (totals reported by BNSF as of July 20)

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Crude oil (from tankers)	liquid	221,421 gal*	various	refining	Continental Refining Co. Somerset, KY
Crude oil/water mixture	liquid	35,132 gal	various	refining	Continental Refining Co. Somerset, KY
Crude oil (from trench)	liquid	3,295 gal	TBD	refining	Continental Refining Co. Somerset, KY
Contact water	liquid	1,549,350 gal	none	on-site WTP	discharge to Harris Slough
Contaminated soil	solid	4,400 tons	various	disposal	Republic Waste Upper Rock Island Co LF East Moline, IL
Oily debris	solid	20 yd	NA	disposal	Republic Waste Upper Rock Island Co LF
General debris	solid	20 yd	NA	disposal	Republic Waste Upper Rock Island Co LF
Tanker cars	solid	12	NA	salvage	scrap

* Final figure for crude oil transferred to trucks for transport to refinery, which varies from preliminary estimate of crude oil recovered from wrecked tankers by vac truck reported in previous POLREPs (230,242 gal).

2.2 Planning Section**2.2.1 Anticipated Activities**

- Soil flushing operations will continue;
- Treatment of contact water will continue in the on-site WTP; and
- Maintenance, sampling and cleaning operations will continue on the on-site WTP.

2.2.1.1 Planned Response Activities

NA

2.2.1.2 Next Steps

- BNSF will submit a document to US EPA & Illinois EPA providing a detailed estimate of the amount of crude oil released, burned off, evaporated, recovered and disposed of with contaminated sediments for the incident;
- US EPA, Illinois EPA, US ACE and BNSF will meet to discuss next steps at the Site; and
- Planning will begin for implementation of a site restoration plan approved by US ACE.

2.2.2 Issues

None

2.3 Logistics Section

An ICP is located on site.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff**2.5.1 Safety Officer**

Safety briefings are held each day for individual contractor personnel by field supervisors.

2.5.2 Liaison Officer

NA

2.5.3 Information Officer

US EPA, Illinois EPA and other local responders participated in a press event and roundtable discussion sponsored by US Congresswoman Cheri Bustos on June 22.

3. Participating Entities**3.1 Unified Command**

NA

3.2 Cooperating Agencies

See POLREP #5

4. Personnel On Site

CONTRACTORS (ARCADIS, SunPro): 4

TOTAL (estimated): 4

5. Definition of Terms

BNSF	Burlington Northern Santa Fe
FPN	Federal Project Number
gal	gallons
HASP	Health & Safety Plan
ICP	Incident Command Post
NPL	National Priorities List
OPA	Oil Pollution Act
OSC	On Scene Coordinator
POLREP	Pollution Report
PRP	Potentially Responsible Party
START	Superfund Technical Assessment and Response Team
TDD	Technical Direction Document
USACE	United States Army Corps of Engineers
WTP	Water Treatment Plant

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epaosc.org/bnsfgalenaspill>.

<http://www2.epa.gov/il/galena-train-derailment>

6.2 Reporting Schedule

Another POLREP will be issued at the end of August.

7. Situational Reference Materials

No information available at this time.