

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
River Road Abandoned Drums - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #2
Final
River Road Abandoned Drums
C52X
Peru, IN
Latitude: 40.7694000 Longitude: -85.9470393

To:
From: Ramon Mendoza, On-Scene Coordinator
Date: 7/28/2014
Reporting Period: 7/16/2014 to 7/17/2014

1. Introduction

1.1 Background

Site Number:	C52X	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/18/2014	Start Date:	6/18/2014
Demob Date:	7/17/2014	Completion Date:	7/17/2014
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

1.1.2 Site Description

Site consists of four abandoned 55 gallon drums, one of which has leaked onto the ground. Site is located on the north shoulder of River Road (gravel/clay) on the south bank of the Wabash River in a rural/farmland area about 5-6 miles east of the center of Peru, Indiana. IDEM reported the drum contents are toluene 2,4 diisocyanate.

1.1.2.1 Location

The Site is located along River Road about about 200 yards west from a house at 6801 River Road Peru IN. 46970. Approximate GPS location is Latitude: 40.7693999752337 Longitude: -85.9470392910156

1.1.2.2 Description of Threat

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On the afternoon of 6/18/14, at the request of the Indiana Department of Environmental Management (IDEM), a Region 5 OSC with ERRS contractors responded to a spill of approximately 25 gallons from one of four abandoned 55 gallon drums on a road about 200 yards west of 6801 River Road on the south bank of the Wabash River in Peru, Miami County, IN. 46970. The state fire marshall conducted a hazmat ID test which indicated that the drums contained toluene 2,4-diisocyanate. Miami County Emergency Management Agency (EMA) and the local sheriff were on the scene securing the release and the area. The spill was reported to the National Response Center by IDEM on 6/18/2014 at 1317 hours EST. Heavy thunderstorms are predicted and may spread the spilled material. Initial assessment of the drums indicates that it presents an imminent and substantial threat to public health and the environment and may cause a fish kill if the material migrated to the Wabash River.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

EPA OSC and ERRS contractors mobilized to the site on 6/18/2014 at about 1830 hrs EST, overpacked and secured the 4 drums, excavated the contaminated soil and place them into 6 drums (plus one overpack drum of used absorbent boom and personal protective equipment) . The drums were temporarily secured and stored at the EMA office in Peru for transport and disposal at a later date. EPA OSC and ERRS demobed from the site at about 0330 hrs on 6/19/2014. For additional details please read POLREP #1.

EPA OSC mobilized to the EMA Office on July 16 1600 hrs EST to inspect the drums and make sure that they were intact and in good condition for transport. The inspection results confirm that the drums were in good condition and ready for transport. EPA coordinated all activities with support from the Miami County EMA Director.

ERRS contractor and Shipping/Disposal company (EQ) met with the OSC on July 17 at 0900 EST and successfully loaded the drums into the truck which transported all the drums offsite. The final destination is at the EQ Detroit Inc. Disposal facility in Detroit Michigan(Facility in Compliance with CERCLA Off-site Rule). Six of the drums containing soil were previously tested and results were non-hazardous waste. EPA provided the MSD information on the other other drums and EQ determined that they could be disposed off as non-hazardous waste.

Note: According to the manufacturer labels: Three of the drums marked Resin B (white) contained Foam Blowing Agent 1,1-dichloro-1-fluoroethane or HCFC-141 which is a class II ozone depleting substance that is banned for use under the CAA as a foam blowing agent after 2003. The other drum marked Resin A (black) contained methylene diphenyl diisocyanate or Diphenylmethane-4,4'-diisocyanate (MDI), a CERCLA hazardous substance.

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

None at this time.

2.1.4 Progress Metrics

The following has been transported and disposal off-site to EQ Detroit Inc. Disposal facility at 1923 Frederick Detroit, Michigan:

6 drums of contaminated soil and vegetation were recovered and secured in 55 gallon steel drums (non-hazardous waste).

1 poly overpack of debris from the cleanup including haz suits, gloves, and absorbent boom (non hazardous).

3 drums overpacked containing Foam Blowing Agent (part B) 10-20% 1,1-Dichloro-1-fluoroethane (non-hazardous)

1 drums overpacked containing Resin (part A) , 38% Diphenylmethane-4,4'-diisocyanate (MDI) (non-hazardous)

Regional Metrics		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	.25
	Cubic yards of contaminated sediments removed and/or capped	1.7
	Gallons of oil/water recovered	none
	Acres of soil/sediment cleaned up in floodplains and riverbanks	1/16
Stand Alone Assessment	Number of contaminated residential yards cleaned up	None
	Number of workers on site	5
Contaminant(s) of Concern	1,1-Dichloro-1-fluoroethane Diphenylmethane-4,4'diisocyanate	
Oil response Tracking		
Estimated volume	Initial amount released	N/A
	Final amount collected	N/A
CANAPS Info	FPN Ceiling Amount	N/A
	FPN Number	N/A
	Body of Water affected	N/A
Administrative and Logistical Factors (Check X where applicable)		
q Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	q Community challenges or high involvement	q Radiological
q More than one PRP	q Endangered Species Act / Essential Fish Habitat issues	q Explosives

q AOC	q Historic preservation issues	q Residential impacts
q UAO	q NPL site	q Relocation
q DOJ involved	q Remote location	q Drinking water impacted
q Criminal Investigation Division involved	q Extreme weather or abnormal field season	q Environmental justice
q Tribal consultation or coordination or other issues	q Congressional involvement	q High media interest
q Statutory Exemption for \$2 Million	q Statutory Exemption for 1 Year	q Active fire present
q Hazmat Entry Conducted – Level A, B or C	q Incident or Unified Command established	q Actual air release (not threatened)

2.2 Planning Section

2.2.1 Anticipated Activities

Write and oversee approval of post-emergency removal Action Memorandum.

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

See Previous Sections 2.2.1 and 2.2.1.1

2.2.2 Issues

None

2.3 Logistics Section

None

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

EPA OSC and ERRS manager both acted as the safety officers.

2.5.2 Liaison Officer

None

2.5.3 Information Officer

None at this time.

3. Participating Entities

3.1 Unified Command

None

3.2 Cooperating Agencies

Indiana Department of Environmental Quality
Miami County Emergency Management
Local Sheriff

4. Personnel On Site

1 OSC
1 Miami County Emergency Management Director
2 ERRS (Foreman, Truck operator)

Note: All personnel have demobilized from the spill site.

5. Definition of Terms

OSC - On Scene Coordinator
IDEM - Indiana Department of Environmental Quality
EMA - Miami County Emergency Management

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.