

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Hoosier Wood Preservers Time-Critical Removal - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #6**
Final Report
Hoosier Wood Preservers Time-Critical Removal
C57K
Indianapolis, IN
Latitude: 39.7224100 Longitude: -86.2212300

To:
From: Shelly Lam, On-Scene Coordinator
Date: 3/14/2016
Reporting Period: February 22 - March 3, 2016

1. Introduction

1.1 Background

Site Number:	C57K	Contract Number:	EP-S5-09-05
D.O. Number:	168	Action Memo Date:	8/15/2015
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	11/9/2015	Start Date:	11/9/2015
Demob Date:	3/4/2016	Completion Date:	3/4/2016
CERCLIS ID:	INN000505835	RCRIS ID:	IND075982975
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Incident
Category: Manufacturing/Processing/Maintenance - Lumber and wood products/wood preserving/treatment

1.1.2 Site Description

The site is the former Hoosier Wood Preservers. The site is 7.75 acres in size and has ten buildings, including process buildings, storage buildings, a garage, and office.

The facility operated from 1969 to 2013 as a wood treating business that used chromated copper arsenate (CCA) and borate in pressurized wood treatment cylinders. Historically, the facility also used creosote and pentachlorophenol to treat wood. The facility has been abandoned since 2013.

1.1.2.1 Location

Hoosier Wood Preservers is located at 3605 Farnsworth Street in Indianapolis, Marion County, Indiana. Site coordinates are 39.7224100 degrees north latitude and 86.2212300 degrees west longitude. The site is located approximately 3.5 miles southwest of downtown Indianapolis.

The surrounding area is primarily industrial, although commercial properties are located to the south. Residential properties are within 200 feet to the east and northeast.

1.1.2.2 Description of Threat

Arsenic was present in soil, material on the ground, and fire debris at a maximum concentration of 272,000 milligrams per kilogram (mg/kg), above the Environmental Protection Agency's (EPA) industrial Removal Management Level (RML) of 300 mg/kg. Arsenic is a hazardous substance as defined by section 101(14) of CERCLA. Laboratory analytical results confirmed the presence of arsenic at concentrations exceeding relevant regulatory and screening levels. Hazardous substances represented an actual or potential exposure threat to nearby human populations. Possible release mechanisms for arsenic in soil included fugitive dust generation; tracking of contaminated soil, ash, and material on the ground; and dermal contact with contaminated material. Exposure routes included direct contact, ingestion, and inhalation of arsenic particles. Potential human receptors included trespassers, emergency response workers, future site workers, and nearby residents. There was evidence of trespassing at the site. Residential properties are located within 200 feet of the site.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See previous Pollution Reports (PolRep).

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA signed an Action Memorandum on August 8, 2015 to conduct time-critical removal actions.

2.1.2 Response Actions to Date

During the reporting period, EPA:

- Shipped dioxin-contaminated soil from the former Treatment Building to Clean Harbors in Kimball, Nebraska for incineration;
- Shipped non-hazardous treated soils to Twin Bridges landfill in Danville, Indiana;
- Shipped highly-contaminated green solid material and liquid to Petrochem Processing in Detroit, Michigan;
- Placed clean fill at the former Treatment Building excavation;
- Conducted air monitoring for particulates;
- Decontaminated equipment; and
- Demobilized equipment and personnel.

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

EPA identified the current property owner and the former operator of the wood treating business. Information on these parties is in the site file.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Non-hazardous charred wood and debris	Solid	82.54 tons	NA	NA	Southside Landfill, Indianapolis, IN
Scrap metal	Solid	10.65 tons	NA	NA	Recycled at Omni Source, Indianapolis, IN
Hazardous Waste Solid, Concrete (chromium, arsenic)	Solid	245.51 tons	Various	Encapsulation	Envirosafe, Oregon, OH
Hazardous Waste Solid, Concrete (chromium)	Solid	219.76 tons	Various	Encapsulation	Envirosafe, Oregon, OH
Environmentally Hazardous Substances, Soil (Dioxins, Furans)	Solid	523.17 tons	Various	Incinerations	Clean Harbors Environmental Services, Kimball, NE
Non-hazardous soil	Solid	730.23 tons	NA	NA	Twin Bridges Landfill, Danville, IN
Hazardous Waste Solid (Arsenic, Chromium)	Solid	1000 pounds	014137901JJK		Petrochem Processing, Detroit, MI
Hazardous Waste Liquid (Arsenic)	Liquid	350 gallons	014137901JJK		Petrochem Processing, Detroit, MI

Regional Metrics

This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	Not Applicable (NA)
	Cubic yards of contaminated sediments removed and/or capped	NA
	Gallons of oil/water recovered	NA
	Acres of soil/sediment cleaned up in floodplains and riverbanks	NA
Stand Alone Assessment	Number of contaminated residential yards cleaned up	NA
	Number of workers on site	7
Contaminant(s) of Concern	Arsenic, chromium, cadmium	

Oil Response Tracking

On Response Tracking			
Estimated volume		Initial amount released	NA
		Final amount collected	NA
CANAPS Info		FPN Ceiling Amount	NA
		FPN Number	NA
		Body of Water affected	NA
Administrative and Logistical Factors (Place X where applicable)			
	Precedent-Setting HQ Consultations (e.g., fracking, asbestos)	Community challenges or high involvement	Radiological
	More than one PRP	Endangered Species Act / Essential Fish Habitat issues	Explosives
	AOC	Historic preservation issues	Residential impacts
	UAO	NPL site	Relocation
	DOJ involved	Remote location	Drinking water impacted
	Criminal Investigation Division involved	Extreme weather or abnormal field season	X Environmental justice
	Tribal consultation or coordination or other issues	Congressional involvement	High media interest
	Statutory Exemption for \$2 Million	Statutory Exemption for 1 Year	Active fire present
X	Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command established	Actual air release (not threatened)
Green Metrics			
Metric		Amount	Units
Diesel Fuel Used		870.75	gallons
Unleaded Fuel Used		1136.1	gallons
Alternative/E-85 Fuel Used		NA	gallons
Electricity from electric company		2391	kWh
Electric Company Name and Account #		Indianapolis Power & Light 1768374	
Electricity from sources other than the electric company		NA	kWh
Solid waste reused		NA	
Solid waste recycled		NA	
Water Used		NA	gallons

2.2 Planning Section

2.2.1 Anticipated Activities

The following section details anticipated activities.

2.2.1.1 Planned Response Activities

The time-critical removal action has been completed. No additional activities are planned.

2.2.1.2 Next Steps

EPA discussed the site with the Indiana Department of Environmental Management (IDEM) on March 3, 2016. The site has deep soil contamination and potential groundwater contamination that were not addressed by the removal action.

2.2.2 Issues

None.

2.3 Logistics Section

The Emergency and Rapid Response Services (ERRS) contractor provided logistical support.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

On-Scene Coordinator (OSC) Lam was responsible for addressing worker health and safety concerns at a response scene, in accordance with 40 Code of Federal Regulations (CFR) § 300.150. Site personnel worked under a site-specific health and safety plan, and attending daily health and safety briefings.

2.5.2 Liaison Officer

Not applicable (NA)

2.5.3 Information Officer

NA

3. Participating Entities

3.1 Unified Command

NA

3.2 Cooperating Agencies

EPA coordinated activities with IDEM, Marion County Public Health Department, and Wayne Township Fire Department.

4. Personnel On Site

The following personnel were on-site during the reporting period.

Agency	# Personnel
EPA OSC	1
START	1
ERRS	3

5. Definition of Terms

CCA	Chromated copper arsenate
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
ERRS	Emergency and Rapid Response Services
IDEM	Indiana Department of Environmental Management
mg/kg	milligrams per kilogram
NA	Not Applicable
OSC	On-Scene Coordinator
PolRep	Pollution Report
PRP	Potentially Responsible Parties
RML	Removal Management Level
START	Superfund Technical Assessment and Response Team

6. Additional sources of information

6.1 Internet location of additional information/report

For additional information, refer to www.epaosc.org/hwptcr.

6.2 Reporting Schedule

No additional PolReps will be submitted.

7. Situational Reference Materials

NA