

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Intermet/Wagner Castings Site - Removal Polrep  
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** **POLREP #5**  
**Final PolRep**  
**Intermet/Wagner Castings Site**  
**C53X**  
**Decatur, IL**  
**Latitude: 39.8490856 Longitude: -88.9389853**

**To:**  
**From:** Craig Thomas, OSC  
**Date:** 11/15/2016  
**Reporting Period:** 10/31/16 - 11/15/16

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	C53X	<b>Contract Number:</b>	EP-S4-16-03
<b>D.O. Number:</b>	0001	<b>Action Memo Date:</b>	4/20/2016
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	9/6/2016	<b>Start Date:</b>	9/6/2016
<b>Demob Date:</b>	11/11/2016	<b>Completion Date:</b>	11/10/2016
<b>CERCLIS ID:</b>	ILN000505575	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

##### Time Critical Removal Action

#### 1.1.2 Site Description

The Site occupies nine adjacent parcels covering approximately 30 acres, bounded by East Marietta Street to the north, North Jasper Street to the west, and Norfolk Southern rail lines to the south and east. A residential neighborhood is located immediately north of the facility.

See PolRep 1 for additional Site Description information.

##### 1.1.2.1 Location

The Site is located on 9 separate land parcels in Decatur, Macon County, Illinois. The Site's geographical coordinates are 39° 50' 56.7" north latitude and 88° 56' 20.4" west longitude. The Site occupies nine adjacent parcels covering approximately 30 acres, bounded by East Marietta Street to the north, North Jasper Street to the west, and Norfolk Southern rail lines to the south and east. A residential neighborhood is located immediately north of the Site, and some of the homes in that neighborhood are within 100 feet of the Site.

##### 1.1.2.2 Description of Threat

See PolRep 1.

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See PolRep 1.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

On September 6, 2016, U.S. EPA initiated a time-critical removal action at the Site. The removal action was completed on November 10, 2016 and included removal and off-site disposal of hazardous wastes and special wastes. Hazards include PCBs, ACM, mercury, waste oil and other miscellaneous chemical

containers spread throughout the site.

Regional Metrics		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	
	Cubic yards of contaminated sediments removed and/or capped	
	Gallons of oil/water recovered	2,090
	Acres of soil/sediment cleaned up in floodplains and riverbanks	
Stand Alone Assessment	Number of contaminated residential yards cleaned up	
	Number of workers on site	15
Contaminant(s) of Concern	Asbestos, PCBs, Mercury	
Oil response Tracking		
Estimated volume	Initial amount released	
	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)		
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	<input checked="" type="checkbox"/> Environmental justice
Tribal consultation or coordination or other issues	Congressional involvement	High media interest
<input checked="" type="checkbox"/> Statutory Exemption for \$2 Million	Statutory Exemption for 1 Year	Active fire present
<input checked="" type="checkbox"/> Hazmat Entry Conducted – Level A, B or C	Incident or Unified Command	Actual air release (not threatened)

#### Green Metrics

Metric	Amount	Units
Diesel Fuel Used	355	gallons
Unleaded Fuel Used	1291	gallons
Alternative/E-85 Fuel Used (Biodiesel)	1691	gallons
Electricity from Coal	\$0.00	0 kW
Electricity from solar/wind	\$0.00	0 kW
Electricity from grid/mix	\$0.00	0 kW
Solid waste used	N/A	N/A
Solid waste recycled	10	pounds

#### 2.1.2 Response Actions to Date

Week of October 31, 2016 - ERRS loaded one 20-yard roll-off box of asbestos-containing construction debris for future off-Site disposal to 5 Oaks RDF in Taylorville, IL. ERRS decontaminated excavator, water truck and skid steer and demobilized them from the site. ERRS prepped drummed wastes and Gaylord boxes of Mercury waste for shipment.

Thornburgh Abatement continued asbestos abatement of the old office building on Site. They shipped one 40 cubic yard roll-off box of non-regulated debris and one 40 cubic yard box of ACM off to the Bloomington/ADS McLean County Landfill in Bloomington, IL

U.S. EPA OSC Thomas oversaw all removal activities.

Week of November 7, 2016 - ERRS shipped off one 20-yard roll-off box of asbestos-containing construction debris at 5 Oaks RDF in Taylorville, IL. ERRS also shipped off 2,500 pounds of mercury and mercury solids, 280 pounds of hypochlorous acid, 3,000 polymer, 500 pounds of triethanolamine, 200 pounds of phosphoric acid, 200 pounds of sodium hydroxide and 40 pounds of waste oxidizing solid. ERRS also shipped of 50 pounds of cadmium contaminated soils

and debris, and 19,000 pounds of waste oil and water contaminated with low-level PCBs and solvents.

Thornburgh Abatement completed asbestos abatement on the old office building on site. Thornburgh shipped off two 40 cubic yard roll-off boxes of ACM and one 40 cubic yard box of debris to the Bloomington/ADS McLean County Landfill in Bloomington, IL.

U.S. EPA OSC Thomas oversaw all removal activities. EPA, ERRS and Thornburgh Abatement demobilized on Thursday, November 10th. The last of the equipment was demobilized on November 11th.

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

### 2.1.4 Progress Metrics

Through this reporting period, a cumulative total of approximately 4,036 cubic yards of ACM debris has been shipped off-site for disposal. A cumulative total of 120 cubic yards of unregulated debris was sent off-site for disposal. A cumulative total of 12,152 kilograms of PCB-capacitors and 36,240 pounds of non-PCB capacitors were sent off-site for recycling and disposal. A total of 2,500 pounds of mercury and mercury-contaminated debris, 280 pounds of hypochlorous acid, 3,000 pounds of waste polymer, 500 pounds of waste triethanolamine, 200 pounds of phosphoric acid, 200 pounds of sodium hydroxide solution, 40 pounds of waste oxidizing solids, 50 pounds of cadmium-contaminated soil and debris and 19,000 pounds of waste oil and water were shipped off-site for disposal.

Waste Stream	Medium	Quantity	Manifest #	Date	Treatment	Disposal
Friable Asbestos	solid (debris)	20 cubic yards	91346	9/28/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91347	9/28/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91348	9/28/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91349	9/28/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91350	9/28/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91351	9/28/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91352	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91353	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91354	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91355	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91356	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91357	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91358	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91359	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91361	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99807	9/29/16		Five Oaks RDF Taylorville, IL

Friable Asbestos	solid (debris)	20 cubic yards	99808	9/29/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99809	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99810	9/29/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99772	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99773	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99774	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99775	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99811	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99812	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99813	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99814	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99815	9/30/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99766	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99767	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99768	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99769	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99770	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99771	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99776	10/03/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99777	10/03/16		Five Oaks RDF, Taylorville, IL
RQ, UN2315 Polychlorinated Biphenyls, Liquid, 9, PGII	liquid (in capacitors)	7 cw (pallets), 9397 Kilograms	008729591FLE	10/03/16	recycling/ incineration	Environmental Recycling,Bowling Green, OH

Other waste, Non-regulated	solid (non-pcb capacitors)	10 cw (pallets) 21,000 Pounds	008729591FLE(same manifest as above)	10/03/16	recycling	Environmental Recycling, Bowling Green, OH
RQ, UN2315 Polychlorinated Biphenyls, Liquid, 9, PGII	liquid (pcb capacitors in drums)	5 drums 2,756 Kilograms	008729591FLE(same manifest as above)	10/03/16	recycling/ incineration	Environmental Recycling, Bowling Green, OH
Other waste, Non-regulated	Solid (non-pcb capacitors)	1 drum 200 Pounds	008729591FLE (same manifest as above)	10/03/16	recycling	Environmental Recycling, Bowling Green, OH
Friable Asbestos	solid (debris)	20 cubic yards	99778	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99779	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99780	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99781	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99782	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99783	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99784	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99785	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99786	10/04/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99787	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99788	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99789	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99790	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99791	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99792	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99793	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99794	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99795	10/05/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91362	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91363	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91364	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91365	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91366	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91367	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91368	10/06/16		Five Oaks RDF, Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	91369	10/06/16		Five Oaks RDF, Taylorville, IL

[illegible]

[illegible]

[illegible]



Friable Asbestos	solid (debris)	20 cubic yards	99601	10/25/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99602	10/25/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99603	10/25/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99604	10/25/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99605	10/25/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99606	10/25/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99607	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99608	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99609	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99610	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99611	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99612	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99613	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99614	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99615	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99616	10/26/16		Five Oaks RDF Taylorville, IL
Friable Asbestos	solid (debris)	20 cubic yards	99617	10/26/16		Five Oaks RDF Taylorville, IL
non-regulated debris	solid (debris)	40 cubic yards	-----	10/26/16		Bloomington/ADS McLean County Landfill #2, Bloomington, IL
non-regulated debris	solid (debris)	40 cubic yards	-----	11/01/16		Bloomington/ADS McLean County Landfill #2, Bloomington, IL
ACM	solid	40 cubic yards	4367153035a	11/03/16		Bloomington/ADS McLean County Landfill #2, Bloomington, IL
Friable Asbestos	solid (debris)	20 cubic yards	99745	11/08/16		Five Oaks RDF, Taylorville, IL
ACM	solid	40 cubic yards	4367153035b	11/08/16		Bloomington/ADS McLean County Landfill #2, Bloomington, IL
Hazardous Waste (Mercury)	solid	2,400 pounds	014839077JJJ	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
Hazardous Waste, n.o.s., 9, PGIII, ERG#171 (mercury with debris)	solid	100 pounds	014839077JJJ (same manifest as above)	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
UN1479, Waste, Oxidizing solid (Hypochlorous acid)	solid	280 pounds	014839077JJJ (same manifest as above)	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
NA, Non-Hazardous, Non-regulated (polymer)	liquid	3000 pounds	014839078JJJ	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
Non-Hazardous/ Non-Regulated Material (triethanolamine)	liquid	500 pounds	014839078JJJ (same manifest as above)	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
Waste, Corrosive liquids (Phosphoric Acid)	liquid	200 pounds	014839078JJJ (same manifest as above)	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
Waste, Sodium Hydroxide solution	liquid	200 pounds	014839078JJJ (same manifest as above)	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI

Waste, Oxidizing Solid, n.o.s.	solid	40 pounds	014839078JJJ (same manifest as above)	11/08/16		Michigan Disposal Waste Treatment, Belleville, MI
NA3077, Hazardous waste (cadmium contaminated soil and debris)	solid	50 pounds	014839075JJJ	11/09/16		Michigan Disposal Waste Treatment, Belleville, MI
NA3082, Hazardous waste (waste oil & water)	liquid	19,000 pounds	014839076JJJ	11/09/16		EQ Detroit, Inc., Detroit, MI
ACM	solid	40 cubic yards	4367153035c	11/10/16		Bloomington/ADS, McLean County Landfill #2, Bloomington, IL
non-regulated debris	solid	40 cubic yards	-----	11/10/16		Bloomington/ADS, McLean County Landfill #2, Bloomington, IL

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

See Section 2.2.1.1, below. All planned response activities have been completed.

#### 2.2.1.1 Planned Response Activities

Develop and implement a Site-specific Health and Safety Plan, including an Air Monitoring Plan, and a Site Emergency Contingency Plan;

1. Characterize, remove, transport and dispose of all characterized or identified hazardous waste, special wastes and associated debris located at the Site - complete.
2. A structural Engineer assessed the former office building on site and determine it did not need to be demolished to safely conduct asbestos abatement. A licensed abatement contractor has been retained to conduct this work. - complete.
3. Dispose of or recycle non-hazardous waste, as appropriate - complete.
4. Decontaminate floors of Site buildings, as needed - complete.
5. Remove capacitors from current storage area. - complete.

#### 2.2.1.2 Next Steps

1. Demobilize crew and equipment - complete

### 2.2.2 Issues

POLREP 4 incorrectly indicated the estimated volume of asbestos containing material shipped was 4,376 cubic yards. This appears to be due the double-counting of one week's disposal total. The correct estimated volume should be 3,926 cubic yards. POLREP 4 has been corrected to reflect this..

## 2.3 Logistics Section

No information available at this time.

## 2.4 Finance Section

No information available at this time.

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

OSC Thomas

### 2.5.2 Liaison Officer

### 2.5.3 Information Officer

## 3. Participating Entities

### 3.1 Unified Command

### 3.2 Cooperating Agencies

Illinois EPA

Decatur Fire Department

City of Decatur

#### **4. Personnel On Site**

EPA = 1

ERRS = 1

ERRS Asbestos Abatement Subcontractor = 5

START = 0

Total personnel on site during this reporting period = 7

#### **5. Definition of Terms**

ACM: Asbestos Containing Material

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

CFR: Code of Federal Regulations

ERRS: Emergency and Rapid Response Services contractor

Illinois EPA: Illinois Environmental Protection Agency

NCP: National Contingency Plan

OSC: On-Scene Coordinator

PCB: Polychlorinated Biphenyl

POLREP: Pollution Report

START: Superfund Technical Assessment and Response Team contractor

US EPA: United States Environmental Protection Agency

#### **6. Additional sources of information**

##### **6.1 Internet location of additional information/report**

The public website for the Internet/Wagner Castings site can be found at:

[www.epa.gov/superfund/intermet-wagner-castings](http://www.epa.gov/superfund/intermet-wagner-castings)

##### **6.2 Reporting Schedule**

This is the final PolRep.

#### **7. Situational Reference Materials**

No information available at this time.