

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
MCLOUTH STEEL - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #19
MCLOUTH STEEL
A557_01
Trenton, MI
Latitude: 42.1699480 Longitude: -83.1696370

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Kevin Rambosk, Staff Congresswoman Dingell
Stephanie Chang, Michigan State Senator
Cara Clemente, Michigan State Representative
Darin Camilleri, Michigan State Representative
USCG PolRep Distribution, USCG

From: Brian Kelly, OSC
Date: 10/7/2020

Reporting Period:

1. Introduction

1.1 Background

Site Number:	A557_01	Contract Number:	
D.O. Number:		Action Memo Date:	6/5/2018
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	NPL	Operable Unit:	
Mobilization Date:		Start Date:	1/2/2019
Demob Date:		Completion Date:	
CERCLIS ID:	MID017422304	RCRIS ID:	
ERNS No.:		State Notification:	YES
FPN#:		Reimbursable Account #:	

Incident Category

Privately Funded CERCLA Cleanup

Site Description and Location

See previous situation reports for background.

More information about the McLouth cleanup can be found at www.epa.gov/superfund/mclouth-steel

2. Current Activities

2.1 Operations Section

Community Involvement

The Community Advisory Group (CAG) met on September 10, 2020. The next meeting will be schedule for January 2021.

Disposal and/or Reuse

Type of Waste	Monthly Total	Cumulative
Friable ACM:	0 Yards (0 Truck Load)	2,540 Yards (70 Truck Loads)
Galbestos Siding:	29.43 Tons	3,988.71 Tons
Const. & Demo Debris:	356.11 Tons	21,340.71 Tons
PCB Transformers:	0 Tons (0 Transformers)	466.8 Tons (85 Transformers)
Liquid Waste:	333.0 Gallons	2,835,642 Gallons
Freon/Refrigerant Units:	Waste Removal Complete	70 units drained, recycled
K061 Liquid Waste	Waste Removal Complete	32,956 gallons
K061 Hazardous Waste:	Waste Removal Complete	8 Vac/roll-off Boxes
K062 Liquid Waste:	Waste Removal Complete	101,539 Gallons
K062 Solid Waste:	Waste Removal Complete	50 Cubic Yards
Non-Haz Solids	814.25 Yards	2,619.37 Yards

Work Progress Update

- Area 4A – SMR –Final Cleaning of the floor and filling holes
- Area 4A – SMRB – Removal of liquids through treatment system from South Motor Room Basement
- Area 4C – Welded of lug on to stack in preparation for demolition
- Area 10 – Concrete preparation for disposal
- Area 14 – River Pump House – Completed removal of electrical and mechanical equipment – 100%
- Area 14 – River Pump House – Approx. 1.5 teaspoons Hg in River Pump House, conduct cleanup and disposal
- Area 14 – WMU-15 – Completion of demolition of Blue Clarifier – 100 %
- Equipment Maintenance
- Removal of railroad ties offsite for disposal
- Scrap off-site for salvage
- Torch cutting of remnant molten steel
- Sitewide Housekeeping

ANALYTICAL DATA RECEIVED

Air Monitoring –

- One workday per work week perimeter dust monitoring was performed on August 4, 10, 18, and 26, 2020
- Real-Time Dust Monitoring was conducted August 1 – August 31, 2020 (Mon. – Fri.)
- One workday per work week Manganese (Mn) Sampling was conducted on August 4, 10, 18, and 26, 2020

Waste Characterization Analyses

N/A

Other Activities

On August 21, 2020, residents noticed smoke from torch cutting coming from the site. An EGLE inspector visited the site and concluded the torch cutting did not constitute a nuisance. The Air Pollution Control Rules allow: "Portable torch cutting equipment that does not cause a nuisance or adversely impact surrounding areas and is used for either of the following: (i) Activities performed on a non-production basis, such as maintenance, repair, and dismantling. EGLE has sent MSC a letter asking them to demonstrate they meet the exemption, which limits hazardous air pollutants (HAP) to 10 tons per year for any individual HAP nor 25 tons per year of HAPs in the aggregate. Torch cutting is expected to continue for 4-5 weeks.

Under the Wayne County Purchase Agreement, MSC is seeking an extension from Wayne County of the 24-month completion date for Phase I activities (abatement and demolition).

2.2 Planning Section

Planned Work

- Area 1 – Demolition of Bessemer Furnace
- Area 4A – SMRB – Continue procession liquids from SMRB
- Area 4C – Demolition of Penthouse Section of Mill Building
- Torch cutting remnant steel
- Removal of railroad ties off site for disposal
- Dirt and debris cleanup at north end along W. Jefferson
- Equipment Maintenance

Issues

None

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

No information available at this time.

3. Participating Entities

No information available at this time.

4. Personnel On Site

No information available at this time.

5. Definition of Terms

ACM - Asbestos Containing Material

ATSDR -Agency for Toxic Substances and Disease Registry

CACO - State of Michigan Corrective Action Consent Order
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act, known also as Superfund
CIP - Community Involvement Plan
EGLE - Environment, Great Lakes & Energy - State of Michigan
K061 - Listed Waste: emission control dust
K062 - Listed Waste: spent pickle liquor
mg/m3 - Milligram per cubic meter
MRL - Minimum Risk Level
NAAQS - National Ambient Air Quality Standards
NPL - National Priorities List
PCBs - Polychlorinated biphenyls (a group of manmade chemicals)
PM2.5 - Particulate matter 2.5 micrometers or less in diameter
PM10 - Particulate matter 10 micrometers or less in diameter
POLREP - Pollution Report
SitRep - Situation Report
TPM - Total Particulate Matter
ug/m3 - Micrograms per cubic meter
WMU - Waste Management Unit

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.