

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #20
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: 11/9/2020

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 scheduled for January 2021. On October 26, 2020, Congresswoman Debbie Dingell held an environmental townhall, which included discussion of the McLouth Site.

Disposal and/or Reuse

Type of Waste	Monthly Total	Cumulative
Friable ACM:	30 Yards (1 Truck Load)	2,570 Yards (71 Truck Loads)
Galbestos Siding:	80.2 Tons	4,068.91 Tons
Const. & Demo Debris:	102.8 Tons	21,443.51 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
TSCA Solid Waste	935.18 tons	935.18 tons

Work Progress Update

- Area 1 – Demolition of Bessemer Furnace complete – 100%
- Area 4A – SMRB – Pumping liquids from SMRB complete, maintaining liquid levels for safe entry
- Area 13 – AOC 35 (De-kishing Pit) – backfilling to grade
- Torch cutting on ingots across site

ANALYTICAL DATA RECEIVED

- Air Monitoring –
 - o One workday per work week perimeter dust monitoring was performed on September 3, 11, 17, 23 and 29, 2020
 - o Real-Time Dust Monitoring was conducted September 1 – September 30, 2020 (Mon. – Fri.)
 - o One workday per work week Manganese (Mn) Sampling was conducted on September 3, 11, 17, 23 and 29, 2020

Waste Characterization Analyses

N/A

Other Activities

None

2.2 Planning Section

Planned Work

- Demolition work under the County Purchase Agreement is complete.
- Work under the settlement agreement will be completed next spring when subsurfaces are filled with millings and a final report submitted.
- Torch cutting of slag remnants known as skulls (outside either agreement) is being overseen by EGLE. The work is paused while EGLE reviews MSC's documentation of meeting the permit exemption. Information submitted to the state says, two and a half skulls have been processed and removed for recycling, and three and a half skulls remain on the property. The weight of each skull is approximately 241,220 pounds.

They are composed of

Fe 95.36 %
Si 1.61 %
Co 0.97 %
Mn 0.71 %
S 0.69 %
Zn 0.44 %
Ti 0.15 %
Zr 0.045 %

Situation reports will change from monthly to quarterly starting in January 2021.

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)
PM_{2.5} - 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.