

**MONTHLY PROGRESS REPORT 8 – May 2019**

TO: Brian Kelly, U.S. EPA; Dave Kline, EGLE      DATE: June 14, 2019

FROM: Tim Francis, Project Manager, ASTI Environmental

C.C.: Steven Kaiser, U.S. EPA, Rich Conforti, EGLE, Dennis Schreibeis, MSC Land Company, LLC, Todd Goss, MSC Land Company, LLC, Tom Wackerman, ASTI Environmental

RE: **Progress Report  
(Pursuant to Section VIII, Para. 37 of CERCLA Docket No. V-W-18 C-012  
McLouth Steel Facility Trenton, MI)**

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**1. ACTIONS PERFORMED**

- Area 2 – Building cleaning in preparation for demolition complete – 100%
- Area 4A – Abatement of overhead piping above pickle line complete – 80%
- Area 4A – Shearing steel and loading for salvage
- Area 4A – Galbestos removal at southeast corner complete – 100%
- Area 4A – #3 Finishing and Shipping area – asbestos abatement complete – 100%
- Area 4B – Removal of pickle liquor from Pickle Line vats – 27,750 gallons
- Area 4B - Neutralized interior of Pickle Line vats in preparation for demolition
- Area 4B – Pickle Line process piping and mixing tanks emptied, neutralized, and removed off site for disposal
- Area 4B – Jet piping from Pickle Line to the Acid Neutralization Plant complete – 100%
- Area 4C – Staging and distributing millings on floor for dust control and housekeeping
- Area 4C – Removal piping from eastside exterior of Mill Building complete – 100%
- Area 4C – Cinder block building demolition complete – 100%
- Area 4C – Abatement of interior fuel oil piping complete – 100%
- Area 4C – Concrete crushing and scrap steel load out
- Area 4C – Cleaning of interior overhead fuel oil piping complete – 100%
- Area 4C – B35 (Heater Equipment Pit) – Removed 29,762 gallons of liquids
- Area 5 – Demolition of Washhouse and Laboratory building – 100%
- Area 6 – Machine Shop demolition complete – 100%
- Area 7 – Cooling Tower abatement of transite complete – 100%
- Area 7 – Cooling Tower secondary containment demolition and debris clean-up complete – 100%

- Area 9 – Crushing concrete to remove rebar in preparation of sampling
- Area 11 – AOC 63 –removed oily water and cleaned 2 ASTs - 14,770 gallons
- Area 11 – AOC 63 Cleaning and demolition of concrete secondary containment complete – 100%
- Area 12 – Abatement of roofing tar complete – 100%
- Area 13 – Area preparation for stove demolition began – 5%
- Area 14 – WMU 11 – Former CWWTP Acid Dosing Tanks- Emptied of liquid and cleaned AST – 3,000 gallons
- Area 17 – Galbestos removal, building demolition, and debris cleanup – 85%
- Area 17 – WMU 23 (BOF Gas Sludge Pit) – Trench cleaning began – 50%
- Area 20 – PACM floor tile abatement complete – 100%
- Area 20 – Remove spent pickle liquor from 5 ASTs – 11,160 gallons
- Area 20 – Demolition of 5 ASTs complete – 100%
- Area 20 – Secondary containment cleaning completed – 100%
- Area 22 – WMU 2 (Oil Processing Tank) Oily water and sludge removed, interior of AST cleaned in preparation for demolition complete - 5,945 gallons
- Replaced storm water catch basin filters
- Transformer 59 – South Motor Room shipped off-site for disposal

## **2. ANALYTICAL DATA RECEIVED**

- Air Monitoring –
  - Perimeter Dust monitoring was performed on a one work-day per work week period from May 1 – May 29<sup>th</sup>
  - Perimeter Dust Monitoring exceeded the NAAQS standard on May 29<sup>th</sup>
    - Perimeter Dust Monitoring was for five-work days per work week for 2 weeks began May 30<sup>th</sup> – May 31<sup>st</sup>
  - Beginning May 30<sup>th</sup> the frequency of the following engineering controls were increased:
    - The frequency of work site road wetting was increased to reduce airborne particulate matter; and
    - Potential dust generating materials were sprayed with water during demolition activities
  - Additional information and specific details will be provided in a separate report on July 1, 2019
  - Real-Time Dust Monitoring was conducted May 1 – May 31, Mon. – Fri.
    - Exceedances were addressed immediately by deploying engineering controls and re-monitoring to ensure the controls were mitigating any exceedance
      - Common control measures utilized:
        - Reduction of work speed to reduce the quantity of dust produced over time
        - Applying water to the surface of the dust generating material, such as concrete, during pillar demolition

- Manganese Sampling occurred on May 1<sup>st</sup>, 7<sup>th</sup>, 13<sup>th</sup>, 21<sup>st</sup>, and 29<sup>th</sup>
  - Sampling analyses for these days revealed **no exceedance** of the ATSDR MRL action level
- Waste Characterization Analyses
  - REC 2-27(A-8) – (Continuous Casting Basement and Tunnels)
  - AOC 60A (South Motor Room)
  - AOC-39( Locomotive Repair Shop)
  - B-11 (Rolling Mill Pit #3)
  - B-25 (Motor Room Pit #2)
  - B30 (North Motor Room Basement)
  - B32 (North Motor Room Pit)
  - B-34 (Turntable Equipment Pit)
  - B-39 (Reheat Furnace Pit 2)
  - REC 4-2 (Subsurface Storage Vaults)
  - WMU-1 –(Sedimentation Basin)
  - WMU-15 (Waste Water Treatment Plant)
  - WMU-23 (Former BOF Gas Cleaning Sludge Pit)
  - WMU-42 (Concast Scale Pit)
  - WMU-43 (Concast Grit Basin)
  - WMU-49 (Downcoiler Sump)
  - WMU-51(Six Stand Basement Sumps)
  - WMU-52 (Finish Stand Scale Pit)
  - WMU-53 (Roughing Mill Scale Pit)
  - WMU-55 (Blooming Mill Scale Pit)
  - WMU-56 (Reheat Sump)
  - WMU-57 (Heater Area Drains Sump)

**3. SCHEDULE FOR COMING MONTH**

- Area 4A – Asbestos abatement of pipe insulation
- Area 4B – B6 pit cleaning and backfill
- Area 4B – B7 – B10 pit cleaning to be complete
- Area 4C – Galbestos abatement begins
- Area 6 – Wash House #3 demolition to be completed
- Area 12 – Demolition of brick building scheduled for completion
- Area 13 – Preparation of area in preparation for abatement and demolition
- Area 16 – Lime Storage Bin demolition to be completed
- 2 loads of transformers scheduled to be shipped off-site for demolition
- Sampling in various locations will continue

**4. ANTICIPATED PROBLEMS**

- None identified during this reporting period

**5. PLANNED RESOLUTION TO EXISTING/ANTICIPATED PROBLEMS**

- None identified during this reporting period

**6. OBSERVATIONS**

- Tammy Bell, Jeremy Brown, and Karen Mills from EGLE were on site on 5/16 to perform a general inspection; this action was not prompted by a complaint.
- DTE on site with Ground Penetrating Radar (GPR) to find a leak in a 14” HDPE pipeline that run North-South in an easement on the MSC property, parallel to W. Jefferson.

**7. DEVIATION FROM WORK PLAN**

- None at this time

Please let me know if you have any questions related to this report.

Thank you,

*Timothy A. Francis*

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Project Manager

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