

MONTHLY PROGRESS REPORT 7 – April 2019

TO: Brian Kelly, U.S. EPA; Dave Kline, EGLE DATE: May 15, 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)**

1. ACTIONS PERFORMED

- a) Area 4A – No.3 Finishing and Shipping area galbestos and demolition of building complete – 100%
- b) Area 4A – Removal of 3 overhead cranes – 100%
- c) Area 4A – Shearing steel and loading for salvage
- d) Area 4A – No. 3 Finishing and Shipping area –ACM abatement complete – 100%
- e) Area 4A – Transformer dismantling in preparation for shipping
- f) Area 4A – B21 (Switch Gear Basement) pump out of 112,365 gallons of oil and water, taken off-site for disposal
- g) Area 4B – B7-B10 machinery over pits removed and scrapped
- h) Area 4B – B7-B10 Oil pits pressure washing began
- i) Area 4B – Removed 37,585 gallons of pickle liquor from Pickle Line vats and neutralize interior in preparation for demolition
- j) Area 4B – Vacuum liquids from Pickle Liquor distribution piping
- k) Area 4C – Staging and distributing millings on floor as dust control and housekeeping
- l) Area 4C – Abate glove-bagged piping from eastside exterior of Mill Building
- m) Area 4C – Break concrete in B35 began
- n) Area 4C – Weld Shop – removal of non-PCB capacitors complete
- o) Area 4C – B35 (Heater Equipment Pit) 17,133 gallons of liquid taken off-site for disposal
- p) Area 5 – Universal waste cleanup completed
- q) Area 5 – Demolition of Laboratory building – 60%
- r) Area 6 – Machine Shop remove overhead crane and shear for salvage complete
- s) Area 6 – Machine Shop demolition complete
- t) Area 6 – REC 2-24 Machine Shop Sumps 500 gallons of liquid removed and sumps backfilled

- u) Area 7 – WMU 44 (Fuel Oil Storage Tank) Removed 183,400 gallons of liquid and shipped off-site for disposal
- v) Area 7 – WMU 44 (Fuel Oil Tank) vacuuming sludge into boxes for off-site disposal
- w) Area 7 – Cooling Tower abatement of transite and demolition complete – 100%, debris cleanup required
- x) Area 7 – Galbestos abatement and outbuilding demolition complete – 100%
- y) Area 8 – Sinter Block Building demolition complete
- z) Area 8 – Bag House demolition complete – 100%
- aa) Area 9 – Pipe rack abatement and demolition complete – 100%
- bb) Area 9 – Crushing concrete and removing rebar for sampling
- cc) Area 10 – Crush concrete and remove re-bar, stockpile inert material
- dd) Area 11 – Removed 43,742 gallons of oil and water from 2 ASTs
- ee) Area 11 – Asbestos abatement, cleaning, and removal of fuel tanks in preparation for demolition complete
- ff) Area 11 – Demolition of 2 ASTs continues
- gg) Area 11- AOC 63 clean secondary containment complete – 100%
- hh) Area 12 – Brick building demolition began – 60%
- ii) Area 13 – Preparation of area around stoves
- jj) Area 14 – Grubbing trees and mowing
- kk) Area 15 – Grubbing trees and mowing
- ll) Area 16 – Crushing concrete to remove rebar in preparation for sampling
- mm) Area 17 – Galbestos abatement, building demolition, and debris cleanup – 100%
- nn) Area 17 – Sinter Block building demolition – 100%
- oo) Area 18 – Railroad Transfer demolition debris cleanup complete – 100%
- pp) Area 20 – Demolition of 5 Pickle Liquor tanks inside secondary containment complete – 100%
- qq) Area 20 – Labor Building historic mercury release remediation complete – 100%
- rr) Area 20 – Labor Building demolition complete – 100%
- ss) Area 22– Building A, B, and C demolition complete – 100%
- tt) Area 22 – WMU 2 removed 5,945 gallons of oil from AST and taken off-site for disposal
- uu) Area 22 – WMU 2 clean AST in preparation for demolition complete
- vv) Refrigerant removed from 8 air conditioners and taken off-site for recycling
- ww) ITC placed anchors, guy wires, and removed high tension lines from the Mill Building
- xx) Air Monitoring and Asbestos Sampling Summary reports provided to EPA and EGLE on May 1
- yy) Step-down and Large Transformers scheduled for shipping

2. ANALYTICAL DATA RECEIVED

- Air Monitoring –
 - Perimeter Dust Monitoring was conducted from April 1 – April 18 on a five-work days per work week for a two-week period
 - April 24 monitoring was performed on a one work-day per work week period
 - Additional information and specific details will be provided regarding above monitoring in a separate report on June 1, 2019
 - Real-Time Dust Monitoring was conducted April 1 – 30, Mon. – Fri.
 - Exceedance of PM-10 was detected on April 11th in Area 4C
 - The exceedance was addressed immediately by deploying an engineering control and re-monitoring to ensure the control mitigated the exceedance
 - Common control measure utilized:
 - Applying water to the surface of the dust generating material, such as concrete, during pillar demolition
 - Manganese Sampling occurred on April 2nd, 10th, 18th, and 24th
 - Sampling analyses for these days revealed **no exceedance** of the ATSDR MRL action level
- Waste Characterization Analyses
 - WMU 1 (Sedimentation Basin)
 - WMU 2 (Oil Processing Tank)
 - WMU 23 (BOF Gas Cleaning Pit)
 - WMU 30 – (North Motor Room Basement)
 - WMU 32 – (North Motor Room Equipment Pit)
 - WMU 42 – (Concast Scale Pit)
 - WMU 44 – (Fuel Oil Storage Tank)
 - WMU 57 – (Heater Area Drains Sump)
 - AOC 60b – (South Motor Room Basement)
 - B6 – (Pickle Pit 1 and Tunnel)
 - B28 – (Coil Transfer Pits and Tunnels 2)
 - REC 2-8 – (Coil Transfer Pits and Tunnels)
 - REC 2-27(A8) – (Continuous Casting Basement and Tunnels)

3. SCHEDULE FOR COMING MONTH

- a) Area 4A – Asbestos abatement of pipe insulation
- b) Area 4B – B6 pit cleaning and backfill
- c) Area 4B – B7 – B10 pit cleaning to be complete
- d) Area 4B – Jet piping from Pickle Line to the Acid Neutralization Plant scheduled
- e) Area 4C – Pipe rack ACM abatement to be completed
- f) Area 4C – Galbestos abatement begins
- g) Area 5 – Galbestos abatement and building demolition to be completed
- h) Area 6 – Wash House #3 demolition to be completed
- i) Area 7 – Cooling Tower demolition debris cleanup
- j) Area 9 – Concrete pillar demolition to be completed

- k) Area 11 – Demolition of 2 ASTs to be completed
- l) Area 12 – Demolition of brick building scheduled for completion
- m) Area 13 – Preparation of area for scaffolding
- n) Area 16 – Lime Storage Bin demolition to be completed
- o) Transformers scheduled to be shipped off-site for demolition
- p) Static water level measuring scheduled
- q) Sampling in various locations

4. **ANTICIPATED PROBLEMS**

- a) None identified during this reporting period

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

- a) None identified during this reporting period

6. **OBSERVATIONS**

- a) On April 25, 2019 EPA CID was on-site to sample asbestos in Area 4C and pull samples from drums
- b) Rep. Dingell and other VIPs were on site on April 24th for tour and progress update
- c) Courtesy MIOSHA Health and Safety audit completed on April 9th
- d) Weekly progress update meeting, each Monday with Brian Kelly, EPA OSC

7. **DEVIATION FROM WORK PLAN**

- a) None at this time

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

Thank you,

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