

On-Site CMI Update

Former DuPont Waynesboro Plant

April 24, 2020



Corrective Measures Implementation (CMI)

- Active Remediation
 - SWMU 1: Source Excavation, Asphalt Cap
 - SWMU 4: Source Excavation, Geosynthetic Cap
 - SWMU 7: Geotextile, Compacted Aggregate Cap
 - AOC 3 (Sewer): Cleaning, abandonment, re-lining
- Long Term Monitoring – Groundwater, Outfalls
- Institutional Controls



Interim Measures

Objective: Remove or Isolate Sources of Mercury to Outfall System



2018-2020 Final Remediation

SWMU 7 – Former Waste Pond
January 2018



- No Soil Source Area
- Groundwater Impacted
- Installed 5,000 sf cap constructed of geotextile overlain with dense graded aggregate

2018-2020 Final Remediation

SWMU 1 – Former Mercury Area
September 2019 – February 2020



- Excavation and off-site disposal of free mercury impacted soils from 10 excavation areas
- 7 loads of free mercury containing soils were transported off-site for disposal
- 41 loads (891 tons) of nonhazardous soils and debris were managed for off-site disposal.
- After source area removals, a 38,000 square foot protective asphalt and concrete cap was installed.



2018-2020 Final Remediation

SWMU 4 – Former Disposal Area
September 2019 – February 2020

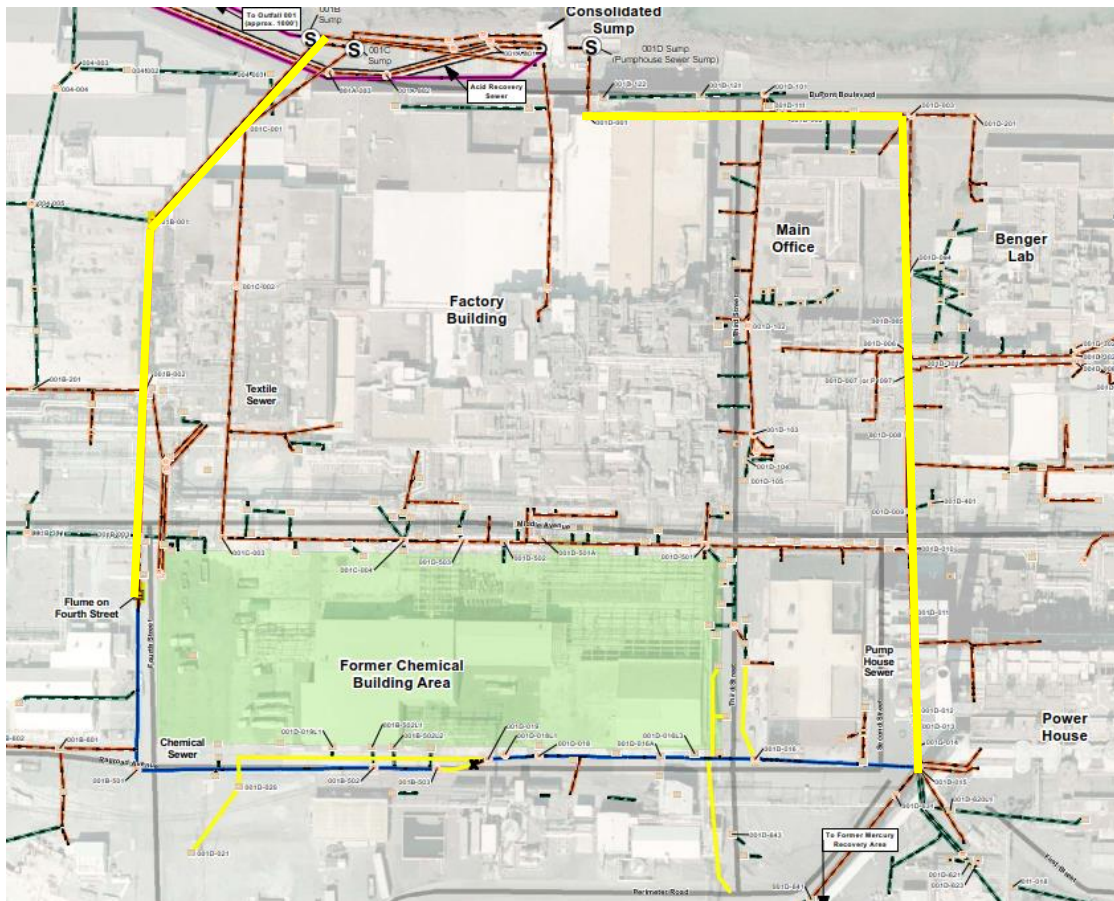


- Excavation of impacted soils to a depth of 20 feet
- Re-grade and contour surface
- Construction of a 2-acre engineered cap system
- Remove and Relocate 520 feet of water line
- Install new perimeter road and concrete apron for compactor



2018-2020 Final Remediation

AOC 3 – Sewer Cleaning Scheduled for Late 2020



- Cleaning of Sewer Lines Downstream of Source Areas
- Bypass Flows up to 1,000 gpm
- Jet Cleaning, CCTV Inspection
- Bypass Filtration for Mercury
- Water and Sediment Disposal

Next Steps

- AOC 3 – Sewer Cleaning
 - Fall 2020
- Final Reporting
- Certificate of Closure
- RCRA Permit Revision/Closure

Thank You

