



Department of
Environmental
Conservation

1001 East Delavan – 250 Colorado Brownfield Cleanup Program (BCP) and State Superfund Program (SSF) Progress Update

Division of Environmental Remediation

September 2021

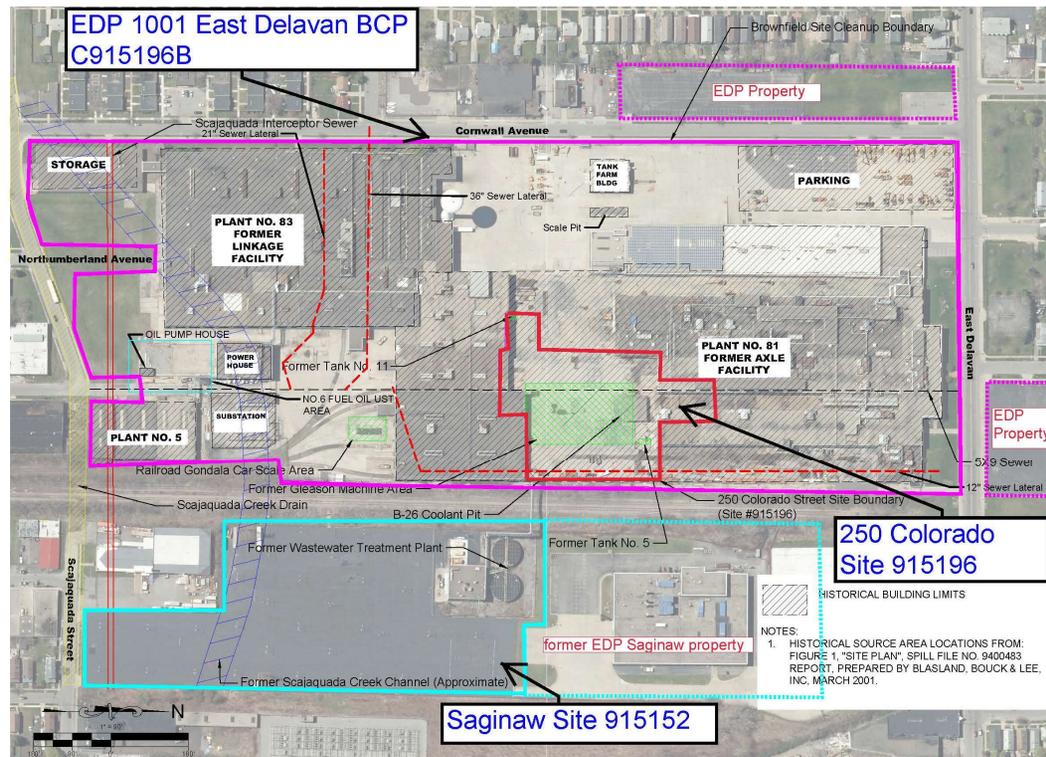
DEC Presentation Topics

- SSF – BCP Site Boundaries
- Actions and Measures at the SSF Site
- SSF Remedial Measure Progress
- Future Tasks and Activities
- Photo Summary
- Questions

1001 East Delavan – 250 Colorado St. SSF and BCP Site Summary

- 1001 East Delavan St. BCP site and 250 Colorado St. SSF site are portions of the former General Motors/American Axle Plant.
- BCP site covers 32.88 acres and SSF site covers 2.65 acres.
- The Old GM B-26 pit oil collection system is located on the SSF site. The DEC installed oil collection system is also on the SSF site.

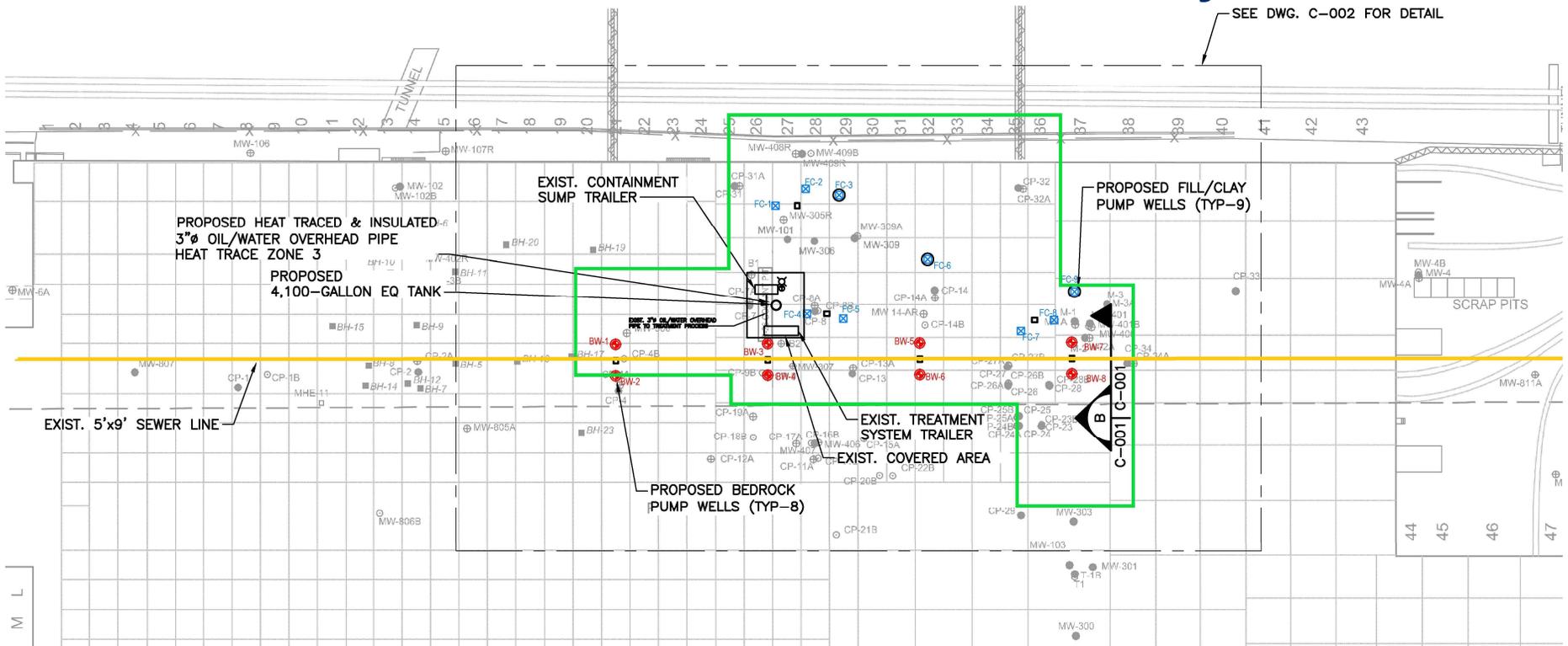
Former GM/American Axle Plant Site Remediation Areas



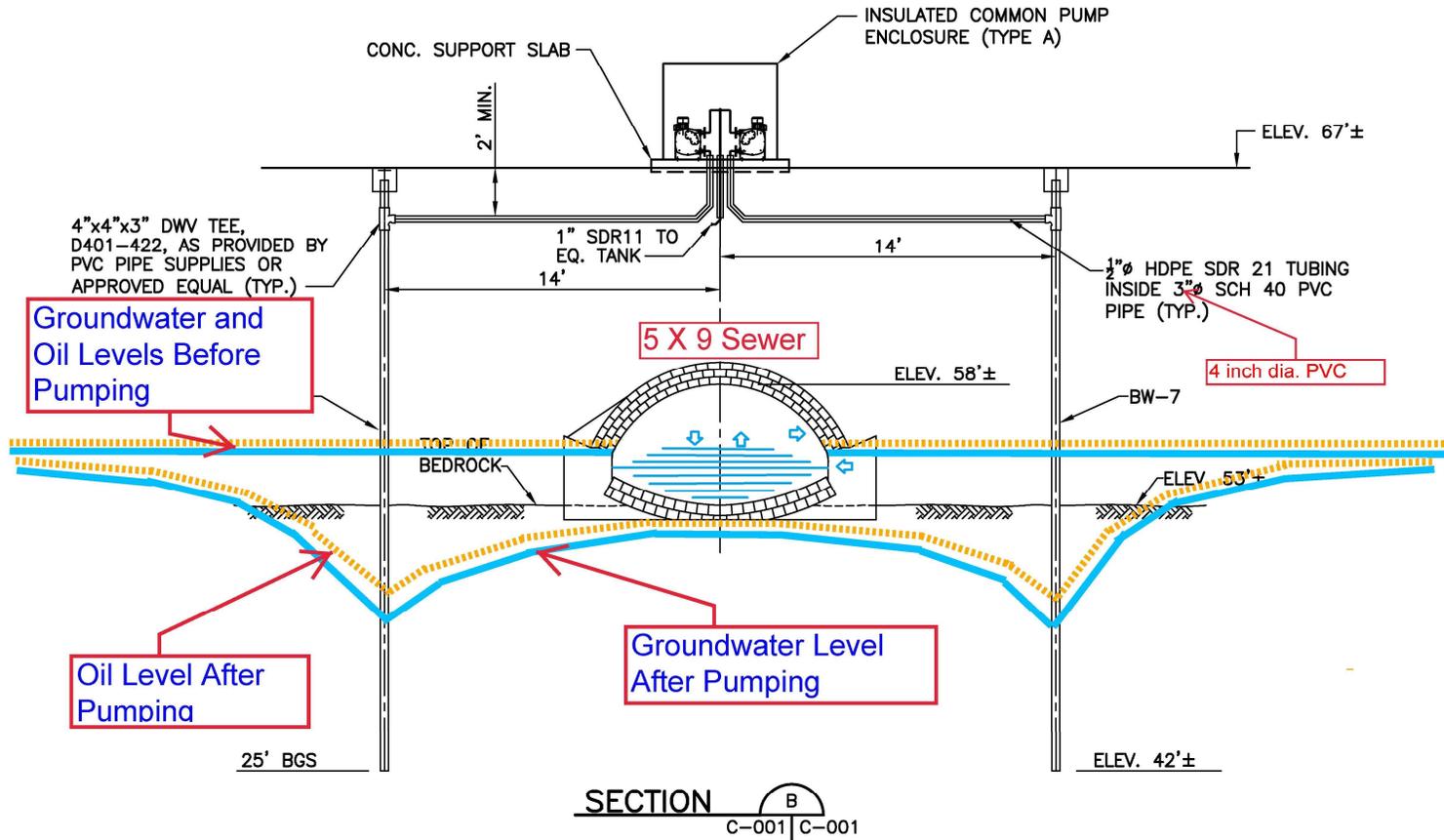
250 Colorado St. Site Remediation Measures

- DEC evaluated groundwater conditions and developed a groundwater containment and oil recovery system. Completed by a DEC contracted engineer.
- GW containment and oil recovery system installation completed in Spring 2019.
- The groundwater system consists of 2 pump extraction systems;
 - ✓ shallow soil system to collect pools of oil in the former Gleason Machine Area, 9 individual wells in fill/clay.
 - ✓ bedrock system to draw groundwater and oil away from the “5x9” sewer, 4 well pairs on each side of the sewer to enhance drawdown below the sewer pipe.
- Extracted groundwater/oil is treated by B-26 pit treatment system owned by EDP. Treated water is discharged to the sewer under an industrial discharge permit by BSA. Collected oil is containerized for proper off-site treatment/disposal.

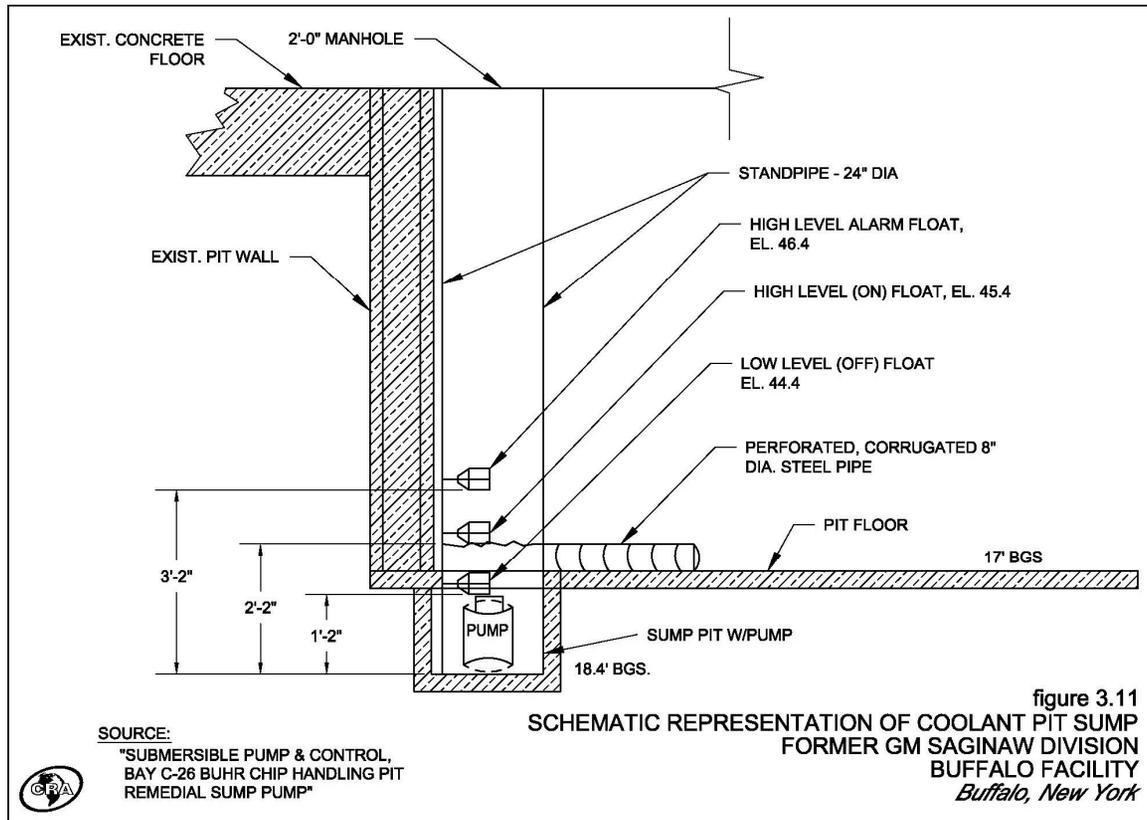
250 Colorado ST. Site Groundwater Extraction System Wells



250 Colorado St. Oil Control Near Sewer



B-26 Pit Collection System



12635-03(009)GN-NF044 APR 18/2005



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250 Colorado St. Site Remediation Progress

- To date: 1.24M gallons of water treated through the system, ~260 gallons of oil collected. EDP system has processed 3.7M gallons of water.
- Ongoing system operation and maintenance.
- Some shallow pumps were overhauled, and all shallow pumps were retrofitted with an additional pump control feature.
- Bedrock pumps continue to operate with routine maintenance and each pump will be retrofitted with the additional pump control feature.
- A pump electrical system upgrade will be implemented 4Q 2021 to integrate the additional pump control features and optimize pump maintenance.

BCP and SSF – Future Tasks and Activities

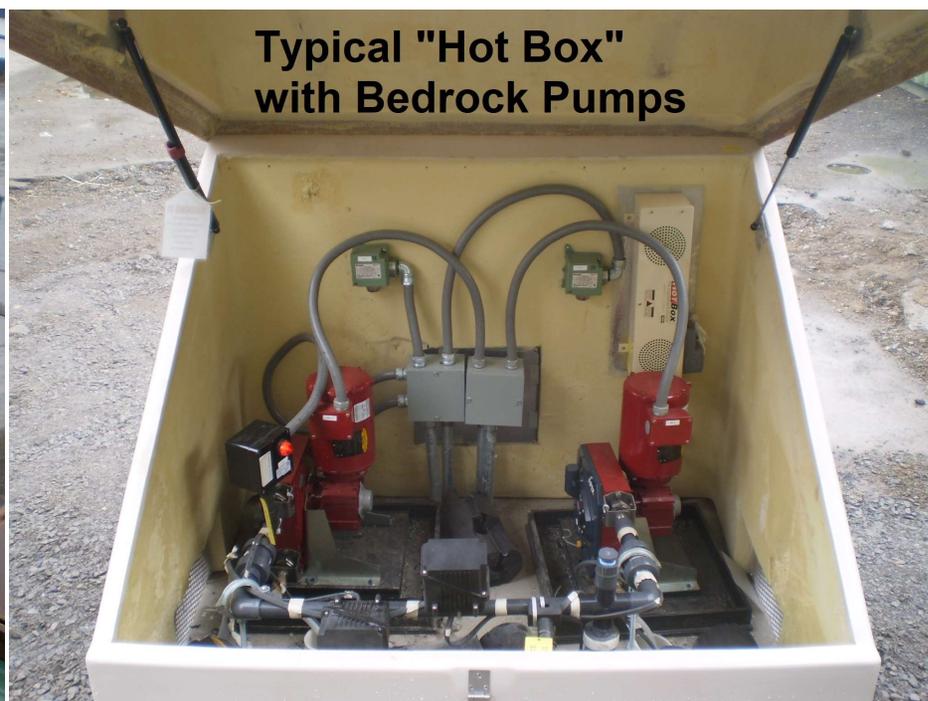
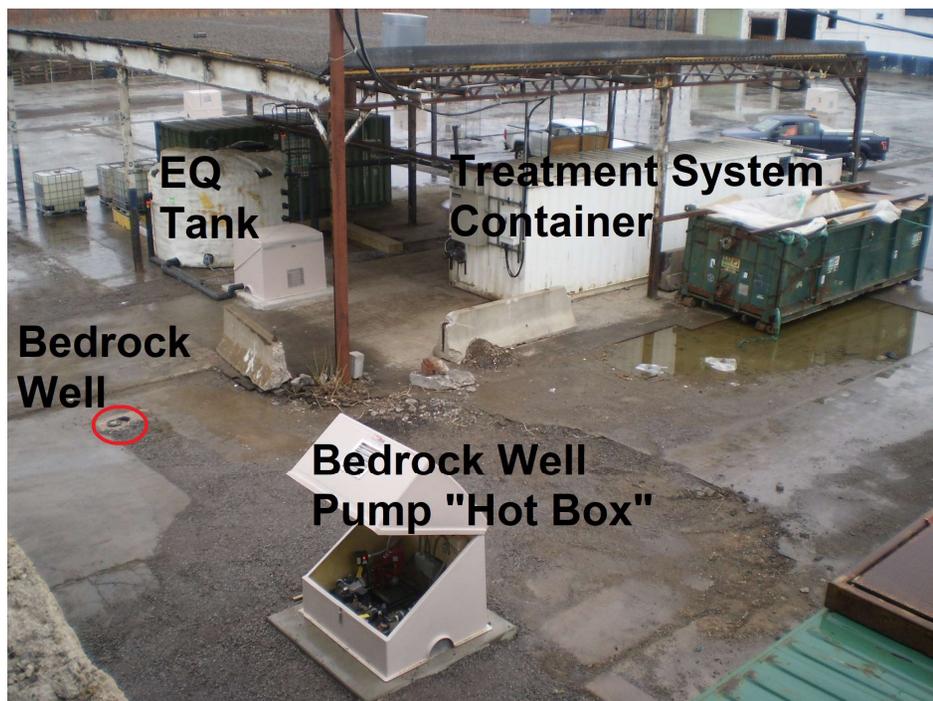
BCP Site

- DEC to review BCP Remedial Investigation/Alternative Analysis Report when received.
- DEC to issue a factsheet for Public Comment of the BCP RI/AA Report when the report is complete.
- DEC to monitor UST IRM activities.
- More public meetings at key milestones.

SSF Site

- DEC to evaluate long-term remedial measures at the 250 Colorado St. SSF Site following completion BCP Site RI/AA.
- Extensive SSF soil data collected during oil recovery well installation.
- DEC to complete SSF groundwater sampling following BCP RI/AA Report.
- DEC to prepare and issue SSF RI/AA Report in 2022. Any future SSF remedial measures are to be integrated with the BCP site measures.
- Future public meeting.

250 Colorado St. Site Extraction System Photos



250 Colorado St. Site Extraction System Photos



Preliminary Groundwater Assessment for Design

Well bailing to assess locations where oil has accumulated in wells; note oil in bailer



Collected oil and water is poured into buckets prior to containerizing



Where to Find Information

- Search for sites and access site documents using **DECinfo Locator**
- Go to www.dec.ny.gov and click on the link under Popular Topics
- Fact sheets, work plans, reports and more are available for viewing
- Information about many other DEC programs is also available

Contact Us

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Questions?

