



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

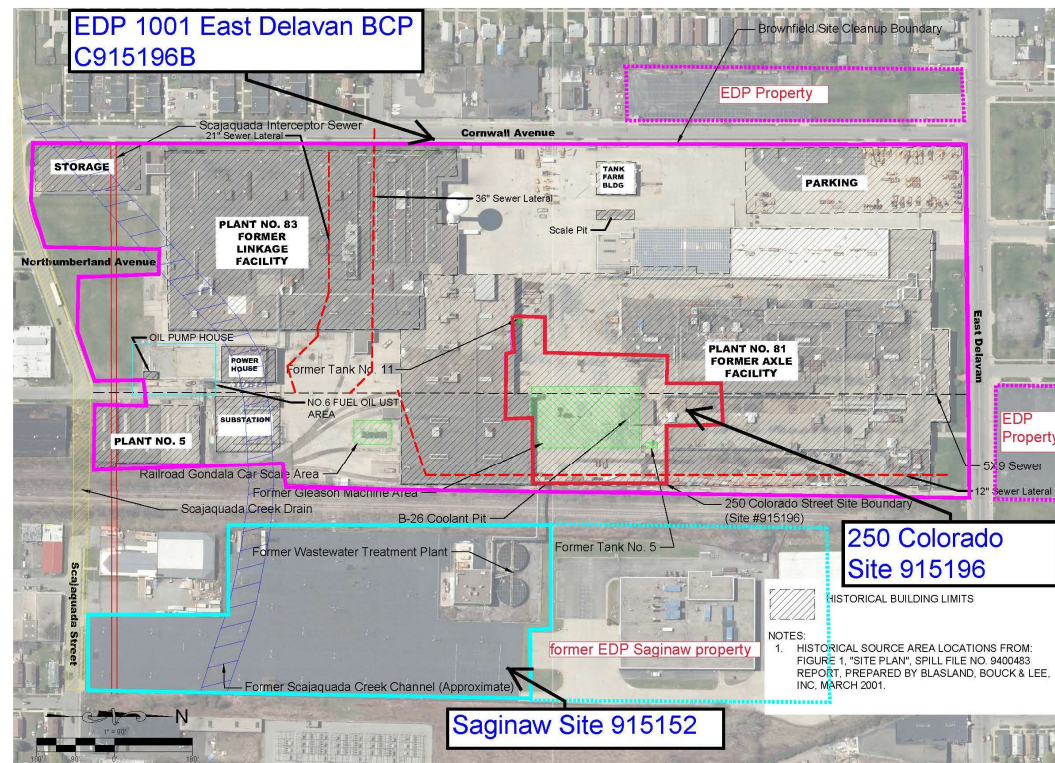


1001 East Delavan – 250 Colorado St. SSF and BCP Site Summary

- 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



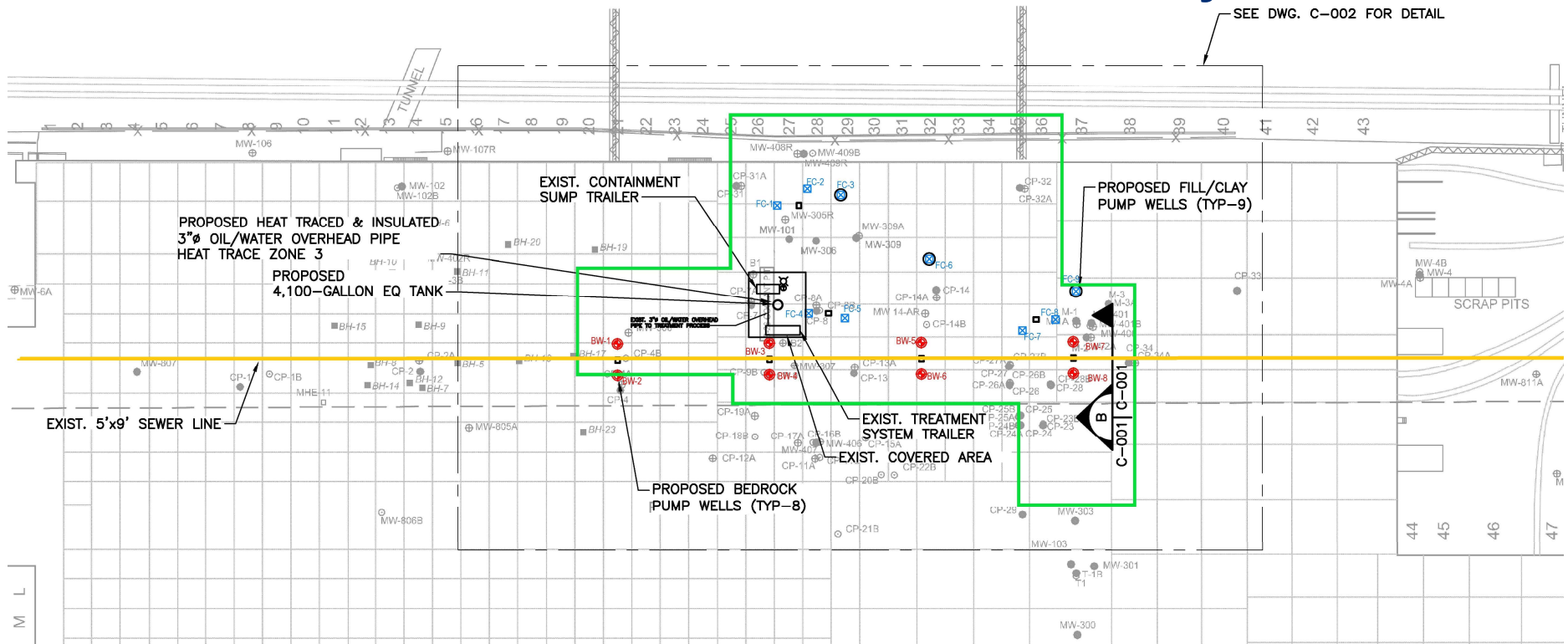
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250 Colorado St. Site Remediation Measures

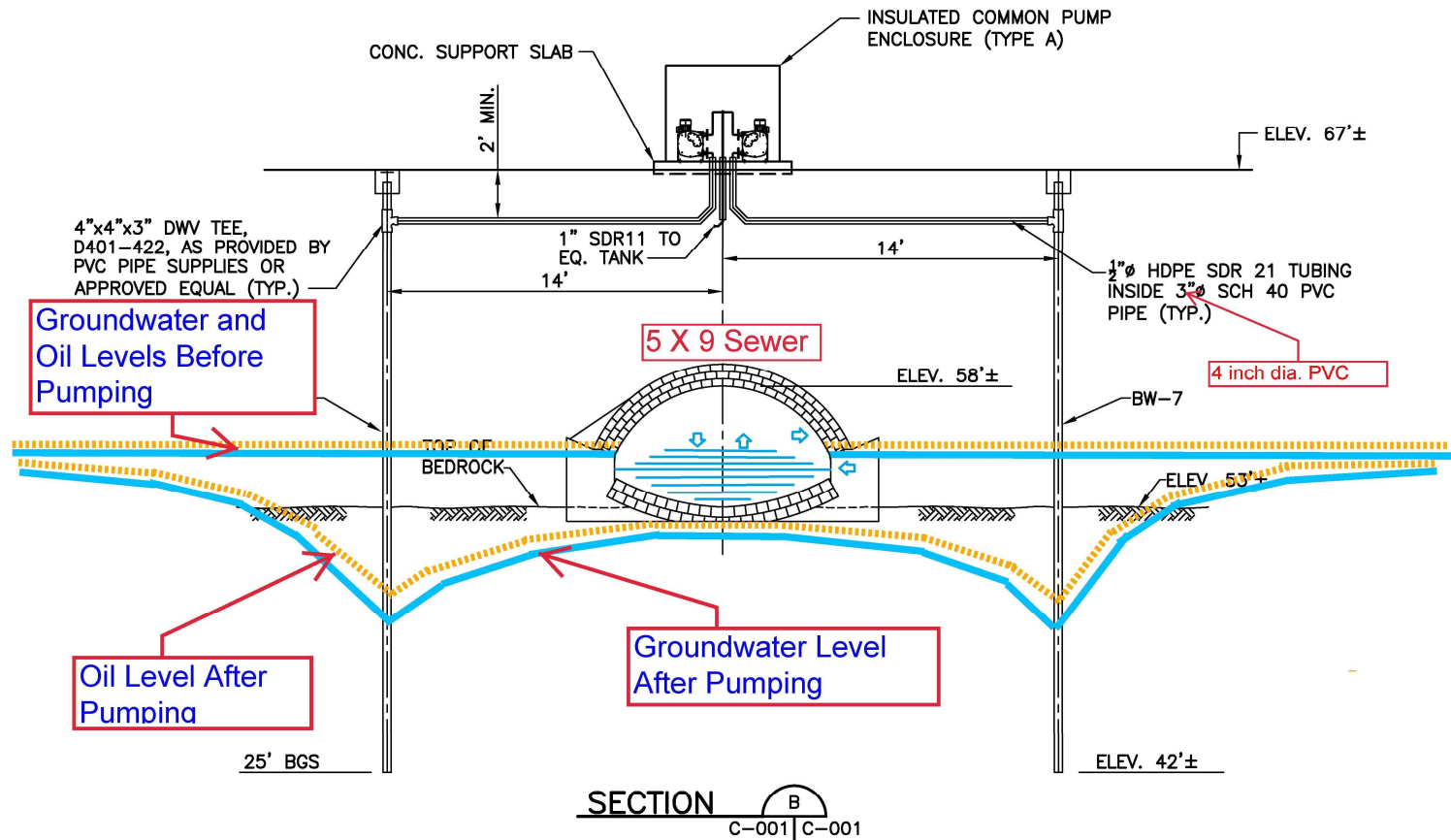
- DEC evaluated groundwater conditions and developed a groundwater containment and oil recovery system. Completed by a DEC contracted engineer.
- GW containment and oil recovery system installation completed in Spring 2019.
- The groundwater system consists of 2 pump extraction systems;
 - ✓ shallow 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.



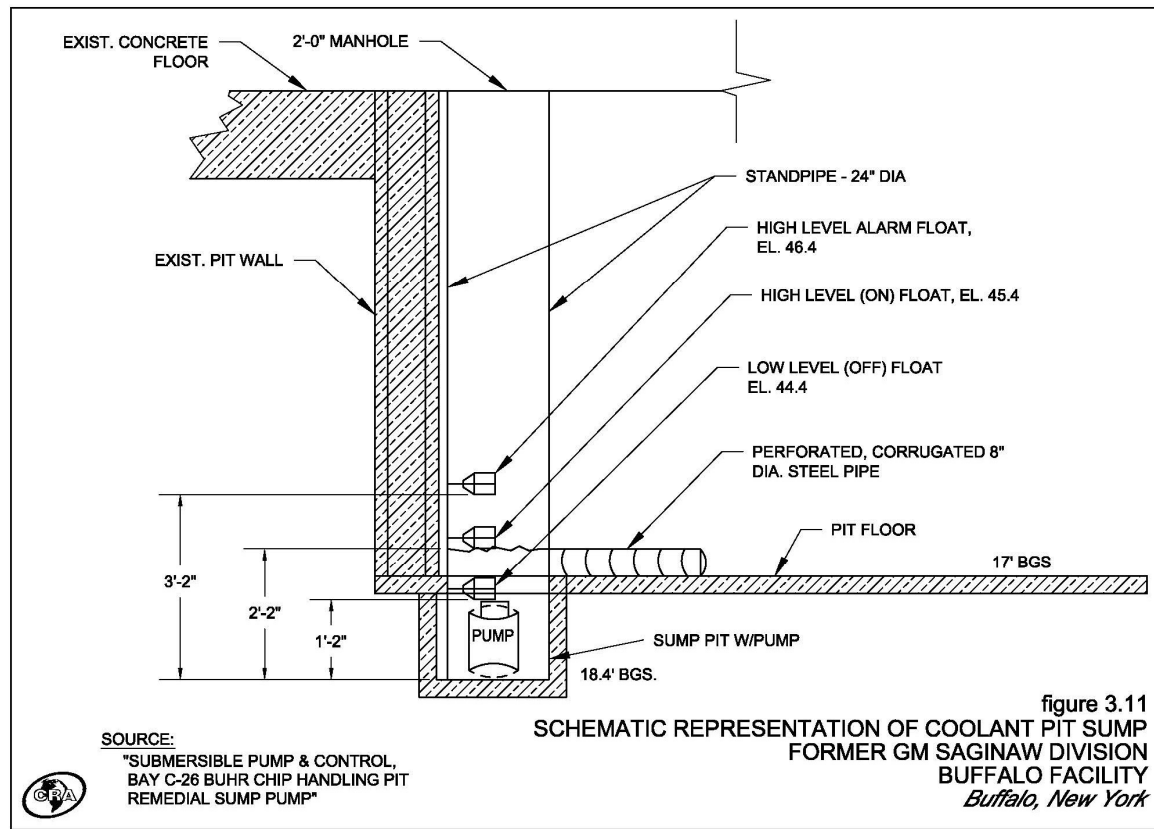
250 Colorado ST. Site Groundwater Extraction System Wells



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B-26 Pit Collection System



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

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.

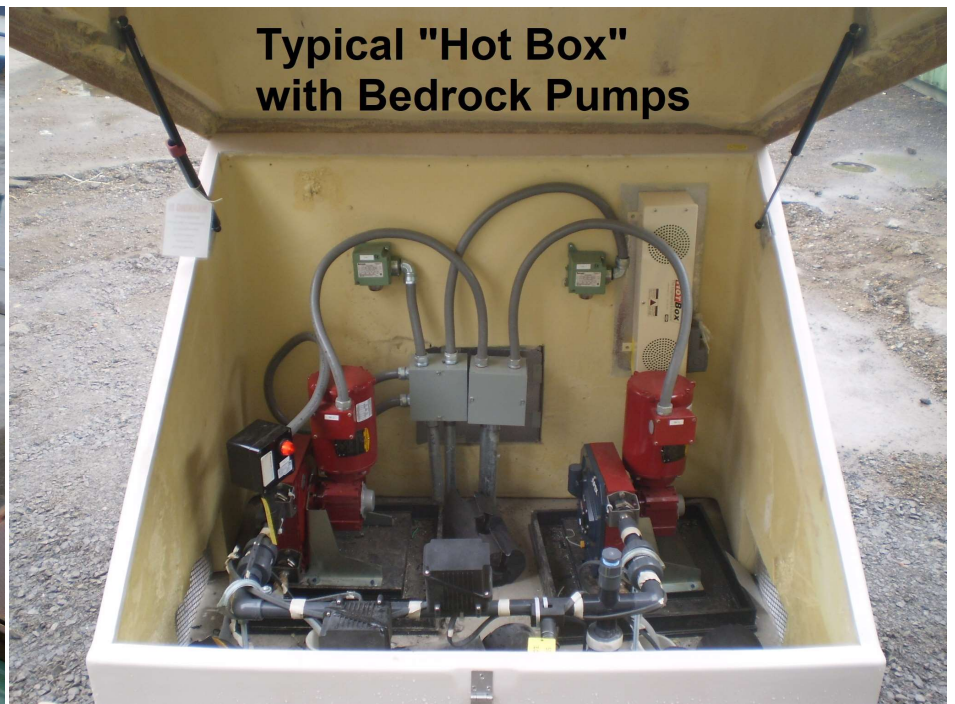
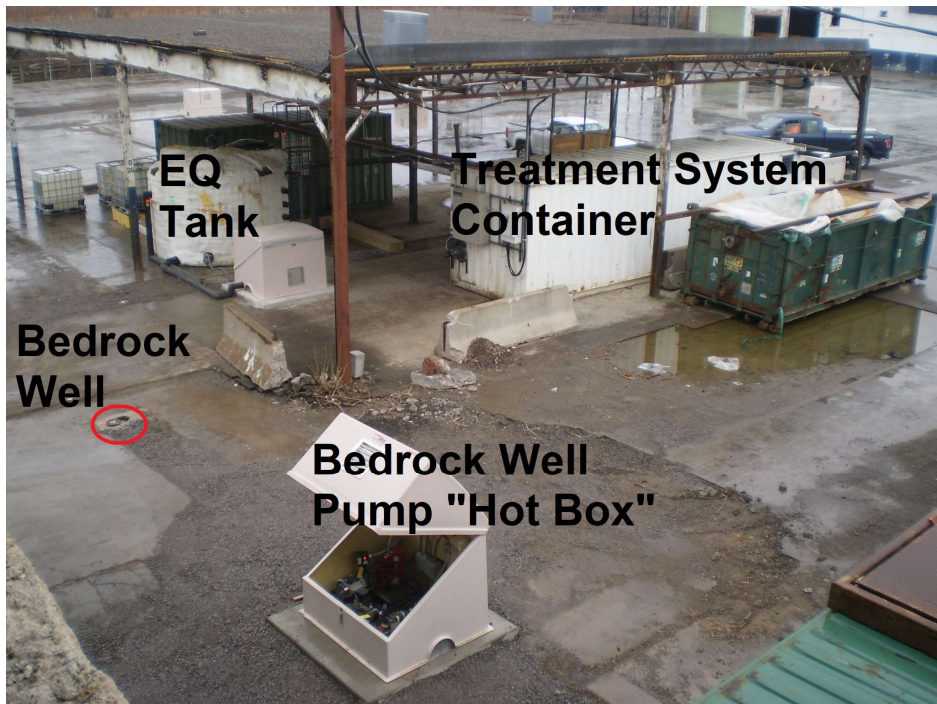
SSF Site

- 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.



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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

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Questions?

