



Department of
Environmental
Conservation

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

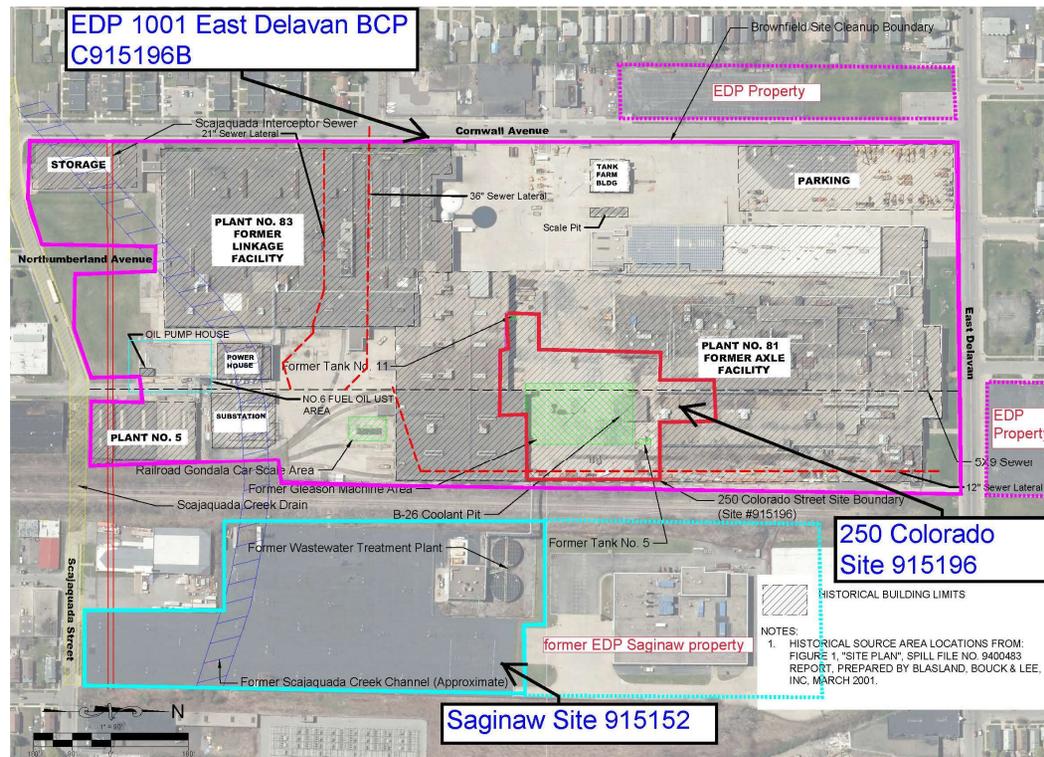
Division of Environmental Remediation

January 2022

DEC Presentation Topics

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

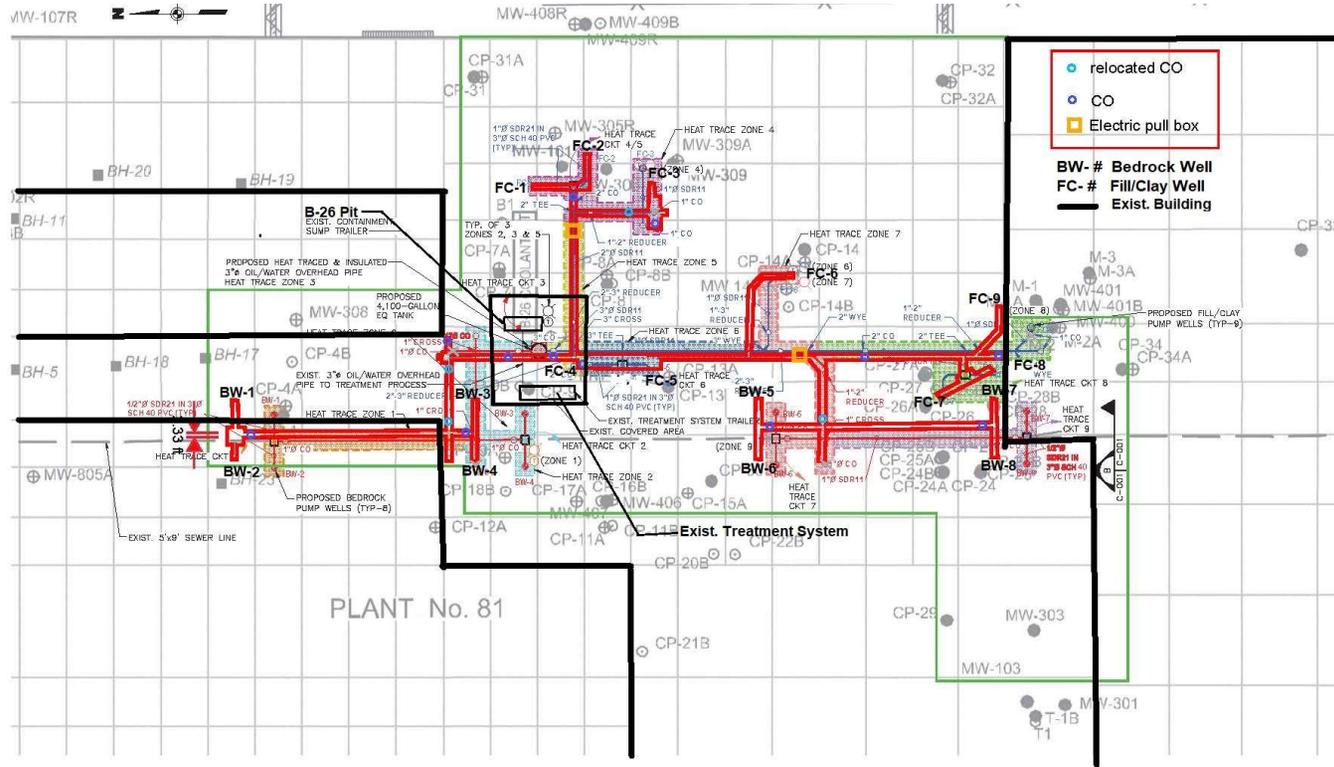
Former GM/American Axle Plant Site



250 Colorado St. Site Remediation Measures

- DEC evaluated groundwater conditions and developed a groundwater containment and oil recovery system (installed in 2019).
- The groundwater system consists of 2 separate pump extraction systems;
 - ✓ shallow soil system to collect pools of oil in the former Gleason Machine Area
 - ✓ bedrock system to draw groundwater and oil away from the “5x9” sewer
- 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. Site Remediation Progress

- To date: 1.32M gallons of water has been collected & treated; ~265 gallons of oil collected. EDP system has processed 3.7+M gallons of water.
- Ongoing system operation and maintenance.
- Bedrock pumps continue to operate with routine maintenance and each pump has been retrofitted with the additional pump control feature.
- A pump electrical system upgrade was started in 2021 to integrate additional pump control features and optimize pump maintenance. A pump relocation is planned as part of OSC's building renovation. Pump upgrades will be completed following the relocation.
- Groundwater samples were collected from select wells. Awaiting results.



BCP and SSF – Future Tasks and Activities

BCP Site

- DEC reviews and releases [BCP Remedial Investigation \(RI\) Report \(Feb-Mar 2022\)](#)
- DEC review of [BCP Alternative Analysis \(AA\) Report/Remedial Action WP \(TBD\)](#).
- Fact Sheet and 45-day Public Comment Period for [BCP AA/RAWP](#)
- Additional public meetings at key milestones.

SSF Site

- DEC will use SSF soil data from oil recovery well installation, recent groundwater data and [BCP RI Report](#) to develop a comprehensive [SSF RI](#) report.
- Use [SSF RI](#) to evaluate long-term remedial measures for the SSF Site.
- DEC to prepare and issue [SSF RI/AA Report](#) in 2022. Integrate [SSF remedial measures](#) with the [BCP site remedial measures](#).
- Future public meetings.

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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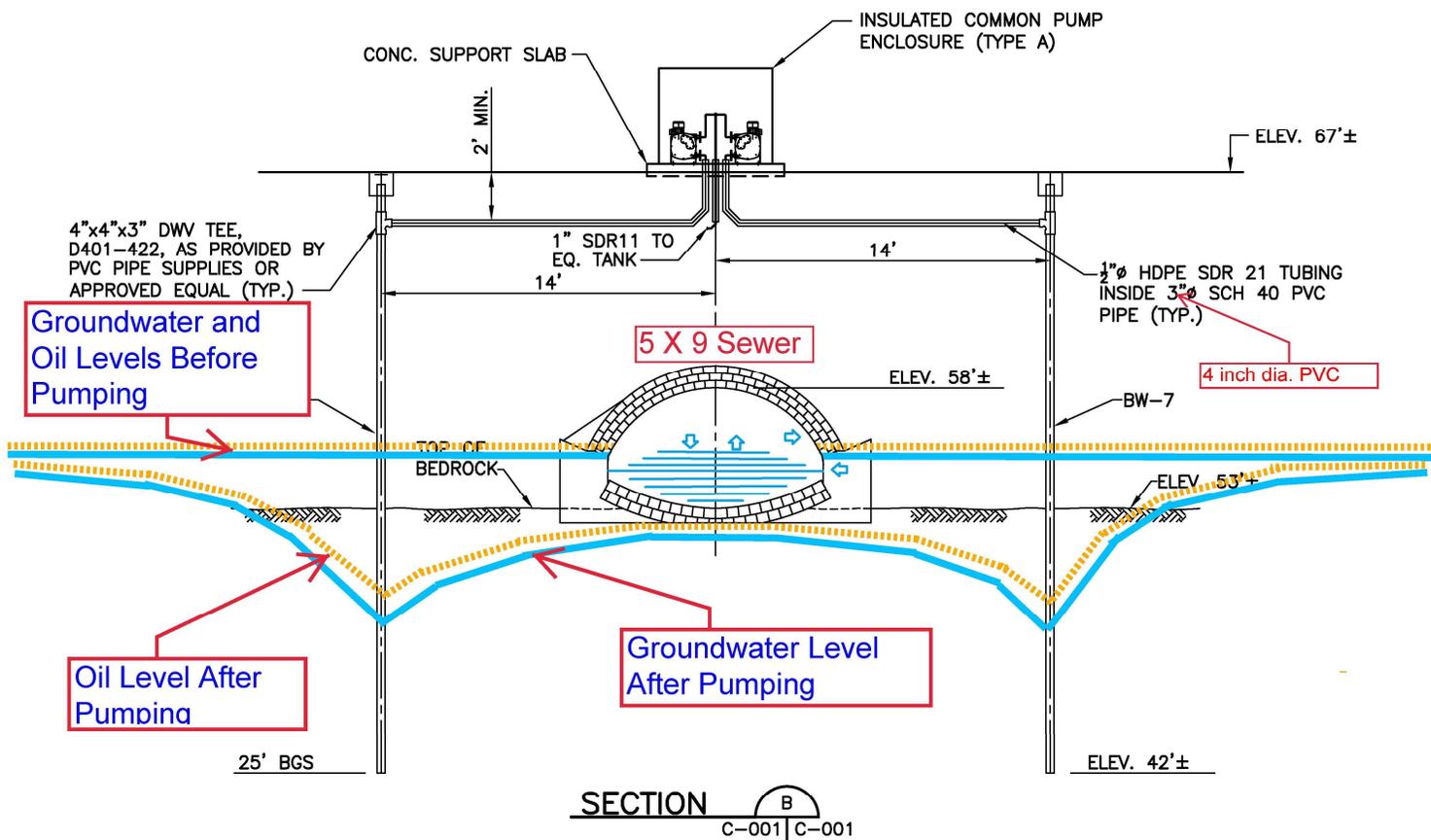
Questions?



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

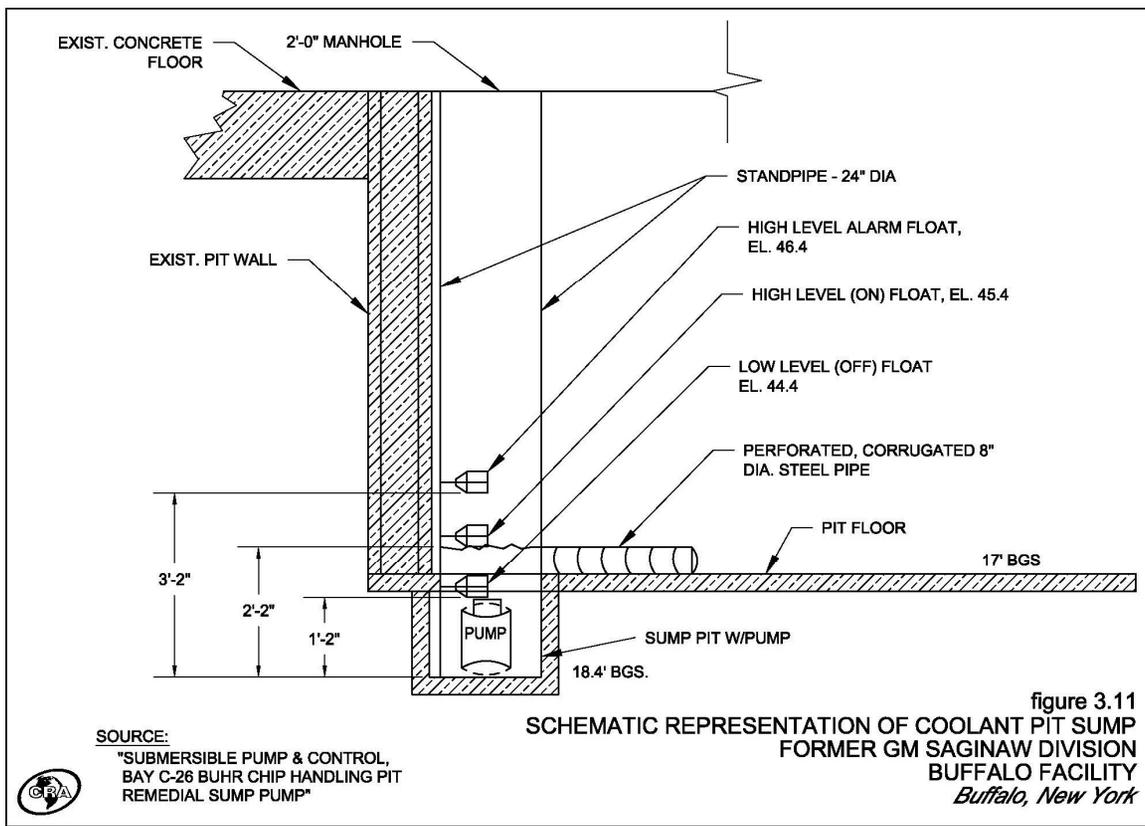
- 1001 East Delavan St. (BCP site) and 250 Colorado St. (SSF site) are portions of the former General Motors/American Axle Plant.
- BCP site covers 32.88 acres and SSF site covers 2.65 acres.
- The Old GM B-26 pit oil collection system is located on the SSF site. The DEC installed oil collection system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

250 Colorado St. Oil Control Near Sewer



Department of Environmental Protection

B-26 Pit Collection System

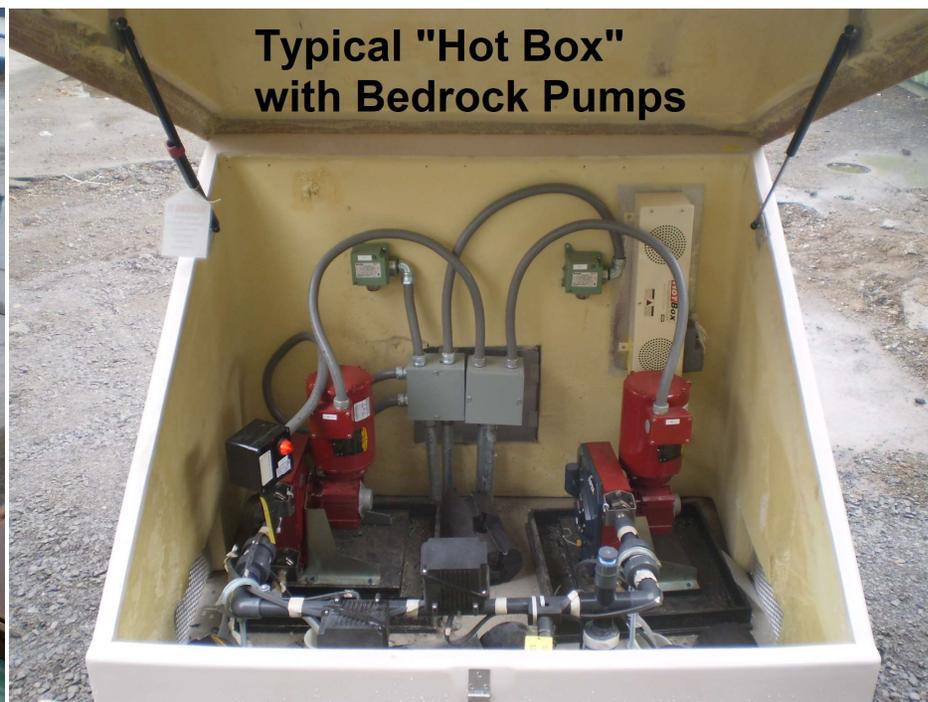
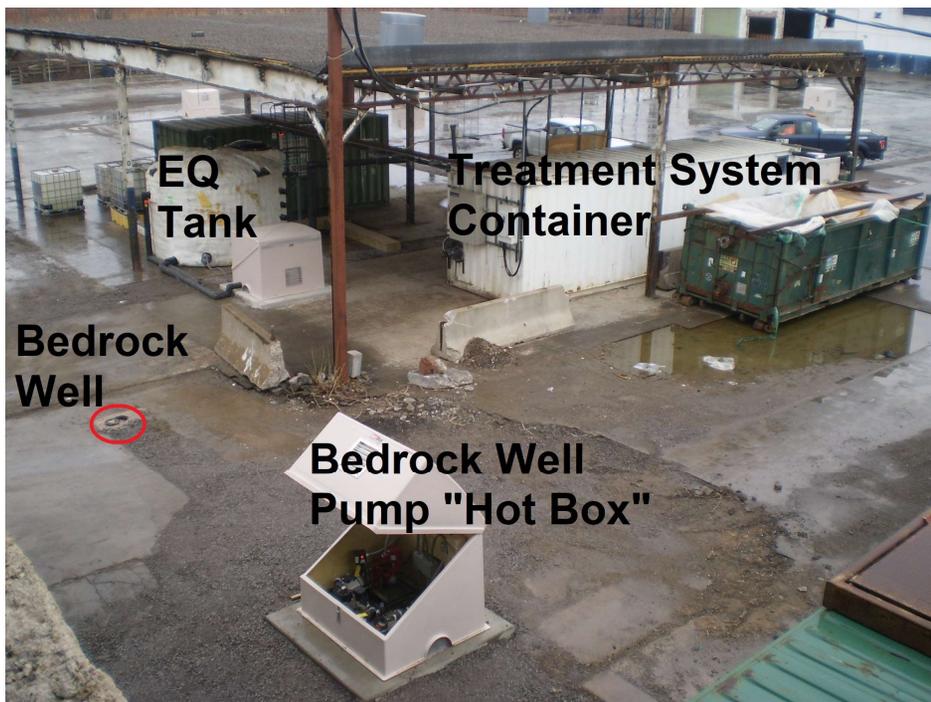


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250 Colorado St. Site Extraction System Photos



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



General Remedial Program Steps

Remedial Investigation Work Plan

What will be done to get a clear picture of the site?

- SSF:** DEC or other responsible party assembles a detailed plan to fully investigate the site. **Fact Sheets issued to announce the work plan and the start of the investigation field work.**
- BCP:** Applicant assembles the work plan. DEC and DOH review and comment. Approval after comments are addressed. **There is a 30 day public comment period for the RIWP. Fact sheet issued to announce review is in progress.**

General Remedial Program Steps

Remedial Investigation Report (RIR)

Here is what we learned about the site.

SSF and BCP: This report summarizes the results of the remedial investigation. **A Fact Sheet is issued announcing that the report is available.**

General Remedial Program Steps

Decision Documents

How are we going to clean this up?

SSF: DEC develops a Proposed Remedial Action Plan (PRAP). **There is a 30 day public comment period and a public meeting for the PRAP.**

Comments received for the PRAP are considered in development of a Record of Decision (ROD) which outlines the cleanup process.

BCP: Applicant analyzes several cleanup methods and chooses one. DEC and DOH review the analysis and a Decision Document is developed outlining the accepted choice. **A Fact Sheet is issued announcing the proposed decision and there is a 45 day public comment period prior to finalizing the Decision Document.**

General Remedial Program Steps

Completion

SSF and BCP: A Final Engineering Report (FER) detailing the work completed is reviewed by DEC and DOH. After approval of the FER a Certificate of Completion (COC) is issued for BCP sites and some SSF sites. **Fact Sheet are issued to announce the availability of the FER and the issuance of the COC.**

General Remedial Program Steps

Site Management

SSF and BCP: Removal of all contamination is not always possible. A Site Management Plan (SMP) is put in place for any site that does not reach unrestricted clean-up levels. The SMP details what controls must be put in place and maintained to manage remaining contamination.

Periodic Review Reports (PRRs) are reviewed by DEC on a set schedule to ensure controls remain in place and functional.

1001 East Delavan Property SSF and BCP Site Background Information

- 1001 East Delavan St. BCP site and 250 Colorado St. SSF site are portions of the former General Motors/American Axle Plant.
- Old GM began manufacturing automotive parts and assemblies in the 1920s. The plant expanded in size and buildings over the decades. Plant complex occupied 52 acres.
- The former plant also includes the Saginaw site previously remediated under an Order with Old GM. Remediation completed in 2001. Currently in site management by EDP.
- Old GM sold the plant to American Axle in 1994; American Axle shut down operations and sold the plant to East Delavan Properties (EDP) in 2008. Old GM maintained environmental liabilities.
- Old GM implements an interim remedial measure to collect oil at the B-26 pit in 1991. Treatment system upgrades in 2006. EDP upgrades the system in 2011. Operation is ongoing. Maintained by EDP and overhauled the system in 2018.
- Old GM entered an order to investigate and remediate the 2.65 acre 250 Colorado St. Site in 2005. The B-26 pit is located in the 250 Colorado St. Site.
- Old GM declares bankruptcy in 2011. Per bankruptcy, New GM is absolved of environmental liabilities.
- EDP enters agreement with DEC in 2018 and DEC assumes remediation of 250 Colorado St. Site.
- EDP enters the BCP for 1001 East Delavan in 2018 (32.88 acres).