

U.S. EPA's Update

May 13, 2021

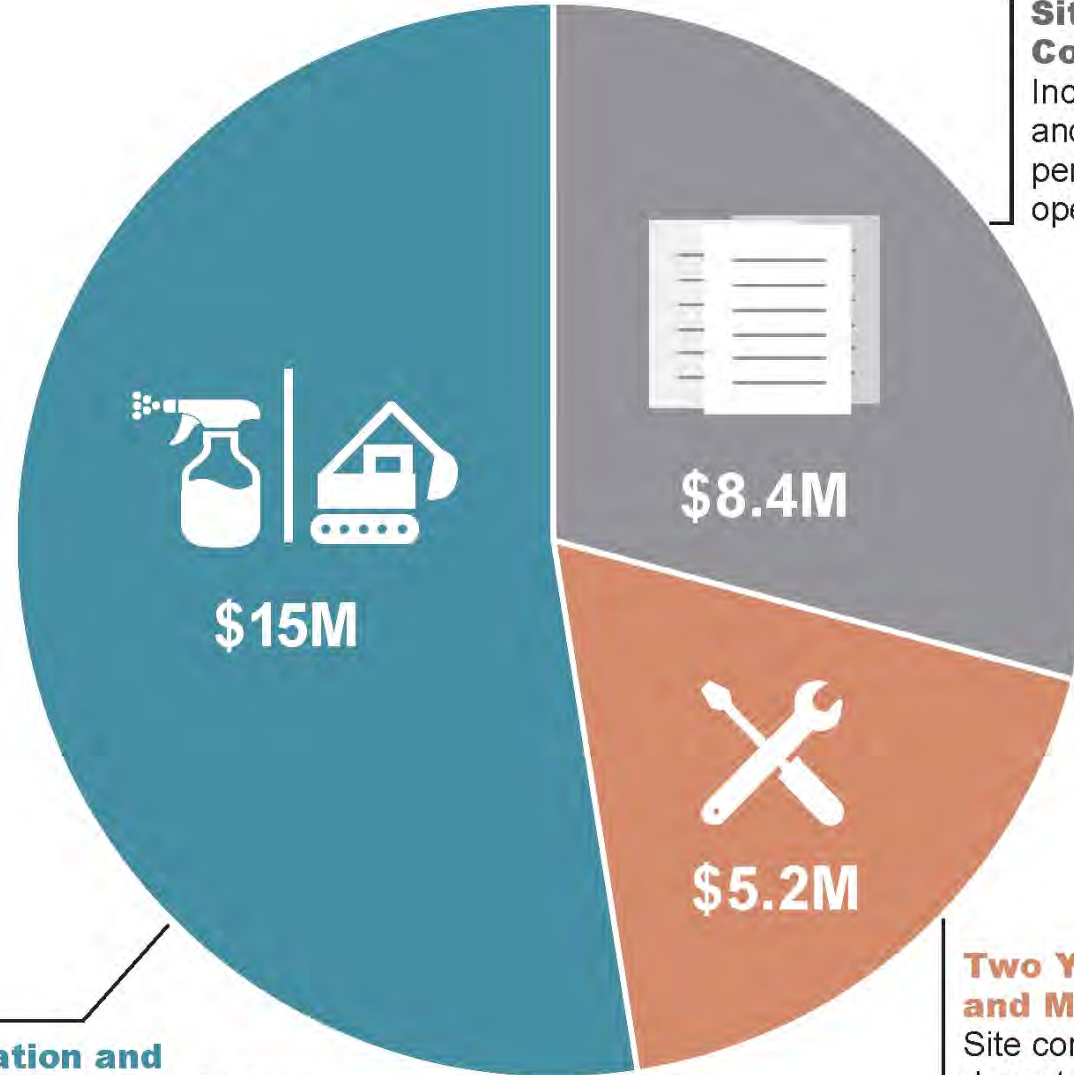
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Trust Work Budget Overview



Decontamination and Deconstruction Costs: \$15M

RCRA regulated buildings and the boarding up of the ancillary buildings.

Site Safety, Operations, and Compliance Fees: \$8.4M

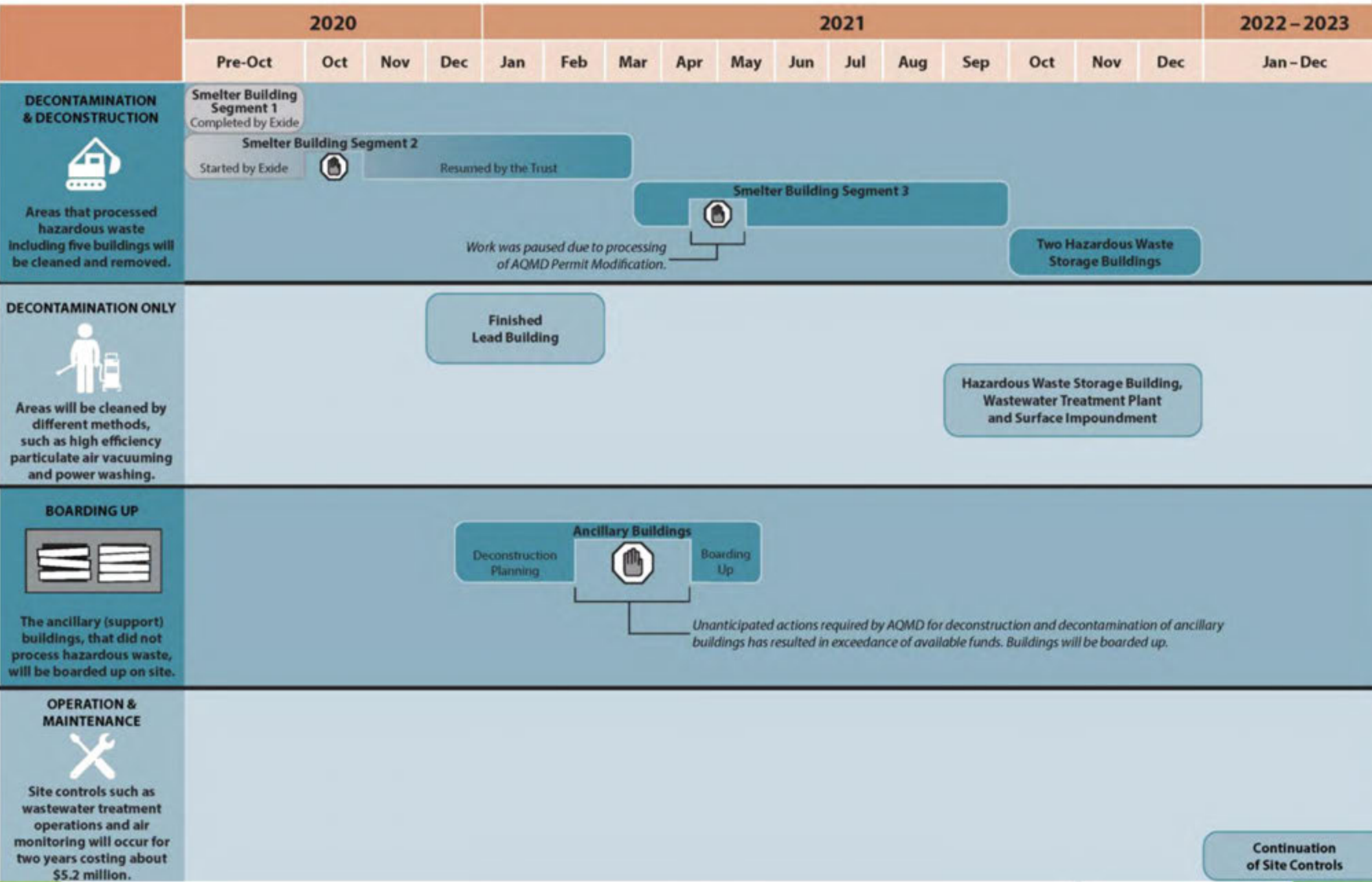
Includes the security, utilities, legal and project management fees, air permit compliance, and all site operation and maintenance.

Two Years Site Operation and Maintenance Costs: \$5.2M

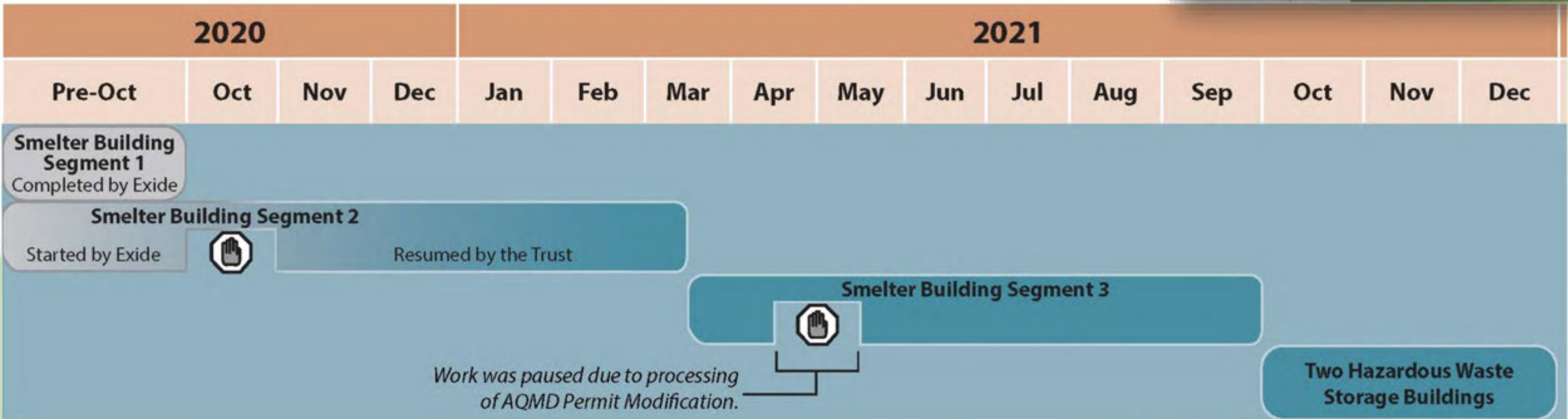
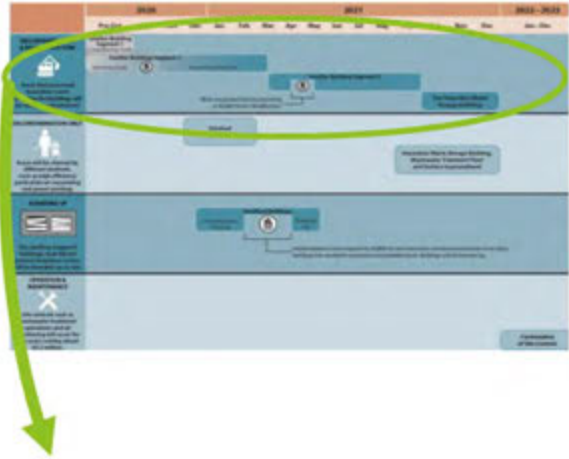
Site controls, after the Trust completes decontamination and deconstruction, such as air quality monitoring as required by the air permit and operation of the wastewater treatment plant.



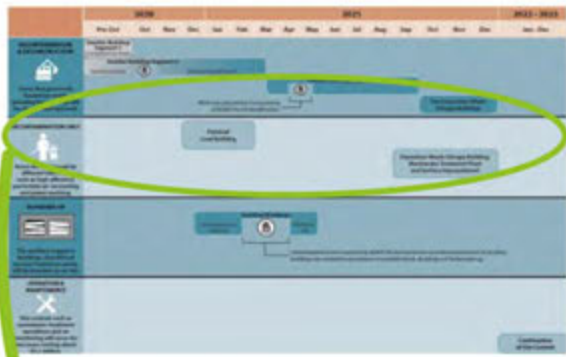
Trust Work Activities Overview



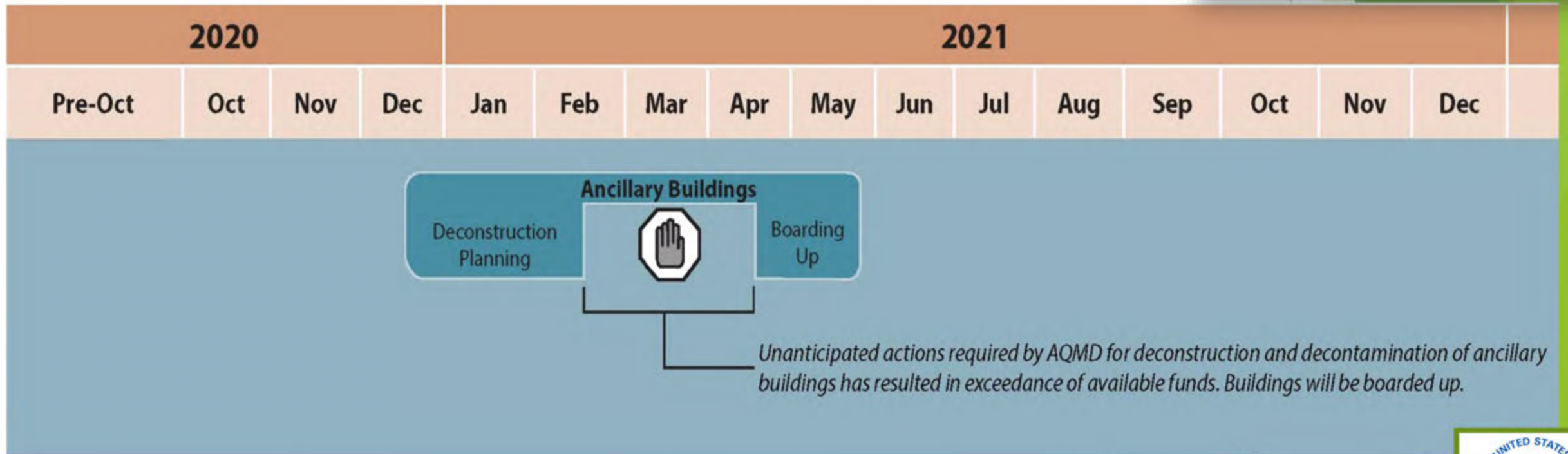
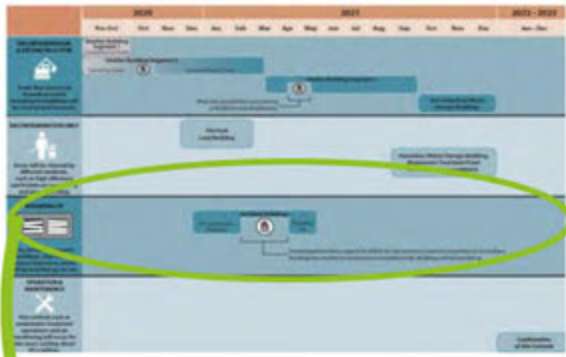
Decontamination & Deconstruction



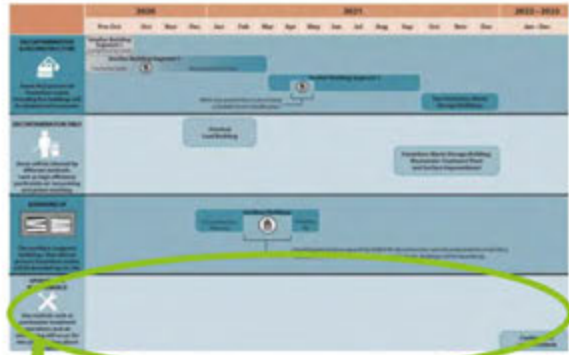
Decontamination Only



Boarding Up



Operation & Maintenance



2022 – 2023

Jan – Dec

**Continuation
of Site Controls**



Future of the Property



Potential sale of the property



New EPA Website



Website on EPA's role in overseeing the Trust work of decontamination and deconstruction at the former Exide facility.

- English and Spanish
- Latest updates
- Past presentations and memos
- Related contacts

Former Exide Battery Recycling Facility, Vernon, California

EPA's Role in Overseeing Decontamination and Deconstruction

English | [En español](#)

This website provides information about EPA's role at the former Exide facility in Vernon, California. Information about the related effort by the California Department of Toxic Substances Control (DTSC) to clean up the residential yards in the 1.7 mile radius from the Exide facility is available at the [DTSC website](#). [EXIT](#)

On this page:

- [Why is EPA Involved?](#)
- [What is the Decontamination and Deconstruction Process?](#)
- [How is Money Spent?](#)
- [Trust Project Timeline](#)
- [Documents](#)



Former Exide Facility at 2700 South Indiana Avenue, Vernon, CA.
[Click to Enlarge](#)

Why is EPA Involved?



Vernon Environmental Response Trust (Trust) Progress Report

May 13, 2021

Prepared for

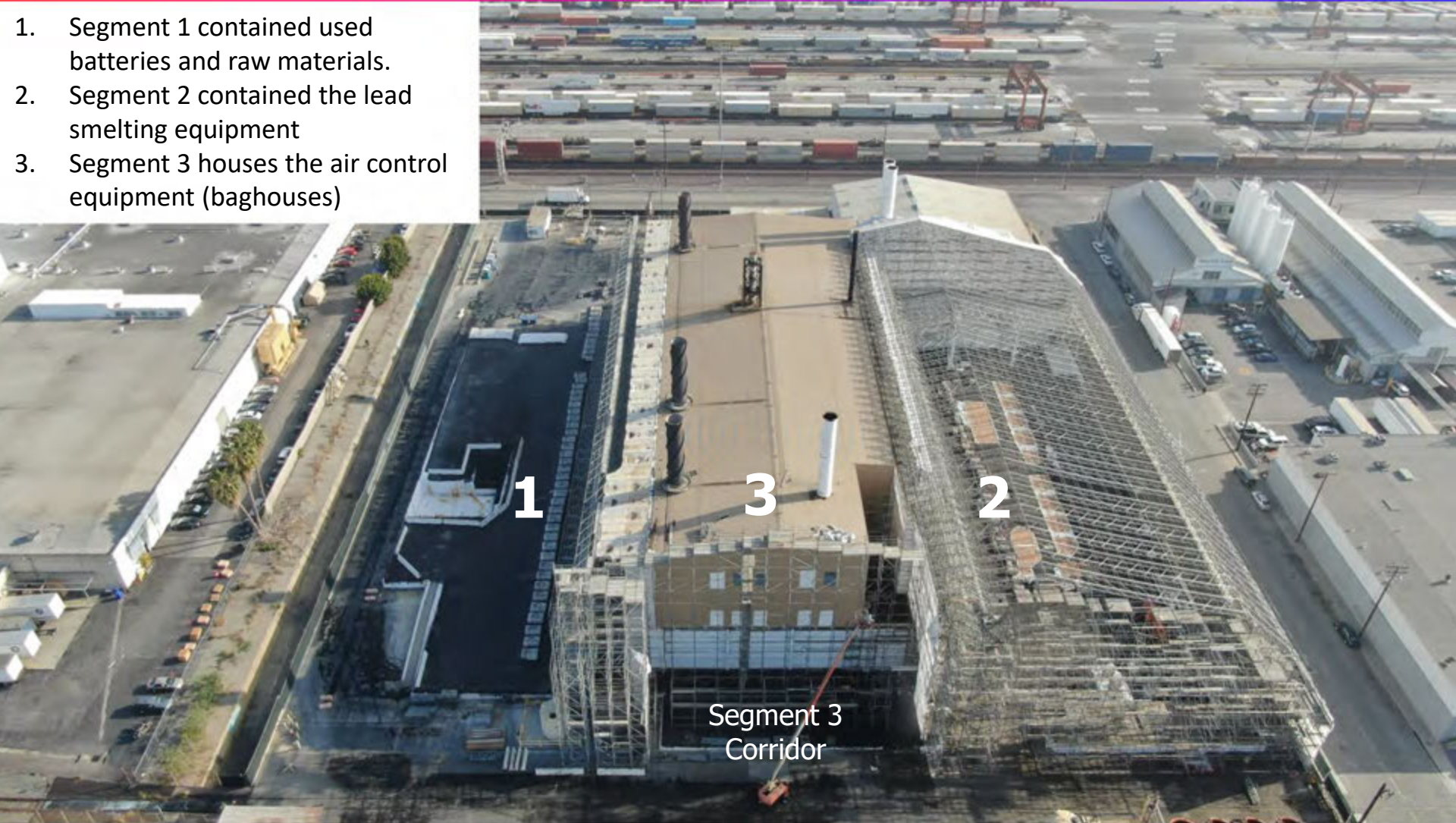
Exide Technologies Community Meeting

Prepared by

PathForward Consulting, Inc.

Smelter Buildings (Segments 1, 2 and 3)

1. Segment 1 contained used batteries and raw materials.
2. Segment 2 contained the lead smelting equipment
3. Segment 3 houses the air control equipment (baghouses)



Progress – Segment 2 Work Completed



October 2020



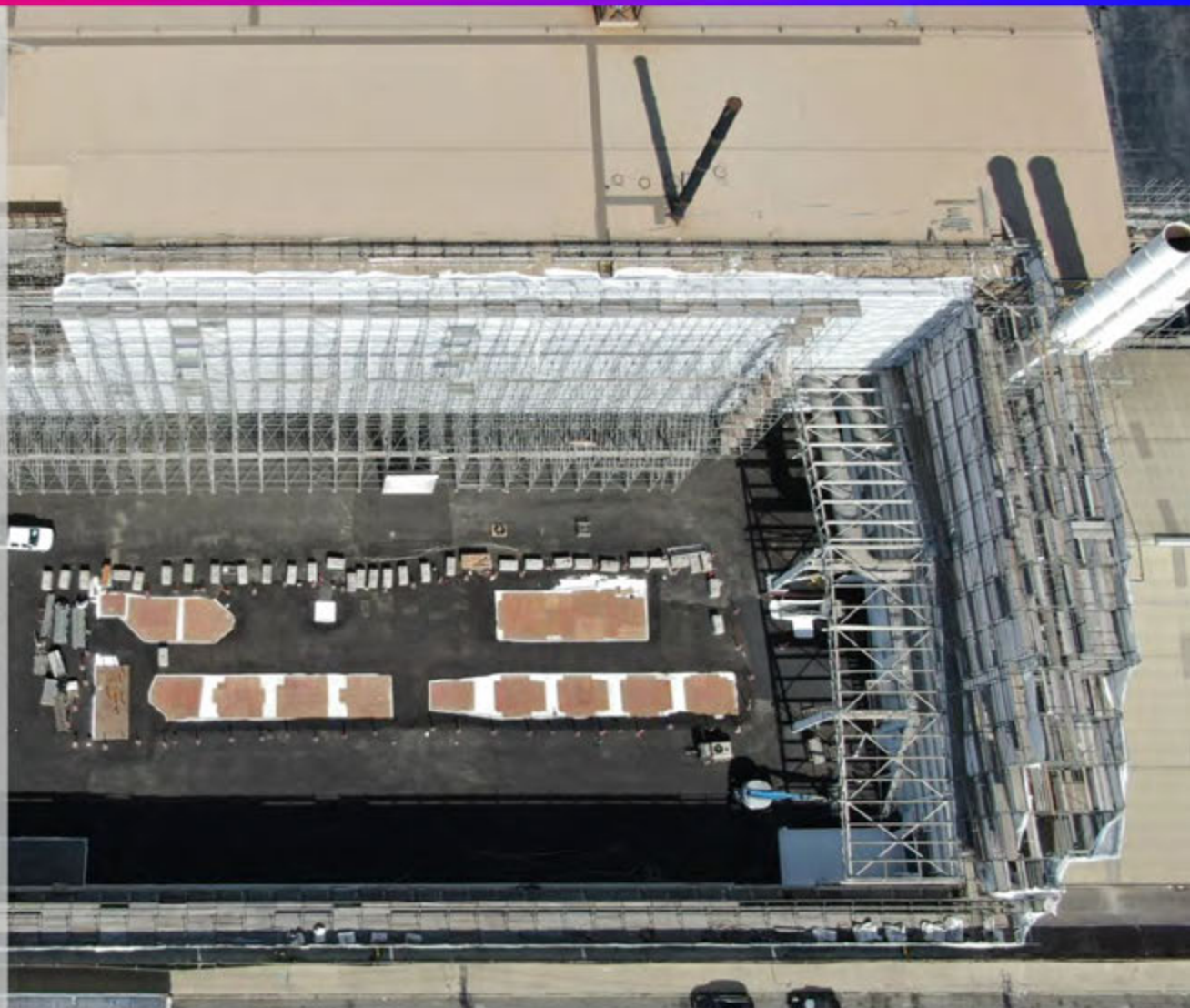
March 2021



May 2021

Progress – Segment 2 Work Completed

- Completed deconstruction of remaining building elements in Segment 2
- Repaired the Torit Baghouses for continued operation during Segment 3 work
- Decontaminated and paved the floor surface
- Encapsulated the surfaces in the kettle gallery basement
- Removed wastes and recyclable metals
- Decontaminated the interior of the Finished Lead Warehouse and sealed wall openings.
- Partially deconstructed and decontaminated the BESS building to allow for installation of electrical components required for the north yard transformer relocation.
- Decontaminated and removed Segment 2 Full Enclosure Unit (FEU).



Progress – Waste Disposal and Recycling Summary

Waste Removed

- 215 tons of hazardous waste concrete
- 123 tons of hazardous waste debris
- 4 tons of asbestos containing wastes
- 35,700 gallons of sludge from Waste Water Treatment Plant WWTP



Scrap Metal Recycled

- Segment 2 and 3 113 tons
- Batteries 256 Tons



Progress – Segment 3 Corridor Building Completed



January 2021



March 2021



May 2021

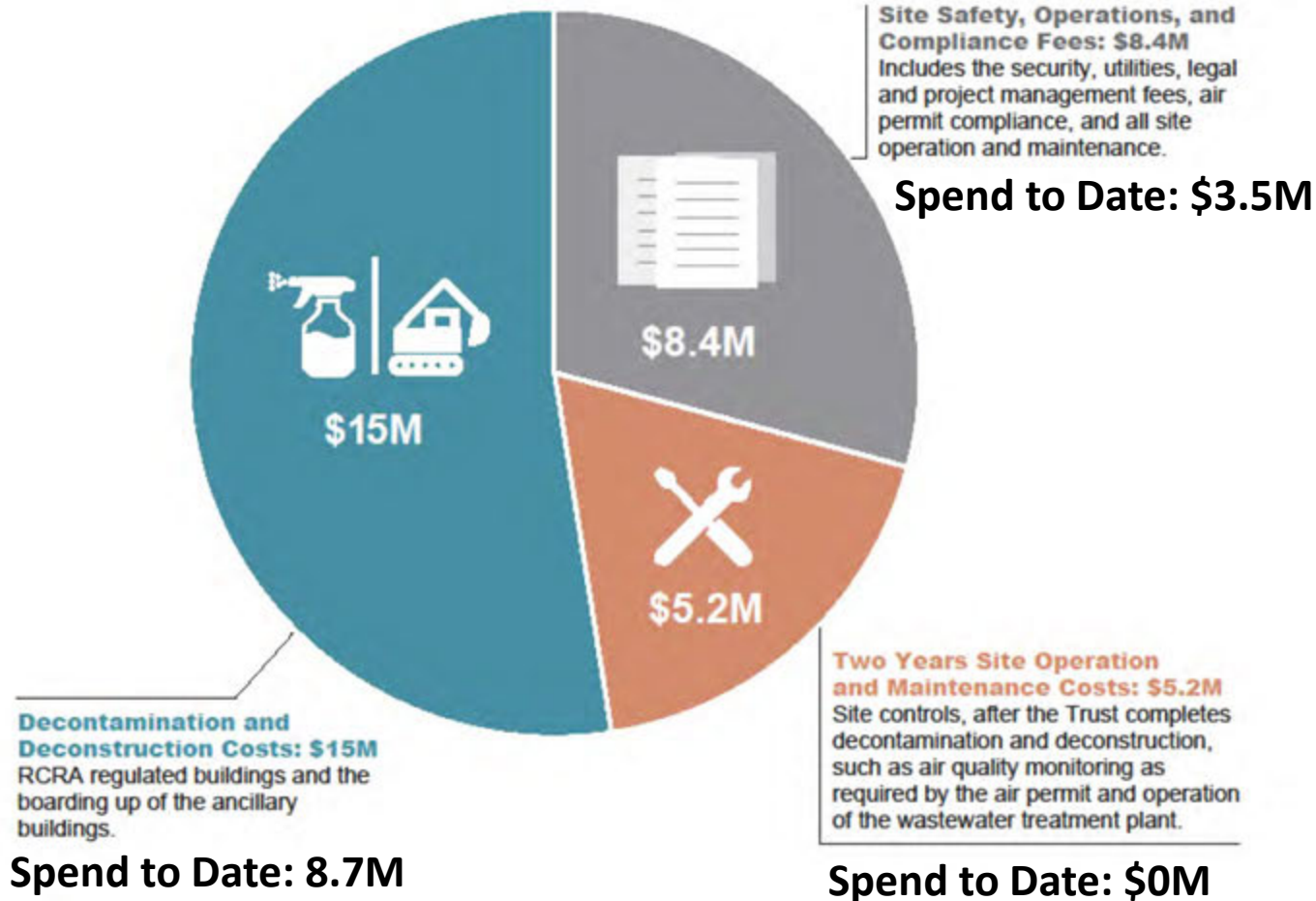
Segment 3 Upcoming Work

- Baghouse stack removal
- Completion of asbestos abatement
- Decontamination and deconstruction of four baghouses inside building
- Building decontamination and deconstruction
- Floor paved with asphalt



Trust Spend to Date (through April 2021)

BUDGET FOR THE TRUST WORK AT THE FORMER EXIDE FACILITY



Site Controls for Community Protection

- Full Enclosure Units (FEUs)
 - Real time negative pressure monitoring
 - Daily drone inspections
 - Immediate response maintenance protocols



Site Controls for Community Protection

Site Water Control

- Site pavement washing three times a day
- Stormwater capture
- Wash water and storm water treatment
 - All site water is treated before being discharged to industrial sewer



Site Controls for Community Protection

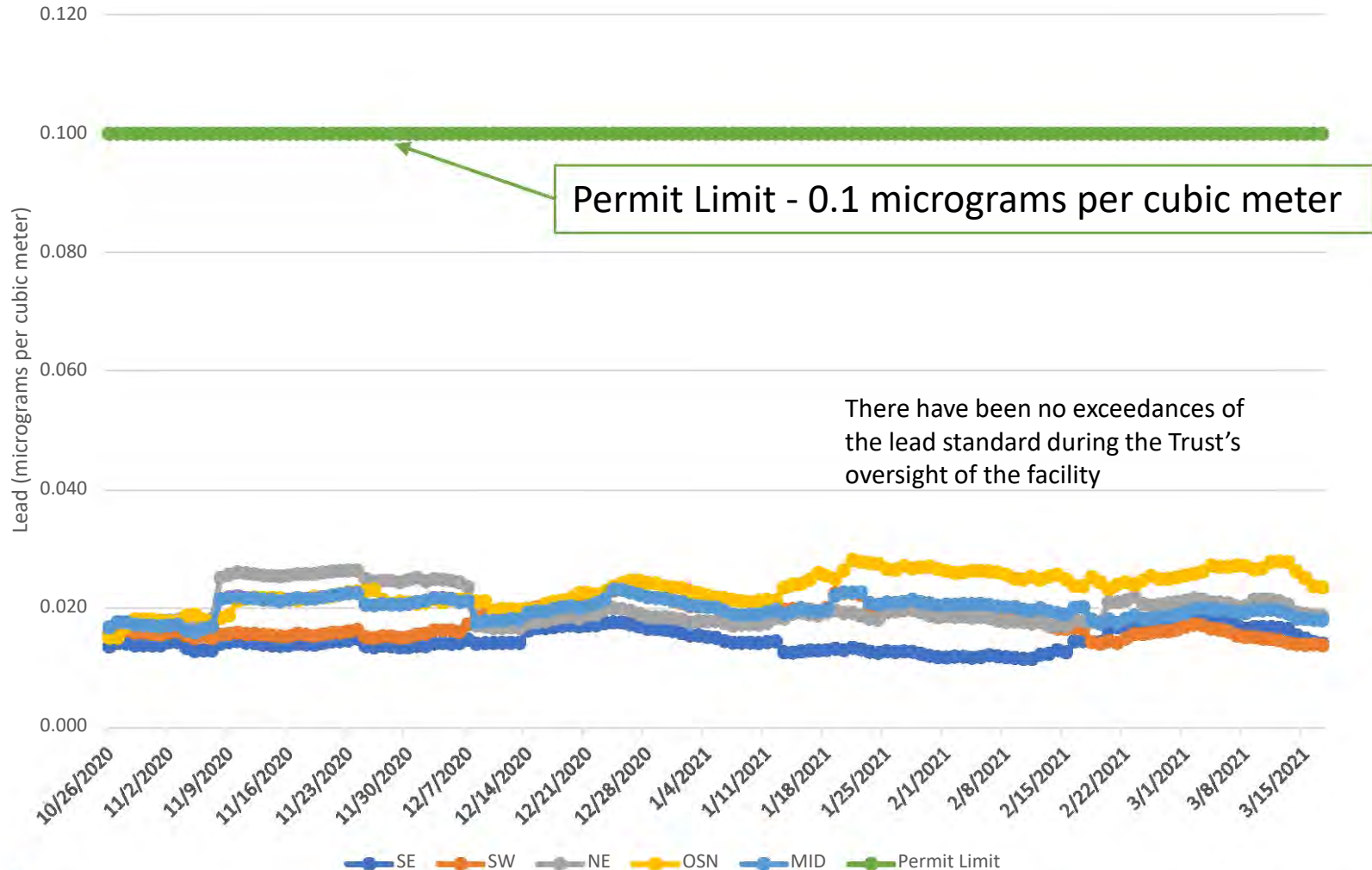
Other Site Controls

- Daily Perimeter Ambient Air Sampling
 - Five stations
- Site Security
 - 24/7 coverage
- Daily DTSC oversight visits



Compliance – Daily Ambient Air Monitoring – Lead

30-Day Average Ambient Air Lead Concentrations
October 26, 2020 through March 17, 2021



Compliance – Daily Ambient Air Monitoring – Arsenic

