

PROJECT PROFILE - RCRA LANDFILL

Throop, Pennsylvania



Aerial View: Former battery recycling facility.



Objective:

Excavate over 290,000 CY of lead impacted soils and construct an on-site 9.5 acre landfill cap system at a former lead battery recycling facility.

Solution:

SCE served as Prime Contractor for this soil excavation and capping project completed under a US EPA/PA DEP Consent Order. SCE installed a 9.5 acre cap, cleared and grubbed 22 acres, and installed a retention basin, check dam, and spillways. In addition, the company imported over 237,000 CY of structural fill and 41,000 CY of top soil to the site.

The site is adjacent to the Lackawanna River and is within a heavily populated area. As a result, the project was conducted under a “Zero Dust” Rule. Of particular concern was the potential for substantial dust generation created by exceptionally dry hazardous material that had been encased in a liner for more than 15 years. With over 41 pieces of heavy equipment on the project, SCE met production rates exceeding 11,000 CY per day with no violations of the Zero Dust Rule.

SCE employed High-efficiency Dust Boss suppression equipment to achieve the required air quality standards while avoiding surface oversaturation. Representatives of the U.S. EPA, PA DEP, and the U.S. Army Corps of Engineers were all on site to oversee air quality monitoring.

SERVICES PROVIDED

- Soil Excavation
- Capping
- Lead Abatement
- Remediation
- Stabilization

