

Project

Buckeye Steel Station PCB Soil Remediation Columbus, Ohio



Client: Confidential
Design Engineer: POWER Engineers
Completed: 2025

ERC was contracted to perform TSCA-regulated PCB remediation at Buckeye Steel Station, coordinating scope, contract reviews, and a transition meeting ahead of field execution. To improve cost efficiency, ERC recommended processing PCB-impacted concrete to <2.5 inches prior to loadout; this approach saved the client roughly 25% compared with alternative handling methods.

Field activities included mobilization/demobilization; concrete processing with a pulverizer to <2.5 inches; excavation and loadout of approximately 600 tons of PCB-impacted soil and concrete; and transportation/disposal at a client-approved Subtitle C disposal facility. ERC then backfilled with ODOT 304 aggregate and compacted per field direction, maintaining compliance with TSCA requirements throughout.

We aligned on schedule and unit-rate assumptions through change-order approvals and day-by-day production planning, keeping the work on track while preserving regulatory and documentation rigor.

CASE STUDY

Services

- TSCA PCB remediation
- Concrete size reduction recommendation
- 25% client cost savings
- Concrete pulverization to <2.5 inches
- Excavation, loadout, transportation, and disposal of 600 tons PCB-impacted soil and concrete
- ODOT 304 backfill
- Backfill compaction
- Schedule optimization



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