



CASE STUDY



HULCHER REMEDIATES ARSENIC CONTAMINATION AT BUSY RAIL YARD

Scope

The railroad needed the remediation of significant arsenic contamination at one of their major rail yards. The affected areas were in an active part of the yard, and it was crucial that interruptions to track serviceability were minimized during the clean-up. Through a competitive bid process the railroad selected Hulcher Services to remediate the contamination.

Solution

Hulcher brought in a variety of equipment to remediate the site, including excavators, an undercutter, dump trucks and backhoes. For most of the site their crews removed, stockpiled, transferred and disposed of the contaminated soil and sub ballast; in some places they performed chemical stabilization. The project also called for Hulcher's sidebooms to assist the railroad's crews as they removed and replaced large stretches of track.

Outcome

Over the course of the project Hulcher cleared the site of 20,000 tons of arsenic-contaminated soil and sub ballast. Their experience with the railroads proved to be invaluable. Hulcher operators have years of experience in active railroad environments, and their expertise allowed them to remediate the property and support the railroad's efforts to install the new track with minimal impact to yard operations.

Hulcher took an active role in controlling project efficiency as well. The railroad planned to bring replacement sub ballast from another location. Hulcher identified a local source for ballast, saving the railroad more than \$100,000 in material and delivery expenses. By using a local source the contractor also improved the availability for the ballast when it was needed, which reduced delays and kept the project on schedule.



KEY FACTS

PROJECT SUMMARY: Remove arsenic contamination from action portion of a busy rail yard.

CONTAMINATION REMOVED: Removed and disposed of 20,000 tons of soil and sub ballast and performed chemical stabilization.

RAILROAD EXPERTISE: Knowledge and experience allowed operators to minimize disruptions.

SAVING MONEY: Identified local source for ballast and saved railroad over \$100,000.

