



CASE STUDY



HULCHER REHABILITATES CONTAINMENT SYSTEM FOR TWO MILLION-GALLON ASTs

Scope

A railroad identified that its containment system for two one-million gallon Above Ground Storage Tanks (ASTs) used for diesel storage was out of compliance. The two-acre area was surrounded by a five-foot dike that was approximately 209 feet wide by 430 feet long, with an additional dike running the entire length between the two ASTs. The railroad needed the installation of a new GCL liner and cover system, along with improvements to the storm water drainage collection and removal system inside the dike.

Solution

Hulcher Services was chosen for the project as part of the total package of support services provided to the railroad on a daily basis, and deployed a dozer, wheel loader, track loader and backhoe to complete the work.

Hulcher's crews regraded the site to remove the old system and prepare the area. The entire dike area was then lined with an engineered bentonite liner system, which provides a natural, effective barrier to prevent spills or run-off from seeping into the surrounding soil. As part of the project, Hulcher rebuilt the sump headwall system to move stormwater to the industrial wastewater system for pretreatment, and installed new discharge lines.

Outcome

With the new liner, sump headwall and discharge lines, the containment system now complies with regulatory requirements. Hulcher's environmental professionals led all aspects of this project, including management of the concrete subcontractor, and the project was completed on schedule.



KEY FACTS

PROJECT SUMMARY: Rehabilitated containment system and drainage collection / removal system for million-gallon diesel fuel ASTs.

ENVIRONMENTAL SERVICES: Dike area lined with engineered bentonite system, sump headwall system rebuilt and new discharge lines installed.

TURNKEY SOLUTION: Hulcher managed entire project based on environmental and project management experience.

