



PROJECT DATA SHEET

Project Name: United Metals Superfund Site Project Number: 049001.01.43.32
Contract Title: Excavation and Stabilization, Recovery Act, United Metals Phase 2
Contract No.: EP-S4-09-02 Contract Type: Firm Fixed Price
Project Value: \$4,811,195.35 Location: Marianna, Florida

CLIENT(S):

Name: Black & Veatch Special Projects
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PROJECT DESCRIPTION:

DNT was contracted to perform remediation of this EPA Superfund Site. The site was a former battery manufacturing and recycling facility which was determined to have significant heavy metal contamination of the soil from the operations. DNT performed the first phase of the project where the site was cleared and grubbed and the main operation building was decontaminated and demolished. In Phase 2 of the project, DNT excavated the soil in the areas previously determined to be





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PROJECT DESCRIPTION (continued):

contaminated above the remediation goal concentration. The soil was then stabilized with two reagents onsite using a pugmill. The contaminants of concern were lead, arsenic, cadmium and antimony. The stabilized soil was then placed into an onsite monolith that was constructed during the project, where it was covered with clean fill, a geosynthetic clay liner (GCL), topsoil and seeded. Approximately 40,000 cubic yards of soil were excavated and stabilized. Successful treatment of the contaminants in the soil was monitored through testing to determine the leachability of the treated material. The treatment of the contaminated soil involved the addition of two reagents designed to stabilize the contaminants once mixed into the soil. This prevents the contaminants from leaching from the soil in the future and contains them to the disposal site in the monolith. The design for the treatment operation was developed by Black & Veatch prior to the start of the project, and was implemented by DNT.

DNT employed three main subcontractors for this project. WRScompass performed the operation of the pugmill equipment for the treatment of the soil. Glenn T. Warren Company, a local contractor, assisted DNT in the excavation operations. Brantley Engineering performed the QC operations related to the GCL manufacture and installation. DNT performed as the prime contractor to Black & Veatch for the overall management of the project, and developed all of the project related plans and documentation as well as management of the overall project schedule and quality assurance and control.

