



## PROJECT DATA SHEET

Project Name: Tar Creek Superfund Site      Project Number: 813112, 813643  
Contract Title: Remedial Action for the Source Material Operable Unit (OU4) at the Tar  
Creek Superfund Site

Contract No.: EP-W-06-021      Contract Type: Firm Fixed Price  
Project Value: \$1,370,133.73      Location: Ottawa County, OK

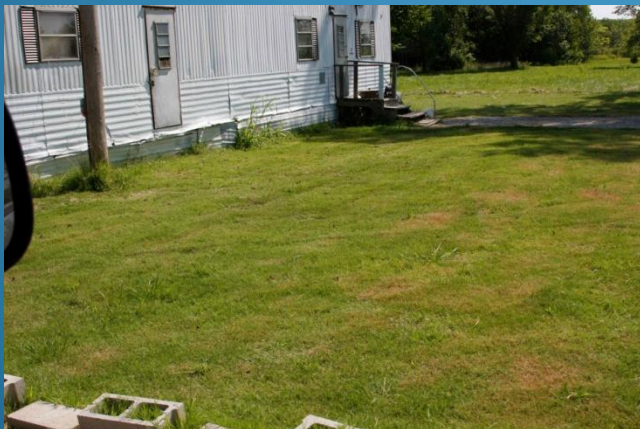
### CLIENT(S):

Name: CH2M Hill Constructors, Inc.  
Address: 1000 Abernathy Rd., Suite 1600, Atlanta, GA 30328  
POC: Srini Dasappa, (678) 530-4434, [srini.dasappa@ch2m.com](mailto:srini.dasappa@ch2m.com)

Name: EPA Region VI  
Address: 1445 Ross Avenue, Suite 1200, Dallas, Texas 75202  
POC: Ursula Lennox, (214) 665-6743, [lennox.ursula@epa.gov](mailto:lennox.ursula@epa.gov)

### PROJECT DESCRIPTION:

This project involved remediation of an EPA Superfund Site. The Tar Creek Oklahoma Superfund Site Operable Unit 4 covers a large portion of Ottawa County in Oklahoma, including the towns of Picher, Cardin and Quapaw. The entire area is the site of decades of mining for lead that ended in the 1970s and left the land scarred with the presence of millions of tons of chat (small, gravel-like remnants from lead mining activities) and larger mining rock. These mining remains often contain lead above the concentration determined by the EPA to be safe to the environment and human health. The US EPA





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### PROJECT DESCRIPTION (continued):

Region 6 contracted CH2M HILL, the EPA RAC contractor, to oversee the design and remedial action for this project. CH2M HILL solicited proposals for various packages of work at the site. DNT was contracted to perform remedial action at two residential properties and three other agricultural properties.

The remediation of the residential properties involved the removal of the soil in the yard to a one foot depth, including any visible chat such as driveways. The excavated area was sampled for confirmation of satisfactory removal, backfilled with clean fill and topsoil, and restored with the placement of sod.

The other three properties in this contract contained large piles of chat and larger rock left over from the mining operations. DNT was required to build roadways into the location of the property containing the chat sufficient to haul the material with dump trucks. The material was then loaded into trucks and hauled to a central repository location for disposal. The soil beneath the chat was then excavated to the required depth where confirmation sampling confirmed the satisfactory removal of the contaminants. The areas were graded for positive drainage and restored with the planting of native grass.

In addition to the removal of the chat and other contaminated material, DNT was required to utilize some of the onsite material to fill some of the abandoned mine shafts and other subsidence features that were present on the sites. The material was placed into the shafts until full, monitored for a period of time for settling, and then capped and covered with vegetation.

