Abandoned Mine Reclamation Program
PROJECT SUMMARY

OIL, GAS & MINING

PONDTOWN CREEK – II PROJECT
Carbon County, Utah

AMR/007/936

Project Location and Background

The Pondtown Creek Abandoned Mine Reclamation project site is located approximately 2.7 miles northwest of Scofield Reservoir in Carbon County. Coal mining occurred periodically at the project site from the 1870's to the early 1940's. There are five collapsed portals and 5 coal waste/refuse piles located in several locations along both sides of the stream and main access road leading into the mine site.

The AMRP conducted some low cost, experimental, hand stabilization and revegetation work at this site in 1992. That stabilization effort was not successful. A subsequent site investigation conducted in Sept/October 2009 found some of the buried and reseeded coal piles along the stream had eroded into the stream channel.

The eroding coal waste was determined to pose an environmental problem to the stream and reservoir if left in place. The largest waste coal pile (WP1) measuring ~ 600 feet long by 30 feet wide was located in front of the collapsed mine portals along a benched terrace above the south side of the stream. Coal waste reached a thickness of 8 feet in one location. Four other coal waste areas were located on the north side of the stream. Coal waste ranged from approximately 2 to 9 feet thick. Surficial coal waste contamination (typically <6 inches thick) was found in several locations along the 1900-foot access road corridor.

The AMRP in the Division of Oil, Gas and Mining, Utah Department of Natural Resources was created in 1983 to address physical safety hazards associated with abandoned mines as authorized by the Surface Mining Reclamation and Control Act (SMCRA) of 1977. The Program is funded by The Utah Coal Producers who pay an abandoned mine reclamation fee to the Office of Surface Mining (OSM) on each ton of coal mined in Utah.

Land Owner: United States Forest Service
General Contractor: Kent Bethers Construction
AMRP Project Manager: D. Wayne Hedberg
AMLIS Key: UT000067
Funding: OSM Grant

UTAH DNR
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PONDTOWN CREEK – II CONSTRUCTION SUMMARY, 2012

Reclamation work was conducted during the Fall of 2012 by Kent Bethers Construction . It included excavation and on-site burial of approximately 4953 cubic yards (cy) of coal refuse material contained in 5 waste piles (WP's) as well as site regrading, stream bank stabilization and revegetation. Refer to Table 1 below for a summary of the major work items completed.

Work Item	Work Description
WP1	Removed 2,900 cy coal refuse. Regraded and revegetated 0.8 acres (ac).
WP2	Removed 403 cy coal refuse. Regraded and revegetated 0.21 ac.
WP3	Removed 1,474 cy coal refuse. Regraded and revegetated 0.23 ac.
WP4[2]	Removed 88 cy coal refuse. Regraded and revegetated 0.08 ac.
WP5[3]	Removed 88 cy coal refuse. Regraded and revegetated 0.05 ac.
Access Road	Regraded and revegetated 0.4 ac (1,900 feet long) access road. Blocked site access with timbers and boulders. Constructed 0.076 ac gravel parking area.
Disposal Cell	Constructed 4,724 cy, 0.56 ac subgrade disposal cell.
Debris Disposal	Removed 7 cy debris (scrap metal, timbers, etc.) from site.
Sitewide Revegetation	Disturbed areas including the WPs, disposal cell, access routes, material stockpiles, and staging areas were either broadcast seeded and hydromulched (1.53 ac) or broadcast seeded and covered with erosion control blanket (0.80 ac). Erosion control blanket was placed on WP-1 and within 3 vertical feet of the Pondtown Creek channel bottom. Approximately 600 willow cuttings were planted in disturbed riparian areas along Pondtown Creek (approximate total length: 170 feet).
Streambank Restoration	Regraded an approximately 20-foot long portion of Pondtown Creek as part of installation/removal of a temporary culverted stream crossing.

Pondtown Creek – II Project:

4,953 CY waste coal excavated & buried in onsite disposal cell

Completed: Fall 2012

Construction Cost: $130,254
Funding: OSMRE