



Abandoned Mine Reclamation Program PROJECT SUMMARY

INDIAN-PRICE CANYON PROJECT: LOWER WILLOW CREEK PHASE

Project Location and Background

The Lower Willow Creek Coal Pile was located between US Highway 191 and Willow Creek just east of the creek's confluence with Price River. It was the last of several coal refuse piles dumped along Price River and Willow Creek to be reclaimed by the AMRP, following several projects in the 1980s-90s.

The Lower Willow Creek Coal Pile covered about two acres of floodplain.

The reclamation coincided in time with the decommissioning and demolition of the nearby Carbon power plant (PacifiCorp). This, plus the earlier reclamation of Plateau Mining Co.'s Willow Creek mine meant that all energy-related disturbance in the Castle Gate vicinity was reclaimed.



Pre-reclamation overview (7/13/12)

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.

Carbon County, Utah

AMR/0007/941



Coal refuse excavation



Owner:
Plateau Mining Co.

Engineering/Design:
AECOM

General Contractor:
Harrison Oilfield Services

AMRP Project Manager:
Chris Rohrer



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Indian-Price Canyon Project: Lower Willow Creek Phase -- Construction Summary

Harrison Oilfield Services of Moab, Utah, was awarded the contract for the project. The work included excavation and removal of coal refuse down to a 3h:1v slope. Subcontractor Savage Industries trucked the coal to the Sunnyside Cogeneration Plant for recovery of energy values. The remaining coal refuse was covered with geotextile and capped with three feet of clean soil imported from Price Canyon. Other work included demolition of an above-ground pipeline, construction of three riprapped ditches to carry runoff, and revegetation.

Below: Pre-reclamation (7/13/12) and post-reclamation (5/2/17) views of the Lower Willow Creek Coal Pile site.



PROJECT HIGHLIGHTS:

Project Cost: Bid Amount \$313,116.15
Final Amount **\$310,274.38**

Change Orders: 1 – (\$2,841.77)
deleted tasks not required
& minor quantity adjustments

Project Dates: Start: October 31, 2016
Suspend: December 22, 2016
Resume: April 3, 2017
Finish: April 12, 2017
41 Work Days
69 Calendar Days



Accomplishments: Structures Demolished: 1
Debris Removed to Landfill: 70 tons
Asphalt Salvaged: 705 cy
Coal Refuse Salvaged: 12,096 tons
Topsoil Imported: 9,344 cy
Streambank Protected: 500 ft
Revegetation: 1.9 acres

**Indian-Price Canyon Project:
Lower Willow Creek Phase
AMLIS Key: UT000012
Construction Cost: \$310,274.38**