



State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Technical Analysis and Findings

Utah Coal Regulatory Program

October 5, 2017

PID: C0070035
TaskID: 5514
Mine Name: SUNNYSIDE REFUSE & SLURRY
Title: EAST ACCESS ROAD W

Operation Plan

Topsoil and Subsoil

Analysis:

The application meets the requirement of R645-301-233, because the public access road W is temporary and there will be no off-road travel across the borrow area (cover letter, incoming file 9122017.5514). The road will be reclaimed at reclamation. The reclamation plan is described. (Chapter 9, & 10).

Soil borrow areas are identified on drawing 5-1. Proposed road W will cross the 22 acre reclamation borrow area 1 diagonally on the SE side of the permit area. Road W will be 900 ft long. The road will bring vehicles to the base of a ridge on the SE side of the permit area. The road elevation begins at an elevation of 6525 and climbs to 6550 ft. This road must necessarily be a temporary road, because at that time Borrow Area 1 will provide 745,844 CY of soil (MRP, p. 200-4). The physical and chemical evaluation of the borrow area soils in accordance with R645-301-233 was completed in Appendices 2-5, 2-8 and 2-9. Redistribution of borrow area soils is described in MRP Chapter 9 and 10. The final contour of Borrow Area 1 is shown on Plate 10-6. The location of the access road will be lowered approximately 25 feet on the SE side of the borrow area and the climb to the ridge will be steeper than it is currently.

Access through the permit area is already available by traveling 600 ft S on road B from the proposed beginning of road W to road K and thence 450 East to exit the permit area. The diagonal road W will shorten the exit from the permit area by 150 ft and land the vehicle in approximately the same vicinity, but on top of the ridge.

Road W will not affect the borrow area topsoil stockpile which holds 651 CY adjacent to the N end of Road B.

pburton

Hydrologic Diversion General

Analysis:

The application meets the State of Utah R645 requirements for Hydrologic Diversions General.

The Permittee has updated the MRP language to reflect the addition of Road W haul road and the BOR-C1 24" culvert. The MRP includes culvert design and the culvert will include a trash rack on the upstream side to prevent the functions of the sediment control structures from becoming impaired due to debris from the drainage area.

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