

I.I.C PLACEMENT AND HANDLING OF MATERIALS

UMC 784.13(b)(7), UMC 817.89

Non-coal waste materials, which may be acid-forming, toxic-forming, or a fire hazard, are temporarily stored in a small area (approx. 800 ft²) dug into the side of the hill in the area south of Quitchupah Creek. This storage area is coded 34 on Plate II-2. The materials are then hauled to a private landfill which is not controlled by Consol.

This containment area is not within eight (8) ft. of a coal outcrop or coal storage area. Fires are prevented and would easily be detected and extinguished if they did occur. Fire hydrants and extinguishes are located at key positions around the surface facilities area. The area is within the approved surface drainage control system.

UMC 784.19, UMC 817.71-.74

EXISTING COAL MINE WASTE DISPOSAL SITE

The existing Coal Mine Waste pile is located in the northern portion of area 31, Plate II-1. This pile will remain active for the life of mine. This pile has an active MSHA Coal Refuse ID No.1211-UT-09-00079-01. The MSHA permit granted an initial exemption from the 2 foot compaction requirement, and allows for only lateral extension of the pile in 2 foot compacted lifts in the future. The additional underground development waste that will be placed on the pile will come from future U/G overcast development. The volume will not exceed 600 cu.yds., and will be sampled for acid/toxic parameters and included in the annual report. This will bring the capacity of the Coal Mine Waste Pile to 37,600 cu.yds. The material will be placed in less than 2 foot lifts and compacted per 30 CFR Part 77.215. This material will be moved to the Proposed Permanent development waste disposal site within 12 months after cessation of mining. Consol has entered into an agreement with Covol Engineered Fuels LLC to haul the existing coal mine waste to their DOGM permit pending site in Wellington Utah for processing and sale. The Covol site is currently under SCMRA bond, and the permit is under review by DOGM. The operation will consist of a scalping screen to size the material on site and a front end loader to load onto over the road trucks. This operation will be completed within a two week period. The oversize material that remains on the Consol site will be re-compacted and tested for compaction per Consol's MSHA permit. No new disturbance is anticipated. We estimate that the piles volume will be reduced by as much as 80%.

PERMANENT DEVELOPMENT WASTE DISPOSAL SITE

A Permanent Development Waste Disposal Site for underground development waste will be constructed on the hilltop adjacent to the northwest coal stockpile. The area has been disturbed previously by removing a gravel subsoil layer for use as fill material outside the mine area and more recently for the base of the coal stockpile. This created borrow pits on both sides of the access road.

The 4.3 acre site will be developed in two stages, with the area south of the road used first. The existing pit will be enlarged by removing gravel down to the underlying blue gate shale, if necessary, to provide sufficient storage volume. The excavated material will be stockpiled on the north side of the road to be used as non-toxic cover material over the waste, Any excess excavated material will be placed in the bermed depression on the west side of the office-warehouse building.

File in:

Confidential

Shelf

Expandable

Refer to Record No. 0043 Date 07232008
In CD150015, 2008, Incoming
For additional information

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Revised 2/08

Revised 7/08

A safety berm will be constructed on the south side of the access road as the pit advances toward the road. The road will be temporarily relocated to the north to allow for disposal underneath. It will be returned to its original location and grade after that part of the disposal site is filled. The north portion of the site will then be developed.

Initially, the site will be used to bury wastes presently stored on the northwest coal stockpile base. Wastes will be placed and compacted using tracked and rubber tired equipment. Reclamation will be conducted as described in Chapter III, Drainage for the site is controlled by existing sedimentation ponds, Refer to CH VI. Design details and site surveys are contained in Chapter IV