

0042

Incoming
C0410002
#3370
Q

From: "Davis, Mike" <MDavis@archcoal.com>
To: "April Abate" <APRILABATE@utah.gov>
CC: <jimdsmith@utah.gov>, <davedarby@utah.gov>, <priscillaburton@utah.gov>
Date: 9/2/2009 8:07 AM
Subject: Sufco Sediment Overflow Pond 2nd Submittal Pages
Attachments: Page 5-75.PDF; Page 5-68A.PDF; MRP Sed Overflow Pond.2nd Submittal.ltr.PDF

April,

Sorry that I forgot to include pages 5-68A and 5-75. Attached are the two missing pages and a copy of the complete submittal with these two pages included. Please include them with the submittal.

Thanks,

Mike

***** Email Disclaimer *****

The information contained in this e-mail, and in any accompanying documents, may constitute confidential and/or legally privileged information. The information is intended only for use by the designated recipient. If you are not the intended recipient (or responsible for delivery of the message to the intended recipient), you are hereby notified that any dissemination, distribution, copying, or other use of, or taking of any action in reliance on this e-mail is strictly prohibited. If you have received this e-mail communication in error, please notify the sender immediately and delete the message from your system.

Proposed post-reclamation contours of the East Spring Canyon site are presented in Plate 5-3A&B. Analyses presented in Appendix 2-4 indicate that the fill under this configuration will have a minimum static safety factor against failure of 1.51.

Backhoes, loaders, dozers, and other appropriate earthmoving equipment will be used to regrade the southern slope. Material removed from the southern slope will be backfilled as described below to reduce cut slopes in the mine yard and achieve the final surface configuration presented on Plate 5-3A&B.

Primary Sedimentation Pond, Overflow Pond and Dam Removal and Interim Sediment Control. The existing primary sedimentation pond at the base of the mine-yard fill slope will be removed to allow construction of the main reclamation stream channel. All of the fill material from the pond and the dam west of the reclamation channel will be removed. This material will be used as fill in the mine-yard area as needed to reduce final slope grades. The pond and dam fill material east of the reclamation channel will be cut back to a 2H:1V slope above the rock channel. The regrading plan for the overflow pond will be to reclaim the area for its entire length. The pre-existing slopes and channel for the overflow pond area will be restored to the extent possible and in accordance with Approximate Original Contour regulations using all the fill material stored in the dam. Topsoil from the overflow pond topsoil storage pile will be redistributed over the newly restored slopes. Removal of the primary sedimentation pond, overflow pond and dam will be accomplished using backhoes, loaders, dozers, and other appropriate earthmoving equipment.

Immediately following removal of the sedimentation pond and dam, silt fences will be installed for interim sediment control at the locations noted on Plate 5-3A&B to control erosion prior to revegetation success. Immediately following removal of the overflow pond and dam, silt fences will be installed for interim sediment control at locations below the area to control erosion prior to revegetation success. These silt fences will be installed as noted in Figure 5-3. In addition to silt fences, straw-bale dikes may be installed on a temporary basis as necessary to control localized erosion prior to the establishment of revegetation efforts. If installed, locations of the straw-bale

Final surface configuration maps and cross sections for the East Spring Canyon site are provided on Plates 5-3A&B and 5-4, respectively. The primary access road to the mine yard will be removed at the permit boundary. Existing public access roads within the permit area will remain following reclamation. No facilities related to the coal mining operations will remain in the permit area following reclamation. Information regarding the final surface configuration of the waste-rock disposal site is provided in Volume 3.

5.4.2.4 Removal of Temporary Structures

All surface structures associated with the mining operation will be removed as outlined in Section 5.4.2.2. A description ensuring that all structures and sedimentation ponds have been removed will be provided to the UDOGM before seeking bond release or abandoning the permit area.

5.4.2.5 Removal of Sedimentation Ponds

Information regarding removal of **primary** sedimentation ponds and **overflow pond** associated with the SUFCO Mine is provided in Section 5.4.2.2 for the East Spring Canyon facility and in Volume 3 of this M&RP for the waste rock disposal site. The timetable for removal of the minesite ponds is indicated in Figure 5-2.

5.4.2.6 Roads

The primary mine access road will be reclaimed beginning at the guard shack at the entry to the mine yard. This road will be regraded by removing any remaining asphalt, removing fill from beneath the road to the natural ground surface, and placing the fill against the adjacent cut slope. Placement and compaction of the backfill material will be as indicated in Section 5.2.4.2.

Proposed reclamation contours following closure of the mine access road are presented in Plate 5-3A&B. The roadside culvert referred to as Pipe No. 5 (see Chapter 7) that exists immediately south of the guard shack will be retained for runoff control along the unreclaimed portion of the road.