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cc: Mary Ann

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c/007/013

DATE: May 21, 2001
TO: Dave Darby-UDOGM
FAX: 801-359-3940
FROM: Tom Paluso *Tom*
SUBJECT: Disturbed Acreage

NUMBER OF PAGES INCLUDING COVER SHEET: 3

Enclosed are two sheet from the Lila PAP with the revised disturbed acreage, as per my discussion with Periscilla and you. I believe this solves the problem of the acreage discrepancy. Page 11 goes in Chapter 2 and page 1 goes into Appendix 5-8. I have also talked with Wayne and Periscilla about these changes. I am sending you the corrected pages for insertion into the MRP.

Please call me if you would like to discuss this matter.

Reclamation and Enhancement Plan Associated with the Lila Canyon Mine Site**I. Description of Existing Area**

The Lila Canyon Mine constitutes a disturbance of approximately 48.23 acres. For the purpose of reclamation, the total area is divided into two units. The upper unit consists of the water treatment area and the portal pad (Approximately 3.4 acres). The lower unit consists of the majority of the facilities; bath house, parking, shop, and coal handling structures (approximately 37.37 acres, See Plate 5-2 Surface Facilities). In addition to the above, there is a spoil/refuse disposal area and a sediment pond. The pond is the only structure that will remain through phase 2 bond liability.

This new disturbance constitutes a loss of approximately 40 acres of critical high value big game winter range. In addition, it distracts from the general aesthetics of the upper reaches of Lila Canyon.

The following reclamation plan is designed to rehabilitate this area to such a degree that the appearance would be aesthetically compatible with the adjacent undisturbed area and reestablish a desirable and diverse vegetative cover that will enhance wildlife habitat and domestic grazing.

II. Demolition and Clean Up

After abandonment the area will be cleared of all mine related material and structures. The majority of the coal handling equipment; belt lines, conveyors, and some of the metal fab buildings, will be sold as used equipment and removed prior to demolition. The balance of the structures will be demolished utilizing heavy equipment such as; dozers, loaders, trackhoes, various shears for steel dismantling etc. The trash (non metal, non concrete material) will be removed from the site and hauled to an approved land fill. Any contaminated soil or debris, such as coal refuse, that has petroleum additives would be hauled to an approved disposal site. The balance of the non-combustible, non-ferrous debris such as concrete would be buried on site.

All material with salvage value would be removed by a licensed salvage company.

III. Reclamation Plan

Following the cessation of mining, the portal cuts can be brought back to approximate original contours.

Earthwork

AVAILABLE SOIL RESOURCES

Map Unit	Potential Salvage Depth In.	Potential Acres	Potential Estimated Volume YD3	Actual Salvage Depth In.	Actual Salvaged Acres	Actual Salvaged Top Soil YD3
SBG	48	11.83	76343	18	11.12	26910
VBJ	30	9.62	38801	18	4.46	10793
XBS	12	12.09	19505	12	4.77	7696
DSH	40	1.56	8389	18	1.39	3364
RBL	8	9.34	10046	8	2.56	2753
RBT	6	3.79	3057	6	0.76	613
TOTAL		48.23	156141		25.06	52129
Bank to Loose Cubic Yards *1.18 (Amount topsoil pile is designed to hold.)						(1) 61512.00

(1) An additional 800 yd³ will come from the access road around the topsoil pile. This material will be placed in the berm around the topsoil pile.

The actual topsoil salvage will consist of removing a surface layer up to 18 inches thick over the disturbed area. If shale is encountered within 18 inches only the soil above the shale will be salvaged. (Plate 2-3). This would cover about 25 acres where soil would be salvaged and stored in the topsoil stockpile.

Total volumes of soil stored in the topsoil pile would be approximately 52,000 bank cubic yards. Removal of stones and boulders would be considered in volume estimates where they are part of the soil layer removed.

The stockpile has been sized to allow for bulking or swell of the soil as it is removed from the bank state to the loose state. A bulking number of 1.18 has been used. The area allowed for topsoil storage is 52,000 bank cubic yards *1.18 which equals 61,000 loose cubic yards to be placed on the topsoil pile.