

# COOP MINING COMPANY

0031

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August 4, 2001

Coal Program  
Utah Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

To Whom It May Concern,

*[Handwritten signature]*  
*[Handwritten signature]* - AM01A

**Re: Ballpark drainage RC-BP1, Bear Canyon Mine, ACT/015/025, Emery County, Utah**

Enclosed are three DRAFT copies of a response to AM01A Technical Analysis dated May 4, 2001. The cut and fill volumes in appendix 3L have been revised to clarify the volume of material which will be moved during reclamation. The amount of available substitute topsoil has been determined and summarized in chapter 8 to show that the topsoil material stored at the ballpark is not needed.

If you have any questions, please call Charles Reynolds at (435) 687-5238.

Thank You,

*Wendell Owen*

Wendell Owen  
Resident Agent

Enclosure(s)

RECEIVED

AUG 06 2001

DIVISION OF  
OIL, GAS AND MINING

# APPLICATION FOR PERMIT PROCESSING

<input type="checkbox"/> Permit Change	<input type="checkbox"/> New Permit	<input type="checkbox"/> Renewal	<input type="checkbox"/> Transfer	<input type="checkbox"/> Exploration	<input type="checkbox"/> Bond Release	Permit Number: ACT/015/025
Title of Proposal: Ballpark drainage RC-BP1/Appendix 3-L						Mine: BEAR CANYON MINE
						Permittee: CO-OP MINING COMPANY

Description, include reason for application and timing required to implement:

Drainage design is to protect ballpark from offsite water flows, and to update the topsoil use description in preparation for bond release.

**Instructions:** If you answer yes to any of the first 8 questions (gray), this will be a Significant Revision and will require Public Notice.

<input type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease
<input type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO # _____
<input type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
<input type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
<input type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> No	6. Does the application require or include public notice/publication?
<input type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
<input type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV # _____
<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain: _____
<input type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
<input type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
<input type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
<input type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	15. Does application require or include soil removal, storage or placement?
<input type="checkbox"/> No	16. Does the application require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> No	17. Does the application require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	18. Does the application require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	19. Does the application require or include certified designs, maps, or calculations?
<input type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	21. Have reclamation costs for bonding been provided for?
<input type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
<input type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Attach** complete copies of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Wendell Cluser Res Agent 8/14/01

Signed - Name - Position - Date

Subscribed and sworn to before me this 4<sup>th</sup> day of Aug, 1901.

Claine Crossley

Notary Public

My Commission Expires: 4/1/2002, 1901  
 Attest: STATE OF Utah  
 COUNTY OF Salt Lake



NOTARY PUBLIC  
 CLAIINE CROSSLEY  
 2212 S. State St.  
 Salt Lake City, UT 84115  
 My Commission Expires  
 April 1st, 2002  
 STATE OF UTAH

Received by Oil, Gas & Mining  
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AUG 06 2001

DIVISION OF  
**OIL, GAS AND MINING**  
 ASSIGNED TRACKING NUMBER

## **Response to AM01A Technical Analysis Dated May 4, 2001**

This document outlines the responses to the summary of outstanding deficiencies contained in the Technical Analysis dated May 4, 2001. The responses to the deficiencies are identified by the regulatory reference contained in the TA document. This response is designed to assist the reviewer in identifying the revisions that have been made to address the deficiencies.

### **R645-301-133.100**

On Plate 8-5B, the boundary line on the north west corner of TS-3 runs along Match Line B-B. This was not previously shown on the map. Plate 8-5B now shows this line and it crosses Match Line B-B to match the TS-3 boundary line on Plate 8-5C. In TS-3 the east road boundary did not match when it crossed from Plate 8-5B to 8-5C. The road boundary on Plate 8-5C has been corrected to match the one on Plate 8-5B.

The boundary between TS-4 and TS-5 is along Match Line B-B and is now shown on both plates 8-5B and 8-5C right next to Match Line B-B.

### **R645-301-233.100 and R645-301-241**

The contour lines on plate 3-2C were corrected. Appendix 3-L was updated and rewritten. It now includes detailed cut and fill volume tables and cross-sections for TS-3 through TS-9 (TS designations are shown on Plates 8-5 A-E). Chapter 8 was changed to include the location of substitute topsoil material and the recovery depths. This information is shown in Tables 8.9-2 through 8.9-4. The post mining road in TS-5 was removed from the Re-contour acres in table 8.9-1.

### **R645-301-233.100 and R645-304-542.200**

Appendix 8A identifies the location of the sample drill holes and the depth of material that can be used as substitute topsoil material. Table 8.9-2 has been added summarizing these values and the amount of substitute topsoil material from each area.

**R645-301-512.120 and R-301-542.300 and R645-301-521.140**

Appendix 3-L was rewritten and now corresponds with Plates 3-2. Cross Sections from Appendix 3-L are shown on Plates 3-2.

**R645-301-521.140, -521.150**

Both the disturbed area boundary and the permit area boundary are shown on the current maps. The disturbed area boundary is the thick dashed line with straight spaces. The permit boundary is the thick dashed lined with diagonal spaces. Please see the map Legend. No changes have been made to the MRP to address this issue.

In addition to responding to these deficiencies the bond calculations were also updated and now includes the new volumes calculated in Appendix 3L. These figures can be found on pages 3-83 thru 3-110.

