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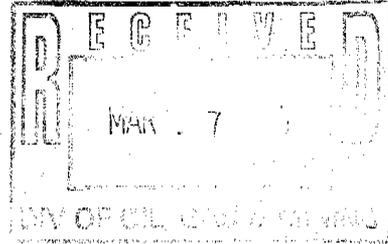


**CYPRUS PLATEAU  
MINING CORPORATION**  
A Cyprus Amax Company

Cyprus Plateau Mining Corporation  
Post Office Drawer PMC  
Price, Utah 84501  
(801) 637-2875

January 29, 1996

Mr. Paul Baker  
Utah Department of Natural Resources  
Division of Oil Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt lake City, Utah 84180-1203



# 2  
007/004

Dear Mr. Baker,

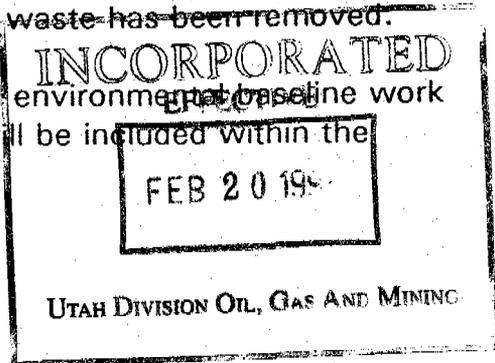
RE: PERMIT AMENDMENT WILLOW CREEK COAL WASTE REMOVAL *REB*

The permit amendment area for the December 27, 1995 amendment (your approval date Dec. 28, 1995) was changed in the field to allow for identification of the in-place coal waste material. We have found considerably more coal waste than originally planned, and more than the Division AML personnel indicated existed at the site. To allow removal of this material while equipment is on site we are proposing to amend the area as shown on the attached maps.

As can be seen on Exhibit 12-5-1 enclosed the additional area needed is small (1.21 acres). This area includes the previous Dec. 1995 amendment area. The area will be excavated by removing the topsoil and placing it on the Willow Creek Mine topsoil stockpile. The disturbed area will be excavated so that the entire area drains into the portal area (Pond 1) with no disturbed flow running off site.

Runoff from the new cut area will flow into the portal cut which has become Pond 1. The drainage area as shown on Exhibit 12-7-3 enclosed will contain 13.41 acres of which 1.21 acres is added with this amendment (including the December, 1995 amendment area). The additional 1.21 acres will add approximately 0.125 acre feet of runoff from a 25 yr 24 hour event using the data from Appendix 12-7-2 (see calculations attached). This small amount of additional runoff will comprise only 8.76% of the capacity of Pond 1 after the coal waste has been removed.

The area of this amendment has been covered by all environmental baseline work for the Willow Creek Mine Permit application, and will be included within the Willow Creek Mine disturbed area.



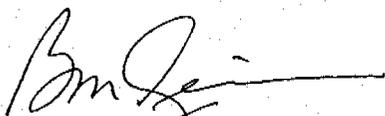
Paul Baker  
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In addition, we have discussed the possibility of storing the excess cut soils and rock materials from the pad area to expose the coal seam on the bank adjacent to the portal area as shown on the attached map Exhibit 12-5-1. You indicated that you had no concerns with this since the area is included within the existing permit area boundary. Since we will need to fill the hole created by removal of the additional coal waste material in the substation area we would like to use the soils and rock cut material as fill for the substation in the area shown on Exhibit 12-5-1. This amendment includes both of these areas.

We have taken soils samples of the cut material as directed. The samples are being analyzed for topsoil suitability parameters to evaluate whether the coal waste that was on top of the area influenced the quality of the soils and rock material. Results of this testing will be forwarded to the Division as soon as it is received from the laboratory.

We need a decision on this amendment as soon as possible to allow the work to be done under this phase of the project since we are wrapping up the coal waste removal project.

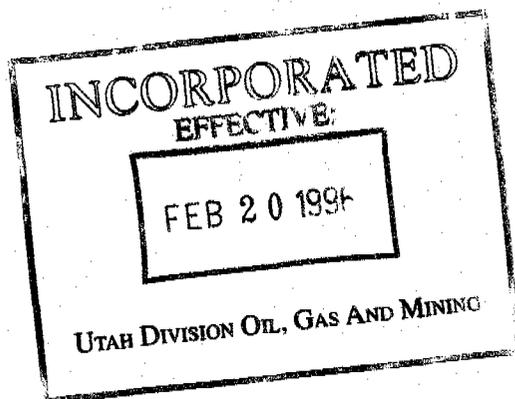
Respectfully,



Ben Grimes  
Sr. Staff Project Engineer

#### Attachments

File: WCENV 2.5.2.12.1  
Chron: BG960117



## REVISION TO PERMIT AREA

FROM APPENDIX 12-7-2

POND 1 DESIGNED FOR 25 yr 24 hr EVENT

STORAGE REQUIRED 1.25 ACRE FEET

DRAINAGE AREA (ORIGINAL) = 12.2 ACRES

$$\frac{1.25 \text{ AC FT}}{12.2 \text{ AC}} = 0.103 \text{ AF/AC}$$

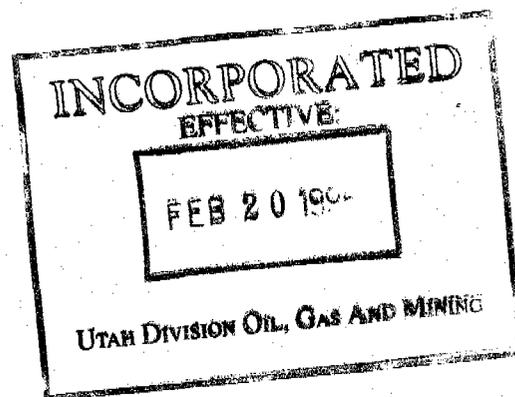
AREA OF ADDITIONAL DRAINAGE = 1.21 ACRES

$$\therefore 1.21 \text{ AC} \times 0.103 \text{ AF/AC} = 0.125 \text{ AF}$$

$$\text{ORIGINAL STORAGE } 1.25 \text{ AF} + 0.125 \text{ AF} = 1.375 \text{ AF}$$

POND 1 CAPACITY AFTER COAL WASTE REMOVAL = 15.7 AC FT

★ ADDITIONAL RUNOFF AND ORIGINAL RUNOFF (1.375 AF)  
IS 8.76% OF CAPACITY OF POND.



## PERMIT CHANGE TRACKING FORM

- Significant Permit Revision
- Permit Amendment
- Incidental Boundary Change

|  |                           |                 |                   |
|--|---------------------------|-----------------|-------------------|
| DATE RECEIVED <b>Jan 30, 1996</b>  | By: <b>PBB</b> (initials) | PERMIT NUMBER   | ACT/007/004       |
| Title of Proposal: <b>Substation Refuse Removal</b>                      |                           | PERMIT CHANGE # | <b>96B</b>        |
| Description: <b>Increase size of Willow Creek Refuse Removal Project</b> |                           | PERMITTEE       | AMAX COAL COMPANY |
|  |                           | MINE NAME       | CASTLE GATE MINE  |

|   |          |           |   |
|---|----------|-----------|---|
| <input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION                       | DATE DUE | DATE DONE | RESULT  |
| <input type="checkbox"/> Notice of Review Status of proposed permit change sent to the Permittee.   |          |           | <input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED |
| <input type="checkbox"/> Responses Received.  |          |           | COMMENTS  |
| <input type="checkbox"/> Notice of Affidavit of Publication. (If change is a Significant Revision.) |          |           |   |

| REVIEW TRACKING  | INITIAL REVIEW |      | MODIFIED REVIEW |      | FINAL REVIEW AND FINDINGS |      |
|--|----------------|------|-----------------|------|---------------------------|------|
| DOGM REVIEWER  | DUE            | DONE | DUE             | DONE | DUE                       | DONE |
| <input checked="" type="checkbox"/> Lead <span style="float: right;"><i>Pau</i></span> |                |      |                 |      |                           |      |
| <input type="checkbox"/> TA (See Attached)   |                |      |                 |      |                           |      |
| <input type="checkbox"/> Reviewers   |                |      |                 |      |                           |      |
| <input type="checkbox"/> Administrative (AVS)  |                |      |                 |      |                           |      |
| <input type="checkbox"/> Biology   |                |      |                 |      |                           |      |
| <input type="checkbox"/> Engineering   |                |      |                 |      |                           |      |
| <input type="checkbox"/> Geology   |                |      |                 |      |                           |      |
| <input type="checkbox"/> Soils   |                |      |                 |      |                           |      |
| <input type="checkbox"/> Hydrology   |                |      |                 |      |                           |      |

| COORDINATED REVIEWS                                   | SENT | DUE | RECEIVED | SENT | DUE | DONE |
|---|------|-----|----------|------|-----|------|
| <input type="checkbox"/> OSMRE                        |      |     |          |      |     |      |
| <input type="checkbox"/> US Forest Service            |      |     |          |      |     |      |
| <input type="checkbox"/> Bureau of Land Management    |      |     |          |      |     |      |
| <input type="checkbox"/> US Fish and Wildlife Service |      |     |          |      |     |      |
| <input type="checkbox"/> US National Parks Service    |      |     |          |      |     |      |
| <input type="checkbox"/> UT Environmental Quality     |      |     |          |      |     |      |
| <input type="checkbox"/> UT Water Resources           |      |     |          |      |     |      |
| <input type="checkbox"/> UT Water Rights              |      |     |          |      |     |      |
| <input type="checkbox"/> UT Wildlife Resources        |      |     |          |      |     |      |
| <input type="checkbox"/> UT State History (SHPO)      |      |     |          |      |     |      |
| <input type="checkbox"/> State Trust Lands            |      |     |          |      |     |      |

|   |  |   |
|---|--|---|
| <input type="checkbox"/> Public Notice / Comment / Hearing Complete. (If the permit change is a Significant Revision) |  | <input type="checkbox"/> Permit Change Approval Form signed and approved effective as of this date.<br><input type="checkbox"/> Permit Change Denied. |
| <input type="checkbox"/> Copies of permit change marked and ready for MRP.  |  | <input type="checkbox"/> Notice of <input type="checkbox"/> Approval <input type="checkbox"/> Denial to Permittee.                                    |
| <input type="checkbox"/> Special Conditions/Stipulations written for approval.  |  | <input type="checkbox"/> Copy of Approved Permit Change to File.  |
| <input type="checkbox"/> TA and CHIA modified as required.  |  | <input type="checkbox"/> Copy of Approved Permit Change to Permittee.   |
| <input type="checkbox"/> Permit Change Approval Form ready for approval.  |  | <input type="checkbox"/> Copies to Other Agencies and Price Field Office.   |

# APPLICATION FOR PERMIT CHANGE

Title of Change:

Permit Number: ACT/007/004

Mine: Castle Gate Mine

Permittee: AMAX Coal Company

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

- |                              |                             |   |
|------------------------------|-----------------------------|---|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.    |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?                                       |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 4. Will permit change include operations in hydrologic basins other than currently approved?                                  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?                       |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 6. Does the permit change require or include public notice publication?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 7. Does the permit change require or include ownership, control, right-of-entry, or compliance information?                   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 8. Permit change as a result of a Violation? Violation # _____  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 9. Permit change as a result of Division Order? D.O. # _____  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 10. Permit change as a result of other laws or regulations or policies? Explain: _____  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 11. Does the permit change affect the surface landowner or change the post mining land use?                                   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 12. Does permit change require or include collection and reporting of any baseline information?                               |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?                     |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 14. Does permit change require or include soil removal, storage or placement?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities?                          |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 16. Does permit change require or include construction, modification, or removal of surface facilities?                       |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 17. Does permit change require or include water monitoring, sediment or drainage control measures?                            |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 18. Does permit change require or include certified designs, maps, or calculations?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 19. Does permit change require or include underground design or mine sequence and timing?                                     |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 20. Does permit change require or include subsidence control or monitoring?   |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 21. Have reclamation costs for bonding been provided for any change in the reclamation plan?                                  |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?                |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No | 23. Is this coal exploration activity?  |

Attach 12 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

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.

Signed - Name - Position - Date \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Notary Public

My Commission Expires: \_\_\_\_\_, 19\_\_\_\_ )  
Attest: STATE OF \_\_\_\_\_ ) ss:  
COUNTY OF \_\_\_\_\_ )

Received by Oil, Gas & Mining

ASSIGNED PERMIT CHANGE NUMBER \_\_\_\_\_