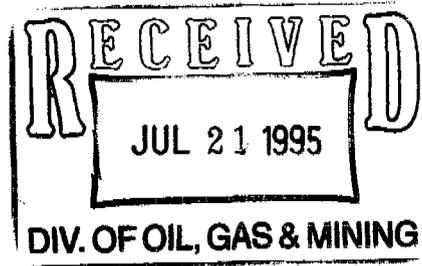


0021



**EarthFax**

EarthFax  
Engineering Inc.  
Engineers/Scientists  
7324 So. Union Park Ave.  
Suite 100  
Midvale, Utah 84047  
Telephone 801-561-1555  
Fax 801-561-1861



July 21, 1995

Mr. Daron R. Haddock  
Utah Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

*Original to file*

SUBJECT: Permit ~~007/004~~, Technical Review of Refuse Removal Project (Chapter 12)  
ACT/007/004-95B #2  
~~Amax Coal Company, Castle Gate Mine, Carbon County, Utah~~

Dear Mr. Haddock:

*Copy to Amend. file*

Under the direction of Ben Grimes of Cyprus Plateau Mining Corporation, I have enclosed three revised copies of Chapter 12 of the Castle Gate Mine permit. The revisions were compiled in response to your letter dated July 11, 1995.

The following documents are included with this submittal:

- o Notarized Application for Permit Change;
- o Chapter 12 text, tables, and figures;
- o Appendices 12-1-1, 12-7-2, 12-3-2, 12-3-3, 12-4-2, 12-5-5, and 12-7-3;
- o Exhibit 12-6-1, 12-7-1, 12-7-5.
- o Diskette containing ACAD drawings of the site topography, as requested by Wayne Western to be used in reclamation volume determination.

Information previously submitted to address draft comments by UDOGM personnel, is included in this submittal. Appendices and exhibits which are not included with this submittal have not been revised.

Please call myself or Mr. Grimes if you have any questions.

Sincerely,

*Vicky S. Bailey*  
Vicky S. Bailey

cc: Ben Grimes (Cyprus)

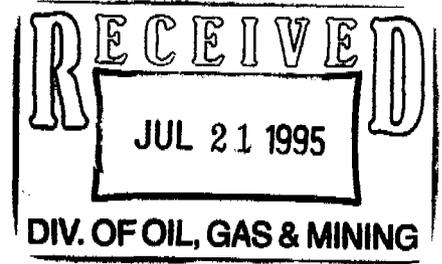
Enclosures

EARTHFAX ENGINEERING, INC.

MEMORANDUM

**Date:** July 21, 1995  
**From:** Tom Suchoski  
**To:** Wayne Western  
**Subject:** Willow Creek CAD Files for Volume Determination

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Attached is a copy of the AutoCAD/SoftDesk CAD File, in ZIP format, for your use in checking the volume determination for the proposed reclamation of the Willow Creek Refuse Removal Project site area. The drawing file contains the topography of the site area with all the refuse being removed and for the proposed reclamation surface. The excavated topography is presented on the layers: PRE-IDX and PRE-INT. The reclaimed topography is presented on the layers: REC-IDX and REC-INT.

If you should have any questions regarding the volume determination, please give me a call.

# APPLICATION FOR PERMIT CHANGE

Title of Change: Revisions to Chapter 12, Willow Creek Refuse Removal Project per Technical Analysis and Findings dated July 11, 1995 (ACT/007/004-95B)

RECEIVED

Permit Number: ACT 007/004

Mine: Castle Gate Mine

Permitted: Amax Coal Company

JUL 21 1995

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

DIV. OF OIL, GAS & MINING

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

Attach 3 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.

*John G. Pappas*  
 Signed - Name - Position - Date  
 John G. Pappas, Notary Public, 7/19/95

Subscribed and sworn to before me this 19 day of July, 19 95  
*John C. Pappas*  
 Notary Public  
 My Commission Expires: 3-7, 19 96  
 Annot: STATE OF UTAH  
 COUNTY OF CARBON

**JOHN G. PAPPAS**  
 NOTARY PUBLIC - STATE OF UTAH  
 1646 EAST CASTLE CIRCLE  
 PRICE, UTAH 84501  
 COMM. EXP. 3-7-98

Received by Oil, Gas & Mining

RECEIVED

JUL 21 1995

DIV. OF OIL, GAS & MINING

ASSIGNED PERMIT CHANGE NUMBER

# Application for Permit Change

## Detailed Schedule of Changes to the Permit

RECEIVED

JUL 21 1995

Permit Number: 007/004  
 Mine: Castle Gate Mine  
 Permittee: Amax Coal Company, Inc.  
 DIV. OF OIL, GAS & MINING

Title of Change: Revisions to Chapter 12, Willow Creek Refuse Removal Project per Technical Analysis and Findings dated July 11, 1995 (ACT/007/004-95B)

Provide a detailed listing of all changes to the mining and reclamation plan which will be required as a result of this proposed permit change. Individually list all maps and drawings which are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise the exiting mining and reclamation plan. Include page, section and drawing numbers as part of the description.

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 12, Text, Tables, and Figures
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Appendices 12-1-1 and 12-7-2
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Appendix 12-3-2, 12-3-3, 12-4-2, 12-5-5, and 12-7-3
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input checked="" type="checkbox"/> REMOVE	Appendix 12-4-1 (Confidential - will be placed in appropriate area for confidential review)
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Exhibit 12-6-1 and 12-7-1
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Exhibit 12-7-5
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input checked="" type="checkbox"/> REMOVE	Appendix 12-1-2
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	
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<input type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	

Any other specific or special instructions required for insertion of this proposal into the Mining and Reclamation Plan?

A diskette containing ACAD drawings of the site topography, as requested by Wayne Western to be used in reclamation volume determination is also included with submittal.