

# PERMIT CHANGE TRACKING FORM

- Significant Permit Revision
- Permit Amendment
- Incidental Boundary Change

DATE RECEIVED <b>2/10/97</b>	By: <b>VB</b> (Initial)	PERMIT NUMBER <b>PRO/007/020</b>	
Title of Proposal: <b>N96-35-1-2</b>		PERMIT CHANGE # <b>97B</b>	
Description:		PERMITTEE <b>HORIZON COAL COMPANY</b>	
		MINE NAME <b>HORIZON MINE</b>	

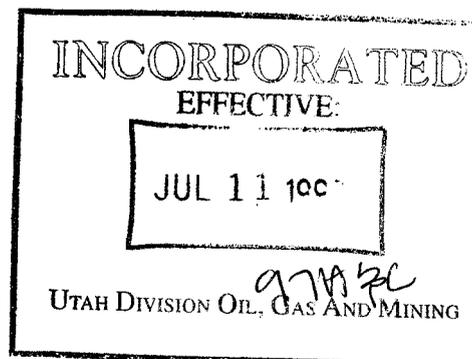
<input checked="" type="checkbox"/> <b>15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION</b>  <input type="checkbox"/> Notice of Review Status of proposed permit change sent to the Permittee.  <input type="checkbox"/> Responses Received.  <input type="checkbox"/> Notice of Affidavit of Publication. (If change is a Significant Revision.)	DATE DUE <b>3/14</b>	DATE DONE <b>3/17</b>	RESULT <input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED
	COMMENTS		

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	DUE	DONE	DUE	DONE	DUE	DONE
<input checked="" type="checkbox"/> Lead <b>SUSAN</b>		<b>3/17</b>				
<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 checked="" type="checkbox"/> OSMRE	<b>3/1</b>	<b>3/14</b>				
<input checked="" type="checkbox"/> US Forest Service						
<input checked="" type="checkbox"/> Bureau of Land Management						
<input checked="" type="checkbox"/> US Fish and Wildlife Service						
<input checked="" type="checkbox"/> US National Parks Service						
<input checked="" type="checkbox"/> UT Environmental Quality						
<input checked="" type="checkbox"/> UT Water Rights						
<input checked="" type="checkbox"/> UT Wildlife Resources						
<input checked="" type="checkbox"/> UT State History (SHPO)						
<input checked="" type="checkbox"/> State Trust Lands						

<input type="checkbox"/> Public Notice / Comment / Hearing Complete. (If the permit change is a Significant Revision)	<b>NA</b>	<input checked="" type="checkbox"/> Permit Change Approval Form signed and approved effective as of this date. <input type="checkbox"/> Permit Change Denied.	<b>4/7/97</b>
<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.	

APPENDIX 3-8  
BURIED WASTE LOCATIONS





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

April 8, 1997

Mr. Brad Bourquin, P.E.  
Horizon Coal Company  
1131 South Dover Street  
Lakewood, Colorado 80232

RE: NOV N96-35-1-2 2/2, Horizon Coal Company, Horizon Mine, ACT/007/020-97B,  
File #3, Carbon County, Utah.

Dear Mr. Bourquin,

The referenced amendment is hereby approved effective April 7, 1997. A stamped approved copy is being sent to Vicky Bailey for incorporation into your approved Mining and Reclamation plan. If you will recall the referenced notice of violation N96-35-1-2 2/2 was terminated on February 4, by Susan White based on submittal of draft maps identifying buried waste locations. The submittal dated February 10, contained finalized maps for insertion into the approved Mining and Reclamation Plan at the division.

Thank you for your participation.

Sincerely,

Joseph C. Helfrich  
Permit Supervisor

tt  
Enclosure

cc: Ranvir Singh, OSM  
Richard Manus, BLM, Price  
Alan Robinoff, BLM, SLC  
Bill Malencik, PFO  
Mark Page, Water Rights, w/o  
Dave Ariotti, Health, w/o  
Bill Bates, DWR, w/o  
Vicky Bailey, EarthFax,  
Susan White, DOGM, w/o  
O:\007020.HZN\DRAFT\APP97B.WPD



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

March 4, 1997

Brad Bourquin, P.E.  
1131 South Dover St.  
Denver, Colorado 80232

Re: NOV N96-35-1-2, Horizon Coal Company, Horizon Mine, ACT/007/020-97B, Folder #2, Carbon County, Utah

Dear Mr. Bourquin:

We have received the above-referenced amendment. Our agency anticipates approving this amendment by March 14, 1997. A copy is available for review at our Salt Lake and Price offices.

If you have any questions please call me 538-5290.

Sincerely,

A handwritten signature in cursive script that reads "Joseph C. Helfrich".

Joseph C. Helfrich  
Compliance Permit Supervisor

tat

cc: Ranvir Singh, OSM  
Richard Manus, BLM  
Alan Robinoff, BLM SLC  
Robert Williams, UFWS  
Mark Page, Water Rights  
Dave Ariotti, Health Dept.  
Bill Bates, DWR  
PFO

**Horizon Coal Corporation  
P.O. Box 2560  
Wise, VA 24273**

February 18, 1997

Mr. Daron Haddock  
Utah Division of Oil, Gas and Mining  
1594 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

**Subject:** Submittal of Permit Changes on February 10, 1997  
Permit No. ACT/007/020  
Horizon Coal Corporation, Carbon County, Utah

Dear Daron,

This letter is to clarify the information submitted on February 10, 1997 to the Price UDOGM office. The information pertaining to Division Order 96A is located in Chapter 3, Pages 3-4 and 3-29, and Plate 3-8. Appendix 3-8 contains the plate showing where waste from previous mining operations is buried (Violation 96-35-1-2). Text concerning buried waste can be found on Page 3-13.

The remainder of the submittal pertains to "Attachment A, Special Conditions to Permit Approval" and current mine conditions.

If you have any questions please call Vicky Bailey at (801) 561-1555. Thank you for your assistance.

Sincerely yours,



Vicky S. Bailey

cc: Bradley J. Bourquin

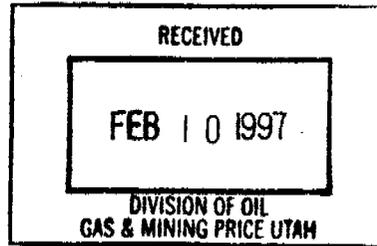
February 10, 1997



**EarthFax**

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

Mr. William Malencik  
Division of Oil, Gas and Mining  
451 East 400 North  
Price, Utah 84501



**Subject:** Horizon Coal Corporation response to "Attachment A, Special Conditions to Permit Approval", Division Order 96A, Violation 96-35-1-2 and updated data addressing current mine conditions.

Dear Bill,

Please find enclosed 6 copies of changes to the Horizon Coal Corporation permit. These changes cover a variety of issues as described in the "Subject Line" above.

Several changes to the permit were made because of our conversations concerning commitments contained within the permit document. The changes were in areas having to do with UDOGM enforcement jurisdiction and the responsibilities of various governments agencies to enforce the commitments described in the permit.

Duplications in the text were also eliminated, to prevent confusion in the future.

If you have any questions please contact me at (801) 561-1555.

Sincerely yours,

Vicky S. Bailey

cc: Brad Bourquin

Post-it® Fax Note	7671	Date	2-10-97	# of pages	3
To	Susan White	From	Vicky Bailey		
Co./Dept.		Co.			
Phone #	Submitted	Phone #	here at		
Fax #		Fax #	PFO.		

02/07/97 08:45

FAX 801 561 1861

EARTHFAX ENG.

002

File Folder # 3

Form DOGMD - 01 (Last Revised 6/95)

# APPLICATION FOR PERMIT CHANGE

Title of Change: Horizon Coal Corporation response to "Attachment A, Special Conditions to Permit Approval", Division Order 96A, Violation 96-35-1-2 and updated data addressing current mine conditions.

Permit Number: ACT 007/020

Mine: Horizon Mine

Permittee: Horizon Coal Corporation

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

- Yes  No 1. Change in the size of the Permit Area? \_\_\_\_\_ acres  increase  decrease.
- Yes  No 2. Change in the size of the Disturbed Area? \_\_\_\_\_ acres  increase  decrease.
- Yes  No 3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
- Yes  No 4. Will permit change include operations in hydrologic basins other than currently approved?
- Yes  No 5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes  No 6. Does permit change require or include public notice publication?
- Yes  No 7. Permit change as a result of a Violation? Violation # 96-35-1-2
- Yes  No 8. Permit change as a result of a Division Order? D.O.# 96A
- Yes  No 9. Permit change as a result of other laws or regulations? Addresses "Special Conditions to Permit Approval"
- Yes  No 10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
- Yes  No 11. Does the permit change affect the surface landowner or change the post mining land use?
- Yes  No 12. Does permit change require or include collection and reporting of any baseline information?
- Yes  No 13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?
- Yes  No 14. Does permit change require or include soil removal, storage or placement?
- Yes  No 15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
- Yes  No 16. Does permit change require or include construction, modification, or removal of surface facilities?
- Yes  No 17. Does permit change require or include water monitoring, sediment or drainage control measures?
- Yes  No 18. Does permit change require or include certified designs, maps, or calculations?
- Yes  No 19. Does permit change require or include underground design or mine sequence and timing?
- Yes  No 20. Does permit change require or include subsidence control or monitoring?
- Yes  No 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
- Yes  No 22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
- Yes  No 23. Is this permit change coal exploration activity  inside  outside of the permit area?

RECEIVED  
FEB 10 1997

DIVISION OF OIL  
GAS & MINING PRICE UTAH

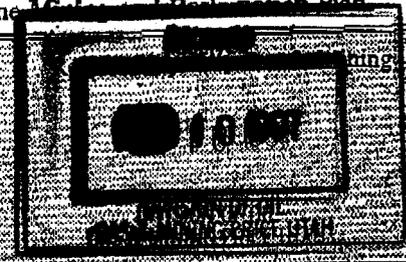
Attach 6 complete copies of proposed permit change as it would be incorporated into the Mine and Reclamation Plan

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.

Bradley Bourquin 2/7/97  
Signed - Name - Position - Date

Subscribed and sworn to before me this 7 day of Feb, 1997.  
[Signature]  
Notary Public

My Commission Expires: 4/18 1998  
Attest: STATE OF Utah  
COUNTY OF Salt Lake



ASSIGNED PERMIT CHANGE NUMBER

## Application for Permit Change Detailed Schedule of Changes to the Permit

Title of Change: Horizon Coal Corporation response to "Attachment A, Special Conditions to Permit Approval", Division Order 96A, Violation 96-35-1-2 and updated data addressing current mine conditions.	Permit Number: ACT/007/020
	Mine: Horizon Mine
	Permittee: Horizon Coal Corporation

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 1, Text, Table of contents
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 2, Pages 2-4 through 2-7
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 3, Text, Tables, Figures, Table of Contents
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Appendix 3-8
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Addendum to Appendix 3-5
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plates 3-1, and 3-4A
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 3-8
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 4, Page 4-7
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 7, Text, Tables, Figures, Table of Contents
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Addendum to Appendix 7-2
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Appendix 7-4
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plates 7-1, 7-4, 7-5, 7-6*
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 8, Pages 8-iii, 8-12, 8-20, 8-23 through 8-25
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Addendum to Appendix 8-1
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Plate 8-1
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 9, Pages 9-2 through 9-8
<input checked="" type="checkbox"/> ADD	<input type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Addendum to Appendix 9-2
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 10, Pages 10-3 through 10-5, 10-37 through 10-39
<input type="checkbox"/> ADD	<input checked="" type="checkbox"/> REPLACE	<input type="checkbox"/> REMOVE	Chapter 11, Pages 11-1 and 11-2

RECEIVED

FEB 10 1997

DIVISION OF OIL  
GAS & MINING PRICE UTAH

\* Only a portion of Plate 7-6 has been submitted, the remainder of the plate has not changed. Upon approval of Detail 1, the entire plate will be submitted.

February 10, 1997



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801  
(801) 538-5340  
(801) 359-3940 (Fax)

February 11, 1997

TO: Joe Helfrich, Permit Supervisor 

FROM: Wm. J. Malencik, Reclamation Specialist 

RE: Horizon Submittal/Division Order Et. Al., Horizon Coal Company, Horizon Mine, ACT/007/020 -97A, Folder #2, Carbon County, Utah

Have reviewed the submittal primarily as related to existing on the ground features and other items on the surface facilities map. Have not gone into those issues between Horizon Consultant and the technical staff that have been in the discussion stage for some time.

Surface Facilities Map

It would be helpful to show proposed surface facilities in a manner where they could be differentiated from existing facilities.

-Electrical Power

- 1) Power line is on the wrong side of the road, i.e., substation to Sweet's pond.
- 2) Power line ends on the disturbed area without any appropriate tie-in to other lines, power poles, etc.
- 3) In my recollection that a substation will be built on the mine disturbed area above to the UP&L substation.
- 4) In conclusion, the power system should be depicted in sufficient detail to show:

- existing facilities
- proposed lines, power poles



Page 2  
J. Helfrich  
Horizon - 97A  
February 11, 1997

Format

- Some text duplication has been eliminated. This is indicated by line out.
- The pages are not numbered, but should be renumbered after the Division completes the review and approval.

Truck Water Fill-up Facilities

- Is the Sweet's truck water fill-up facility going to remain and be used by Horizon or is another fill-up facility going to be constructed?

sd  
enclosures