



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

December 14, 1994

Thomas E. Ehmett, Acting Director
Office of Surface Mining
Reclamation and Enforcement
505 Marquette N.W., Ste. 1200
Albuquerque, NM 87102

Re: Updated Drawing VI-4B, Horse Canyon Mine, Intermountain Power Agency,
ACT/007/013-93B, Folder #2, Carbon County, Utah

Dear Mr. Ehmett:

Enclosed please find the revised and updated Drawing VI-4B (Sedimentation Pond No. 2 - upper pond) for the Horse Canyon Mine mining and reclamation plan, effective November 16, 1994.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pamela Grubaugh-Littig'.

Pamela Grubaugh-Littig
Permit Coordinator

Enclosure

cc: Richard Dawes, OSM-WSC
Mark Bailey, BLM, Price
Robert Morgan, State Engineer
Brent Bradford, DEQ
Robert Valentine, DWR
Price Field Office



*File # 3
Amendment File*

PERMIT AMENDMENT APPROVAL

Title: <i>Repair of Drainage Structure</i> Description:	PERMIT NUMBER: <i>ACT/007/013</i>
	PERMIT CHANGE #: <i>94B</i>
	MINE: <i>Horse Canyon</i>
	PERMITTEE: <i>IPA</i>

WRITTEN FINDINGS FOR PERMIT APPLICATION APPROVAL

YES, NO or N/A

1.	The application is complete and accurate and the applicant has complied with all the requirements of the State Program.	<i>Yes</i>
2.	The proposed permit area is not within an area under study or administrative proceedings under a petition, filed pursuant to R645-103-400 or 30 CFR 769, to have an area designated as unsuitable for coal mining and reclamation operations, unless:	<i>Yes</i>
A.	The applicant has demonstrated that before January 4, 1977, substantial legal and financial commitments were made in relation to the operation covered by the permit application, or	<i>Yes</i>
B.	The applicant has demonstrated that the proposed permit area is not within an area designated as unsuitable for mining pursuant to R645-103-300 and R645-103-400 or 30 CFR 769 or subject to the prohibitions or limitations of R645-103-230.	<i>Yes</i>
3.	For coal mining and reclamation operations where the private mineral estate to be mined has been severed from the private surface estate, the applicant has submitted to the Division the documentation required under R645-301-114.200.	<i>Yes</i>
4.	The Division has made an assessment of the probable cumulative impacts of all anticipated coal mining and reclamation operations on the hydrologic balance in the cumulative impact area and has determined that the proposed operation has been designed to prevent material damage to the hydrologic balance outside the permit area.	<i>Yes</i>
5.	The operation would not affect the continued existence of endangered or threatened species or result in destruction or adverse modification of their critical habitats, as determined under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.).	<i>Yes</i>
6.	The Division has taken into account the effect of the proposed permitting action on properties listed on and eligible for listing on the National Register of Historic Places. This finding may be supported in part by inclusion of appropriate permit conditions or changes in the operation plan protecting historic resources, or a documented decision that the Division has determined that no additional protection measures are necessary.	<i>Yes</i>
7.	The Applicant has demonstrated that reclamation as required by the State Program can be accomplished according to information given in the permit application.	<i>Yes</i>
8.	The Applicant has demonstrated that any existing structure will comply with the applicable performance standards of R645-301 and R645-302.	<i>Yes</i>
9.	The Applicant has paid all reclamation fees from previous and existing coal mining and reclamation operations as required by 30 CFR Part 870.	<i>Yes</i>
10.	The Applicant has satisfied the applicable requirements of R645-302.	<i>NA</i>
11.	The Applicant has, if applicable, satisfied the requirements for approval of a long-term, intensive agricultural postmining land use, in accordance with the requirements of R645-301-353.400.	<i>NA</i>

SPECIAL CONDITIONS OR STIPULATIONS TO THE PERMIT AMENDMENT APPROVAL

YES NO

1.	Are there any variances associated with this permit amendment approval? If yes, attach.		<i>X</i>
2.	Are there any special conditions associated with this permit amendment approval? If yes, attach. <i>That copies insertable to the AGen be submitted</i>	<i>X</i>	
3.	Are there any stipulations associated with this permit amendment approval? If yes, attach.		<i>X</i>

The Division hereby grants approval for Permit Amendment to the Existing Permit by incorporation of the proposed changes described herein and effective the date signed below. All other terms and conditions of the Existing Permit shall be maintained and in effect except as superseded by this Permit Amendment.

Signed

Walter R. Haddock

11/2/94



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

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December 14, 1994

Thomas E. Ehmett, Acting Director
Office of Surface Mining
Reclamation and Enforcement
505 Marquette N.W., Ste. 1200
Albuquerque, NM 87102

Re: Updated Drawing VI-4B, Horse Canyon Mine, Intermountain Power Agency,
ACT/007/013-93B, Folder #2, Carbon County, Utah

Dear Mr. Ehmett:

Enclosed please find the revised and updated Drawing VI-4B (Sedimentation Pond No. 2 - upper pond) for the Horse Canyon Mine mining and reclamation plan, effective November 16, 1994.

Sincerely,

A handwritten signature in cursive script, appearing to read "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Coordinator

Enclosure

cc: Richard Dawes, OSM-WSC
Mark Bailey, BLM, Price
Robert Morgan, State Engineer
Brent Bradford, DEQ
Robert Valentine, DWR
Price Field Office





State of Utah
DEPARTMENT OF NATURAL RESOURCES
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Salt Lake City, Utah 84180-1203
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November 16, 1994

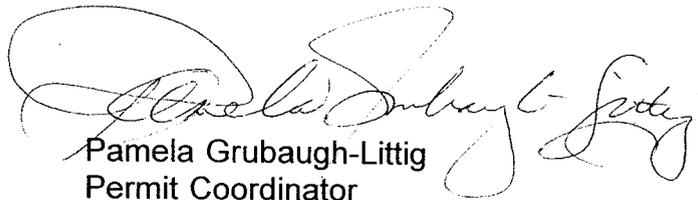
Intermountain Power Agency
Mr. David W. Anderson, P.E.
Department of Water and Power
City of Los Angeles; Room 1170
111 North Hope Street
Los Angeles, CA 90012

Re: Approval of Updated Plate VI-4B, Horse Canyon Mine, Intermountain Power Agency, ACT/007/013-93D, Folder #3, Carbon County, Utah

Dear Mr. Anderson:

Plate VI-4B has been field verified and is approved for incorporation into the Horse Canyon mining and reclamation plan. Please submit eight finalized copies of this plate for transmittal to other agencies by December 16, 1994.

Sincerely,


Pamela Grubaugh-Littig
Permit Coordinator

cc: Daron Haddock



Department of Water and Power



the City of Los Angeles

RICHARD J. RIORDAN
Mayor

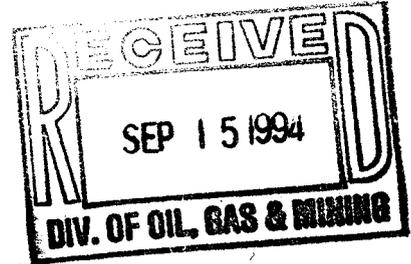
Commission
DENNIS A. TITO, *President*
CONSTANCE L. RICE, *Vice President*
JOSÉ DE JESÚS LEGASPI
JUDY M. MILLER
MARCIA F. VOLPERT
JUDITH K. KASNER, *Secretary*

KENNETH S. MIYOSHI, *General Manager and Chief Engineer*
ELDON A. COTTON, *Assistant General Manager—Power*
JAMES F. WICKSER, *Assistant General Manager—Water*
PHYLLIS E. CURRIE, *Chief Financial Officer*

September 12, 1994

930

10/12 930
Daron or Mary Beth
Have either of *ning*
you seen the *-1203*
attachments of



9/15/94? Please
let me know.

ain Power Agency (IPA)
~~se Canyon Mine~~
ACT/007/013 # 2
on for Permit Change

Copy letter
to and send
the
attached
in
and get
file.

sed a notorized Application for Permit
d Drawing VI-4B, submitted under
Separate cover on August 30, 1994, for IPA's Horse Canyon Mine
Permit Application Package. The drawing depicts Sedimentation
Pond No. 2 (upper pond). The submittal is in response to your
July 19, 1994 letter.

If you have any comments or questions, please contact
Mr. William W. Engels at (213) 367-0289.

Sincerely,

Michael J. Nosanov
MICHAEL J. NOSANOV
Coal Supply Manager

c: w/Enclosure
Mr. Chris Hansen
Earthfax Engineering, Inc.

I haven't seen
it
Daron

Asked Chris
Hansen 11/7 for
disprop. for

Water and Power Conserva



Department of Water and Power



the City of Los Angeles

RICHARD J. RIORDAN
Mayor

Commission
DENNIS A. TITO, *President*
CONSTANCE L. RICE, *Vice President*
JOSÉ DE JESÚS LEGASPI
JUDY M. MILLER
MARCIA F. VOLPERT
JUDITH K. KASNER, *Secretary*

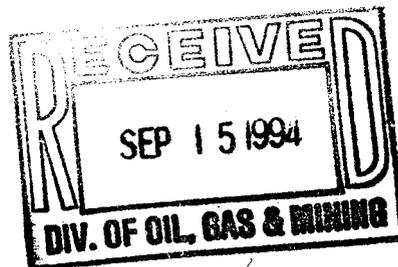
KENNETH S. MIYOSHI, *General Manager and Chief Engineer*
ELDON A. COTTON, *Assistant General Manager—Power*
JAMES F. WICKSER, *Assistant General Manager—Water*
PHYLLIS E. CURRIE, *Chief Financial Officer*

September 12, 1994

gjd

Ms. Pam Grubaugh-Littig
Permit Supervisor
Utah State Department of
Natural Resources
Division of Oil, Gas and Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

gjd



Dear Ms. Grubaugh-Littig:

Intermountain Power Agency (IPA)
Horse Canyon Mine
ACT/007/013 # 2
Application for Permit Change

*Copy letter
to enclosed
file
per attached
in
enclosed
file.*

Please find enclosed a notarized Application for Permit Change pertaining to revised Drawing VI-4B, submitted under separate cover on August 30, 1994, for IPA's Horse Canyon Mine Permit Application Package. The drawing depicts Sedimentation Pond No. 2 (upper pond). The submittal is in response to your July 19, 1994 letter.

If you have any comments or questions, please contact Mr. William W. Engels at (213) 367-0289.

Sincerely,

Michael J. Nosanov
MICHAEL J. NOSANOV
Coal Supply Manager

c: w/Enclosure
Mr. Chris Hansen
Earthfax Engineering, Inc.

Water and Power Conservation... a way of life

PERMIT CHANGE TRACKING FORM

DATE RECEIVED	12/17/93	PERMIT NUMBER	ACT/007/013
Title of Proposal:	Revised Drawings	PERMIT CHANGE #	93D
Description:	VI-4A VI-4B,	PERMITTEE	FPA
		MINE NAME	Horse Canyon Mine

	DATE DUE	DATE DONE	RESULT
<input type="checkbox"/> 15 DAY INITIAL RESPONSE TO PERMIT CHANGE APPLICATION			<input type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED
<input type="checkbox"/> Notice of Review Status of proposed permit change sent to the Permittee.			Permit Change Classification <input type="checkbox"/> Significant Permit Revision <input type="checkbox"/> Permit Amendment <input type="checkbox"/> Incidental Boundary Change
<input type="checkbox"/> Request additional review copies prior to Division/Other Agency review.			
<input type="checkbox"/> Notice of Approval of Publication. (If change is a Significant Revision.)			
<input type="checkbox"/> Notice of request to modify proposed permit change prior to approval.			

REVIEW TRACKING	INITIAL REVIEW		MODIFIED REVIEW		FINAL REVIEW AND FINDINGS	
DOGM REVIEWER	DUE	DONE	DUE	DONE	DUE	DONE
<input type="checkbox"/> Administrative _____						
<input checked="" type="checkbox"/> Biology _____		12/21/93				
<input type="checkbox"/> Engineering _____						
<input type="checkbox"/> Geology _____						
<input type="checkbox"/> Soils _____						
<input type="checkbox"/> Hydrology _____						
<input type="checkbox"/> Bonding _____						
<input type="checkbox"/> AVS Check _____						

COORDINATED REVIEWS	DUE	DONE	DUE	DONE	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						
<input type="checkbox"/> Other						

<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. <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 Base Field Office

APPLICATION FOR PERMIT CHANGE

SEP 15 1994
DIV. OF OIL, GAS & MINING

Title of Change:

Modification of Spillway Section, Sediment Pond No. 2

Horse Canyon Mine, Drawing VI-4B

Permit Number: ACT /007/013

Mine: Horse Canyon

Permittee: Intermountain Power Agency

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

The out slope and interior slope of Pond No. 2 as illustrated in the Emergency Spillway Section in Drawing VI-4B have been changed to more accurately depict field conditions.

- 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 # _____
- Yes No 8. Permit change as a result of a Division Order? D.O.# _____
- Yes No 9. Permit change as a result of other laws or regulations? Explain: _____
- 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?

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.

Michael J. Nosanov
Signed Name - Position - Date MICHAEL J. NOSANOV
COAL SUPPLY MANAGER
SEPTEMBER 12, 1994

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

Notary Public

My Commission Expires: _____, 19 _____
Attest: STATE OF _____ }
COUNTY OF _____ } ss:

Received by Oil, Gas & Mining

ASSIGNED PERMIT CHANGE NUMBER

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

No. 5907

State of California

County of Los Angeles

On September 9, 1994 before me, Lourdes Romero,
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Michael J. Nosanov,
NAME(S) OF SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Lourdes Romero
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

- INDIVIDUAL
- CORPORATE OFFICER
- _____ TITLE(S)
- PARTNER(S) LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

DESCRIPTION OF ATTACHED DOCUMENT

Application for Permit Change
TITLE OR TYPE OF DOCUMENT

2
NUMBER OF PAGES

Not yet dated
DATE OF DOCUMENT

NONE
SIGNER(S) OTHER THAN NAMED ABOVE



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

Michael O. Leavitt
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July 19, 1994

Intermountain Power Agency
Mr. David W. Anderson, P.E.
Department of Water and Power
City of Los Angeles; Room 1170
111 North Hope Street
Los Angeles, CA 90012

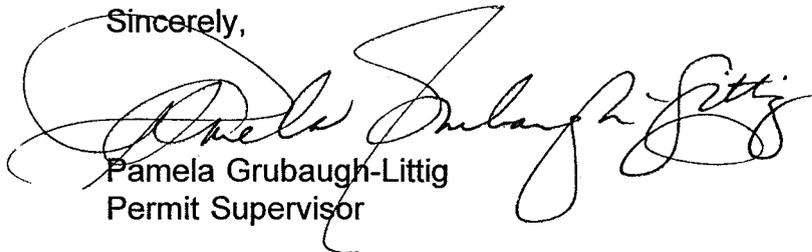
Re: Sedimentation Pond Two Corrections, Horse Canyon Mine, Intermountain Power Agency, ACT/007/013, Folder #2, Carbon County, Utah

Dear Mr. Anderson:

Enclosed please find a copy of the Horse Canyon Mine June 1994 inspection report. Please note Section 4b, entitled Sediment Ponds and Impoundments. As-built drawings of the sedimentation ponds that were submitted February 15, 1994 were field verified during the June inspection. Sedimentation Pond One is accurate. However there are minor anomalies in Sedimentation Pond Two that must be corrected. Please submit the corrected as-built drawings of Sedimentation Pond Two by August 30, 1994.

If you have any questions, please call me.

Sincerely,



Pamela Grubaugh-Littig
Permit Supervisor

Enclosure

cc: Daron Haddock
Henry Sauer
Pete Hess





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

INSPECTION REPORT

gh

Michael O. Leavitt
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James W. Carter
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Salt Lake City, Utah 84180-1203
801-538-5340
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801-538-5319 (TDD)

Partial:___ Complete: X Exploration:___
Insp. Date & Time: 6/22/94 8:00 to 12:00noon
Date of Last Inspection: 5/10/94

Mine Name: Horse Canyon County: Carbon Permit Number: ACT/007/013
Permittee and/or Operator's Name: Intermountain Power Agency, City of Los Angeles
Business Address: 111 North Hope St, Room 1164, Los Angeles, CA 90012
Type of Mining Activity: Underground X Surface___ Prep. Plant___ Other___
State Officials(s): Henry Sauer Company Official(s): Paul Clark
Federal Official(s): None
Weather Conditions: Fair and warm
Existing Acreage: Permitted-3320 Disturbed-71 Regraded-59 Seeded-59 Bonded-71
Increased/Decreased: Permitted-___ Disturbed-___ Regraded-___ Seeded-___ Bonded-___
Status: Exploration/___Active/___Inactive/___Temporary Cessation/___Bond Forfeiture
Reclamation (X Phase I/___Phase II/___Final Bond Release/___Liability___)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - b. For partial inspections check only the elements evaluated.
2. Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____ (date)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/007/013

DATE OF INSPECTION: 06/22/94

(Comments are Numbered to Correspond with Topics Listed Above)

4. HYDROLOGIC BALANCE:

b. SEDIMENT PONDS AND IMPOUNDMENTS

The as-built drawings of the sedimentation ponds were reviewed and compared with on-the-ground conditions. The as-built drawings of Sedimentation Pond One accurately depicted the on-the-ground conditions. The cross section depicting the outslope of Pond Two is incorrect. The outslope as depicted on the as-built drawing shows a slope less than 3H:1V. In actuality the outslope is 1.5H:1V. According to the as-built drawings, the two foot diameter D50 rip-rap begins at the point where the pond embankment ends (slope flattens) and extends ten feet to the edge of the Horse Canyon channel. In actuality, the two foot diameter D50 rip-rap begin approximately one-third of the way up the pond embankment and extend to the base of the embankment. These minor anomalies must be noted and revised as-built drawings must be submitted to the Division for review.

c. OTHER SEDIMENT CONTROL MEASURES

The silt fences which required spring maintenance have been repaired.

d. WATER MONITORING

The first quarter Water Monitoring and UPDES reports were reviewed. The sedimentation ponds did not discharge during the first quarter of 1994. A couple of errors were made in the reporting of laboratory results. The nitrite-nitrogen concentration for HC-Canyon during March 1994 was reported as 456 mg/L. The dissolved oxygen concentration for Redden Springs-2 during March 1994 was reported as 98 mg/L. These values must be checked and if necessary revised.

7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The first quarter refuse pile inspections were reviewed and found in good order.

13. REVEGETATION

The areas which were noted last fall (Rail Spur and east portion of Area 10) do not appear to have responded well to the seeding. The reason for the poor establishment of perennial vegetation may be the extremely dry conditions which have occurred this spring. However, these areas should be continually evaluated for reestablishment of vegetation.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

PERMIT NUMBER: ACT/007/013

DATE OF INSPECTION: 06/22/94

21. BONDING & INSURANCE

In a letter from Mr. Jim Carter (Division Director) to Denise Dragoo representing Intermountain Power Association (IPA), Mr. Carter found that IPA meets the applicable state self-insurance requirements as provided by R645-301-890.400.

Copy of this Report:

Mailed to: Bernie Freeman (OSM), David Anderson (IPA)

Given to: Joe Helfrich (DOGM)

Inspector's Signatures: _____ #32 Date: _____

Susan - 3/10

Here they are! I gave you to you 3/10

Water and Power



DANIEL W. WATEL
ELDON A. COTTO
JAMES F. WICKSI
PHYLLIS E. CURF

Division
S. A. TITO, President
ANCE L. RICE, Vice President
DE JESÚS LEGASPI
M. MILLER
MARCIA F. VOLPERT

February

Yes 6/28
Susan -
Are these the ones that Henry should look at?

Look O.K.

As usual I'll look at these on my next complete inspection.

g
Mining

180-1203

Susan

Mountain Power A
Horse Canyon Mine
ACT 007/013
Midterm Review

7/15
Sally - I need a copy of Henry's report. OK.
to get reviewed by 3/11 & to look at it in time?

Please find enclosed information for January 5, 1994 and January 25, 1994 letter mid-term review of the Horse Canyon Mine Inspection Package.

If you have any comments or questions, please contact Mr. David W. Anderson at (213) 367-0365.

6/28
Henry - Did you look at these design & site inspection reports?

RAM,
I reviewed the as-built phase review inspection report. Henry

Enclosure

c: Mr. Chris Hansen
Earthfax Engineering
Mr. David W. Anderson

Water and Power Conservation... a way of life

111 North Hope Street, Los Angeles, California □ Mailing address: Box 111, Los Angeles 90051-0100
Telephone: (213) 367-4211 Cable address: DEWAPOLA FAX: (213) 367-3287

Department of Water and Power



the City of Los Angeles

RICHARD J. RIORDAN
Mayor

Commission
DENNIS A. TITO, *President*
CONSTANCE L. RICE, *Vice President*
JOSÉ DE JESÚS LEGASPI
JUDY M. MILLER
MARCIA F. VOLPERT
JUDITH K. KASNER, *Secretary*

DANIEL W. WATERS, *General Manager and Chief Engineer*
ELDON A. COTTON, *Assistant General Manager—Power*
JAMES F. WICKSER, *Assistant General Manager—Water*
PHYLLIS E. CURRIE, *Chief Financial Officer*

February 15, 1994

Permit Supervisor
Ms. Pamela Grubaugh-Littig
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Ms. Grubaugh-Littig:

Intermountain Power Agency
Horse Canyon Mine
ACT 007/013
Midterm Review

Susan - 2/16
Mid-term response
Obey? I gave stability (page IV-9 to gas.
Please review by 3/11
Does Tom need to look at it?
Copy from this?
#2

FEB 15 1994

Please find enclosed information responding to your January 5, 1994 and January 25, 1994 letters concerning the midterm review of the Horse Canyon Mine Permit Application Package.

If you have any comments or questions, please call Mr. David W. Anderson at (213) 367-0365.

Sincerely,

Michael J. Nosanov
MICHAEL J. NOSANOV
Coal Supply Manager

Enclosure

c: Mr. Chris Hansen
Earthfax Engineering
Mr. David W. Anderson

Water and Power Conservation... a way of life



EarthFax

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

February 15, 1994

FEB 15 1994

Ms. Pamela Grubaugh-Littig
Permit Supervisor
Division of Oil, Gas, and Mining
Department of Natural Resources
State of Utah
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RE: Response to UDOGM's Letters Dated January 5, 1994 and January 25, 1994
Regarding Intermountain Power Agency's Horse Canyon Mine, ACT/007/013, Folder
#3, Carbon County, Utah

Dear Ms. Grubaugh-Littig:

In response to your letters to Intermountain Power Agency (IPA) dated January 5, 1994 and January 25, 1995, EarthFax Engineering, Inc. (EarthFax) has revised Drawings III-1B, III-1C, VI-4A and VI-4B to more accurately depict the locations of the inlets to Sediment Ponds 1 and 2. Additionally, the text on page IV-9 of the PAP has been modified to state that photographs will be taken on a quarterly basis of the slope failure in Watershed Area 18. Three copies each of the revised drawings and page IV-9 have been included with this letter.

In accordance with UDOGM's request, Mr. John Maher of Kaiser Engineering, Inc. has certified the original drawings and his subsequent revisions to the drawings. Revisions to the drawings by EarthFax have also been certified. Please note that the ten foot long rip-rap apron adjacent to Horse Canyon Creek and at the base of the spillway section of Sediment Pond 2 has been removed from Drawing VI-4B. Apparently, the apron was not placed at the bottom of the channel during construction since the spillway empties directly into the active stream channel. Previous PAP drawings illustrating the presence of this apron have been in error. An apron placed in this location would likely be washed away during a significant storm runoff event such as those that do occur on an infrequent basis in this canyon.

The spillway section for Sediment Pond 2 was investigated for the presence of filter fabric material beneath the rip-rap. Mr. Paul Clarke, then a representative of the contractor responsible for the construction of the spillway, was contacted regarding this issue. He explained that placing the rip-rap material on the steep slope of the sediment pond was very difficult and the methods used for placing the rip-rap would have destroyed the fabric. During a site visit performed by EarthFax on February 8, 1994, the spillway was inspected to determine if erosion beneath or beside the rip-rap had occurred. No evidence of significant

erosion was noted during that visit. It was also noted that the effort required to remove the rip-rap, place filter fabric in the spillway, and then replace the rip-rap would be very difficult. The work needed to place the fabric would result in the destruction of the vegetative cover on the slope thus creating the potential for significant slope erosion. Accordingly, IPA recommends monitoring of the spillway as part of their quarterly sediment pond inspection to ensure future adequacy.

If you have any questions regarding the items discussed or included with this letter, please call Mr. William W. Engels, IPA, at (213) 367-0289.

Sincerely,
EARTHFAX ENGINEERING, INC.



Chris D. Hansen
Project Manager

enclosures

c: William W. Engels, IPA
File UC284.01

APPLICATION FOR PERMIT CHANGE

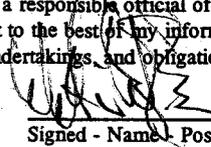
Title of Change: Revisions to Drawings VI-4A and VI-4B	Permit Number: ACT / 007 / 013 <hr/> Mine: Horse Canyon Mine <hr/> Permittee: IPA
---	---

Description, include reason for change and timing required to implement:
 Drawings were revised to more accurately illustrate the locations and dimensions of the inlet structures of sediment ponds 1 and 2.

<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? D.O.# _____
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9. Permit change as a result of other laws or regulations? Explain: By request of inspector
<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 type="checkbox"/> Yes	<input checked="" 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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Does permit change require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	16. Does permit change require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	17. Does permit change require or include water monitoring, sediment or drainage control measures?
<input checked="" type="checkbox"/> Yes	<input checked="" 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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
<input type="checkbox"/> Yes	<input checked="" 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.


 Signed - Name: William W. Engels Position - Date: 2-11-94
Coal Supply Engineer

Subscribed and sworn to before me this _____ day of _____, 19____.

Notary Public

My Commission Expires: _____, 19____

Attest: STATE OF _____ }
 COUNTY OF _____ } ss:

SEE ATTACHED

Received by Oil, Gas & Mining

FEB 15 1994

ASSIGNED PERMIT CHANGE NUMBER

APPLICATION FOR PERMIT CHANGE

Title of Change:

Requested Change to Page IV-9, Horse Canyon Mine Permit

Permit Number: ACT / 007 / 013

Mine: Horse Canyon Mine

Permittee: IPA

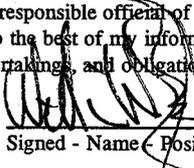
Description, include reason for change and timing required to implement:

Replace "periodic" with "quarterly" to more accurately define frequency of photographic monitoring of slope failure.

- | | | |
|---|--|--|
| <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? D.O.# |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 9. Permit change as a result of other laws or regulations? Explain: Midterm Review of Permit |
| <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? |
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| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 15. Does permit change require or include vegetation monitoring, removal or revegetation activities? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 16. Does permit change require or include construction, modification, or removal of surface facilities? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 17. Does permit change require or include water monitoring, sediment or drainage control measures? |
| <input type="checkbox"/> Yes | <input checked="" 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 type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan? |
| <input type="checkbox"/> Yes | <input checked="" 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.


 Signed - Name - Position - Date William W. Engels 2-11-94
Coal Supply Engineer

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

FEB 15 1994

DEPT. OF OIL, GAS & MINING

ASSIGNED PERMIT CHANGE NUMBER

SEE ATTACHED

STATE OF CALIFORNIA)
)
COUNTY OF LOS ANGELES) SS.

On 2-11-94 before me, CRAIG LUNA
_____, personally appeared WILLIAM W. ENGELS

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Craig G. Luna



Clean fill from recontouring operations will be used to cover the refuse. Where fill is not available, borrow soils will be used to cover any exposed refuse material to a depth of 4 feet. Plates II-3 A-F and III-1 A-F show the post-mine contours and the areas expected to be covered with topsoil. The cross sections with existing and final configurations are shown on Plates IV-1A-K.

Slope stability has been analyzed for the final configuration of the steepest highwall backfill. The analyses are found in Appendix IV-2 and demonstrate a static factor of safety greater than 1.26.

Slopes will be monitored for stability on a monthly basis as weather permits. In areas that appear to be settling or moving, photographs will be taken quarterly to record any movement in the area. A series of marker stakes will be placed on the slope in parallel lines and normal to the slope direction so that any relative movement can be monitored. Photographs of each line of stakes will be taken from a position at the end of each line and include all stakes in the line. The photographs obtained during subsequent slope monitoring events will be taken from the same location so that any change in stake locations will be apparent. Open significant fractures will be backfilled with bentonite to stop water from entering the openings and saturating the slope fill. Records of this monitoring program will be submitted in the Horse Canyon Annual Report, Category H - Other Information, Item 1 - Slope Stability Monitoring Program.

The post-law portions of the Road Junction Refuse Pile will be covered with 4 feet of uncontaminated material including 1 foot of topsoil. The solid waste land fill will be regraded. Exposed debris will be moved to the existing low areas and covered with 4 feet of uncontaminated material including 1 foot of topsoil.



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 5, 1994

Mr. David W. Anderson, P.E.
Intermountain Power Agency
City of Los Angeles; Room 1107
111 North Hope Street
Los Angeles, California 90012

Re: Revised Drawings VI-4A and VI-4B, Intermountain Power Agency, Horse Canyon Mine, ACT/007/013-93D, Folder #2, Carbon County, Utah

Dear Mr. Anderson:

The sedimentation pond drawings submitted to the Division on December 17, 1993 were inspected in the field on December 21, 1993 by Susan White. It was determined that both drawings do not accurately represent field conditions. The discrepancies are outline below:

Drawing VI-4A, Sedimentation Pond No. 1:

No sediment level stake was observed,
Inlets are not as shown, and
Only the sixth change is certified, not the original or subsequent revisions.

Drawing VI-4B, Sedimentation Pond No. 2:

No sediment level stake was observed,
Inlets are not as shown,
No filter fabric could be found under spillway section, permittee should verify if present,
Ten foot long rip-rap apron adjacent to Horse canyon Creek and at the bottom of the spillway section could not be found, and
Only the fifth change is certified, not the original drawing or subsequent changes.



Revised Drawings
Intermountain Power Agency
ACT/007/013
Page 2

These drawings cannot be accepted until the above-noted corrections are made. Please submit these corrections by February 8, 1994. If you have any questions, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Grubaugh-Littig". The signature is written in black ink and is positioned to the right of the typed name.

Pamela Grubaugh-Littig
Permit Supervisor

pgl

APPLICATION FOR PERMIT CHANGE

931

Title of Change: *REVISED DRAWINGS VI-4A AND VI-4B*

Permit Number: *ACT 1007 1013*

Mine: *Horse Canyon Mine*

Permittee: *IPA*

Description, including reason for change and timing required to implement: *DRAWINGS VI-4A & B illustrate designs of Sediment Ponds 1 and 2. As part of mine reclamation maintenance, rip rap was added or replaced in the pond inlets. The drawings have been modified to illustrate the changes.*

- 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 # _____
- Yes No 8. Permit change as a result of a Division Order? D.O.# _____
- Yes No 9. Permit change as a result of other laws or regulations? Explain: *Mine Reclamation Maintenance Activities*
- 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?

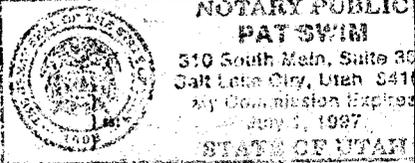
Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

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.

[Signature]
Signed - Name - Position - Date
MECH ENGR ASSOC 12/15/93

Subscribed and sworn to before me this *15* day of *Dec*, 19 *93*

Notary Public
My Commission Expires: *7-1-97* 19 *97*
STATE OF *Utah*
COUNTY OF *Salt Lake City*



Received by Oil, Gas & Mining

ASSIGNED PERMIT CHANGE NUMBER



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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 4, 1994

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Susan M. White, Senior Reclamation Biologist *smw*
RE: Revised Drawings VI-4A and VI-4B, Intermountain Power Agency, Horse Canyon Mine, ACT/007/013, Folder #2, Carbon County, Utah

SYNOPSIS

Drawings VI-4A and VI-4B, of the Sedimentation Ponds were received by the Division December 17, 1993 and inspected in the field on December 21, 1993. The Drawings were found to not accurately represent field conditions.

ANALYSIS

Deficiencies in Drawing VI-4A, Sedimentation Pond No.1, are noted below:

- no sediment level stake was observed
- inlets are not as shown
- the drawing is not certified, only the 6th change is certified.

Deficiencies in Drawing VI-4B, Sedimentation Pond No.2, are noted below:

- no sediment level stake was observed
- inlets are not as shown
- no filter fabric could be found under spillway section (operator should verify if present)
- ten foot long rip-rap apron adjacent to Horse Canyon Creek and at the bottom of the spillway section could not be found
- the drawing is not certified, only the 6th change is certified.

RECOMMENDATION

The above-reference drawings cannot be accepted until the above noted changes are made.

