

FRANKS  
AN SPRINGS  
FRED ELY  
CAMERON



**DIVISION OF WATER RIGHTS**

**Michael O. Leavitt**  
Governor  
**Ted Stewart**  
Executive Director  
**Robert L. Morgan**  
State Engineer

1636 West North Temple, Suite 220  
Salt Lake City, UT 84116-3156  
801-538-7240  
801-538-7467 (Fax)

September 12, 1994

0034

*ACT 10/13/018 #2*

**RE: Stream Channel Alteration No. 94-93-09SA**  
**Left Fork Rilda Canyon**  
**PacifiCorp Energy West Mining Company**

Attached is a copy of Application to Alter a Natural Stream No. 94-93-09SA. Your comments are requested so we can evaluate any impacts caused by the project.

We are requesting that all comments be returned to me at our office prior to October 3, 1994. If we do not receive comments by that date, we will assume you have no input on the proposal outlined in the application.

If you have any questions or comments, feel free to contact Jim Wells at 538-7374.

Sincerely,

*Shauna Haws*  
for: **Jim Wells, P.E.**  
**Stream Alterations**

*Greg LeBenka*

JW/sh

- pc: **Bob Mairley - EPA**  
**Brooks Carter - Corps of Engineers**  
**Bob Freeman - U. S. Fish & Wildlife**  
**Mark Page - Regional Engineer**  
**Bill Bates - Regional Wildlife Habitat Manager**  
**Bill Bradwisch - Aquatic Habitat Coordinator**  
**Mike Reichert - Department of Environmental Quality, Water Quality Div.**  
**Scott Flandro - State Lands & Forestry**  
**Carolyn Wright - State Planning & Coordinator's Office**  
**Terry Green - State Parks & Recreation**  
**Jim Dykman - State Office of Historic Preservation**  
**W. D. Robinson - Department of Agriculture, Env. Quality Section**  
**Nancy Barr - Comprehensive Emergency Management**  
**Manti-LaSal National Forest - Adjacent Property Owner**  
**North Emery Water Users Association - Adjacent Property Owner**



# JOINT PERMIT APPLICATION FORM

U. S. ARMY CORPS OF ENGINEERS - FOR SECTIONS 404 AND 10  
 UTAH STATE ENGINEER'S OFFICE - FOR NATURAL STREAM CHANNELS

AUG 11 1988

Application Number \_\_\_\_\_ / \_\_\_\_\_  
 (Assigned by) Corps State Engineer

93-Area  
 94-93-09SA

Applicant's Name (Last, First M.I.) <i>PACIFICORP ENERGY WEST MINING COMPANY</i>	Authorized Agent <i>VAL PAYNE</i>	Telephone Number and Area Code <i>(801) 653-2312 EXT. 16</i>
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Applicant's Address (Street, RFD, Box Number, City, State, Zip)  
*P.O. Box 1005 HUNTINGTON, UTAH 84528*

**PROJECT LOCATION**

Quarter Section(s) <i>SE 1/4 AND SW 1/4</i>	Section <i>29</i>	Township <i>16 SOUTH</i>	Range <i>7 EAST</i>	Base & Meridian <i>SALT LAKE</i>
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County <i>EMERY</i>	Watercourse to be altered <i>LEFT FORK ZILDA CANYON</i>	Check one: <input type="checkbox"/> Within city limits <input checked="" type="checkbox"/> Outside city limits List town or nearest town: <i>HUNTINGTON</i>
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Project location or address:  
*ZILDA CANYON, A TRIBUTARY TO HUNTINGTON CANYON*

Brief description of project:  
*CONSTRUCTION OF SURFACE SUPPORT FACILITIES FOR THE DEER CREEK COAL MINE. THE FACILITIES WILL INCLUDE A 1.2 ACRE PAD CONSTRUCTED AT A LOCATION WHERE THREE (3) PORTALS WILL BREAK OUT. THE PAD WILL SUPPORT PORTAL LINERS, A SUBSTATION, VENTILATION FAN, WATER STORAGE TANK AND A PUMP HOUSE. THE PAD WILL BE ACCESSED VIA A GRAVELED ROAD, 12 FEET IN WIDTH AND APPROXIMATELY 1350 FEET LONG. ELECTRICAL POWER WILL BE PROVIDED BY A 25 KV POWERLINE LOCATED ADJACENT TO THE ROAD. (SEE ATTACHMENT FOR DETAILS)*

Purpose (justification) of project:  
*MINING WITHIN THE DEER CREEK MINE IS PROGRESSING INTO THE NORTHERN PORTION OF THE MINE. THE DISTANCE FROM THE DEER CREEK CANYON SURFACE FACILITIES TO THE ACTIVE AREAS OF THE MINE IS INCREASING. THIS RESULTS IN REDUCED VENTILATION, ELECTRICAL AND FIRE SUPPRESSION CAPABILITIES. THE ZILDA CANYON FACILITIES WILL PROVIDE THE NEEDED SUPPORT FOR THESE FUNCTIONS. THE FACILITIES ARE NOT INTENDED FOR COAL OR MEN AND MATERIALS HANDLING. THESE FUNCTIONS WILL CONTINUE AT THE DEER CREEK CANYON SITE.*

Is this a single and complete project or is it part of a larger project, continuing project, or other related activities? If so, please describe the larger project or other related activities.  
*THIS IS A SINGLE AND COMPLETE PROJECT.*

If project includes the discharge of dredged or fill material:

Cubic yards of material: *APPROXIMATELY 17000 CUBIC YARDS OF FILL MATERIAL WILL BE USED FOR PAD CONSTRUCTION.*

Acreage or square footage of waters of the United States, including wetlands, affected by the project: *APPROXIMATELY 300 LINEAL FEET OF EPHEMERAL DRAINAGE CHANNEL WILL BE CULVERTED.*

Source and type of fill material: *NATIVE PIT-RUN GRANULAR MATERIAL WILL BE OBTAINED THROUGH A LOCAL EARTH-WORK CONTRACTOR.*

AUG 1  
SEP 1  
OCT 1

H 18

Alternatives (other ways to accomplish the project purpose):

MORE EXTENSIVE SURFACE FACILITIES, WHICH WOULD SUPPORT MEN AND MATERIALS HANDLING, WERE CONSIDERED BUT REJECTED.

Names and addresses of adjacent property owners or other individuals who may be affected by this project:

US FOREST SERVICE MANTI-LA SAL NATIONAL FOREST PRICE RANGER DISTRICT 599 WEST PRICE RIVER DRIVE PRICE, UTAH 84501 (801)637-2817	NORTH ENERGY WATER USERS ASSOCIATION ELMO, UTAH 84521 (801)653-2649
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List other authorizations required by Federal, state or local governments (i.e.; National Flood Insurance Program), and the status of those authorizations.

- ① UTAH DIVISION OF OIL, GAS AND MINING - PERMIT APPLICATION IS BEING REVIEWED.
- ② FOREST SERVICE NEPA PROCESS - ENVIRONMENTAL ASSESSMENT IS OUT FOR COMMENTS.
- ③

Estimated starting date of project

NOVEMBER 1, 1994

Estimated completion date

NOVEMBER 1, 1995

(If project has already been partially or totally completed, indicate date of work. Indicate existing work on drawings).

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities or am acting as the duly authorized agent of the applicant.

Signature of applicant

Date

AUG. 18/94

I hereby certify that \_\_\_\_\_ is acting as my agent for this project.

Agent's address and telephone number

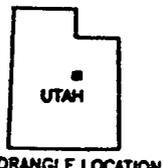
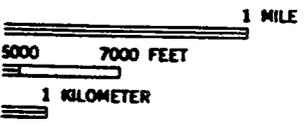
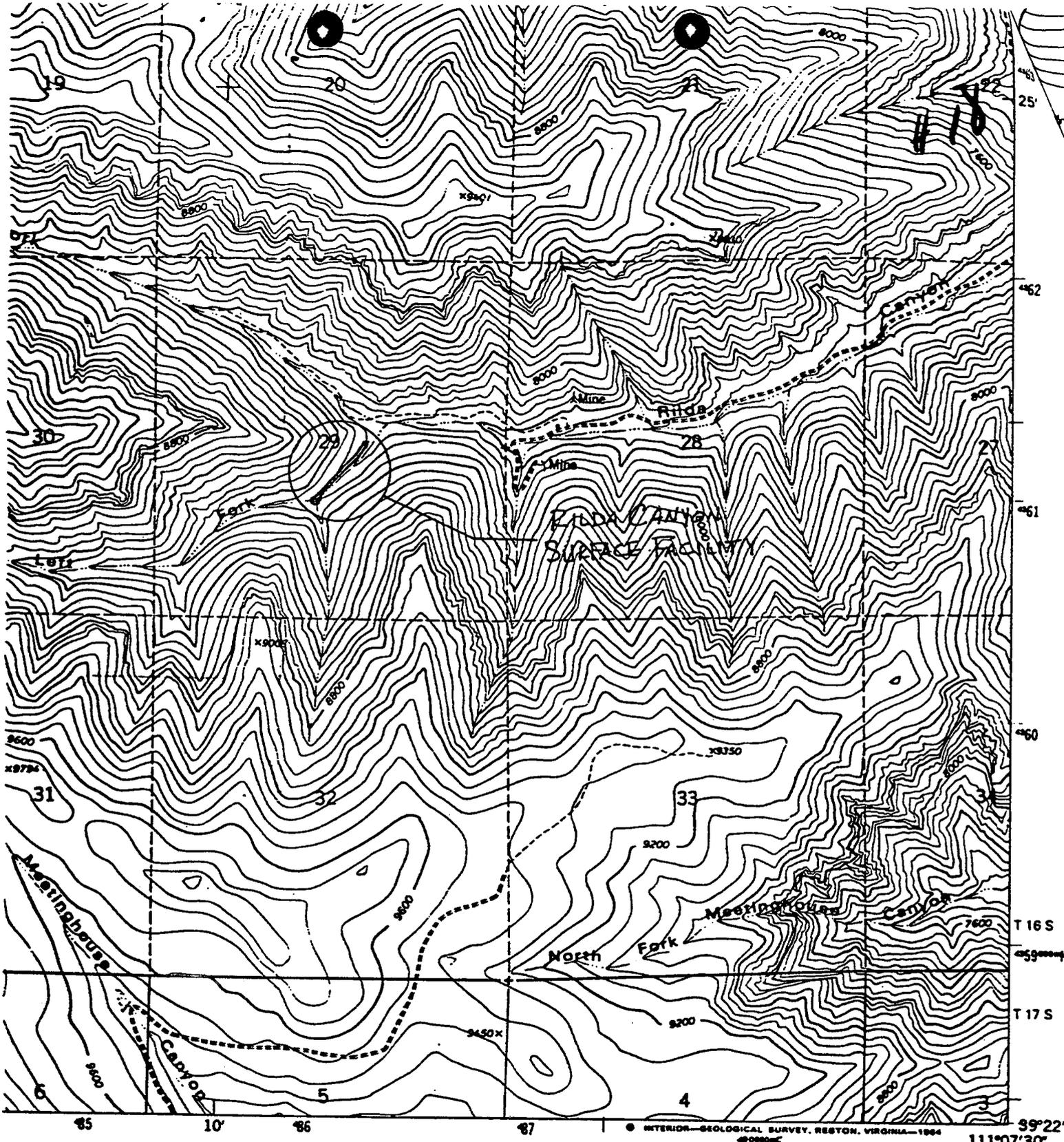
PROFICORP/ENERGY WEST FIELD OFFICE  
P.O. BOX 1005  
HUNTINGTON, UTAH 84528 (801)653-2312 EXT. 16

## INSTRUCTIONS

### Applications which do not include the following will not be processed.

For a complete application, you MUST include the following on 8 1/2 by 11 paper (for large projects, multiple sheets with a key may be used). Clear, hand-drawn plans approximately to scale are acceptable.

1. An accurate location map (USGS quadrangle map preferred)
2. A plan view of the proposed activity (as seen from above) including dimensions of work.
3. A cross-section view of the proposed activity (may use typical cross-section for large projects) including dimensions.
4. For projects which include wetlands, an accurate wetland delineation must be prepared in accordance with the current method required by the Corps.



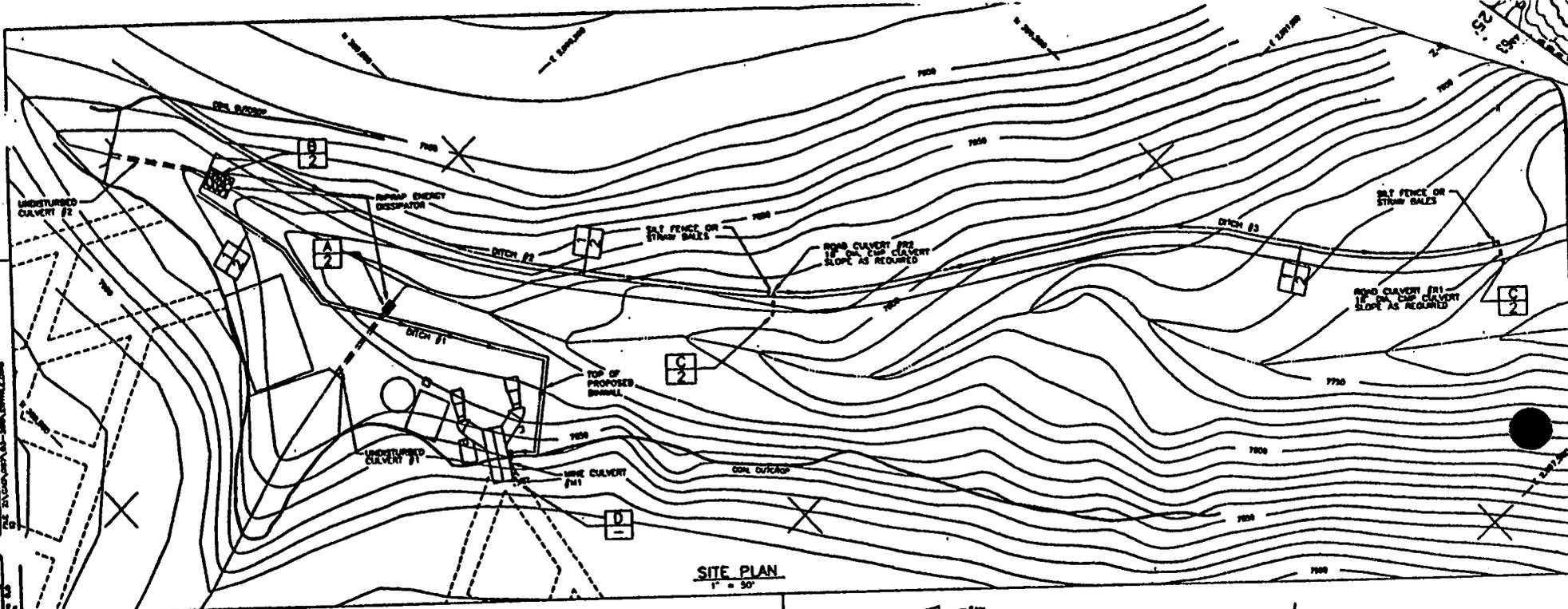
TDS  
RESTON VIRGINIA 22002

**ROAD CLASSIFICATION**

- Primary highway, hard surface \_\_\_\_\_
- Secondary highway, hard surface \_\_\_\_\_
- Light-duty road, hard or improved surface \_\_\_\_\_
- Unimproved road \_\_\_\_\_
- Interstate Route
- ◻ U. S. Route
- State Route

**RILDA CANYON, UTAH**  
NW/4 HIAWATHA 15' QUADRANGLE  
N3922.5-W11107.5/7.5

INTERIOR- GEOLOGICAL SURVEY, RESTON, VIRGINIA-1964  
111°07'30" 39°22'



**SITE PLAN**  
1" = 50'

**SELECTED RIPRAP GRADATIONS**

RIAPRAP DESIGNATION	PERCENT SMALLER THAN GIVEN SIZE BY WEIGHT	INTERMEDIATE ROCK DIMENSION (INCHES)	D <sub>50</sub> (INCHES)
TYPE I	10-100	1 1/2	1/8
	10-20	1 1/2	1/8
	2-10	1 1/2	1/8
TYPE II	10-100	1 1/2	1/8
	10-20	1 1/2	1/8
	2-10	1 1/2	1/8
TYPE III	10-100	1 1/2	1/8
	10-20	1 1/2	1/8
	2-10	1 1/2	1/8

**GRANULAR FILTER GRADATION**

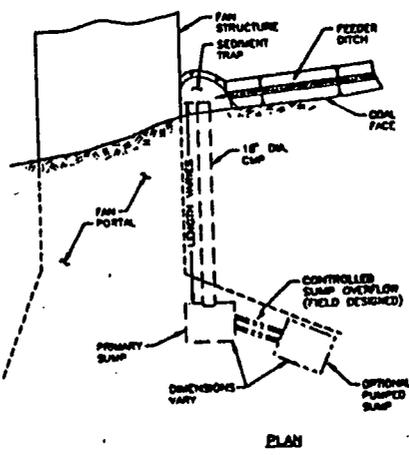
U. S. STANDARD SEIVE SIZE	SQUARE MESH SIEVES TYPE II
5	80 - 100
10	20 - 60
20	5 - 20
40	---
60	---
100	5 - 3
200	---

**CULVERT DESIGN CRITERIA**

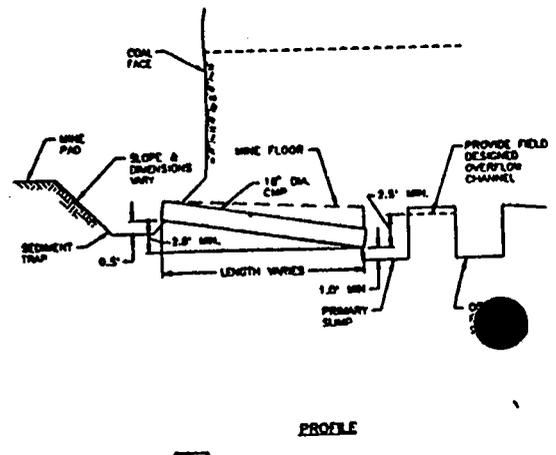
CULVERT NO.	DIA. (IN)	SLOPE (%)	H/W DEPTH (FT)	LENGTH (FT)
M1	24	5-10	3.5	80'±
R1	18	6-8	3.5	100'±
R2	18	0.5 MIN.	<0.5	20'±
M1	18	0.5 MIN.	<0.5	20'±
M1	18	8.5	<0.5	30'

- NOTES:**
1. CONFIGURATION OF ON-MINE SLOPES TO VARY TO FIT MINE NEEDS.
  2. GRADE PAD TOWARD DITCH #1.
  3. THE CULVERT INTO THE MINE MUST BE CONSTRUCTED SO THE BAILEY ELEVATION IS EQUAL TO OR HIGHER THAN THE PRIMARY SLUMP OUTLET ELEVATION.

**REUSE OF DOCUMENTS**  
ANY REUSE OR MODIFICATION OF THESE DRAWINGS RELEASES THE DESIGN ENGINEER FROM ANY LIABILITY ASSOCIATED WITH THEIR USE.



**PLAN**



**PROFILE**

**DETAIL D**  
N.T.S.

**BARBER & DUCE**

DESIGNED	JOB	3
DRAWN	DRS	3
CHECKED	DEM	1
PROJECT ENGINEER	DATE	FEB. 1994

SCALE AS SHOWN  
DATE: FEB. 1994  
DRAWN BY: J. J. JONES  
CHECKED BY: J. J. JONES

**ENERGY WEST MINING COMPANY**

**RILDA CANYON MINE RUNOFF CONTROL FACILITIES PLAN AND DETAILS**

SHEET NO. 1 OF 3  
DATE: 02-04-94

#15



#18



August 17, 1994

Mr. Mark P. Page  
Regional Engineer  
State of Utah  
Natural Resources  
Water Rights  
453 S. Carbon Avenue  
Price, Utah 84501-0718

**RE: STREAM CHANNEL ALTERATION PERMIT APPLICATION, DEER CREEK  
MINE, RILDA CANYON SURFACE FACILITIES**

Dear Mr. Page:

Enclosed, please find an application to alter the natural stream channel in the Left Fork of Rilda Canyon to accommodate construction of surface support facilities for the Deer Creek Mine. Accompanying the application form are materials which provide detailed information regarding the proposed Rilda Canyon Surface Facilities project. The materials include information about vegetation and soils in the area of the proposed project. Additionally, a description of construction, operation and reclamation of the facilities is included.

An 8 1/2" by 11" portion of the Rilda Canyon Quadrangle Map is provided as a project location map. Seven (7) drawings are included to provide details regarding the project.

If you have questions regarding this application, please call me at 653-2312, ext. 16.

Sincerely,

A handwritten signature in cursive script that reads "Val Payne".

Val Payne  
Sr. Environmental Engineer

cc: M. Moon  
B. Webster  
File

**VII. Stream Alterations**

**Please note! Due to the short turnaround please comment directly to the Agency with a copy to GOPB.**

- |     |                                 |   |
|-----|---------------------------------|---|
| 15. | UT940913-070                    | Division of Water Rights/Wasatch County:<br>Snake Creek (No. 94-55-63SA) - Permit application to alter a natural stream channel (Sec. 3, T4S, R4E). <u>Comments due 10/3/94.</u>            |
| 16. | UT940913-060                    | Division of Water Rights/Garfield County:<br>Escalante River (No. 94-97-02SA) - Permit application to alter a natural stream channel (Sec. 10, T35S, R2E). <u>Comments due 10/3/94.</u>     |
| 17. | UT940913-050                    | Division of Water Rights/Summit County:<br>Unnamed (No. 94-35-29SA) - Permit application to alter a natural stream channel (Sec. 10, T1S, R3E). <u>Comments due 10/3/94.</u>                |
| 18. | UT940913-040<br><br><i>Copy</i> | Division of Water Rights/Emery County:<br>Left Fork Rilda Canyon (No. 94-93-09SA) - Permit application to alter a natural stream channel (Sec. 29, T16S, R7E). <u>Comments due 10/3/94.</u> |
| 19. | UT940916-090<br><br><i>Copy</i> | Division of Water Rights/Carbon County:<br>Grassy Trail Creek (No. 94-91-09SA) - Permit application to alter a natural stream channel. <u>Comments due 10/5/94.</u>                         |
| 20. | UT940916-080                    | Division of Water Rights/Weber County:<br>Chicken Spring Channel (No. 94-35-30SA) - Permit application to alter a natural stream channel (Sec. 32, T6N, R1E). <u>Comments due 10/5/94.</u>  |