



JON M. HUNTSMAN, JR.
Governor
GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Water Rights

MICHAEL R. STYLER JERRY D. OLDS
Executive Director State Engineer/Division Director

July 27, 2005

Pamela Grubaugh-Littig
Department of Natural Resources
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Joint Permit Application 05-93-04SA
 Energy West Mining Company
 Un-Named Drainages in Rilda Canyon

Dear Pam,

Enclosed are copies of the above referenced application and supporting documents. The comment period on this application ended June 8, 2005; however, if you have comments, questions, or concerns, I would be more than happy to review them.

If you need to discuss this further, please feel free to contact me.

Sincerely,

Mark P. Page
Regional Engineer

Enclosures
MPP/lis

*Incoring
C/015/0018
Copy letter
for Stephen H
and Jim S.*

RECEIVED
JUL 29 2005
DIV. OF OIL, GAS & MINING

From: "Oakley, Dennis" <Dennis.Oakley@PacifiCorp.com>
To: <markpage@utah.gov>
Date: 7/18/2005 3:21:42 PM
Subject: Culvert Marking

Mark:

I have located and marked the proposed culverts for the Rilda Canyon Mine facilities. They are marked with bright pink flagging on the north side of the road. They were not GPS'ed in, but are fairly close. If you would like, call me before you go up to inspect and I will meet you up in Rilda Canyon. Or you can stop by and I can print you a working map of the area.

Regards,

Dennis Oakley
Senior Environmental Engineer

Energy West Mining Company
15 North Main Street
P.O. Box 310
Huntington, Utah 84528

Phone: 435.687.4825
Cell: 435.650.9233
Fax: 435.687.2695
e-mail: dennis.oakley@pacificorp.com

The smallest good deed is better than the grandest good intention.

- Duguet -

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DEPARTMENT OF NATURAL RESOURCES

Division of Water Rights

MICHAEL R. STYLER
Executive Director

JERRY D. OLDS
State Engineer/Division Director

May 19, 2005

RE: Stream Channel Alteration No. 05-93-04SA
Un-named Drainages in Rilda Canyon
Energy West Mining Company

Attached is a copy of an Application to Alter a Natural Stream No. 05-93-04SA. Your comments are requested so we can evaluate any impacts caused by the project.

We are requesting that all comments be returned to our office prior to **June 8, 2005**. 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 me at 801-538-7377.

Sincerely,

Daren Rasmussen
Stream Alteration Specialist

DR/jm

pc: Dave Ruitter - EPA
Corps of Engineers
Supervisor - U. S. Fish & Wildlife
Mark Page - Regional Engineer
Chris Colt - Regional Wildlife Habitat Manager
Bill Bradwisch - Aquatic Habitat Coordinator
Mike Reichert - DEQ, Water Quality Division
Karl Kappe - State Lands & Forestry
Carolyn Wright - Dept. of Natural Resources
Terry Green - State Parks & Recreation
Jim Dykman - State Office of Historic Preservation
W. D. Robinson - Department of Agriculture
Judy Watanabe - CEM
One Adjacent Property Owner
Darren Rasmussen

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

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 MAY 13 2005

Application Number
 (Assigned by):

Corps / 93 Area

05-93-0004 State Engineer
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Applicant's Name (Last, First M.I.) Energy West Mining Company	Authorized Agent Dennis Oakley	Telephone Number and Area Code (435) 687-4825
--	--	---

Applicant's Address (Street, RFD, Box Number, City, State, Zip)
15 North Main Street, PO Box 310, Huntington, Utah 84528

PROJECT LOCATION

Quarter Section(s) S2NE4	Section 29	Township 16 South	Range 7 East	Base & Meridian Salt Lake
County Emery	Watercourse to be altered Un-Named Drainages in Rilda Canyon	Check one: <input type="checkbox"/> Within City Limits <input checked="" type="checkbox"/> Outside City Limits List town or nearest town: Huntington, Utah		

Project location or address: **Rilda Canyon in Emery County**

Brief description of project:
Culverts need to be installed beneath a planned mining surface facility and soil piles to keep undisturbed and disturbed runoff separated. Eight culverts will be installed in eight subdrainages in Rilda Canyon. The culverts vary in length and diameter. Total length of culverts is approximately 2385 feet. Diameters range from 18" to 36". Refer to attached data and maps and supporting data.

Purpose (justification) of project:
Underground mining operations have advanced northward making it inefficient to utilize existing surface facilities in Deer Creek Canyon. Facilities are needed in Rilda Canyon for the stationing of men and material. The facility construction will disturb approximately 13 acres within the Rilda Canyon drainage. Note that the permit application is not to alter Rilda Creek, but the ephemeral side drainages.

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.
The project is proposed to be completed as a single project. However, there are extenuating facility permitting circumstances that has the capacity to split the single project into multiple projects and multiple construction years.

If project includes the discharge of dredged or fill material into a watercourse or wetland:

Cubic yards of material:

Acreage or square footage of waters of the United States, including wetlands, affected by the project:

Source and type of fill material:

Alternatives (other ways to accomplish the project purpose):

This is the only alternative that keeps the facilities out of the main watercourse of Rilda Canyon

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COMPLETE names and addresses of adjacent property owners (immediately upstream and downstream) or other individuals who may be affected by this project:

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United States Forest Service
Manti-LaSal National Forest
599 Price River Drive
Price, Utah 84501

List other authorizations required by Federal, state or local governments (i.e. : National Flood Insurance Program), and the status of those authorizations.

Mining Permit - Utah Division of Oil Gas and Mining
National Environmental Policy Act - Office of Surface Mining
Building Permit - Emery County Building and Zoning

Estimated starting date of project:

8/15/2005

Estimated completion date:

up to 3 construction seasons → 12/1/07

(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

Dennis Oakley

Date

5/9/05

I hereby certify that

is acting as my agent for this project.

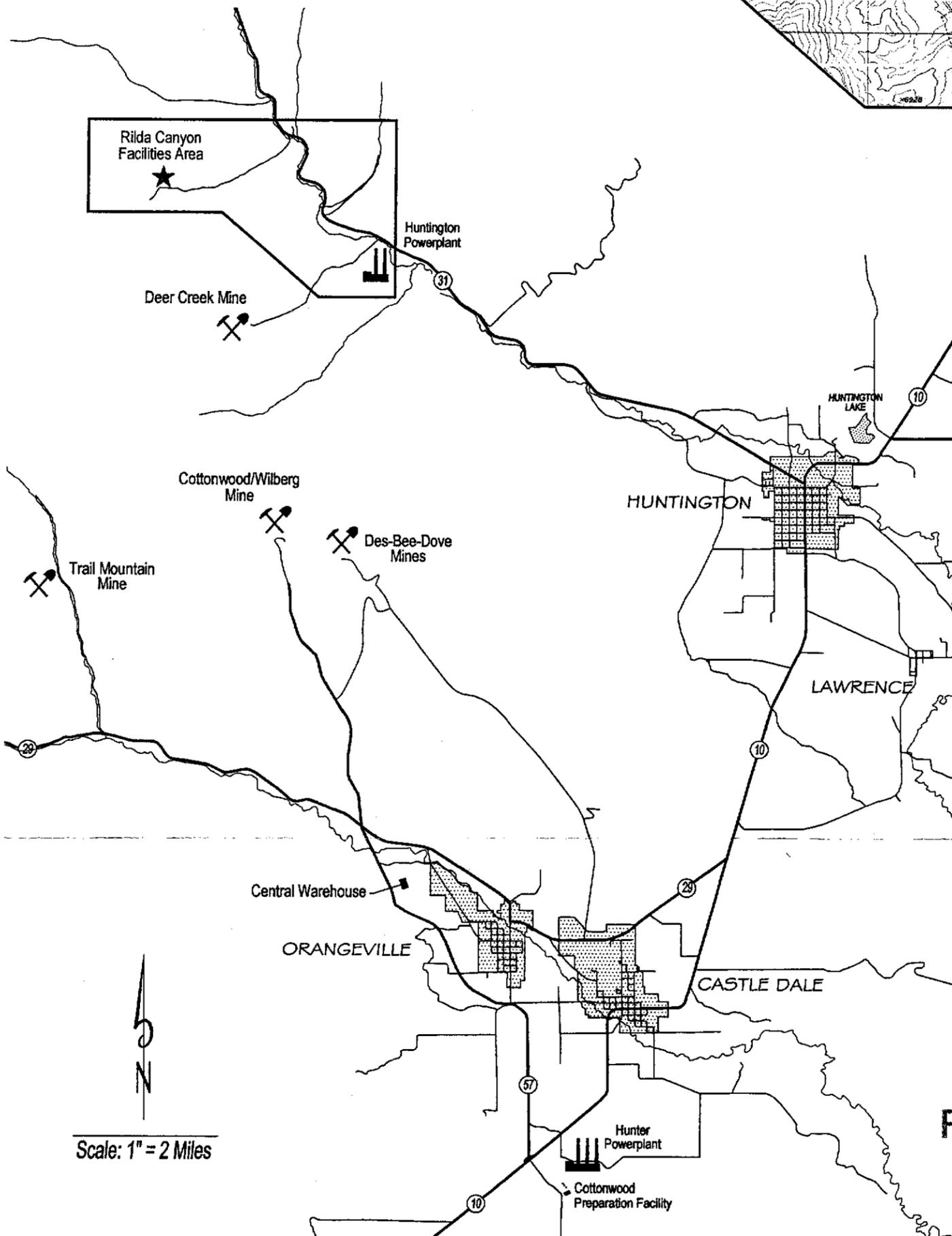
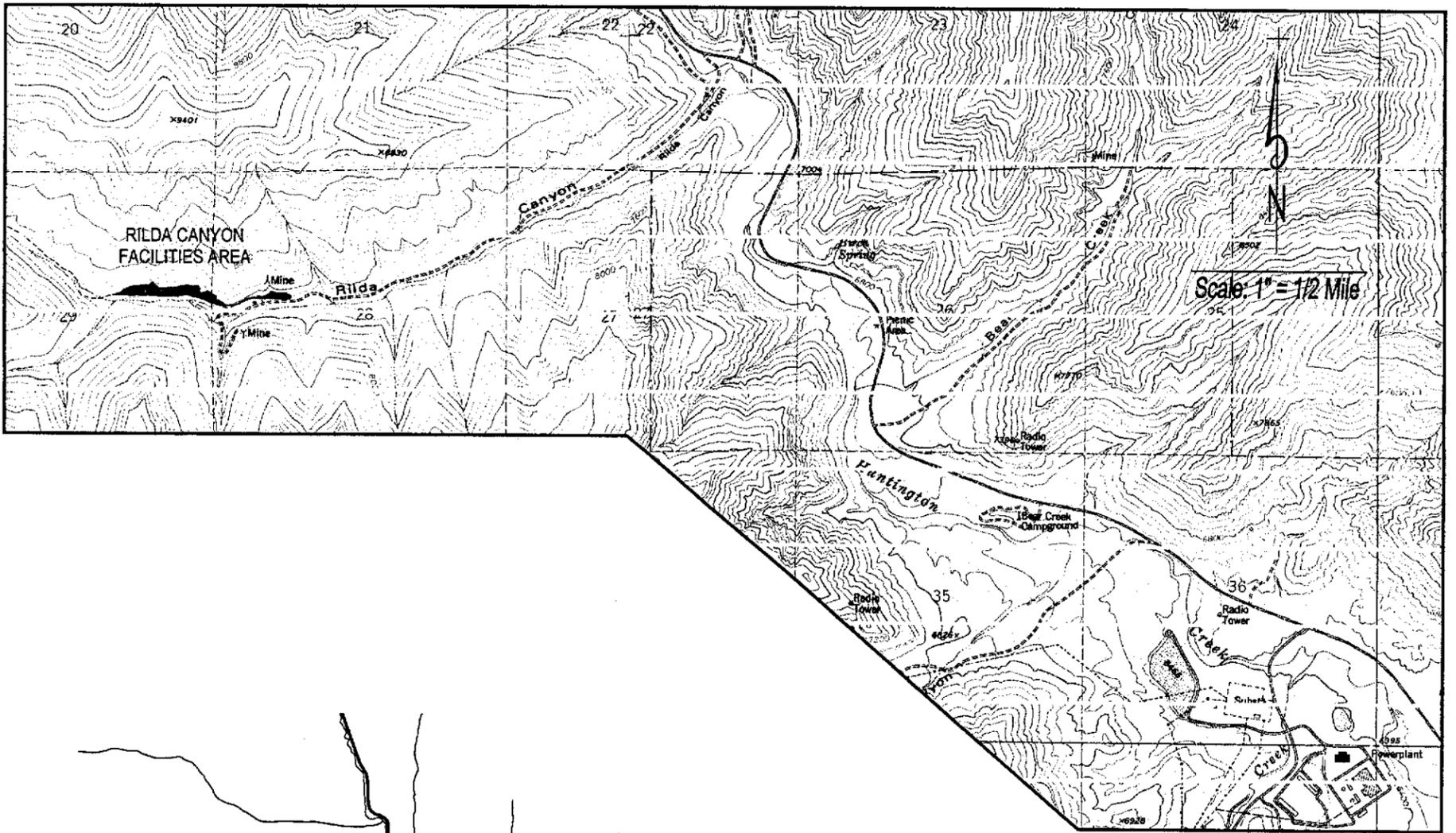
Agent's address and telephone number:

INSTRUCTIONS

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

For a complete application, you MUST include the following on 11 X 17 or smaller paper (for large projects, multiple sheets with a key may be used). Clear, hand-drawn plans approximately to scale are acceptable.

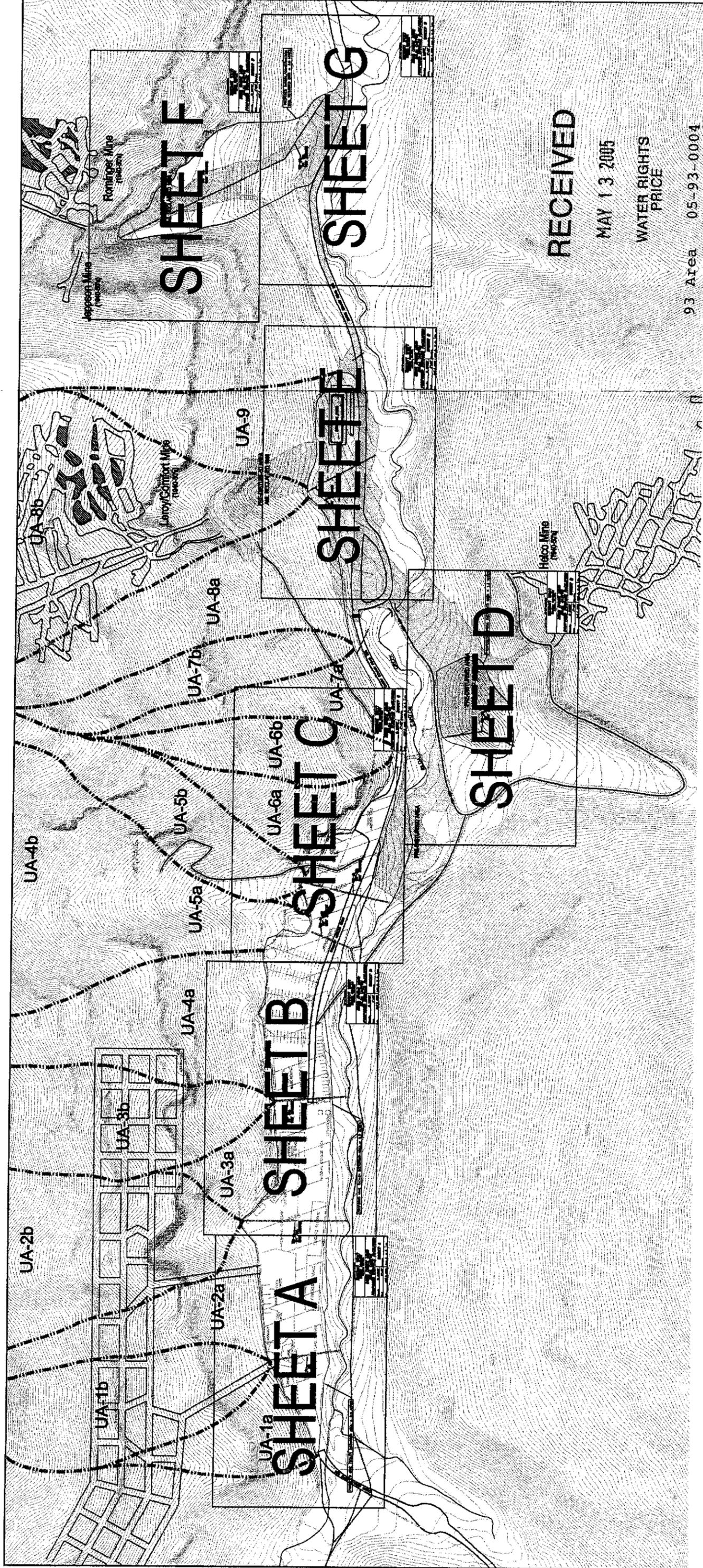
1. An accurate location map (USGS quadrangle map preferred)
2. A plan view of the proposed activity (as seen from above) including dimensions of work.
3. A cross-section view of the proposed activity (may use typical cross-section for large projects) including dimensions.
4. For projects which include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



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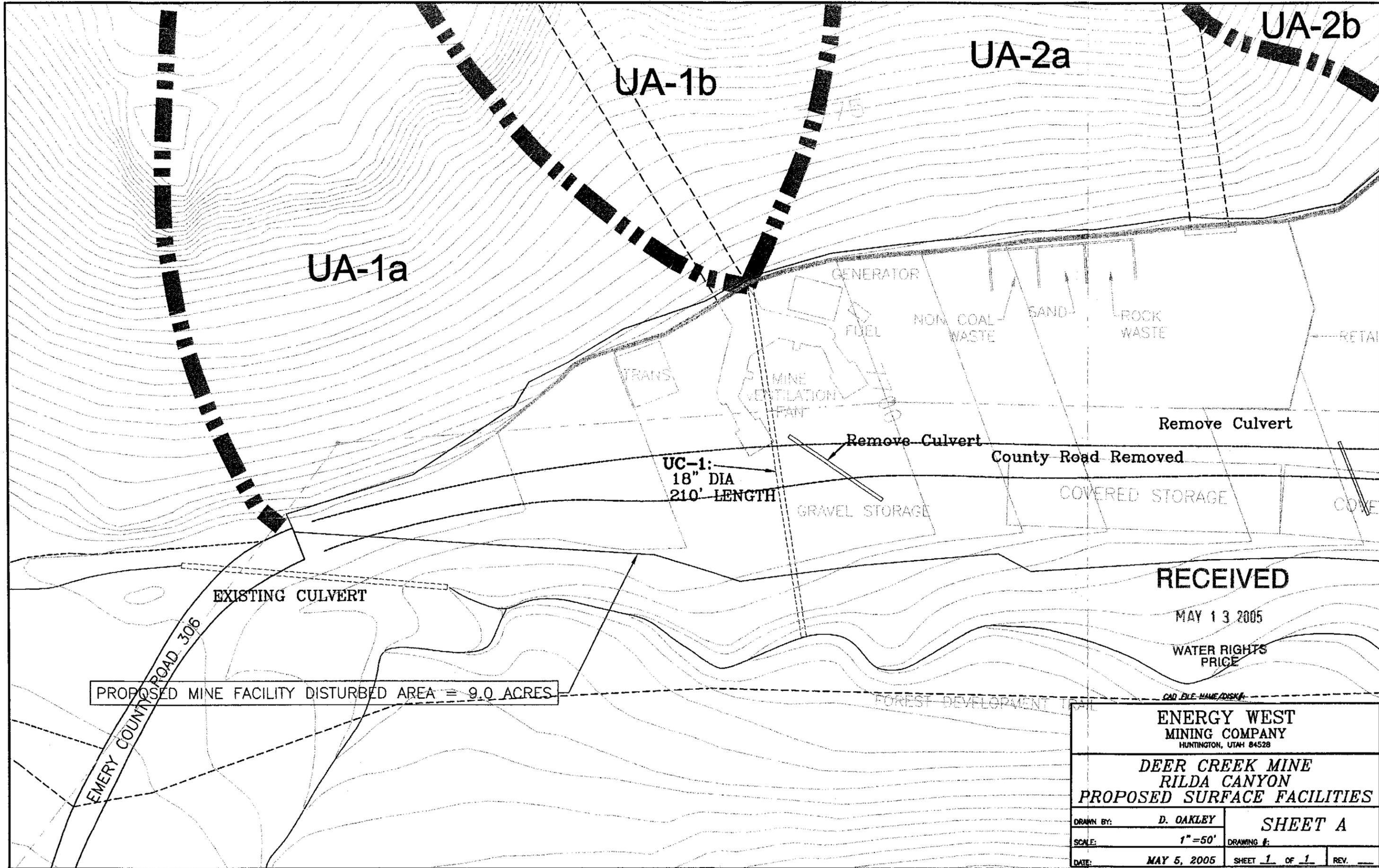
93 Area 05-93-0004

<small>SEE THE ORIGINAL</small> ENERGY WEST MINING COMPANY <small>MEMPHIS, TENNESSEE</small>	
DEER CREEK MINE RILDA CANYON PROPOSED SURFACE FACILITIES	
DATE: 11-11-04	BY: B. SMILEY
PROJECT: 05-93-0004	SCALE: 1"=100'
FIGURE NO: 1	SHEET: 1 OF 1
DATE: MAY 6, 2005	BY: M.T. G. 2005

LEGEND

[Symbol]	PROPOSED DISTURBED AREA
[Symbol]	PERFORMANCE AREA
[Symbol]	SNOW STORAGE SITE

11-10-04	ADDED NUMBER AND AREA TO MAP	UA
10-20-04	REVISED NOTES AND DATE NUMBER	UA
8-7-04	REVISED CENTER ELEVATION NOTATIONS	UA
DATE	REVISION	BY



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UA-2b

UA-3a

UA-3b

UA-4a



PROPOSED MINE FACILITY DISTURBED AREA = 9.0 ACRES

CAD FILE NAME/DESK:

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
RILDA CANYON
PROPOSED SURFACE FACILITIES

DRAWN BY:	D. OAKLEY	DRAWING #:	SHEET B
SCALE:	1" = 50'		
DATE:	MAY 5, 2005	SHEET 1 OF 1	REV. _____

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UA-5a

UA-5b

UA-6a

UA-6b

UA-7a

UC-4:
24" DIA
130' LENGTH

UC-5:
18" DIA
265' LENGTH

PRIMARY ACCESS ROAD

PUMP STATION
& GENERATOR

RUNOFF
COLLECTION
TANK

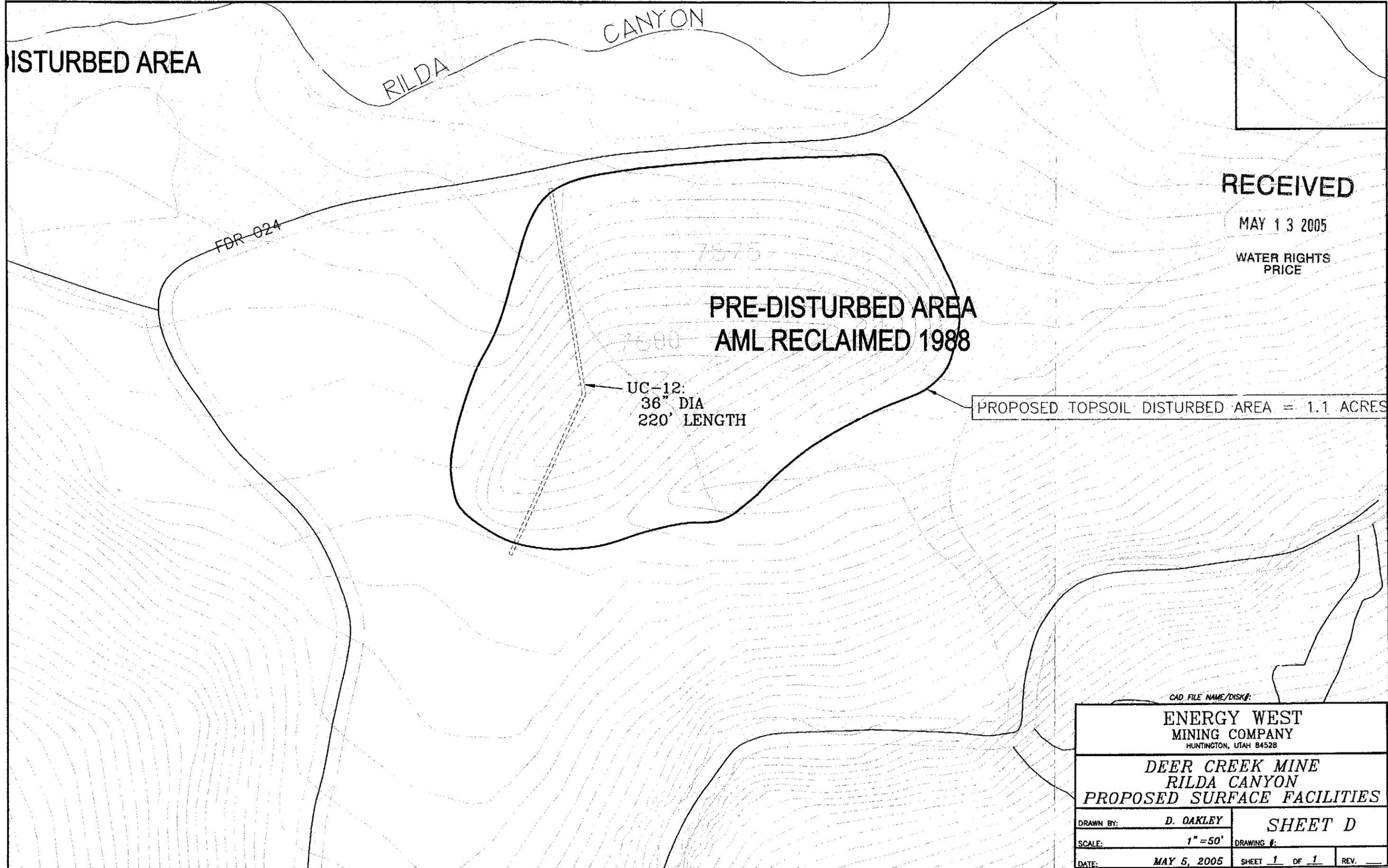
TRAILHEAD
PARKING AREA

CAD FILE NAME/DISK#

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
RILDA CANYON
PROPOSED SURFACE FACILITIES

DRAWN BY:	D. OAKLEY	SHEET C	
SCALE:	1" = 50'	DRAWING #:	
DATE:	MAY 5, 2005	SHEET 1 OF 1	REV. _____



DISTURBED AREA

RILDA CANYON

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MAY 13 2005

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**PRE-DISTURBED AREA
AML RECLAIMED 1988**

PROPOSED TOPSOIL DISTURBED AREA = 1.1 ACRES

UC-12:
36" DIA
220' LENGTH

CAD FILE NAME/DISK#:

ENERGY WEST MINING COMPANY <small>HUNTINGTON, UTAH 84528</small>		
DEER CREEK MINE RILDA CANYON PROPOSED SURFACE FACILITIES		
<small>DRAWN BY:</small> D. OAKLEY	SHEET D	
<small>SCALE:</small> 1" = 50'	<small>DRAWING #:</small>	
<small>DATE:</small> MAY 5, 2005	<small>SHEET</small> 1 <small>OF</small> 1	<small>REV.</small>

RECEIVED

MAY 13 2005

WATER RIGHTS
PRICE

PROPOSED SUBSOIL/CONSTRUCTION
SOIL DISTURBED AREA = 3.0 ACRES

UC-10:
24" DIA
820' LENGTH

EXISTING CULVERT

CAD FILE NAME/DISK#:

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
RILDA CANYON
PROPOSED SURFACE FACILITIES

DRAWN BY: D. OAKLEY

SHEET G

SCALE: 1" = 50'

DRAWING #:

DATE: MAY 5, 2005

SHEET 1 OF 1

REV. _____

Support Mine

(1940-50's)

Rominger Mine

(1940-50's)

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WATER RIGHTS
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PRE-DISTURBED AREA
AML RECLAIMED 1988

UC-10:
24" DIA
820' LENGTH

CAD FILE NAME/DISK#

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
RILDA CANYON
PROPOSED SURFACE FACILITIES

DRAWN BY:	D. OAKLEY	DRAWING #:	SHEET F
SCALE:	1" = 50'		
DATE:	MAY 5, 2005	SHEET 1 OF 1	REV. _____

AML RECLAIMED 1988

UA-8b

UA-9

UA-8a

RECEIVED

MAY 13 2005

WATER RIGHTS PRICE

UC-8:
24" DIA
220' LENGTH

SOIL STORAGE

SEDIMENT POND

25 KV POWERLINE

EXISTING CULVERT

CAD FILE NAME/DISK#:

ENERGY WEST
MINING COMPANY
HUNTINGTON, UTAH 84528

DEER CREEK MINE
RILDA CANYON
PROPOSED SURFACE FACILITIES

DRAWN BY: D. OAKLEY

SHEET E

SCALE: 1" = 50'

DRAWING #:

DATE: MAY 5, 2005

SHEET 1 OF 1

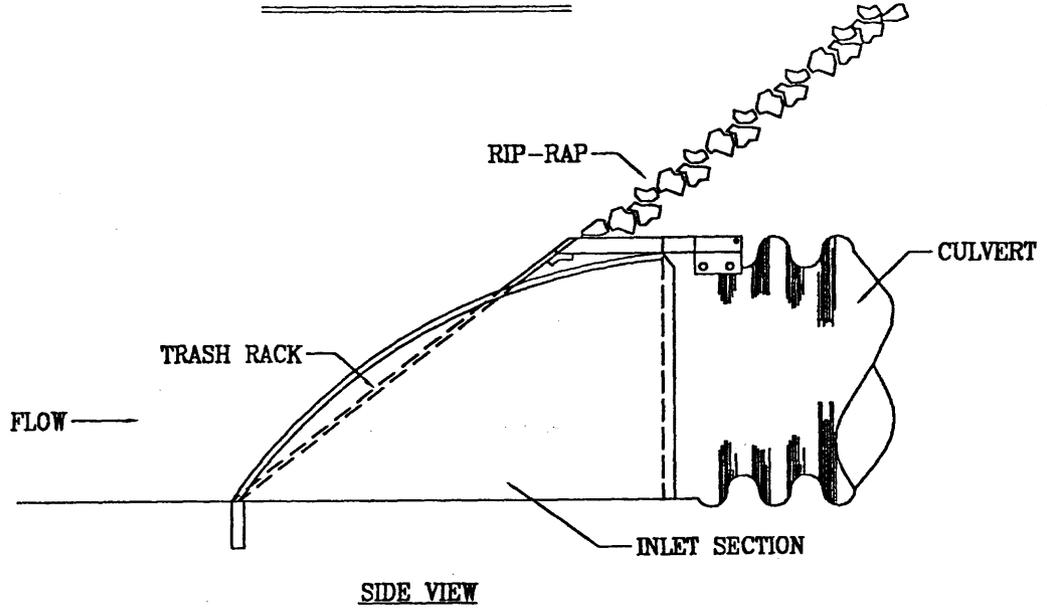
REV.

RECEIVED

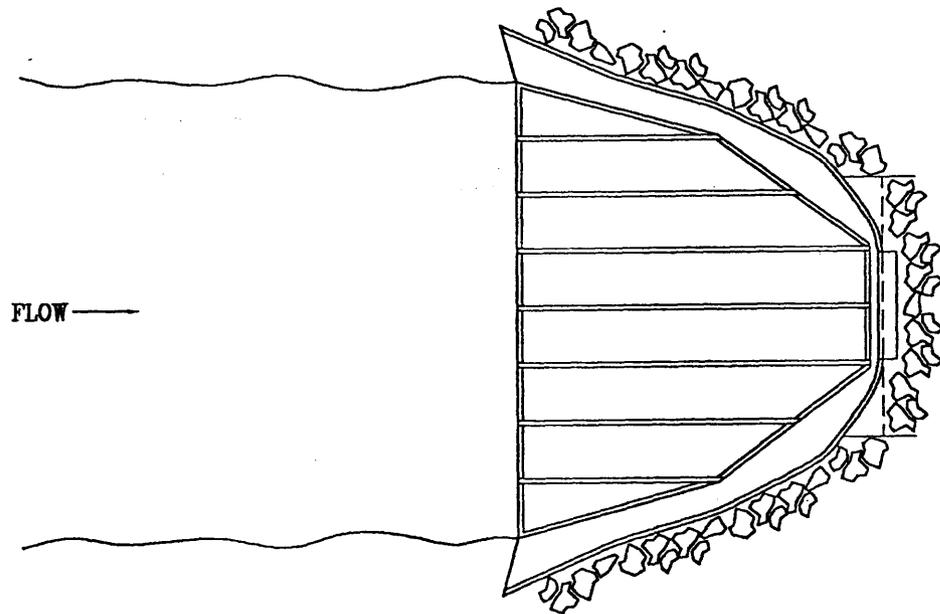
MAY 13 2005

UNDISTURBED CULVERT INLET
TYPICAL SECTION

WATER RIGHTS PRICE



SIDE VIEW



PLAN VIEW

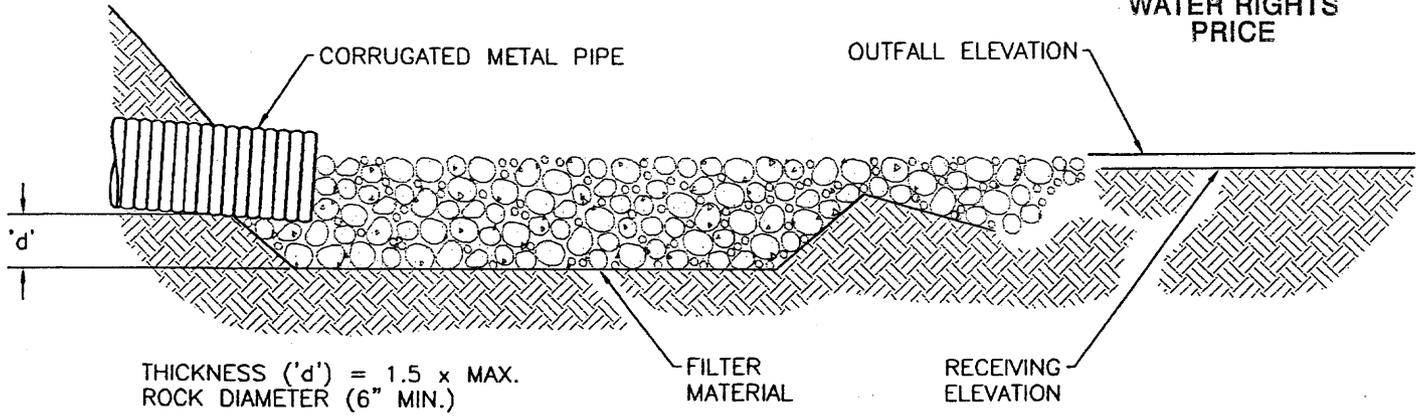
FIGURE 5

93 Area 05-93-0004

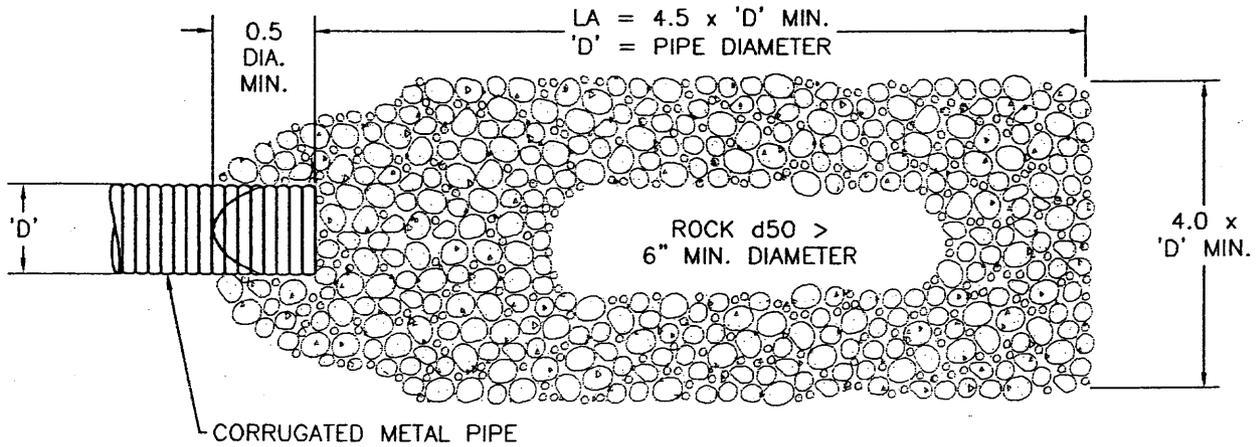
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MAY 13 2005

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CROSS SECTION



PLAN VIEW

DESIGN BY DOGM:
 THE PRACTICAL GUIDE TO RECLAMATION IN UTAH
 OUTLET PROTECTION
 BASIC DESIGN AND CONSTRUCTION CRITERIA
 PAGE 134

CAD FILE NAME/DISK#: CULVERT DISCHARGE

ENERGY WEST MINING COMPANY HUNTINGTON, UTAH 84528		
DEER CREEK MINE RILDA CANYON RIPRAP OUTLET PROTECTION		
DRAWN BY:	K. LARSEN	FIGURE 11
SCALE:	NONE	
DATE:	MARCH 22, 2005	DRAWING #:
		SHEET <u>1</u> OF <u>1</u>
		REV. _____



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MAY 13 2005

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May 10, 2005

Mr. Mark Page
Department of Natural Resources
Division of Water Rights
453 South Carbon Ave.
Price, Utah 84501

Subject: Stream Alteration Permit Application Package

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company (Energy West) as mine operator, hereby submits an application for a stream alteration permit. The stream alteration is needed for the development of the proposed underground surface facilities in Rilda Canyon, a subdrainage of Huntington Canyon in Emery County. A mining and reclamation plan has been submitted to the Division of Oil, Gas, and Mining for approval.

The project, as a whole, consists of building a facility pad to accommodate surface facilities for our underground mining operation. The underground mining operations have advanced northward to an extent which makes it necessary to station men and materials from this site. Five existing culverts channel surface water runoff under Emery County Road #306 are proposed to be removed (refer to attached maps Sheet A, and Sheet B). Eight culverts are proposed to be installed to direct runoff away from the surface facilities and soil piles (refer to attached maps Sheet A through Sheet G). The length of the culverts total 2,385 feet and their diameters range from 1.5 feet to 3 feet. Each culvert has been designed to safely pass a 10 year/24 hour precipitation event from their respective drainage areas.

The inlets and outlets of the culverts have been designed to provide adequate erosion protection for the designed storm event. All inlets are provided with a trash rack and riprap protection around the openings. Outlets in which the design storm influences flows greater than 5.0 feet per second shall have riprap protected outfalls. Figures illustrating these design features are included in the Attachments. A full drainage design plan for the facilities can be reviewed at the DOGM Price Field Office, the Emery County Courthouse, and the Energy West Mining office in Huntington, Utah. This plan can be found in the Volume 11, Appendix Volume, Hydrology, Appendix B at these locations. At the end of our mining operations, the surface facilities will be reclaimed to a pre-disturbance condition and design.

We anticipate starting this project in August, 2005. The completion of the project has not been determined at this time, but could take up to three construction seasons to complete. Your consideration to this project is greatly appreciated. Attached to this document is the required application for stream alteration with required maps and drawings. If you have any questions concerning this application, please contact me at (435) 687-4825.

Sincerely,


Dennis Oakley
Environmental Engineer

cc Doug Johnson (EWMC w/o attachments)
Larry LaFrentz (EWMC w/o attachments)
John Christensen (EWMC w/o attachments)
file

Attachments:
Joint Permit Application Form
Project Location Map
Map Key
Detailed Culvert Location Maps (Sheets A -G)
Inlet Culvert Design (MRP Figure 5)
Outlet Culvert Design (MRP Figure 11)

Huntington Office:
(435) 687-9821
Fax (435) 687-2695
Purchasing Fax (435) 687-9092

Deer Creek Mine:
(435) 687-2317
Fax (435) 687-2285