

TRACKING FORM

I. KEY FEATURES OF PERMITTEE'S AMENDMENT APPLICATION

Permittee Pacific Corp	Mine Name Trail Mountain	Amendment # ACT/015/009-96E	Date Received / ^{Hand Delivered} 7/25/96 Val Payne
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Proposal: **Parking Lot / Culvert Extension**
 Description: **Extend existing parking lot approx 87' to the North; this also requires extending the present culvert 40' upstream in the Cottonwood Creek.**

II. AMENDMENT CLASSIFICATION

<input type="checkbox"/> Major Amendment	Public Notice Required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No ^{b1}
<input checked="" type="checkbox"/> Minor Amendment	Outside of Permit Area	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	Outside of Disturbed Area	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

III. SUMMARY OF DOGM PROCESSING DATES

Reviews Completed	8/29/96	FOLLOWUP REQUIREMENTS	
Approved Effective	8-30-96	MRP "After Const" Documents	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Disapproved		TA	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ^{b1}
Mailed		CHIA	<input type="checkbox"/> Yes <input type="checkbox"/> No
Filed MRP - SLO		Responds Within 15 days of Receipt? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, explain below.	

IV. COORDINATED REVIEWS

EXTERNAL AGENCIES (Mine Specific) <small>(Adverse Comments, if Any, Include in Item V)</small>	DOGM REVIEWS/DISCIPLINES		
	COPY SENT	CONTACTED	
OSM	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	Generalists WJK <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N/A
BLM	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	____ INTERDISCIPLINARY APPROACH
US Forest Service	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Administrative _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
US Fish & Wildlife	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Biology _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
US National Parks	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Engineering _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Environmental Quality	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Geology _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Wildlife Resources	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Hydrology _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT State History	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Soils _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT Water Rights	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> C <input type="checkbox"/> N/A	- Permitting _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
UT SITLA	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	- Other _____ <input type="checkbox"/> Yes <input type="checkbox"/> N/A
Other Emery County Road Dept	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> C <input type="checkbox"/> N/A	

V. FOOTNOTES/ADDITIONAL EXPLANATION AS NECESSARY

a/ Public Notice was provided on the initiative of the Trail Mtn and Cottonwood Project; therefore, this project is considered part of the initiative of the two mining operations, and another notice is not required.

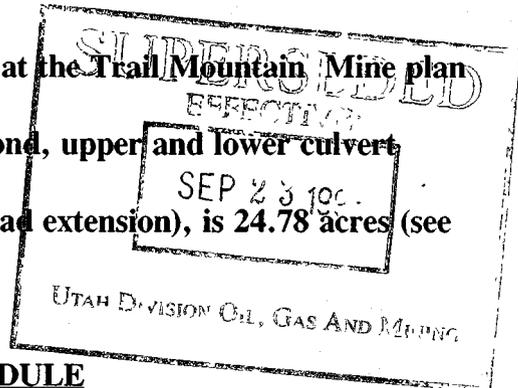
b/ The T.A. does not discuss the current 66" culvert associated with the Trail Mtn Mine. Therefore, extending the culvert is not included in the T.A.

**PacifiCorp
Trail Mountain Mine**

- (3) Necessary approvals for the road have been obtained from the authorities with jurisdiction over the public road through the cooperative effort of upgrading and paving of the road to the mine site. Necessary encroachment permits have been obtained from Emery County for accesses to and from the public road.
- (4) Required public notices concerning the operation have been posted in local newspapers for Permit Approvals, Permit Renewals and Permit Transfers.

3.2.11 TOTAL AREA FOR SURFACE DISTURBANCE DURING THE PERMIT TERM

The total area of present surface disturbance at the Trail Mountain Mine plan area, including all compliance activities (sediment pond, upper and lower culvert installation, borrow area portal areas and surface pad extension), is 24.78 acres (see Plate 3-1).



3.2.12 DETAILED CONSTRUCTION SCHEDULE

Construction of basic facilities was completed prior to the 1977 Act. Sediment controls, including the sediment pond, curb/gutter and bypass culverts were completed in late 1987. Minor system enhancements were completed from 1987 through the fall of 1990. Construction details and schedules for these projects are found in Appendices 7-13, 3-9, 3-7, 3-8, 3-9 and 3-10 respectively.

3.3 OPERATION PLAN

Trail Mountain Mine will employ a maximum of approximately 300 people to conduct its underground mining activities. Underground mining consists of longwall retreat mining and continuous miner development. Production is estimated between 3,500,000 to 5,000,000 tons per year. Coal is conveyed to the surface at approximately 16" x 0" run of mine product. It is then conveyed through an overland tube conveyor to the Cottonwood Mine Portal on the opposite canyon side. It then travels underground

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Trail Mountain Mine**

has varied ownership (county, federal and private) and provides access for Forest Service and private land up Cottonwood Canyon.

Lands held by PacifiCorp are classified by Emery County, the US Forest Service, and the State of Utah as a recreation, forestry and mining area.

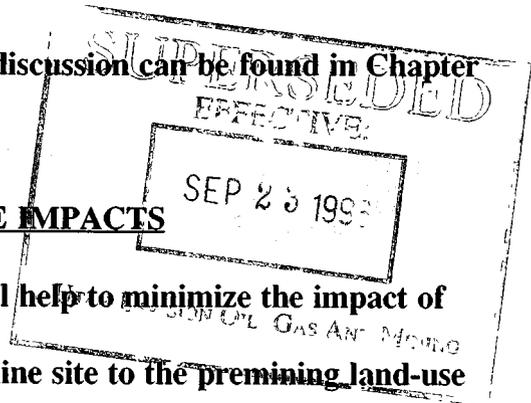
3.4.1.1 PROJECTED IMPACTS OF MINING ON CURRENT AND FUTURE LAND-USE

Within the permit area, approximately 24.78 acres has been disturbed by surface facilities of the mine. This disturbance has affected the soils and vegetation of the area. The effect on vegetation is temporary and will be eliminated by revegetation of the disturbed area. Wildlife loss of habitat in the riparian community has occurred. The acreage is small; however, the riparian area is considered to be of critical value to the overall density of terrestrial wildlife. Continued operation of the surface facilities will have no significant impact on the local wildlife. A full discussion can be found in Chapter 10.

3.4.1.2 CONTROL MEASURES TO MITIGATE IMPACTS

Careful planning of the reclamation activities will help to minimize the impact of the Trail Mountain Mine on land-use. Return of the mine site to the premining land-use of grazing, wildlife, and recreation at the conclusion of mining will be accomplished according to the steps outlined below:

- 1) Seal all large diameter openings with non-combustible material.
- 2) Remove all surface structures, equipment and facilities, followed by trash and debris removal.
- 3) Re-establishment of drainages and grading and contouring of disturbed areas.



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Trail Mountain Mine

SURETY BOND ESTIMATE
TABLE 3-4

ITEM	AMOUNT LABOR MAN/SHIFT ^{1,8}		COST/MAN SHIFT	LABOR COST	EQUIPMENT ³ REQUIREMENTS	MATERIAL ⁴ EQUIPMENT SHIFT/COST ⁵	MATERIALS EQUIPMENT TOTAL COST	TOTAL LABOR MATERIALS EQUIPMENT ¹¹
Sediment Pond	1	2	160	320	Jeffrey	2 500	1000	1320
	1	2	160	320	Loader	2 225	450	770
Seal Portals	3	10	120	3600	Concrete Block	5 1000	5000	8600
	1	2	120	240	Concrete Block	2 500	1000	1240
Explosive Magazine	1	2	160	3200	Truck	20 250	5000	8200
	1	2	160	3200	Crane	20 381	7620	10820
Culverts	2	20	120	4800	None	-	-	4800
	1	2	120	240	Truck	1 250	250	490
Trash Removal	1	2	120	240				
SUBTOTAL								16710
Earth Moving and Recontouring (10, 12)	1	25	160	4000	Dozer	25 703	17575	21575
	1	62	160	9920	988 Loader	62 971	60202	70122
	1	15	160	2400	Track Excavator	15 954	14310	16710
SUBTOTAL								\$108,407
Riprap (19)	1	12	160	1920	Truck	12 250	3000	4920
	1	12	160	1920	Backhoe/Loader	12 225	2700	4620
	1	12	120	1440	None	-	-	1440
SUBTOTAL								\$10,980

INCORPORATED
 EFFECTIVE:
 JUL 29 1996
 UTAH DIVISION OF OIL, GAS AND MINING
 PRICE FIELD OFFICE

SURETY BOND ESTIMATE
TABLE 3-4

ITEM	AMOUNT LABOR MAN/SHIFT ^{1,8}	COST/MAN SHIFT	LABOR COST	EQUIPMENT REQUIREMENTS ³	MATERIAL ⁴ EQUIPMENT SHIFT/COST ⁵	MATERIAL EQUIPMENT TOTAL/COST	TOTAL LABOR MATERIALS EQUIPMENT ¹¹
REVEGETATION							
Fertilization	1	4	160	640	Dozer Spreader Fertilizer	4 703 4 55 10 30 * (arces)	2,812 220 300 3,452
Seedbed Preparation ^C (Grassland-Shrub)	1	4	160	640	Dozer Spreader Seed	4 703 2 55 7 388 * (arces)	2,812 110 2,716 2,716
Seedbed Preparation (Riparian)	1	3	160	480	Land Imprinter Dozer Spreader Fertilizer Disk Harrow Seed	2 200 3 703 1 55 1 55 1 55 1 55 3 236 * (arces)	400 2,109 55 55 55 55 708 2,589
Contour Trenching	1	5	160	800	Dozer	5 703	3,515 4,315
Mulch	10	21	160	25,200	Erosion Mat	10 1,100	11,000 36,200

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GAS & MINING PRICE UTAH

SURETY BOND ESTIMATE
TABLE 3-4

ITEM	AMOUNT LABOR MAN/SHIFT ^{1,8}		COST/MAN SHIFT	LABOR COST	EQUIPMENT REQUIREMENTS ³	MATERIAL ⁴ EQUIPMENT SHIFT/COST ⁵	MATERIAL EQUIPMENT TOTAL/COST	TOTAL LABOR MATERIALS EQUIPMENT ¹¹
Containerized	2	3	120	720	Plant Materials	-	694	<u>1,414</u>
							SUBTOTAL	\$56,096
MISCELLANEOUS								
Hand tools	N/A ⁽⁷⁾	N/A ⁽⁷⁾	N/A	N/A	Cutting Torch, etc	N/A	2,000	2,000
Soil Analyses (Pregrade)	N/A ⁽¹⁸⁾	N/A ⁽¹⁸⁾	N/A	N/A	Handtools, Backhoe	N/A	600	600
Soil Analyses (Postgrade)	N/A	N/A	N/A	N/A	Handtools, Bags	N/A	920	920
Supervision ⁽⁸⁾	1	122	200	24,400	N/A	N/A	N/A	24,400
Mobilization	N/A	N/A	N/A	N/A	Miscellaneous Equipment	N/A	2,000	2,000
Monitoring Maintenance	1	10	200	20,000	See Handtools	N/A	1,000	<u>41,000</u>
							SUBTOTAL	\$70,920
							TOTAL	\$358,387

3-78

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SEP 23 1995
SUPPLY

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**PacifiCorp
Trail Mountain Mine**

**TABLE 3-5
RECLAMATION COST BREAKDOWN FOR RECLAMATION BOND**

1.	Surface Facility Removal	\$120,072
2.	Earth Moving and Recontouring	\$108,407
3.	Rip-Rap	\$10,980
4.	Revegetation	\$56,096
5.	Miscellaneous*	\$70,920
	SUBTOTAL (1984 Dollars)	\$366,475
	+10% Contingency	\$36,637
	SUBTOTAL	\$403,122
	+5.1% Reclamation Management	\$20,156
	TOTAL	\$423,278
	Add an inflation factor of 6.78 percent over 5 year Permit Term (1984 - 1989)	\$160,840
	SUBTOTAL	\$584,118

<u>YEAR</u>	<u>ESCALATION FACTOR***</u>	<u>ESCALATED TOTAL</u>	<u>YEAR</u>	<u>ESCALATION FACTOR</u>	<u>ESCALATED TOTAL</u>
1989	-	\$584,118	1990	0.77%	\$588,615
1991	1.27%	\$596,091	1992	2.21%	\$609,265
1993	2.54%	\$624,740	1994	2.01%	\$637,297
1995	2.01%	\$650,680	1996	2.01%	\$663,759
1997	2.01%	\$677,100	1998	2.01%	\$690,718
1999	2.01%	\$704,593			

~~\$704,593~~
144,266
~~\$848,859~~

TOTAL SURETY ESTIMATE (1999 Dollars)

****1993 Exploration Drilling
SUGGESTED SURETY ESTIMATE**

*Miscellaneous costs include all monitoring and maintenance related costs for successful reclamation establishments.
**Total includes +10% Contingency = 12,622 and +4.3 Reclamation Management = 5,427. Original Cost 1994 Dollars = 126,217.
***Escalation Factors taken from Means

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TABLE 7-8

DESIGN CRITERIA SEDIMENT POND INLETS

<u>Location</u>	<u>Curb/Gutter (Upper Section)</u>	<u>Curb/Gutter (near Pond) (Lower Section)</u>	<u>Switchback</u>	<u>Culvert from Road</u>	<u>Mine Waterline</u>
Disturbed	9.45	8.800	0.18	0.287	-
Undisturbed Drainage Area (ac.)	26.61	14.700	3.79	-	-
Precipitation -10/24 (in.)	2.4	2.4	2.4	2.4	-
Flow (cfs)	22.56	22.56	4.65	0.45	0.20
Slope (%)	0.075	0.200	0.400	0.020	-
Bottom Width (ft.)	0.01	0.01	0.01	-	-
Side Slope (h:v)	4:1	5:1	2:1	-	-
Manning's N	0.013	0.015	0.035	0.024	-
Velocity (fps)	12.82	14.82	9.79	2.50	-
Flow Depth (ft.)	0.66	0.40	0.48	0.42	-
Runoff CN	78.5	78.5	78.5	90.0	-
Area Reg'd (Sq. Ft.)	1.76	1.52	0.48	0.18	-
Min. Structure Area (Sq. Ft.)	2.00	1.77	1.00	3.14	-

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TABLE 7-9

Sedimentation pond storage and spillway capacity requirements.

VARIABLE

Disturbed Area, in acres	9.45
Undisturbed Area, in acres	26.61
Total Area (A), in mi ²	0.56
Weighted Curve Number (Disturbed Area)	78.5
Weighted Curve Number (Undisturbed Area)	72.0
S, in inches	2.74
25-year, 24-hour Precip. (P) in inches	2.9
25-year, 24-hour Runoff (Q) in inches (Disturbed)	1.22
25-year, 24-hour Runoff (Q) in inches (Undisturbed)	0.75
Hydraulic Length (L), in feet	2200
Average Watershed Slope (Y), in percent	8.0%
Time of Concentration (T _c), in hours	0.37
25-year, 24-hour Peak inflow, in cfs	36.46
10-year, 24-hour Precip., in inches	2.4
10-year, 24-hour Runoff, in inches (Disturbed)	0.75
10-year, 24-hour Runoff, in inches (Undisturbed)	0.48
10-year, 24-hour Runoff, in ac-ft	1.65
Sediment Storage Requirement, in ac-ft.	0.47
Pond Storage Requirement, in ac-ft.	2.12

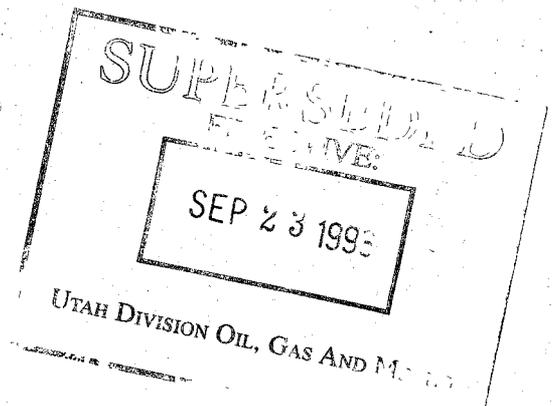
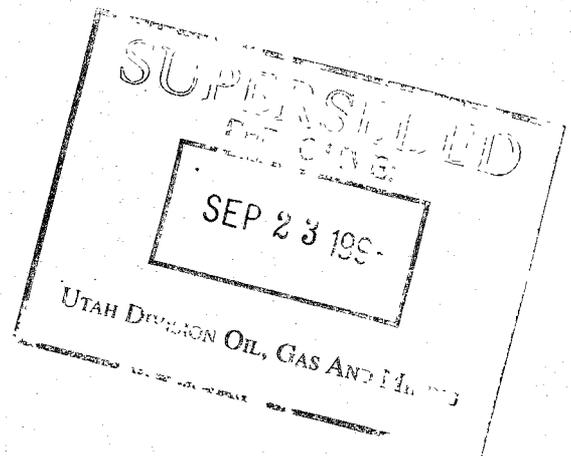


TABLE 7-10

Design values of the sedimentation pond.

Sediment Storage Volume (ac-ft.)	0.47
Runoff Storage Volume (ac-ft)	1.65
Total Storage Volume (ac-ft)(Design Volume)	2.12
Embankment height at Design Volume*(ft)	14.50
Spillway Capacity (cfs)	36.5
Spillway Diameter(inches)	48.00
Head Above Spillway Crest as Design Discharge(ft)	0.80
Required Freeboard(ft)	1.00
Required Total Embankment Height*(ft.)	16.00
Actual Embankment Height of Existing Ponds(ft)	17.00
Total Width(ft.)	11-13





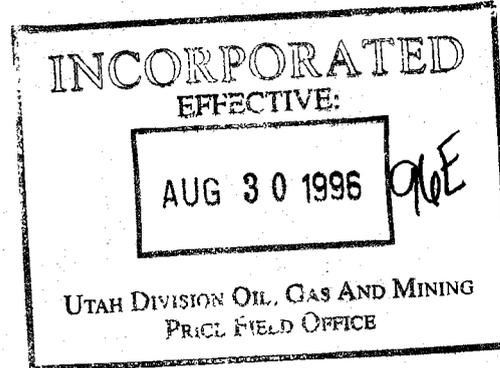
State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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)

August 28, 1996

Val Payne
Sr Environmental Engineer
Energy West Mining
PacifiCorp
PO Box 310
Huntington, Utah 84528



RE: Parking Lot, Trail Mountain Mine, PacifiCorp, ACT/015/009-96E, Folder #3, Emery County, Utah

Dear Mr. Payne:

This approves your permit amendment application received at the DOGM Price Field Office on July 25, 1996. The approval is effective August 30, 1996.

Follow-up Action By Permittee

Since the project involves on-the-ground construction, please submit, within 30 days after project completion, the following documents:

- (1) Unshaded/highlighted tables 7-8, 7-9, 7-10, 3-4, and 3-5.
- (2) Certified Updated Surface Facilities Map.

On item (1) above no changes are required other than eliminating the shading.

Project Description

The need for additional vehicle parking at the Trail Mountain Mine was the driving force behind this amendment. With the intertie of the Cottonwood and Trail Mountain mines, nearly the entire work force now reports to work at the Trail Mountain mine. Vehicle parking, primarily at shift change, has been determined to be inadequate.

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V. Payne/Trail Mountain

Parking Lot - 96E

August 28, 1996

The components of the project include the following:

- (1) Extending the disturbed area in a northerly direction approximately 87' resulting in increasing the disturbed area less than one-tenth of an acre (0.063).
- (2) Installing and extending the existing 66" undisturbed Cottonwood Creek culvert 70' to the north.
- (3) Drainage and runoff treatment systems on the extended parking lot includes:
 - not comingling disturbed and undisturbed drainage.
 - majority of the disturbed runoff will be treated by the existing sediment pond and a remaining smaller area by a silt fence.
- (4) The approved plan provides for vegetal and soil removal and storage in prior approved areas in accordance with the coal rules.
- (5) Construction practices have been incorporated to safeguard environmental and other values.
- (6) The parking lot will be surfaced and details are included in the approved plan.

Analysis

The parking lot extension will provide necessary safe permanent parking for mine and others who have business at the mine. A detailed plan provides for environmental safeguards during construction, operations, and final reclamation. The plan has been determined to be consistent with the Utah Coal Rules and key items are documented in the findings enumerated below.

Findings

- (1) The applicant submitted a complete and accurate amendment application.
- (2) DOGM PERMIT STATUS. The addition lies within the current permit.

- (3) ACTIVE MINE. The area is included in an active approved coal mining and reclamation operation and is within the undisturbed area.
- (4) LAND STATUS. The land is patented land owned by PacifiCorp.
- (5) OTHER APPROVALS/COORDINATION. The addition lies within 100' of Emery County Road #57. The permittee has obtained the approval of Emery County. As related to public notice required by R645-103-234, this is part and parcel of the intertie of the Trail Mountain and the Cottonwood Mines, which was advertised in local newspaper as required. Other agencies who have a stake in the outcome were notified by letter from the undersigned dated July 31, 1996 together with subsequent telephone coordination.

The permittee has applied for a stream alteration permit from the State Engineer. Mr. Mark Page advised the undersigned that he reviewed the amendment and has no problem with the proposal.

The Division of Wildlife recommended approval. They have reached an understanding on a riparian/macro invertebrate mitigation plan with PacifiCorp. It has been concluded by The Division of Wildlife, PacifiCorp, and the undersigned that no suitable area for a mitigation exists within the Cottonwood permit area. Therefore, mitigation will take place outside of the mine permit area, and, therefore, outside of DOGM area of jurisdiction.

The amendment, as approved herein, by reference includes the stipulations itemized by the State Engineer and the Division of Wildlife.

- (6) IMPACTS. The project does not have any material adverse impacts to hydrologic balance, nor does it involve any existing critical habitat.

Based on the runoff calculations, the current sediment pond has adequate capacity to contain runoff from 0.043 disturbed area. The amendment also approves primary runoff treatment of a 0.02 acres by a silt fence under BTCA guidelines.

- (7) RECLAMATION AND BONDING. The reclamation plan on the instant amendment is approved. The current reclamation plan on the existing culvert and parking lot has equal application to the culvert and parking lot extensions and is included as a finding on reclamation adequacy.

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V. Payne/Trail Mountain

Parking Lot - 96E

August 28, 1996

- (8) RECORD UPDATE. The technical analysis does not have to be updated. The reason is twofold: (1) the current plan discusses reclaiming the "parking lot" and restoring the undisturbed drainage currently occupied by a 66" culvert, and (2) the existing bond has been determined to be adequate as covered by the identified contingency and reflected in the updated reclamation costs.

Sincerely,



Wm. J. Malencik
Reclamation Specialist

sd

Enclosure

cc:

Ranvir Singh, OSM, Denver
Mark Bailey, BLM, Price
Janette Kaiser, USFS, Manti-LaSal
Mark Page, DWR, Price, w/o enc
Dave Ariotti, DEQ, Price, w/o enc
Bill Bates, DWR, Price, w/o enc
David Terry, Trust Lands, SLC, w/o enc
Pam Grubaugh-Littig, DOGM, SLC, w/o enc
Joe Helfrich, DOGM, SLC

July 31, 1996

FIELD(First) FIELD(Last), FIELD(Title)
FIELD(Company)
FIELD(Address)
FIELD(Street)
FIELD(City), FIELD(State) FIELD(Zip)

RE: Parking Lot/Culvert Extension, PacifiCorp, Trail Mountain, ACT/015/009-96E, Folder #2, Emery County, Utah

Dear FIELD(Courtesy). FIELD(Last):

Attached is a copy of a permit amendment application prepared by PacifiCorp under the Utah Coal Rules.

With recent changes and the intertie of the Cottonwood and Trail Mountain Mines, additional vehicle parking area is needed at the Trail Mountain Mine. The project involves extending the current parking lot in a northerly direction approximately 87 feet.

Other highlights associated with this project follows:

- 1) Increase the disturbed area by 0.063 acres.
- 2) Extend the existing 66" culvert in Cottonwood Creek 70' upstream.
- 3) Riparian habitat area, 0.066 acres, will be impacted with plans to mitigate adverse effects included in the application.
- 4) Disturbed runoff not reporting to the sediment pond will be treated with silt fences.
- 5) Standard practices for vegetal removal and topsoil removal and storage will be employed.

Page 2

FIELD(Courtesy). FIELD(Last)

Trail Mountain-96E

July 31, 1996

- 6) Construction details are included in the enclosure; however, the construction and installation, you will note, will follow methods employed in the previous installation.
- 7) The project involves patented surface estate controlled by PacifiCorp.

Please submit your recommendations and comments to me at the Price Field Office, or a phone call of concurrence would suffice. Under existing procedures, as related to state agencies, copies of the amendment are available for review at the DOGM Price Field Office. Please refer to DOGM Director's Memorandum, which changed the previous procedures. However, in order to expedite this amendment, we are sending concerned state agencies a copy. Would appreciate the state agencies returning the enclosure after completing your review, since the mines by management direction no longer need to provide review copies for state agencies. If you need more information, please call me.

Sincerely,

Wm. J. Malencik
Reclamation Specialist

sd

enclosure

cc: Val Payne, PacifiCorp, Huntington, w/o enc

APPLICATION FOR PERMIT CHANGE

Title of Change: AMENDMENT TO EXTEND PARKING LOT/CULVERT

Permit Number: ACT 1 015 1009

Mine: TRAIL MOUNTAIN

Permittee: PACIFICORP.

Description, include reason for change and timing required to implement: TO PROVIDE ADEQUATE PARKING FOR ALL EMPLOYEES NOW ASSIGNED TO THE MINE - 30 DAYS TO COMPLETE PROJECT

<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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2. Change in the size of the Disturbed Area? <u>0.063</u> acres <input checked="" 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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Permit change as a result of other laws or regulations? Explain:
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the permit change affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	12. Does permit change require or include collection and reporting of any baseline information?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	14. Does permit change require or include soil removal, storage or placement?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	16. Does permit change require or include construction, modification, or removal of surface facilities?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	17. Does permit change require or include water monitoring, sediment or drainage control measures?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	18. Does permit change require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does permit change require or include underground design or mine sequence and timing?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does permit change require or include subsidence control or monitoring?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area?

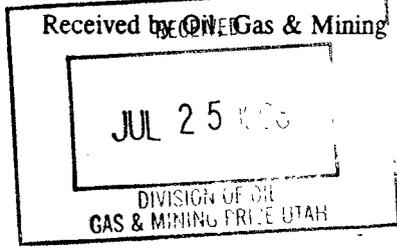
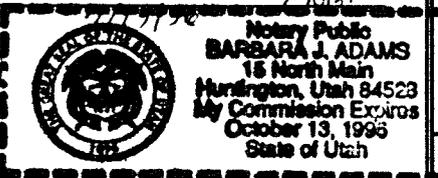
Attach **3** complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Richard Northrup RICHARD NORTHRUP ENVIR. ENG.
Signed - Name - Position - Date

Subscribed and sworn to before me this 19th day of July, 1996
Barbara J. Adams
Notary Public

My Commission Expires: 10-13, 1996
Attest: STATE OF UTAH
COUNTY OF EMERY



ASSIGNED PERMIT CHANGE NUMBER
96E



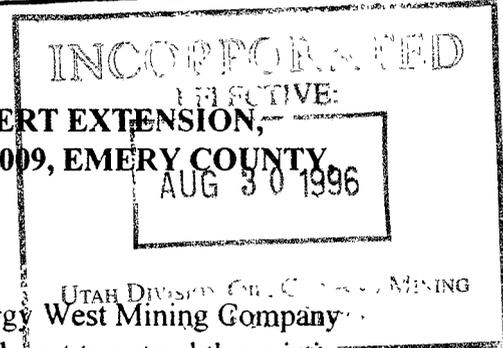
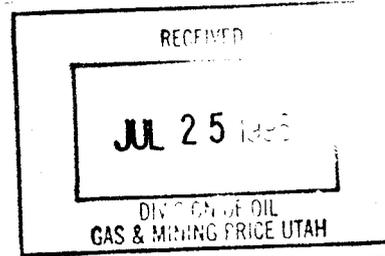
July 19, 1996

Division of Oil, Gas and Mining
451 East 400 North
Box 156
Price, Utah 84501

Attention: Mr. Bill Malencik

**Re: AMENDMENT FOR PARKING LOT/ CULVERT EXTENSION,
PACIFICORP, TRAILMOUNTAIN MINE, ACT 015009, EMERY COUNTY,
UTAH.**

96E



PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, herewith submits an amendment to extend the existing parking lot approximately 87' to the North. This will require extending the present Culvert 70' upstream in the Cottonwood Creek.

Please refer to the underlined text of the attached pages 7-36 and 7-37, (7) copies, that are part of the permit and reflect information pertaining to the existing 66" culvert. Find the curb/ gutter calculations of Table 7-8, (2 of 5, 3 of 5) and the curb drawing, chapter 7, Volume II. (These are for your information.) Detailed reference and documentation are found in Appendix 7-3 and 7-13, (Calculations).

It is intended that the previously approved data formulated for the 66" culvert and rip-rap will be sufficient to cover the required information for this proposal. Basically, the same process of construction will be utilized for the proposed project.

Please find attached, Table 7-2, Appendix 7-16, (7) copies, that reflects surface run-off calculations associated with the expansion area. These figures indicate that current curb sizing is adequate to handle the additional amount of runoff. The entire sediment pond requirements are summarized in Chapter 7, beginning on page 7-35 and particularly Table 7-9 and 7-10 of the M.R.P. Tables 7-8 (1 of 5), 7-9 and 7-10 of the M.R.P. are revised and (7) copies of each are attached.

Huntington Office:
(801) 687-9821
Fax (801) 687-2695
Purchasing Fax (801) 687-9092

Deer Creek Mine:
(801) 381-2317
Fax (801) 381-2285

Cottonwood Mine:
(801) 748-2319
Fax (801) 748-2380

Please find attached (7) copies of drawing TMS1599D for your use in reviewing the parking lot extension Amendment.

The disturbed area increase is addressed in Appendix 7-16, Page 1.

Please find attached (7) copies of changes to page 3-11 and 3-33 Volume 1, which reflect revised totals of the disturbed area. Drainage Controls, Figure 7-5, drawing TMS1371D and Surface Facilities, Figure 3-1, drawing TMS1362D in Volume 3 will be updated to reflect the changes that occur. These drawings will be submitted after construction is completed.

Please find attached (7) copies of the calculations for Volume of backfill required to complete the project (approximately 1,000 Cu. Yds.), shown as Table 7-3, Appendix 7-16.

Please find attached (7) copies of a drawing Labeled Appendix 7-16, Figure 4, depicting the existing trash rack that will be salvaged and replaced at the inlet of the 96 " to 66" transition of CMP culvert.

Please find attached (7) copies of the drawing TMS1605A, Figure 2 and TMS1607B, Figure 3, Appendix 7-16.

The reclamation bond increase calculations associated with this project have been addressed. Please find attached (7) copies of pages 3-76, 3-77, 3-78 and 3-81 of Chapter 3, Volume I, that reflect the changes and will be placed in the permit when this amendment has been approved.

Thank you for your help and assistance, if there any questions or concerns please call Richard Northrup at 687-4822 or myself at 687-4722.

Sincerely,



Val E. Payne
Sr. Environmental Engineer

