



Energy West Mining Company  
P.O. Box 310  
15 No Main Street  
Huntington, Utah 84528

C/015/0009  
Received 11/4/14  
Task ID #4716

Electronically Submitted

November 3, 2014

Utah Coal Program  
Utah Division of Oil, Gas, and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

**Subj: Amendment to Trail Mountain Mine MRP, PacifiCorp, Trail Mountain Mine C/015/0009, Emery County, Utah.**

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company "Energy West" as mine operator, hereby submits an amendment to amend the Trail Mountain Mine MRP, Appendices Volume, Appendix 7-1, as a response to the approved reduction in water monitoring responsibilities of the Deer Creek, Cottonwood and Trail Mountain mines.

Energy West recently submitted (September 19, 2014) an amendment to the Volume 9 which covers the specific hydrological information for the East Mountain Cumulative Hydrologic Impact Area (CHIA). The Division, in response, required Energy West to update the MRP's of the Cottonwood/Wilberg, Deer Creek, and Trail Mountain mines to include the hydrologic monitoring responsibilities specific to each mine. Although the Trail Mountain MRP included the hydrologic monitoring program responsibilities, there are changes to that monitoring program.

This submittal includes the amended hydrologic monitoring program table that outlines the hydrologic monitoring required for the Trail Mountain Mine. The required C1/C2 forms are also included with this submittal.

If you have any questions concerning this submittal, please contact Dennis Oakley at 435-687-4825.

Sincerely,

Kenneth Fleck  
Geology and Environmental Affairs Manager

Cc: file

Encl Appendix Volume, Appendix 7-1  
C1/C2 Forms

# APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

Permittee: PacifiCorp

Mine: Trail Mountain Mine

Permit Number: C/015/0009

Title: Amendment to Trail Mountain Mine MRP, PacifiCorp, Trail Mountain Mine C/015/0009, Emery County, Utah.

Description, Include reason for application and timing required to implement:

**Instructions:** If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes  No 1. Change in the size of the Permit Area? Acres: \_\_\_\_\_  increase  decrease.
- Yes  No 2. Is the application submitted as a result of a Division Order? DO# \_\_\_\_\_
- Yes  No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes  No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes  No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes  No 6. Does the application require or include public notice publication?
- Yes  No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes  No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes  No 9. Is the application submitted as a result of a Violation? NOV # \_\_\_\_\_
- Yes  No 10. Is the application submitted as a result of other laws or regulations or policies?  
*Explain:* \_\_\_\_\_
- Yes  No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes  No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes  No 13. Does the application require or include collection and reporting of any baseline information?
- Yes  No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes  No 15. Does the application require or include soil removal, storage or placement?
- Yes  No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes  No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes  No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes  No 19. Does the application require or include certified designs, maps or calculation?
- Yes  No 20. Does the application require or include subsidence control or monitoring?
- Yes  No 21. Have reclamation costs for bonding been provided?
- Yes  No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes  No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

**Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you.** (These numbers include a copy for the Price Field Office)

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.

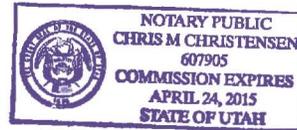
Kenneth Fleck  
Print Name

Kenneth S. Fleck  
Sign Name, Position, Date

Manager of Environmental Affairs NOV. 3, 2014

Subscribed and sworn to before me this 3<sup>rd</sup> day of November, 2014

Chris M Christensen  
Notary Public



My commission Expires:

Attest: State of Utah April 24, 2015 } ss:  
County of Emery

<b>For Office Use Only:</b>	<b>Assigned Tracking Number:</b>	<b>Received by Oil, Gas &amp; Mining</b>



**PacifiCorp**  
**Energy West Mining Company**

Amendment to Trail Mountain Mine MRP, PacifiCorp, Trail Mountain Mine  
C/015/0009, Emery County, Utah.

**Appendices Volume, Appendix 7-1**

Replace Hydrologic Monitoring Program Table

## WATER MONITORING PROGRAM

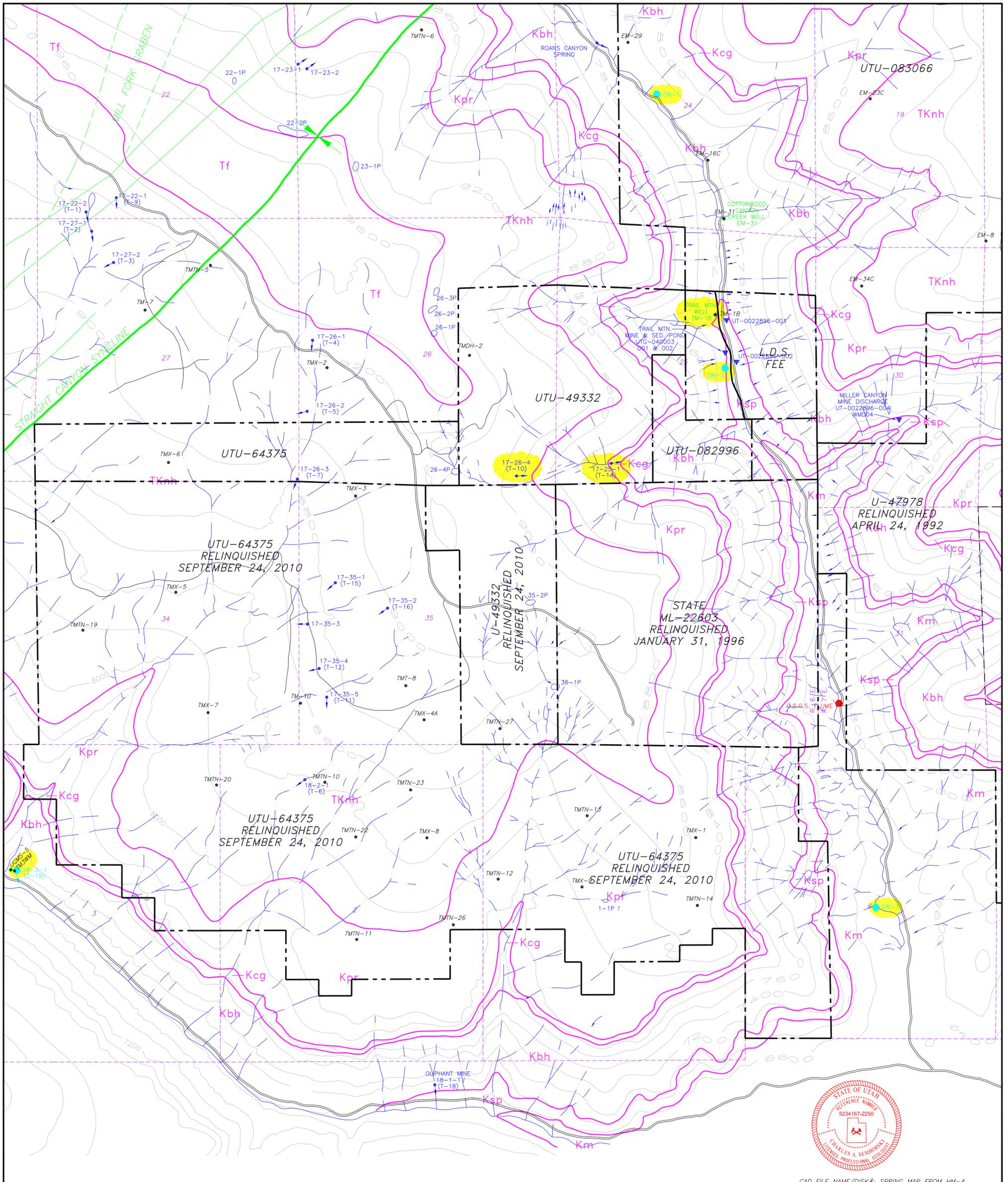
<u>STATION</u>	<u>LOCATION</u>	<u>TYPE</u>	<u>GEOLOGIC OCCURRENCE</u>	<u>FREQUENCY</u>	<u>STATUS</u>	<u>RESULTS TO:</u>	<u>REMARKS</u>
SW-1	Cottonwood Cyn Above Mine	Intermittent Stream	Surface Stream Crossing Blackhawk Formation	Monthly-Field Quarterly-Quality	Operational	DOGM	Oil & Grease Quarterly
SW-2	Cottonwood Cyn Below Mine	Intermittent Stream	Surface Stream Crossing Starpoint/Mancos Formation	Monthly-Field Quarterly-Quality	Operational	DOGM	Oil & Grease Quarterly
SW-3	Cottonwood Cyn Below Mine	Intermittent Stream	Surface Stream Crossing Mancos Formation	Monthly-Field Quarterly-Quality	Operational	DOGM	Oil & Grease Quarterly
T-10	Trail Mountain Section 26	Spring	Spring in North Horn Formation	Quality July/Oct Field July-Oct	Operational	DOGM	Inaccessible During Winter
T-14	Trail Mountain Section 25	Spring	Spring in Upper Price River / Castlegate SS Formation	Quality July/Oct Field July-Oct	Operational	DOGM	Inaccessible During Winter
TM-1B	Mine Surface Near Bathhouse	Well		Quarterly	Operational	DOGM	
TM-3	Straight Canyon	Well		Monthly	Water Level	DOGM	
UT-0023728-001	Trail Mountain Sediment Pond	Point Discharge		Monthly	Operational	DOGM/DWQ	Oil and Grease if Visible
UT-0023728-001	Trail Mountain Mine Discharge	Point Discharge		Monthly	Operational	DOGM/DWQ	Oil and Grease if Visible

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**Appendices Volume, Appendix 7-1**

Add Hydrologic Monitoring Location Map



LEGEND	
	LEASE BOUNDARY
	FAULT (DASHED WHERE INFERRED)
	WATER MONITORING STATION WITH FLUME
	WATER MONITORING STATION
	UPDES DISCHARGE LOCATION
	GROUND WATER MONITORING LOCATIONS
	•EM-73 DRILL HOLE
	LAKE
	TROUGH
	POND
	SPRING
	MONITORING WELL
<b>TKnh</b>	NORTH HORN FORMATION
<b>Tf</b>	FLAGSTAFF FORMATION
<b>Kpr</b>	PRICE RIVER FORMATION
<b>Km</b>	MANCOS SHALE
<b>Ksp</b>	STARPOINT SNADSTONE
<b>Kbh</b>	BLACKHAWK FORMATION
<b>Kcg</b>	CASTLEGATE SANDSTONE

**ENERGY WEST  
MINING COMPANY**  
 A SUBSIDIARY OF PACIFICORP

**TRAIL MOUNTAIN MINE  
WATER MONITORING  
LOCATION MAP**

DRAWN BY: <b>K. LARSEN</b>	DRAWING #: .....
SCALE: <b>1" = 1200'</b>	SHEET <b>1</b> OF <b>1</b>
DATE: <b>NOVEMBER 4, 2014</b>	REV. ....