



Interwest Mining Company  
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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

Electronically Submitted  
June 17, 2019

**Subj: Amendment to Update the Cottonwood/Wilberg Mine Permit to Show Current Bond as a Result of the Approved Phase I Bond Release, Wilberg/Cottonwood Mine, C/015/0019, Emery County, Utah.**

PacifiCorp, by and through its wholly-owned subsidiary, Interwest Mining Company, as mine manager, hereby submits and amendment to the Cottonwood/Wilberg Mining and Reclamation Permit (MRP). This permit is being revised as a result of the recent (May 7, 2019) approval of the Phase I Bond Release Application of the entire Cottonwood/Wilberg mine site and other areas that were once used in support of mining operations.

Dates upon which reclamation was completed is shown below:

Site Location	Acreage	Date Reclaimed
Cottonwood/Wilberg Mine Site	22.0	March 2018
Rock and Soil Storage Area	1.81	March 2018
Leach Field Area*	3.7	1978
TMA Area	1.86	November 2014

\*Regraded area equals 2.08 acres that were revegetated in 1978. The exact month that revegetation was completed is unknown.

The current bond amount is \$2,443,081.00. As required by R645-301-880.310, the Division may release 60% of the bond at the completion of backfilling and grading (Phase I Bond Release). The Division approved Phase I Bond Release on May 7, 2019 (see Task ID #5869).

Included in this amendment is the revised Volume 2, Part 4, Appendix H cover, the revised Bond Summary page, and a page that is being added to justify retaining the historic bond calculations. C1/C2 forms are also included.

At the approval of this amendment, Interwest Mining Company will revise the Legal and Financial to show current conditions of the mine. Please contact Dennis Oakley at 435-687-4825 or myself at 435-687-4721 if you have any concerns regarding this amendment.

Sincerely,

Kenneth S. Fleck

Manager of Geology and Environmental Affairs

Enclosures

## APPLICATION FOR COAL PERMIT PROCESSING

Permit Change  New Permit  Renewal  Exploration  Bond Release  Transfer

**Permittee:** PacifiCorp

**Mine:** Cottonwood/Wilberg Mine

**Permit Number:** C/015/0019

**Title:** Amendment to Update the Cottonwood/Wilberg Mine Permit to Show Current Bond as a Result of the Approved Phase I Bond Release, Wilberg/Cottonwood Mine, C/015/0019, 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 Kenneth S. Fleck Manager of Environmental Affairs JUNE 17, 2019  
 Print Name Sign Name, Position, Date

Subscribed and sworn to before me this 17<sup>th</sup> day of June, 2019

Miranda Lofley  
 Notary Public

My commission Expires: Utah 03-26, 2022  
 Attest: State of Utah } ss:  
 County of Emery



<p><b>For Office Use Only:</b></p>	<p><b>Assigned Tracking Number:</b></p>	<p><b>Received by Oil, Gas &amp; Mining</b></p>
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# 2021

## Cottonwood/Wilberg Mine: Reclamation Cost Estimates

Note: All disturbed areas have been reclaimed. Latest date of reclamation was March 2018 of the mine site area. Phase I bond release was approved on May 7, 2019. The current amount of the bond reflects the total after the Phase I bond release. Historic reclamation costs have been retained for records preservation.



Interwest Mining Company

C015/0019

**Cottonwood/Wilberg Mine  
Bond Summary  
C/015/0019**

**Revised June 2019**

**Direct Costs**

**Grimes Wash Facility**

Demolition	\$967,887.38
Earthwork	\$673,586.42
Revegetation	<u>\$36,172.85</u>
Subtotal	\$1,677,646.66

**Overland Conveyor**

Demolition	\$23,494.49
Earthwork	\$10,825.80
Revegetation	<u>\$3,061.91</u>
Subtotal	\$37,382.20

**Total Direct Costs \$1,715,028.86**

**Indirect Costs**

Mob/Demob	\$171,503.00	10.0%
Contingency	\$85,751.00	5.0%
Engineering Redesign	\$42,876.00	2.5%
Main Office Expense	\$116,622.00	6.8%
Project Mainagement Fee	<u>\$42,876.00</u>	2.5%

**Total Indirect Costs \$459,628.00 26.8%**

**Total Cost (2011 Dollars) \$2,174,656.86**

Escalation factor		0.017
Number of years		5
Escalation	\$191,238.00	

**Bond Amount (2016 Dollars) \$2,365,895**

Escalation factor		0.007
Number of years		5
Escalation	\$77,186.00	

**Bond Amount (2021 Dollars) \$2,443,081**

Phase I Bond Release (Approved 5/7/2019) \$1,465,848.52

**Revised Bond Amount after Bond Release (2021 Dollars) \$977,232.34**

Note: Reclamation of the Cottonwood/Wilberg Mine site was completed in March of 2018. Phase I Bond Release of all disturbed sites was accepted and approved by Utah Division of Oil, Gas, and Mining on May 7, 2019. As per Utah Coal Regulation R645-301-880.310, the 2021 Reclamation Costs of \$2,443,081.00 have been reduced 60% to \$977,232.34. Historical reclamation costs have been retained to preserve the estimated demolition, earthwork, and revegetation costs. The summary page will be periodically updated showing the current required bond amount.



Panoramic view looking down canyon on the Wilberg portal bench. Photo date March 2018.