



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

July 17, 2018

Ken Fleck, Manager of Geology and Environmental Affairs  
Interwest Mining Company  
P.O. Box 310  
Huntington, Utah 84528

Subject: Conditional Approval of Amend Hydrologic Monitoring Sites, PacifiCorp,  
Cottonwood/Wilberg Mine, C/015/0019, Task #5691

Dear Mr. Fleck:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by August 17, 2018. Once we receive these copies, final approval will be granted.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan.

If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock  
Coal Program Manager

DRH/sqs  
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## Technical Analysis and Findings

### Utah Coal Regulatory Program

**PID:** C0150019  
**TaskID:** 5691  
**Mine Name:** COTTONWOOD/ WILBERG  
**Title:** AMEND HYDROLOGIC MONITORING SITES

## Summary

Final reclamation of the Cottonwood-Wilberg mine was completed in late-March 2018. Reclamation included removing the two sediment ponds and the outfall associated with these structures at the site. This amendment updates narratives, tables, and a map to reflect the actively monitored sites for the mine's water monitoring program. The Division received this amendment on June 6, 2018 and has assigned it to Task #5691.

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## Reclamation Plan

### Hydrological Information Reclamation Plan

#### Analysis:

The amendment meets the State of Utah R645 requirements for Hydrologic Reclamation Plan.

The sediment ponds have been removed from the Cottonwood-Wilberg mine site. The mine implemented pocking on all reclaimed hillslopes allowing them to contemporaneously remove the sediment ponds during final reclamation. Once the sediment ponds are gone the Division of Water Quality no longer has an outfall associated the sediment control structures. The amendment has updated the tables, narratives and map HM-1B outlining the water monitoring program that is found in Volume's 1 and 9 to reflect the removal of the sediment pond outfall.

The amendment also removes CCC01 from the water monitoring program. This water monitoring location was dropped from the water monitoring program years ago. The flume where water was monitored at this location was washed away in a major runoff event. Removing this site from the water monitoring program corrects the tables to only reflect actively monitored sites.

The mine will continue to monitor sites above and below the reclaimed site through bond release as per R645-301-731.200. The mine does not actively monitor any groundwater monitoring sites.

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