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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 14, 2017

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

Subject: New Water Monitoring Locations, PacifiCorp, Deer Creek Mine, C/015/0018,
Task ID #5364

Dear Mr. Fleck:

The Division has reviewed your application. The Division has identified deficiencies that must be addressed before final approval can be granted. The deficiencies are listed as an attachment to this letter.

The deficiencies authors are identified so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. Please resubmit the entire application.

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

Sincerely,

A handwritten signature in blue ink that reads "Daron R. Haddock".

Daron R. Haddock
Coal Program Manager

DRH/sqs
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Technical Analysis and Findings

Utah Coal Regulatory Program

PID: C0150018
TaskID: 5364
Mine Name: DEER CREEK MINE
Title: NEW WATER MONITORING LOCATIONS

Operation Plan

Hydrologic General

Analysis:

The amendment does not meet the State of Utah R645 requirements for Water Monitoring.

The amendment adds new monitoring sites associated with the gravity discharge and removes sites from the MRP text released in an earlier task.

The Rilda Canyon Pipeline will be monitored for flow at its beginning near the portals and its end at the Raw Water Holding Pond. Monitoring flow in multiple locations will allow for any leakage(s) in the pipeline to be detected and repaired prior to material damage occurring outside the permit area. The end of the pipeline will be monitored monthly at site DCDRCP for operational parameters. The number of flow meters and their locations along the pipeline is unclear in the water monitoring program. The flow meters should be named and included individually in the water monitoring program and their locations should be included on the Hydrology Data Map. This will allow the water monitoring program to be a clear and concise standalone document.

The East Mountain Springs and Cottonwood Creek Canyon water monitoring sites were removed from the surface water monitoring program in Task #4686.

Deficiencies Details:

R645-301-731.211: The amendment does not meet the State of Utah R645 requirements for Water Monitoring.

The number of flow meters and their locations along the pipeline is unclear in the water monitoring program. The flow meters should be named and included individually in the water monitoring program and their locations should be shown on the Hydrology Data Map. This will allow the water monitoring program to be a clear and concise standalone document.

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