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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

July 2, 2013

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

Subject: Reduce Hydrologic Monitoring Sites, PacifiCorp, Deer Creek, C/015/0018, Task ID #4332

Dear Mr. Fleck:

The Division has reviewed your application to reduce hydrologic monitoring sites at the Deer Creek Mine. 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 initials of the deficiencies authors are provided so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. Please resubmit the entire application by no later than August 2, 2013.

If you have any questions, please call me at (801) 538-5350.

Sincerely,

Steve Christensen
Permit Supervisor

SKC/JCO/ss
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Deficiency List

Task No. 4332

Reduce Hydrologic Monitoring Sites

Members of the review team with outstanding deficiencies:

Ken Hoffmann (KH)

R645-301-731.214: The Permittee requests to suspend monitoring of springs 80-48, 89-66, 89-67, 89-68, 17-25-1, 17-26-4, 79-28, and 89-65 and well TM-1B. In order to grant suspension of these locations a detailed analysis of the water quality data for each location must be submitted. (KH)

R645-301-731.214: Springs 80-47, 82-52 and 89-60 appear to lack pre-mining dataset, however the Permittee's analysis justification is that pre- and post-mining data are similar. The Permittee shall either define their justification in more detail or reexamine their justification in light that a pre-mining dataset might not be available. (KH)

R645-301-731.214: The Division requires greater analysis and justification of springs 17-35-1, 18-1-1, 18-2-1, 79-23, 79-24, 80-43, 80-44, 80-46, and 84-56. In particular, when mining was conducted compared to flows. (KH)

R645-301-731.214: The Permittee should apply for removal of monitoring of well TM-3 once 6,900 ft. is reached so the full dataset available at that time maybe analyzed. The Division does not find compelling reason to stipulate the removal of this monitoring. (KH)

R645-301-731.224: Sampling of surface water upstream and downstream of surface facilities will continue to be required. GWR01, GWR02, GWR03, SW-1, SW-2, SW-3 and USGS Flume must be continued to be monitored. If the Permittee continues to feel these sites should be suspended a detailed analysis must be submitted. (KH)