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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

December 16, 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 Mine, C/015/0018,  
Task ID #4443

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 deficiencies author is identified so that your staff can communicate directly with that individual should questions arise. The plans as submitted are denied. The Division would like to conduct site visits to each location before ceasing of sampling so that each location can be fully evaluated. You should continue monitoring according to the plan that is currently approved until a change has been authorized. Curtailing monitoring on any site prematurely could result in enforcement action.

We anticipate that you will want to resubmit your application during the next field season when the site visits can be accomplished.

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

Sincerely,

Daron R. Haddock  
Permit Supervisor

DRH/sqs  
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## Technical Analysis and Findings

### Utah Coal Regulatory Program

**PID:** C0150018  
**TaskID:** 4443  
**Mine Name:** DEER CREEK MINE  
**Title:** REDUCE HYDROLOGIC MONITORING SITES

#### Operation Plan

#### Hydrologic Ground Water Monitoring

##### *Deficiencies Details:*

The application does not meet the water monitoring requirements of the State of Utah R645-Coal Mining Rules. The following deficiencies must be addressed prior to the Division approval of the application:

R645-301-731.214: Springs 79-23, 79-24, 79-40, 80-41, 80-43, 80-44, 80-46, 84-56, 17-35-1, and 18-2-1 Each of these springs has recent periods of no flow. Due to these recent periods of lack of flow the Division would like to conduct site visits to each location before ceasing of sampling so that each location can be fully evaluated.

R645-301-731.214: Spring 18-1-1 The discharge was reported as zero for years but the permittee states flow is now present. To evaluate this site the Division would like to conduct a site visit to fully evaluate removal.

khoffman