

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

January 5, 2007

JK

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor *DWH*

FROM: David Darby, Senior Reclamation Specialist III *DD*

RE: 2006, 2nd Quarter Water Monitoring, Lodestar Energy, Inc., Horizon Mine, C/007/0020-WQ06-2, Task ID #2511.

The Horizon Mining operation is operating and mining coal. This report is based on data compiled in file; O:\007020.hzn\Water Quality\datacheck2006-2007(1).xls.

The water monitoring plan is outlined in Chapter 7 of the MRP. Surface and groundwater monitoring is required for the Horizon Mine under the operation plan. Kit Pappas is the contact for water monitoring issues.

1. Was data submitted for all of the MRP required sites? YES [X] NO []

Identify sites not monitored and reason why, if known:

Springs	During the operational and reclamation phases the springs will be monitored once each calendar quarter when the spring are accessible. SP-1, SP-2, SP-4, SP-9 (Jewkes Sp.), 2-6-W (Homestead Sp.) And GV-70. Ground water quality data to be reported from these springs are listed in Table 2 of the MRP.
Streams	Stations SS-3, SS-5, SS-7, SS-8, SS-10 and SS-11 will be monitored once each quarter (as access conditions permit). Surface water quality parameters to be reported are outlined in Table 7-5 of the MRP.
Wells	Water level data will be collected during the operational and reclamation phases from the HZ wells once each quarter when accessible.
UPDES	Monthly monitoring of flows from mine discharge and sedimentation pond.

UPDES sites were monitored monthly for the quarter and all required data submitted.

2. Were all required parameters reported for each site?

Comments, including identity of monitoring site:

Springs YES NO

Streams YES NO

Wells YES NO

UPDES YES NO **All parameters were reported for UPDES sites.**

3. Were irregularities found in the data?

Springs YES NO **As mentioned in 1 and 2.**

Streams YES NO **As mentioned in 1 and 2.**

Wells YES NO **As mentioned in 1 and 2.**

UPDES YES NO

4. On what date does the MRP require a five-year resampling of baseline water data.

Re-sampling due date is July 2007.

5. Based on your review, what further actions, if any, do you recommend?

None

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? Yes No

6. Follow-up from last quarter, if necessary.

Did the Mine Operator submit all the missing and/or irregular data (datum)?

None.

