

WATER MONITORING MEMORANDUM

Utah Coal Regulatory Program

August 7, 2007

TO: Internal File

THRU: *WCH* Wayne Hedberg, Permit Supervisor *WCH*

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

RE: 2007, 2nd Quarter Water Monitoring, Lodestar Energy, Inc., Horizon Mine, C/007/0020-WQ07-2, Task ID #2608

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(2).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 parameters to be checked are outlined 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 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. |

2. **Were all required parameters reported for each site?** YES NO
Comments, including identity of monitoring site:

Kit Pappas was informed on August 7, 2007 the five- year baseline water monitoring sampling needs to be conducted during the third quarter of 2007. He said he would mark it on his calendar. He intends to collect third quarter samples in September 2007.

3. **Were irregularities found in the data?**

Springs YES NO

Streams YES NO

Wells YES NO

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(third quarter).

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 needed.