

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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March 3, 2006

TO: Internal File

THRU: D. Wayne Hedberg, Permit Supervisor

FROM: David W. Darby, Senior Reclamation Specialist

RE: 2005, 3rd Quarter Water Monitoring, Plateau Mining Corp. (PMC), Star Point Mine, C/007/0006, WQ05-3, Task ID #2339

## 1. Was data submitted for all of required sites?

The Star Point Mine is in reclamation. The mines have been closed and sealed. The disturbed areas around the portals have been regraded to AOC and seeded. The current water monitoring schedule for the Star Point Mine is provided in Table 731.211a in Chapter 7 of the MRP. This report was prepared based on information in File: O:\007006.stp\Water Quality\datacheck2004-1\_2005-3.xls. UPDES sites are still being reported to DEQ, however there are no UPDES sites associated with the mine. The water quality analysis schedule is shown in Table 731.211b.

**Springs** Spring 971 is required to be monitored monthly from May through September. If snow prevents access during May the operator monitors in June.

**YES**  **NO**  The spring was monitored September 23, 2005 during the 3rd quarter. There was no flow at the spring.

**Streams** Surface Water sites ST-1 and 10-1 are to be monitored quarterly. Operational quality sampling is identified in Table 731.211b, Chapter 7.

**YES**  **NO**  PMC conducted monitoring on streams on September 27, 2005 during the 3rd quarter. There was no flow at Site 1-10. A flow was measured at ST-1 and water quality samples taken.

**Wells** All wells have been sealed.

**YES**  **NO**  N/A No open wells exist on the site.

**UPDES** UPDES permit, UT0023736, is still associated with the mine, however there are

no ponds or mine discharges. PMC has applied to withdraw the UPDES permit, November 7, 2004, but the Division of Water Quality will not release the permit until final bond release. Active ponds associated with the coal refuse have been transferred to Star Point Waste Fuel Company.

YES  NO  N/A.

**2. Were all required parameters reported for each site?**

**Springs** YES  NO

**Streams** YES  NO  Carbonate and T-Mg were not reported for the 3rd quarter.

**Wells** YES  NO  N/A

**UPDES** YES  NO  N/A

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

**Springs** YES  NO  .

**Streams** YES  NO  As mentioned in Section 2.

**Wells** YES  NO  N/A

**UPDES** YES  NO  N/A

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

Resampling due date Does not specify.

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

The Permittee will be contacted to see if the missing stream data is available. A copy of the data file will be e-mailed to the Mine Operator and DOGM Mine Inspector identifying any missing and irregular data. If the data is available, the Mine Operator should submit it to the DOGM Inspector and Hydrologist, so it can be entered into the Coal Database. If the data is not available the Operator may be in violation of R645-301-731-200.

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

The Permittee needs to submit Carbonate and T-Mg for Site ST-1 for the 3rd quarter.

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

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

The Permittee needs to submit Carbonate and T-Mg for Site ST-1 for the 2<sup>nd</sup> quarter.  
The Permittee will be contacted to see if the missing stream data is available.

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