



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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April 18, 2001

TO: **Internal File**

THRU: Daron R. Haddock, Permit Supervisor *DRH*

FROM: Gregg A. Galecki, Reclamation Specialist *GA*

RE: 2000 Fourth Quarter Water Monitoring, Savage Industries, Inc., Savage Coal Terminal, C007/022-WQ00-4

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

Missing data was submitted April 17, 2001.

2. On what date does the MRP require a five-year re-sampling of baseline water data.

Re-sampling due date Not Required

3. Were all required parameters reported for each site? YES [ XX ] NO [ ]

4. Were irregularities found in the data? YES [ XX ] NO [ ]

Field Specific Conductivity for CV-1-W was approximately 10-15 percent of anticipated value. A slightly lower specific conductivity value was supported by the Lab Specific Conductivity versus the Total Dissolved Solids (TDS) ratio the field value is too low. The submitted value was confirmed with the field sheet as being the value observed in the field. Although values vary widely over time, a linear regression trend line indicates the TDS have increased from roughly 8,000 mg/l to approximately 12,000 mg/l (See Attached graph). This will continue to be monitored over time.

**5. Were DMR forms submitted for all required sites?**

1<sup>st</sup> month, YES [ XX ] NO [ ]  
2<sup>nd</sup> month, YES [ XX ] NO [ ]  
3<sup>rd</sup> month, YES [ XX ] NO [ ]

**6. Were all required DMR parameters reported?**

YES [ XX ] NO [ ]

CV-15-W recorded 'No Discharge.'

**7. Were irregularities found in the DMR data?**

YES [ ] NO [ XX ]

CV-15-W recorded 'No Discharge.'

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

No further action is necessary for the 2000 Fourth Quarter Water Monitoring data. At CV-1-W, high fluctuations observed historically in the Specific Conductivity and TDS may be attributed to stratification of the water within the tank. In the future, a 'wire-line' conductivity meter will be used (by Division personnel) to measure the specific conductivity at different depths to determine whether stratification occurs. The field Specific Conductivity was adjusted from 970 umohms to 9700 umohms in an attempt to illustrate more representative data.

# Savage Coal Terminal

