

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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April 26, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2003 Fourth Quarter Water Monitoring, Nevada Electric Investment Co.,  
Wellington Prep Plant, C/007/0012-WQ03-4, Task ID #1809

- 1. Was data submitted for all of the MRP required sites?** YES [  ] NO [  ]  
*Identify sites not monitored and reason why, if known:*

Data was submitted for all surface-water, groundwater, and UPDES sites.

- 2. On what date does the MRP require a five-year resampling of baseline water data.**  
*Renewal of the permit is December 10, 2004. The MRP commits to sampling  
baseline water parameters one year prior to the renewal date.*

**Resampling due date** 12/10/04

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

At Well GW-13, only depth to water was collected. GW-13 has very slow recovery. When initially pumped, the well produces less than a liter of water; barely enough to collect field parameters since August 2000. When allowing a day to recover, the well still does not produce any measurable water. GW-13 is located in a non-essential water monitoring area since the surface facilities no longer exist in the area. It is recommended that the site be removed from the Water Monitoring Plan.

At Well GW-17 and GW-3 the same condition existed during the 4<sup>th</sup> quarter 2003. Not enough water existed in the well to collect a sample. Only water depth was collected. Well GW-3 dropped 4.3-feet during the 3<sup>rd</sup> quarter and another 0.5-feet during the 4<sup>th</sup> quarter.

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

Throughout the site, the ground water elevations continued to drop from the third to fourth quarter 2003. Drops in water elevation ranged from 0.25-feet to 1.8-feet at Well GW-6, with no noticeable change in water quality.

No other irregularities were found in the 4th quarter data.

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

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

Sites 003 through 008 had documentation for a site visits every month.

**6. Were all required DMR parameters reported?** YES [ x ] NO [ ]

All sites were dry so no parameters were submitted

**7. Were irregularities found in the DMR data?** YES [ ] NO [ x ]

All sites were dry so no parameters were submitted

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

No further action is necessary for the 2003 03-4 (4<sup>th</sup>) Quarter Water Monitoring data.