

July 30, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Dana Dean, P.E., Senior Reclamation Hydrologist

RE: 2003 Second Quarter Water Monitoring, Sunnyside Cogeneration Association, Sunnyside Refuse/Slurry, C/007/0035-WQ03-2, Task ID #1639

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

**2. On what date does the MRP require a five-year resampling of baseline water data.**  
See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.

### **Resampling due date**

The MRP states that "once every five years (prior to each application for permit renewal) one sample from each of the monitoring sites listed in Table 7-2A will be sampled and analyzed for the parameters listed in Table 7-2B." The Permittee last sampled for baseline during the 3rd quarter of 1997. The Permittee should sample for baseline in 2003.

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

The Permittee reported "no-flow" at sites CRS, ICE-1, and B-6. They tested for all required parameters at the sites where they recorded flow.

**4. Were irregularities found in the data?** YES  NO   
*Comments, including identity of monitoring site:*

Well-1 had two parameters that fell outside of two standard deviations from the average. Dissolved Magnesium, reported as 101 mg/l; was 3.75 standard deviations greater than the average of 55.16. Chloride, with a value of 75 was 4.05 standard deviations greater than the average of 19.35.

Dissolved Magnesium at CRB was reported as 363 mg/l, which is 2.32 standard deviations greater than the average of 294.87.

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

1 <sup>st</sup> month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
2 <sup>nd</sup> month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
3 <sup>rd</sup> month,	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

**6. Were all required DMR parameters reported?** YES  NO   
*Comments, including identity of monitoring site:*

All DMRs reported "no-flow."

**7. Were irregularities found in the DMR data?** YES  NO   
*Comments, including identity of monitoring site:*

All DMRs reported "no-flow."

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

No further actions are necessary at this time.