

## MEMORANDUM TO FILE

**TO:** KM File

**FROM:** Brian Rakvica

**DATE:** July 9, 2004

**CC:** Todd Croft, Jennifer Carr, Jeff Johnson, Jim Najima  
Jon Palm, Tamara Pelham, Alan Tinney, Leo Drozdoff, Valerie King

**RE:** KM Conference Call on July 7, 2004 at 1:30 PM

1. Attendance:
  - a. NDEP: Todd Croft, Tamara Pelham
  - b. KM: Keith Bailey, Susan Crowley, Rick Stater
2. Discussed Remedial System Operations
  - a. Plant is running at 95% of chemical load and >95% of the hydraulic load.
  - b. Load to the plant includes a 60 gpm blend of water from the chromium treatment plant and pond GW-11. Approximately 12 gpm is being pumped from pond GW-11 to the chromium treatment plant. The remainder of the flow from the treatment plant is re-directed back to pond GW-11.
3. Discussed effluent appearance.
  - a. Noted a marked improvement with the use of the cationic polymer floc. Noted that KM did not have enough of this floc to continue it's use through the holiday weekend.
  - b. Noted that it takes approximately 1 week to clean the slough (i.e.: ponded seep stream).
  - c. Discussed floating pieces and low D.O.; KM to address this issue.
  - d. KM requested copies of the SNWA data.
  - e. DMR from early May indicated ~8 mg/L average D.O.
4. Discussed pilot disc filter and solids management.
  - a. Unit arrived at the site yesterday. Unit was set up and running today on the feed to the DAFs.
  - b. The unit would likely be deployed after the DAFs in the future.
  - c. This unit will take approximately two weeks to test and optimize.
  - d. KM noted that the Actiflow system pilot is complete and the system has been sidelined waiting for the results of the disc filter pilot test.
  - e. KM noted that they are still trying to optimize the polymer.
5. Discussed pond GW-11 drawing down and evaporating.
6. Discussed analytical.
  - a. ND ranges from 4-20 ppb.
  - b. KM noted that some effluent has been measured at 1 ppm while trying to balance the plant.

7. KM noted that they will initiate the 30-day performance test during the week of July 12, 2004. The test will be initiated once they achieve ND in their discharge.
8. Next meeting: telephone conference on 7/13/04 at 9:00 AM– Call in number to be provided.