

MEMORANDUM TO FILE

TO: KMCC File

FROM: Brian Rakvica

DATE: April 6, 2004

CC: Todd Croft, Jennifer Carr, Jeff Johnson
Jon Palm, Tamara Pelham, Alan Tinney, Leo Drozdoff

RE: KM Conference Call

1. Attendance:
 - a. NDEP: Todd Croft, Brian Rakvica
 - b. KM: Keith Bailey, Susan Crowley
2. Remedial System Update.
 - a. KM noted that they had a power outage this weekend. A generator was brought in to keep the beds fluidized and run the IX system. For contingency, Km is planning on drawing down the level of the pond and maintaining the IX systems for a few months until the pond level is decreased.
 - b. The flow rate to the FBR system is currently at 200 gpm and will be ramped up slowly. KM hopes to be up to 800 gpm by Thursday this week. After they reach 800 gpm, on-site groundwater (GW) will be added (up to approximately 53 gpm) and then pond water will be added (up to approximately 15 gpm).
 - c. KM is currently experiencing some air binding in their NPDES discharge line. Over the next week or so KM will be installing additional air vents in the pipe.
 - d. KM noted that the sulfide odor last week was due to an operator error and excess ethanol being added.
 - e. Discussed solids management.
 - i. The 2nd DAF unit has been started.
 - ii. KM noted that as the system matures it is anticipated that the solids removal efficiency will increase.
 - iii. KM noted that TSS is running at approximately 10-13 mg/L.
 - iv. KM noted that bio-solids have begun moving from reactors 1-3 in to reactors 5-7.
 - v. KM noted that they are investigating the use of ferric chloride in the filtration step.
 - f. KM noted that the 30-day test has not begun and therefore will not be complete in April.
 - g. Discussed flow rates.

- i. In order to maintain a 1,000 gpm or less flow rate, KM will be backing off Seep area well PC-121. It has relatively low concentrations (~10 ppm). This will allow them to take higher concentration water from the plant site and GW-11. The net mass change to the Wash will be near zero once you factor in the change in mass discharged from the treatment system.
 - h. It was noted that KM will have a flow measuring device in the pipeline for the water from GW-11 to the FBR. This will be used to insure that mass removed from the environment is not double counted.
- 3. Discussed Tours.
 - a. 3/29/04 (AM)- Mr. James Peterson and Dr. Darrel Pepper representing Senator Feinstein visited KM and NDEP. They had concerns over reducing the long-term mass load in the Wash below 100 #/day.
- 4. Other Discussions
 - a. Noted that NDEP is still negotiating an AOC with Ampac. Discussed Ampac's recent report submitted to NDEP. Km may wish to copy.
 - b. Discussed the current MWD RFP.
 - c. Discussed a recent news article in Arizona on perchlorate. Todd to forward to KM.
 - d. Noted AGWT meeting in Las Vegas on May 3, 2004.
 - e. Noted NGWA meeting in California on June 3 and 4, 2004.
- 5. Next meeting: telephone conference on 4/20/04 at 1:00 PM – call in number is 405-270-2683.