

## MEMORANDUM TO FILE

**TO:** Kerr McGee (KM) File

**FROM:** Brian Rakvica

**DATE:** September 29, 2004

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

**RE:** KM Meeting on September 29, 2004 at 1:30 PM via telephone

1. Attendance:
  - a. NDEP: Todd Croft, Alan Tinney, Brian Rakvica
  - b. KM: Keith Bailey, Susan Crowley
2. Reviewed FBR system operations.
  - a. System is currently receiving 71 gpm of the blended water from the GWTS and the GW-11 pond. 20 gpm of GW-11 pond water is being put into the blend and approximately 58 gpm of GWTS water. 71 gpm of this is forwarded to the FBR whereas the remaining 6 gpm is recycled to the GW-11 pond.
  - b. Influent concentration is approximately 190 ppm perchlorate and 400 ppm chlorate.
  - c. Equalization tanks are operational.
  - d. KM hopes to initiate the performance test by October 15, 2004. This test may be started as soon as Sunday, 10/3/04. KM will advise NDEP when they start the test.
  - e. In general, KM has been seeing ND in their discharge. Detection limits have varied from ~2.5 ppb to ~16 ppb. Some have been above 16 ppb, however, most have been below.
  - f. KM noted that the hydrogen peroxide system is operational.
  - g. Hydraulic load is ~95%. KM noted that they are investigating the possibility of adding water from the eastern part of the Seep area.
  - h. Discharge was ~ 9 ntu this AM.
3. Discussed permit.
  - a. NDEP has approved KM's request to use composite samples during the performance test.
4. Discussed NDEP observations.
  - a. Discharge looks fairly clear.
5. Discussed discharge relocation. KM noted that they are still pursuing this with BOR. KM noted that the design is essentially complete and the pipe has been purchased.
6. Discussed DO concentrations.
  - a. DO has been 3.7-7 mg/L at the end of pipe and decreases through the swamp area by about 50%.

7. Next meeting: Tuesday, October 12, 2004 at 1:30 PM. Call-in number: 405-270-2655.