

**MEMORANDUM TO FILE**

**TO:** Kerr McGee (KM) File  
**FROM:** Brian Rakvica  
**DATE:** September 1, 2004  
**CC:** Todd Croft, Jennifer Carr, Jeff Johnson, Jim Najima, Jon Palm, Tamara Pelham, Alan Tinney, Leo Drozdoff, Valerie King  
**RE:** KM Meeting on September 1, 2004 at 1:30 PM via telephone

1. Attendance:
  - a. NDEP: Tamara Pelham, Brian Rakvica
  - b. KM: Keith Bailey, Susan Crowley
2. Reviewed system operations.
  - a. FBR system modifications completed. This includes: installation of the static mixer, addition of hydrogen peroxide controls, tie in to new equalization tanks. It was attempted to install the tee in the system near lift station #1, however, this was not successful.
  - b. FBR was diverted to the pond from 7:30 AM on 8/31/04 until 1:30 AM on 9/1/04.
  - c. Water quality is currently ~25 ntu.
  - d. Reviewed operations on Sunday 8/29/04 at ~4:00 PM.
    - i. Operators had diverted to the pond for two hours due to an increase in perchlorate in the discharge. This increase was due to adjustments made to the ethanol addition.
    - ii. When the system was restarted the discharge to the empty transmission line scoured the pipe and resulted in the discolored discharge that Brian noted.
  - e. Discussed new equalization tanks.
    - i. KM is waiting to receive a control so that they can begin to divert flow to the new tanks.
    - ii. The flow will consist of ~ 30 gpm from the on site GWTS and an additional 12-20 gpm from pond GW-11. Once this process is initiated it will take approximately 5 days to fill the tanks.
3. Other discussions.
  - a. Noted article in the Las Vegas Review-Journal today about KM.
  - b. Noted that Tamara is leaving the NDEP. In the meantime KM will contact Alan Tinney with any issues.
  - c. KM noted that they have exchanged some letters and telephone calls with Valerie King. KM is responding top these issues this week in a letter.
4. Next meeting: Thursday, September 16, 2004 at 1:30 PM. Call-in number: 405-270-2643.