

MEMORANDUM TO FILE

TO: KMCC File

FROM: Brian Rakvica

DATE: May 19, 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, Jon Palm, Alan Tinney, Valerie King, Tamara Pelham
 - b. KM: Keith Bailey, Susan Crowley
2. Remedial System Update.
 - a. KM had a shutdown yesterday from 9:00 AM to 4:00 PM to make the tie-ins to the transmission line near the D-1 building. During this period the Athens Road wellfield was routed to pond GW-11.
 - b. FBR systems is operating at the same levels as last week (800 gpm total including 55 gpm from the on-site wellfield and 3 gpm from pond GW-11. The ramp up of the chemical loading has been stopped to deal with the solids management issues.
 - c. KM noted that they skimmed off about 30 gallons of scum from the Seep area this morning and will continue to do so as necessary.
 - d. KM noted that the trailer mounted filter unit is being shipped to the site and is expected next week. This unit is the U.S. Filter Actiflow which uses 'micro-sand' particles for clarification. The sludge from this unit will be sent to the thickener. This unit may operate in parallel (as a replacement) or in series (as a polish step) with the DAF.
 - e. KM noted that they continue to use coagulant and flocculants in the DAF. KM is also testing different flocculants and coagulants in the laboratory. Part of the problem has been that they have had success in the jar tests, however, they have not been able to successfully deploy at full scale.
 - f. KM noted that the effluent is still a bit cloudy and they believe that this is bio-solids. NDEP requested that KM verify that this is indeed bio-solids.
 - g. KM is working with Veolia to try and streamline/expedite the analytical process.
 - h. KM noted that they feel that visual inspection of the effluent is the best indicator of the cloudiness issue. TSS and BOD analysis are still run to confirm.
3. Discussed the latest KM submittal. NDEP requests the full analytical package as soon as it is ready.

4. Discussed sample designations. Noted that “IX-effluent” is the discharge to the Seep and that “effluent” is the discharge from the FBR.
5. Discussed GW upwelling in to the Seep Stream. KM noted that this is minimal in the hot months.
6. Discussed the operational incident. It was noted that due to the residence time of the system and transmission line that the sample taken by Km was probably representative of when the incident occurred. KM to discuss. Val indicated that she would be following up with a letter regarding this incident and items that require further clarification.
7. It was discussed that it would be helpful to know what genus of bacteria are present in the system and that it would be helpful to note that the bacteria are non-pathogenic.
8. Next meeting: telephone conference on 6/9/04 at 10:30 AM – call in number to be provided.