

MEMORANDUM TO FILE

TO: KMCC File

FROM: Brian Rakvica

DATE: March 24, 2004

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

RE: KM Conference Call

1. Remedial System Update.
 - a. Currently, KM is treating 860 gpm which includes ~10 gpm from the on-site wells after treatment through the chromium treatment system. Due to the elevated concentrations of perchlorate, this 10 gpm equates to a ~20% increase in treatment plant capacity.
 - b. KM is working out some fine tuning in the system as follows:
 - i. Air bubble issues in their discharge line.
 - ii. KM has been operating in an “overly protective mode” with respect to not having perchlorate in their discharge. They have been adding excess ethanol to ensure perchlorate destruction. This has led to a sulfide odor. They are backing down the amount of ethanol used starting today.
 - iii. KM has received two flocculants. Another pump is expected tomorrow to help deploy this flocculent. The effluent is not yet clear and KM is working with US Filter to resolve this issue.
 - c. It was noted that KM has not yet used the filter press as KM has not yet generated enough solids. Solids are currently accumulating in the thickener.
 - d. The lime silo has been loaded and is ready for use when needed.
 - e. Turbine pumps have been installed and are operational in Lift Station #1.
 - f. KM is working on evaluating the GW-11 pond. KM desires to route pond water back through the chromium treatment system prior to routing to the FBR as a means to remove hexavalent chromium that has evapo-concentrated. In order to do this, KM needs to increase the generation of iron in the treatment system. KM proposes to inject ferrous sulfate (via totes and metering pumps) into the first portion of the chromium treatment system as a means to augment iron generation for chromium reduction. KM will send a brief letter to Todd Croft next week outlining this minor system modification.
2. Discussed NPDES permit issues.
 - a. KM inquired if NDEP had received any appeals or additional comments to their NPDES permit.

3. Discussed Tours.
 - a. 3/29/04 (AM)- Mr. James Peterson and Dr. Darrel Pepper representing Senator Feinstein will visit KM.
 - b. 3/31/04 – Western States Water Council will tour the Pabco Road Erosion Control Structure site and will obtain a short briefing from Todd Croft (regarding the perchlorate remediation efforts) and SNWA (regarding LV Wash restoration activities).
4. Other Discussions
 - a. US Filter has been renamed “Viola Water”.
 - b. Noted that USEPA (Larry Bowerman) had left a message for Susan stating that she could hold off until early April for submittal of mass removal numbers for inclusion in the next EPA-generated quarterly report.
5. Next meeting: telephone conference on 4/6/04 at 1:00 PM – call in number to be provided.