

MEMORANDUM

Date: April 16, 2008
To: Water Right File 63-31183
From: medl
Re: permit conditions meeting

John Chapman from Micron Technology called me a few days ago, suggesting a meeting to discuss the conditions to permit 63-31183. John had had some recent conversations with Helen Harrington and Lin Campbell from IDWRs Planning Services section. Lin Campbell is assuming some of Helen's former duties related to the SE Boise groundwater management. Mr. Chapman has also taken on different responsibilities since the advent of this permit. We all agreed that a meeting would be beneficial. Lin arranged a space and time for us to get together and I provided copies of my compliance memo to those who had not yet seen it.

The meeting took place at IDWR earlier this afternoon 4/16/08. In addition to Mr. Chapman, Micron Technology was represented by Martin (Marty) Lindgren, who has recently succeeded Mr. Chapman as Water Services Manager. Marty's contact information is:

Martin Lindgren PE
melindgren@micron.com
208-368-5737

I summarized the problems I had come across when trying to determine compliance with the permit conditions and how I had resolved some of them. Helen Harrington shared some of the historical background for the project. And, based on her fresh reading of my memo, correctly outlined the gaps in the file, some of which she took responsibility for.

Although Mr. Chapman stated that he did not believe Micron was out of compliance with the permit conditions, he recognized that some improvement in communicating that compliance could be made. As co-members of the SEBGWA steering committee, both he and Ms. Harrington stated that the spirit if not the letter of compliance had been met through the requirements in place for management of the SEBGWA. Reports presented at the annual committee meeting bring together and present the disparate data needed to verify compliance with condition 9. Much of the data summarized by those reports originated with Micron and were compiled for those meetings by IDWR personnel. Unfortunately, as I had found, the reports did not get dispersed as far as they needed to be. The committee members were not aware that their resources were required for a water right. Getting those committee-vetted summary documents into the permit file goes a long way toward confirming past compliance. I believe that I have located and included a complete back-file of the summary reports. Both John and Helen referred to the director's report which Steve Lester of the Western office generates. I will follow-up with Steve to confirm that I have located those documents and add them if necessary.

Then Mr. Chapman addressed my concerns about 1) the rollover frequency of the totalizer, 2) measuring equipment calibration and 3) lack of #4 well water level measurement.

- 1) Micron's water supply system is on a SCADA which is monitoring 24/7 with 5-seconds between data captures. IDWR databases are not designed to make use of that quantity of data. A totalizer rollover with that scale of data and with that level of oversight is less significant than one monitored infrequently or recorded at daily intervals.
- 2) Micron calibrates measurement equipment much more frequently than we have on record. Mr. Chapman stated that regular calibration is required for other quality assurance and although the Dept has not requested it, the information is available.

- 3) Mr. Chapman had not picked up on the recommendation from SPF to restore well #4's malfunctioning water level. But they have ideas for providing a dynamic level in that well. Referring back to 1) I am content that data acquisition and monitoring in place will be sufficient to allow for water level confirmation at that well.

Mr. Chapman expressed the hope of finding an easy resolution to acknowledged gaps in the annual analysis requirement. The permit condition is not specific in its requirements. I agreed and asked for this group's help in establishing the details.

The SEBGWA committee meets the first week in May, but typically annual data would be submitted to Western Region and available by March 15. All parties agreed on a March 15 due-date for submitting the required annual analysis.

I stressed a preference for a single graph with source documentation. Helen helped us select four of the most representative wells to use for the analysis. The four wells are: (02N03E-07DBB2) Micron Deep; (02N03E-07DBB1) Micron Shallow; (02N03E-06DCA1) Micron Test; and (03N03E-32CDD1) Columbia. Micron is responsible for monitoring all of those wells so collecting foreign data will not be an issue. 2007 data had not yet been submitted to the permit file. Marty agreed to send an electronic first draft of the 2007 spreadsheet to me within a week. I will make suggestions for change and arrange to have paper copies provided to the file in the future.