

**Report on the South Sangamon Water Commission Meeting
November 15, 2016, 3:00 PM at the SSWC Water Plant
Written by Lee Bloome, Water Commissioner**

Attachments:

- October SSWC Draft Meeting Minutes
- Woodard and Curren Monthly Operating Report for October 2016
- Memorandum regarding the water main break
- Memorandum regarding monthly operating reports

Start of Meeting and Roll Call

All commissioners were present.

Management Report:

The management report was presented to the commission. The report is available as an attachment. Key points to the report are as follows:

- Finished water quality was within regulatory limits and all reporting and sampling requirements were met for September. Constituents of note include iron which averaged 0.01 mg/L (secondary standard is 0.3 mg/L) and manganese which averaged 0.010mg/L (secondary standard is 0.05 mg/L). pH is has averaged 7.63 for the last month. Hardness averaged 120 mg/L. (CWLP average is 111 mg/L)
- The filter backwash ponds are now meeting the permit requirements for chlorine. The plant adjusted the dechlorination feed to keep operating for a brief period of time after the backwash had stopped to account for water still draining though the lines. Chlorine readings were 0.02 mg/L (permit limit is less than 0.05 mg/L)
- The plant filtered 43.853 million gallons of finished water in October.
- There was a water main break in the transmission line between the plant and the Chatham ground storage tank. An attached memorandum from Woodard and Curren documents the repair and the chain of events. The type of break was longitudinal splits and an oval section that had blown out. The location of the break was in the flood plain.
- There was a meeting with Dave Cook with the Illinois EPA as follow up to the Comprehensive Plant Evaluation to discuss the results of added testing. The IEPA is convinced that the manganese is being consistently removed below the 0.05 mg/l secondary standard level. The IEPA was also convinced that the ion exchange softeners were performing as designed. The results of the three months of water stability testing was reviewed with the Langelier Index being the major point of discussion. It was suggested that raising the calcium (hardness) would

be beneficial on a trial basis to determine if stability could be improved. A copy of the test results are included in the monthly report.

- A memorandum regarding the monthly reports has been included. It discusses the discrepancies in the tables for the monthly reports.

Engineering Report:

Max Middendorf with MECO Engineering presented his engineering report. The hydro-pneumatic tank is being constructed. The base for the tank and the air compressor were installed and the tank should arrive in December.

Public Comments:

Comments from the public included the following:

- Question about the fluoride pumps and whether they had been replaced.
 - Response: The fluoride pumps were still the originals but they were being replaced with new peristaltic pumps. The project has started but the pumps will need to be replaced only after another set of pumps is replaced. It is a sequential operation but has not been completed as of yet.
- Questions about why the water main broke.
 - Response: No response.

Unanimous approval was given of the last meetings minutes, treasurer's report and approval of invoices for payment.

Resolution Abating Real Estate Taxes for 2016

This needs to be voted on annually. This abates the property tax assessment for the double barrel bonds. The revenue on hand is sufficient so the resolution was voted on and passed.

Amendment to the Water Supply Agreement with EJ Water

The agreement to supply water to EJ Water needed to be amended to account for 40 years in lieu of the 39 and a half originally agreed to. This is to satisfy the loan EJ Water is receiving for their project.

Old Business:

New Business:

No new business

This concludes my report on the SSWC Meeting.

Lee Bloome