

**Report on the South Sangamon Water Commission Meeting
September 20, 2016, 3:00 PM at the SSWC Water Plant
Written by Lee Bloome, Water Commissioner**

Attachments:

- July SSWC Meeting Minutes
- Woodard and Curren Monthly Operating Report for August 2016
- Capital Improvements Summary Sheet

Start of Meeting and Roll Call

Darlene Wainssweller was standing in for Laura VanProyen who is on vacation.

Audit Presentation

The audit presentation was tabled until the next meeting. The audit preparer was subpoenaed to court and he was unable to make it to the meeting on time.

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 August. Constituents of note include iron which averaged 0.01 mg/L (secondary standard is 0.3 mg/L) and manganese which averaged 0.012mg/L (secondary standard is 0.05 mg/L). The new feed location for the permanganate appears to be improving the oxidation and removal of the iron and manganese. pH is has averaged 7.69 for the last month. (anything over 7 is basic, anything under is acidic). Hardness averaged 121 mg/L. (CWLP average is 111 mg/L)
- The plant continues to have an exceedance in their NPDES permit limit for chlorine in the effluent leaving the settling ponds. The new dechlorination system has been installed and the plant will spend the next month optimizing the feed of bisulfite. They are confident they will have the effluent below permit limits within the next 30 days.
- The plant received its NPDES permit renewal for the filter backwash pond discharge from IEPA. The new permit expires on July 31, 2021. In the new permit, weekly sampling has been reduced to monthly.
- The plant filtered 39.5 million gallons of finished water in August. This is 0.3MG higher than July.
- A financial report was not available at the time of the meeting. The Woodard and Current person who puts the reports together was out on vacation and did not have them ready for the meeting.

- Woodard and Curran is working with MECO Engineering to update and prioritize the capital improvement plan (CIP). The CIP is a planning document that includes all projects anticipated to exceed \$5000 in cost over the next five years. The CIP is an ongoing process and will be refined over time as projects are completed and new issued identified. The attached list outlines identified projects. Notes in the margins identify which projects have been completed, ongoing, planned for the future, and tabled. Items of note are as follows:
 - The hydropneumatic tank has been awarded and shop drawings are forthcoming. Once installed the unit will provide pressure to the transmission line in the event the plant pumps trip.
 - Altitude valve modification is preliminary. A radiopath study is being conducted to see if there is sufficient line of site between the two locations.
 - The SCADA work has included incorporation of the WESTECH (Membrane) programmable logic controller (PLC) and the TONKA (softener) PLC into the plant's SCADA system for added control. The upgrade has also added a redundant computer with the SCADA system software loaded on it in the event there is a computer failure.
 - Since the ammonia room is not being utilized, the air handling modifications have been tabled.
 - The new fluoride and chlorine, and permanganate pumps have been installed.
 - The continuous chlorine analyzer has been relocated to the treated effluent leaving the plant.
 - The bisulfite feed to the lagoons is complete.
 - The floor of the fluoride room is planned for repair.
- No additional information was brought up about the possibility of a new bulk water salesman at the plant.
- Operators from the plant witnessed taps to the transmission main by EJ water. Everything went smoothly.
- A leak in a service was discovered along the transmission main. The meter box appeared to have been run over by a large mower which caused the piping to leak. The meter pit is being relocated to the yard and outside the normal ditch mowing path.

Engineering Report:

Max Middendorf with MECO Engineering presented his engineering report. He stated the shape of the proposed hydropneumatic tank may change slightly to allow it to be brought into the plant and tipped up into place.

Public Comments:

Comments from the public included the following:

- Comment about chlorine smell in water.

- Response was the Village asked for 1 mg/L at the ground storage tank. The plant output has resulted in a reading of 1 mg/L at the ground storage tank. Chlorine levels have been stable since the adjustment was made.
- Concerned citizens requested the Chatham commissioner attend the water forum being held at the Chatham Community Center Monday, September 26 from 6:30 to 8:30 PM.
- Question was asked about the capacities of the wellfield.
 - Response was the well field has a capacity of around 1650 gpm which equates to 2.3-2.4 MGD.
- Statement was made about the water purchase agreement requiring the water commission to notify Chatham 60 days prior to any issuance of bonds.

Capital Improvement Plan Discussion:

The capital improvements are outlined in the Management Report. The next step is to complete a rate study to evaluate current rates and future bonding. The attorney stated he had made a few calls to see who could complete the study. I (commissioner Bloome) stated that a municipal financial advisory company would need to be retained.

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

Old Business:

No old business was discussed.

New Business:

A new agreement for a copier was discussed and voted on.

This concludes my report on the SSWC Meeting.

Lee Bloome