

**LITCHFIELD WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
29 Stoddard Road, Bantam, CT
October 10, 2019 ~ 7:30 p.m.**

CALL TO ORDER: David R. Wilson called the meeting to order at 7:34 p.m.

ROLL CALL

Present: Christian Bratina, James Koser, David R. Wilson, David Geiger, Ted Donoghue, Plant Superintendent, Raz Alexe, Public Works Director, and Ann Combs, Recording Secretary

Absent: William Buckley

SEATING ALTERNATES: D. Geiger was seated as a regular member.

MINUTES

- a) **5/9/19 Regular Meeting:** Unable to approve with members present
- b) **6/13/19 Regular Meeting:** D. Geiger moved and C. Bratina seconded a motion to approve the 6/13/19 minutes. All voted aye and the motion carried.
- c) **8/8/19 Regular Meeting:** C. Bratina moved and J. Koser seconded a motion to approve the 8/8/19 minutes. All voted aye and the motion carried.
- d) **9/12/19 Regular Meeting:** J. Koser moved and D. Geiger seconded a motion to approve the 9/12/19 minutes. J. Koser amended his motion to include a clarification from Sandy Mitchell regarding 112 Circle Drive, Zubrowski, which will be incorporated into the approved minutes. All voted aye and the amended motion carried.

BUSINESS

1. Public Requests: Mike Banziruk of Torrington spoke about the way the Inter-Municipal Agreement (IMA) is being handled with lawyers talking instead of the WPCAs. It has become political and is not good for the WPCA. It should be dealt with between the WPCAs. D. Wilson said lawyers have been working on the details, and we have to ask through our lawyers to get answers. The cost is estimated at almost triple what we pay for the same flow now. They will keep the list of questions going for the lawyers.

2. Discussion about Woodridge Lake Sewer District: D. Wilson said they met with the WLSD and they presented analysis of Christian's findings on the capacity of our final clarifiers given the high peak flows experienced. They need to quantify the peak hourly flows. C. Bratina asked Ted to look through reporting to make sure they understand the reasons for the spikes. They are also looking for the cause for the peak that increases flow through the plant. We are working through this to determine whether we're meeting our permit now and where we go from here. D. Wilson will meet with DEEP tomorrow with three people from WLSD. C. Bratina said they have to know what the maximum flow is going to be. D. Wilson said we could possibly have off-line storage so we could pump in off-peak hours. He told Leo Paul we haven't shut the door on this, but we will not do anything that will increase the cost to our users. We will do what we can to lower the flow and spread out the costs.

3. Torrington Inter-Municipal Agreement: discussed above under Public Requests

4. Hold Harmless Agreement for Residential/Business CCTV Work: Raz said he will give Ted the standard hold harmless that Public Works uses.

5. Collection System Work: Ted said they did a little TV work on Sedgewick Lane and will create a card for it, as it is without a property address. The new house's line on Karl Street was TV'd with only sawdust found. That line has a second stub. They checked a manhole at Coopers on Gallows Lane, and DPC installed the four flow meters on the interceptor. They will do some preventative maintenance on Circle Drive, and they will check along the easement on White Woods Road. Ted said the frames have been ordered but covers are back ordered.

a) **Jetting/Cleaning:** discussed above

b) **CCTV Work:** discussed above

6. Plant Equipment Updates: C. Bratina will go through the bid and they will extrapolate peak hourly flow data and put together some trending. They will also do programming changes with the RAS pumps. They are working to lower the RAS and are down to 100% now. They've made strides and the secondaries look very good.

a) **UV System:** No report

b) **RAS Pumps:** New RAS pumps are on the back burner. They have been using the RAS pumps as nitrate return pumps.

c) **Brentwood Inspection of Settling Tanks:** Ted said they've made some recommendations. He will reach out to Tom Kovacs. We can do some things ourselves but could easily spend a lot of money on something that could become obsolete. C. Bratina recommended Ted talk to Tom Kovacs about these installations, as he has done many. He was concerned about a comment in the recommendations about grit wear.

7. Safety: Ted said he signed up Joe and Clarky for mini-classes on a lab, inspections, and high strength waste. C. Bratina said there should be basic electrical training, but Raz would rather leave that to the electricians. There have been no accidents.

8. Commissioner's Requests: None

9. Public Works / Treatment Plant Report

a) **Easements:** None

b) **Operational:** Ted reported permit compliance has been maintained with the exception of exceeding monthly average for lbs. /day of phosphorus. Routine operations and maintenance work continues. The average daily flow for September was 0.390 MGD and the total flow was 11.710 MG. They removed 45,500 gallons of sludge. BOD removal was 99% and TSS was 99%. The daily average for total nitrogen lbs. /day discharged was 5.5 mg/L, or 19 lbs. /day. The daily average for total phosphorous lbs. /day was 4.3 mg/L, or 14.5 lbs. /day.

Incidents acted on include:

- 9/2/19 – three days of chronic toxicity training
- 9/4/19 – plant inspection by Craig Motasky of DEEP
- 9/5/19 – finished baffle retrofit in west secondary tank
- 9/12/19 – CCTV'd building connector at 179 North St. and confirmed a collapsed pipe at 177 ft. They also confirmed that the vacant lot on Sedgewick has a building stub.
- 9/15/19 – Ted responded to a plant alarm at 5:58 a.m. due to RAS pump off line.

- 9/18/19 – Lost power to sludge thickener building; may have been a result of FST pump failure. Discovered main breaker was set too low and mixer was lost.
- 9/18/19 – DPC Engineering installed 4 flow meters on the main interceptor.
- 9/19/19 – Started work on replacing main building sewer line.
- 9/25/19 – Hosted plant tour for Denise Raap.
- American Rooter replaced rotted out building stub, and we finished the connection as well.
- 9/30/19 – D. Wilson and Ted, along with WLSD, met with DPC Engineering to discuss possible scope of work to accommodate WLSD connecting to our system.

Old Business: Will smoke test at Chin’s property. They uncovered a manhole and found it still active. Regarding the GIS system, they scanned all the data with GIS and will have it all in excel.

c) Septic: They processed 145,450 gallons of septage in September, a 24% decrease over last September. Year to date they are at 27% increase.

d) Equipment: They have to manually turn off the pump at night.

10. Financial Report: Ted reported spending decreasing per month so far. YTD they’ve collected \$560,000 and spent \$189,000.

11. Old Business

a) **Second Vehicle:** No report

12. Adjournment: Motion: C. Bratina moved and D. Geiger seconded a motion to adjourn at 8:45 p.m. All voted aye and the motion carried.

Ann D. Combs, Recording Secretary