

**LITCHFIELD WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
29 Stoddard Road, Bantam, CT
August 8, 2019 ~ 7:30 p.m.**

CALL TO ORDER: David R. Wilson called the meeting to order at 7:38 p.m.

ROLL CALL

Present: Christian Bratina, William Buckley, James Koser, David R. Wilson, Ted Donoghue, Plant Superintendent, and Raz Alexe, Public Works Director

Absent: David Geiger and Ann Combs, Recording Secretary

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

MINUTES

- a) **5/9/19 Regular Meeting:** Approval was delayed until the next meeting.
- b) **6/13/19 Regular Meeting:** Approval was delayed until the next meeting.
- c) **7/11/19 Regular Meeting:** Approval was delayed until the next meeting.

BUSINESS

1. Public Requests: None

2. Discussion with Woodridge Lake Sewer District: D. Wilson recapped the meeting with the two representatives of the Woodridge Lake Sewer District, Richard Reis, Director, and Jeff Clark of the Finance Committee. The estimate for doing their work came in 50% more than they anticipated. USDA would not give them money to connect to Torrington, as they favor helping rural communities. The three alternatives they gave them were: 1) continue to negotiate with Torrington; 2) build a new plant and pipe fluid to a class B waterway; and 3) connect with Litchfield. They asked if Litchfield would be willing to talk about connecting with them. To connect to the Litchfield system, Goshen estimated a cost of \$22 million - \$23 million, about the same as connecting to Torrington. Our plant may need some minor changes to increase the capacity to handle the higher flows, the cost of which will have to be evaluated and paid for by Woodridge Lake Sewer District. The host community benefit would be in WLS D sharing of the operating costs, which would reduce the sewer assessment to Litchfield residents. This would not affect Litchfield's reserve capacity with Torrington, since none of WLS D flow would go there. Goshen is expecting their flow analysis of pipe capacity next week some time. They would like to come down Beach Street and connect in the Constitution Way area. There will be more information to come. Mr. Bratina noted that he is reviewing the plant's design capacity in relation to the 10 State and TR-16 guideline to determine in light of historical plant performance what the actual average and peak hourly flow capacities are. The biggest concern in the plant's peak flows, which reportedly are caused when the manual park screen is cleaned during the morning, which generates a temporary extremely high peak flow, or surge into the sewage into plant, from influent that is backed up into the main 21" interceptor coming into the plant. This is further exacerbated during extreme high flow/wet periods as well as the result of septic loads being unloaded into the plant. This will require close investigation and indicates that mechanical bard screen may be needed at the headworks of the plant.

3. Collection System Work: Ted said there was FOG and grit in the line when he went to check near Bohemian Pizza. He will keep working with them. They uncovered the manhole that was paved over at Stop & Shop. The will need to repair the last manhole next to Dunkin Donuts which was knocked off its frame. Smoke testing was done with 6 properties on the west side of North Street and issues were discovered. They did Spencer Street with no issues. Prospect Street is still a concern at 24 and 30. He

emailed a standard letter to the group that he has drafted to send to residents via certified mail. He also drafted a letter to go out with the billing.

- a) **Jetting/Cleaning:** No report
- b) **CCTV Work:** No report

4. Plant Equipment Updates

a) **UV System:** Suez's and Glasco's UV quotes said nothing about their compliance with the TR-16 standards, primarily the requirement for a spare tank. So this redundancy has to be added to their quotes. We have asked the vendors to update their proposals to reflect these requirements. Ted has not published the bid yet, as Christian is helping to get everything right in it for when we are ready to publish it.

b) **Nitrate Return Pumps:** The pumps should be delivered within the next two weeks.

c) **Side Mount Mower:** Ted said he called Woody who doesn't know anyone who does flail mowing. He said it's expensive and better to do it yourself. Raz has one and would lend it to them with an operator.

d) **Plant Water System:** Ted reported that the pump installation went well and that the system was running as anticipated. After about two weeks the second pump began making a high pitched shrill noise, so the supplier shipped the pump back to Texas and we are currently running on one pump. Since we turned on the AC/ heat pumps the system had not been going to sleep as it should. Fran from West State thinks one of the valves is not seating. Ted will schedule a service call to diagnose.

5. **Safety:** Ted reported no issues and no training.

6. **Commissioner's Requests:** None

7. 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. They did pull out 12 loads of sludge because they were pumping very thick sludge. They were able to mix the finish sludge tank completely and began working on the BST tank, which was a problem with clumps that had never got mixed. Routine operations and maintenance work continues. The average daily flow for July was 0.305 MGD and the total flow was 9.469 MG. They removed 78,000 gallons of sludge. BOD removal was 99% and TSS was 99%. The daily average for total nitrogen lbs. /day discharged was 3.5 mg/L, or 8 lbs. /day. The daily average for total phosphorus lbs. /day was 4.0 mg/L, or 10 lbs. /day. They processed 125,100 gallons of septage in July, a 4% increase over last July.

8. **Financial Report:** Ted reported Stacey has done everything for FY 2019. Sandy has not yet finalized the revenue for 2019. We are about \$19,000 against budget with expenditures. For 2020 Ted listed purchases made over \$500, with total of \$13,000.

9. **Old Business:** Ted has not yet had a response from Arethusa.

a) **Second Vehicle:** No report

10. **Adjournment: Motion:** W. Buckley moved to adjourn at 9:13 p.m. and J. Koser seconded. All voted aye and the motion carried.


Ann D. Combs, Recording Secretary