

**LITCHFIELD WATER POLLUTION CONTROL AUTHORITY
REGULAR MEETING
29 Stoddard Road, Bantam, CT
October 11, 2018 ~ 7:30 p.m.**

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

ROLL CALL

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

Absent: None

SEATING ALTERNATES: None needed

MINUTES

a) 9/13/18 Regular Meeting: Motion: C. Bratina moved to adopt the regular meeting minutes of 9/13/18, and J. Koser seconded. It was requested that the Secretary submit minutes to the Superintendent for his review before filing and all agreed. Upon voting all voted aye and the motion carried.

BUSINESS

1. Public Requests: None

2. Morris User Credit: We will have three connections on Breezy Knoll that flow into the Morris WPCA collection system, but the customers are Litchfield WPCA customers and are billed accordingly. D. Wilson proposed crediting the Morris WPCA the 3 EDUs, or 42,500 for each home, and deduct this gallonage from their yearly usage bill. The homeowner at 3 Breezy Knoll will pay the \$4,000 connection fee and the \$50 sewer permit fee to the Litchfield WPCA. **Motion:** W. Buckley moved to charge the 3 homeowners the user fee and credit Morris with the gallonage per connection. J. Koser seconded, all voted aye and the motion carried.

3. 339 South Street: This property had been connected to our system by a connection on the neighbor's for decades was connected into the line from the neighboring house, and couple springs ago Ms. Jeckter called the WPCA to complain that there was a sewage smell on her property. A dye test conducted in 2017 resulted in detection of a broken pipe. The pipe has not been repaired and the house has not been able to be sold. Now the existing owner does not want to pay his users fee, because it has been vacant for almost two years. If the owner wants to stop paying usage fees then that owner needs to cap the line and disconnect from the sanitary sewer system. If he or a future owner would like to reconnect, then they will need to pay the \$4000 connection fee and a \$50 sewer permit fee. The Commission have no authority in the Sewer Use Ordinances to provide a waiver.

4. Trailer Jetter Bid Review and Decision: Ted said he got four bids, and recommends the HotJet USA, as it has all the features needed, and was also the lowest bid provided. **Motion:** W. Buckley moved to go with low bidder HotJet USA at \$49,745. J. Koser seconded, all voted aye and the motion carried.

5. Smoke Testing Review: They did three days of testing. Results showed three possible lawn drains and a missing cleanout cap at the Catholic Rectory. The former Chin property was the biggest problem. They found no smoke from roof leaders. External traps may account for no smoke showing. D. Wilson asked Ted to go to the Chin property and discuss the need to rectify. A letter should be sent asking that Ted be present

when work is done on the system, referencing the Sewer Use Ordinance. Ted said the Fuss data could be included in this. C. Bratina suggested getting the blower fixed and try when it's wet and dry. D. Wilson added leaks we know about should be fixed.

6. Plant Equipment Decisions

a) Plant Water System: Ted reported getting four quotes, all about \$25,000 for a skid mounted unit. D. Wilson suggested replacing the pumps with 10 hp smaller pumps. He asked Ted to find out if we can retrofit the smaller pumps with VFDs and some of the existing equipment to save money. Fran will send a proposal on this to Ted.

b) Nitrate Return Pumps: Ted said he had three quotes for KSB and Barnes, but is not considering KSB. He needs to get 2-3 more prices from competitors.

c) Influent Mechanical Bar Screen/JDV Muffin Monster: JDV no longer does the cutter exchange. C. Bratina is not in favor of replacing cutters. The Franklin Miller Dimminutor at over \$44,000 is the preferred choice. Ted will work with Franklin Miller to prepare a bid spec and then have it published.

7. LED Lighting Proposal: Ted spoke to Earthlight, who visited the plant today. Raz Alexe said they are doing a similar project at the DPW. The quote is \$10,000 and he will pay \$5,000, with \$5,000 coming from a Bright Idea grant. D. Wilson asked about the cost of the fixtures and divide the total into the cost.

8. Safety: Ted said there were no issues to report and no training.

9. Commissioner's Requests: None

10. Public Works / Treatment Plant Report

a) Easements: D. Wilson said there is one easement being executed at the end of the month due to the Karl Street pending new construction. Easements on the two Schnitzer properties and the one to the south are being sought by D. Wilson.

b) Operational

Ted reported permit compliance has been maintained, other than a brief effluent non-compliance event on 9/12/18 due to torrential rain event. Routine operations and maintenance work continues. The average daily flow for September was 690,000 gallons, and the total flow was 20.693 MG. They removed 39,000 gallons of sludge. They will go back to the old polymer, as it has a better yield. BOD removal was 99% and TSS was 98%. The average total nitrogen lbs./day was 4.5 mg/L, or 36 lbs./day. The daily average total phosphorous discharged into the Bantam River was 1.7 mg/L or 9.5 lbs./day.

Incidents acted on include:

- On 9/13/18 they lost all SCADA communication with RTU1 due to a power blip. I 15-year-old hub had failed, and they replaced it with a new 24-hub switch.
- The annual three days of Chronic Toxicity testing took place from 9/16/18 to 9/21/18.
- On 9/27/18 they lowered the manhole at the intersection of Vanderpoel Ave. and Case Ave.

c) Septic: They processed 117,100 gallons of septage in September, a 19% increase over last September. Year to date is a 26% increase over last year.

d) Equipment: No report

- e) **Collection System:** Right now the Arethusa BOD surcharge would be about \$19,000. D. Wilson said to have them adjust their system to work with our plant. Ted said once they get the HotJet, they could be cleaning out key areas of the system before winter. He will pull more samples from the Distillery. They used 205 gal/day. When the BOD is that strong, their BOD surcharge would be nearly \$9,000. Ted will go back and get more specifics and see if they pulled any more samples. C. Bratina said we need to bill both monthly until they make changes.

11. Financial Report: Ted said there is a surplus of \$164,000. They have been shutting off the plant water system on weekends, saving KWH. Sludge hauling is way down from last year, so we should stay on that trend. He will be watching spending for the next three months and doing some jetting.

12. Adjournment: Motion: W. Buckley moved to adjourn at 8:47 p.m. and C. Bratina seconded. All voted aye and the motion carried.



Ann D. Combs, Recording Secretary