



PLYMOUTH, CT
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**TOWN OF PLYMOUTH
WATER POLLUTION CONTROL AUTHORITY
80 MAIN STREET
TERRYVILLE, CT 06786**

The Regular Meeting of the Water Pollution Control Authority was held on Monday January 27, 2025, at 7:00 PM in the training room of the facility at 35 Canal Street, Pequabuck, CT.

PRESENT: Regular Members

George Andrews JR. Chairman
James Maloney, Vice Chairman
Peter Giancesini
John Murphy

OTHERS IN ATTENDANCE:

Plant Manager – Jason Patrick
Assistant Plant Manager- Ryan Wells
Recording Secretary- Heather Dell'Aera
Council Liaison- T.J. Zagurski
Public- Melaine Church

1. Call to Order:

The meeting was called to order by Chairman Andrews at 7:02p.m.

2. Roll Call Attendance:

Chairman Andrews took roll call attendance.

3. Acceptance of Minutes:

a. Regular Meeting Minutes- December 16, 2024:

Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was VOTED: To approve the Regular Meeting Minutes of December 16th, 2024, Roll call was taken, and the motion passed unanimously.

4. Bills and Communications:

a. Review & Approval of WPCA Monthly Bills for December 2024:

Upon a motion made by Mr. Maloney and seconded by Mr. Murphy, it was VOTED: To approve WPCA monthly bills for December 2024 Roll call was taken and the motion passed unanimously.

5. Report of Officers and Committees:

**a. Report of the Plant Manager & Assistant Plant Manager:
Monthly Operating Report for December 2024-**

Plant Manager Mr. Patrick reported:

- We had two violations on our December 2024 state report. We exceeded both our average effluent zinc and copper limits.
- We averaged 0.134 kg/day of copper, and our limit is 0.123 kg/day
- We averaged 0.314 kg/day for zinc and our limit is 0.304
- Copper and zinc are both limits that we have occasionally exceeded in the past (Average only not Max)
- Copper and zinc most commonly enter water supplies through the corrosion of plumbing materials like copper pipes and brass fixtures within homes.

Average monthly flow for December 2024 was 1.348 MGD, with a max flow of 1.617 MGD.

Total Nitrogen for December averaged 208 pounds/day. Our discharge limit is 42 pounds/day.

Sludge-

- We hauled out 17 tankers for the month of December with an average of 2.7% solids. This equaled 12.4 dry tons (24,882 pounds).

Plant Efficiency, % Removal

- September
 - BOD = 96%
 - SS = 95% removal
 - Permit limit is 85%

Secondary Clarifier #2 Drain Valve Repair -

We have been unable to use one of our secondary clarifiers due to a leaking drain valve. Eastern Water repaired the valve, and we plan on putting the tank online in the near future. We haven't received a bill yet, but the cost was estimated at \$6,000.

Checktronic Actuators-

We received both our checktronic actuators for Station #2 and Station #4. They have both been installed and now all three of our pump stations with the checktronic valve have new actuators.

Pump Station #3 Breaker-

We had our main breaker on pump station #3 fail. The station ran on generator for almost 3 days while waiting for the new breaker to come in. The breaker was approximately \$5000. And the total cost for the repair was \$5,710.00. We have had issues with this same breaker at another pump station. This breaker appeared to have some corrosion on the lugs of the line side. Which could indicate it had moisture at some point in the past. Horton Electric has contacted Eversource and is looking into this.

5b. Report of the Secretary: No report

5c. Comments from the Council Liaison: Mr. Zagurski commented- That Mr. Andrews gave a good presentation at the town council meeting. A brief conversation ensued.

5d. Energy Conversation Issues: None at this time.

5e. Capital Improvements Projects: None at this time

6. Old Business:

6a. Follow up discussion, Wright-Pierce Phosphorus Upgrade/ Nutrient Enhancements:

Mr. Patrick reported- On January 14th, we had a meeting with Wright-Pierce and showed them the mapping system, to prepare for the I&I study.

We also had another meeting with the EPA regarding the Earmark funds on January 21st. This was more of an informational meeting. We were introduced to the EPA member who has been assigned our grant, we received a general overview of the grant procedure and received all the grant forms. Wright-Pierce also sent in the procurement documents, the EPA has asked for some additional information, and we are currently working on getting that over to them.

6b. Follow Up Discussion South Street Force Main Lining:

Mr. Patrick reported- No new updates - The force main lining project is 99% complete. Both patches are paved to DOT Standards. The only thing left is to repaint the road lines. The current cost is \$217,352.17.

6c. Follow up Discussion – South Street Odors:

Mr. Patrick reported- We have done a trial with a dry chemical, called pure eagle which contains Nitrate. After a few weeks we did not have the results, we were hoping for. The hope was that the bacteria would use the Nitrate instead of Sulfate, eliminating the development of Hydrogen Sulfide.

Next, we are going to try a chemical called GC PRO. This is an oxidizer that uses activated peroxide to react directly with the properties that cause odors. We have put in a order and hope to try this out in the next week.

Jason has also reached out to Xylem regarding a chemical called Bioxide. This is a very popular chemical for treating odors in wastewater and has been recommended to me by other facilities. They have offered to lend us a meter to monitor the discharge manhole that will trend the h₂s before and after dosing. The chemical can be used year-round (doesn't freeze until -20) We are planning on meeting with their rep in mid-February.

6d. Follow up Discussion- Scott Road- 60 Unit Development:

Mr. Patrick reported- There has not been any new information on this project.

7. New Business:

a. Discussion & Voting- 11 Dewey Street/ Updated Sewer Blockage Response Policy:

Mr. Patrick reported- On Friday January 3rd, 2025, we received a call from the Police Dept. that there was a sewer back up into a resident's basement at 11 Dewey Street. The on-call operator responded and found our main sewer line to be backed up. He called in two more operators; they cleared the blockage. A few days later Jason received an email from Resto Pros (restoration company called to clean up the basement) The email included pictures and repair estimates. Jason passed this information along to the Town's insurance, where they can decide who is liable. We also had the sewer lines in that area cleaned and all debris in the line removed on January 10th, 2025. A brief discussion ensued.

Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was VOTED: To accept the changes to the stoppage policy. Roll call vote was taken, and the motion passed unanimously.

b. Discussion & Voting- Town Invoices for October, November and December for a total of \$187,328.60

Mr. Patrick presented the updated invoices for the months of October, November, and December 2024.

Upon a motion made by Mr. Maloney and seconded by Mr. Murphy it was Voted: to pay October 2024 = \$62,207.32, November 2024 = \$62,855.28 and December 2024 = \$62,266.00 - three (3) Invoices for the amount = \$187,328.60. Roll call vote was taken and the motion passed unanimously.

c. Discussion – 2025 Operating Budget:

Mr. Patrick reported- The new town Finance Director asked Jason to send an updated letter to allow us to make line-item transfers once there is a shortage in a line item. A brief discussion ensued. Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was VOTED: To approve the updated Line- item Transfer Letter. Roll call was taken and the motion passed unanimously

d. Rate Book Report December 2024- NW Mutual Statement December 2025:

A brief discussion ensued regarding the status of Northwest Mutual. The current collection rate is at 62.12% for the month of December 2024.

8. Public Comment: Melanie Church 328 Main St. Terryville suggested, to check with surrounding towns on their sewer back up policies.

9. Other Business: Mr. Patrick added to the previous discussion regarding the monthly budget report. There were a couple shortages in a few line items – Fleet Repairs & Maintenance, Milage Reimbursement & Clean Water Fund. A brief discussion ensued.

10.. Executive Session- Union Negotiations:

Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was: VOTED: To move to the executive session at 7:55pm. Roll call vote was taken, and the motion passed unanimously.

Mr. Patrick, Mr. Wells & Mrs. Dell'Aera were invited to join

Upon a motion made by Mr. Maloney and seconded by Mr. Murphy, it was: VOTED: To exit out of executive session at 8:10pm. Roll call vote was taken, and the motion passed unanimously

11. Union Negotiations – Voting:

Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was VOTED: To authorize the changes recommended by the plant manager to the union insurance plan. Roll call was taken, and the motion passed unanimously.

12: Adjournment: Upon a motion made by Mr. Murphy and seconded by Mr. Gray, it was: VOTED: To adjourn at 8:12pm. Roll call vote was taken, and the motion passed unanimously.

A handwritten signature in black ink, appearing to read "Heather Dell'Aera", written in a cursive style.

Heather Dell'Aera
Recording Secretary