



**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 October 20, 2025, at 7:00 PM in the training room of the facility at 35 Canal Street, Pequabuck, CT.

2025 NOV 20 11:02
John Andrews
John Andrews
TOWN CLERK
PLYMOUTH, CT
TOWN CLERK'S OFFICE
RECEIVED

PRESENT: Regular Members

George Andrews JR. Chairman
Philip Armbruster, Secretary
Peter GIANESINI
John Murphy
Alternate Member- Scott Gray

OTHERS IN ATTENDANCE:

Plant Manager – Jason Patrick
Assistant Plant Manager- Ryan Wells
Recording Secretary- Heather Dell'Aera

1. Call to Order:

The meeting was called to order by Chairman Andrews at 7:00p.m.

2. Roll Call Attendance:

Chairman Andrews took roll call attendance. Mr. Gray was appointed as a voting member.

3. Acceptance of Minutes

a. Regular Meeting Minutes- August & September 2025:

Upon a motion made by Mr. Murphy and seconded by Mr. GIANESINI, it was VOTED: To approve the Regular Meeting Minutes of August 18th, 2025, and September 15, 2025 as amended, Roll call was taken, Mr. Armbruster abstained and the motion passed.

4. Bills and Communications:

a. Review & Approval of WPCA Monthly Bills for September 2025:

Upon a motion made by Mr. Murphy and seconded by Mr. Armbruster, it was VOTED: To approve WPCA monthly bills for September 2025. 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 September 2025-

Assistant Plant Manager Mr. Wells reported:

- September 2025- We had one violation to our NPDES Permit that lasted for 2 days. pH dropped to 5.7 and 5.9. The lower permit limit is 6.0. Corrected with caustic adjustment.

Flow-

- Average monthly flow for September 2025 was .749 MGD (43% of design flow). September brought a rainfall of 2.8 inches of rain in the rain gauge. Resulting in minimal fluctuations in our process.
- Plant is designed for 1.75 MGD
- September- Phosphorous discharge (monitoring only): 2.07 lbs./day average
- Total Nitrogen for 113.9 lbs./day. Our discharge limit is 42 lbs./day.

Sludge-

- September- We trucked out a total of 43,910 dry lbs. of solids or 21.95 dry tons.
- The sludge hauler had an average solids content of 3.0%
- Total gallons hauled out for incineration was 175,500 gallons or 27 tanker loads.

Efficiency, % Removal-

- BOD % Removal = 97%
- TSS % Removal = 99%

Yard Valves- Mr. Wells, has been in contact with United Concrete to get a quote for a vault to be constricted and delivered. Joes Sanitation had excavated the yard valves, but we need to excavate some more to make room for a doghouse vault to be placed. The quote amount is \$10,436.00.

Mr. Patrick also stated, we excavated the stuck valves that are used for wasting sludge and dewatering tanks. We were able to get the valve we were having issues with fully closed but they are very difficult to operate. Right now, we are looking into a couple of different options. One is to replace the valves while they are exposed. Jason reached out to Eastern Water and the price to replace the valves is \$21,502.00 including all materials. Another option would be to put a concrete vault around the valves and plan on replacing them in the near future. This would eliminate the need to ever dig them up again and ensure we would not have problems with debris (rock or dirt) causing the valves not to function. A brief discussion ensued. It was decided to add yard valves to new business for discussion and voting.

Mr. Patrick reported-

Collection Systems- Prime Electric was here last week and we raised 10 manholes. This included Manholes on High Street, North Main Street, Tunnell and some manholes located in easements near South Riverside.

Pump Station #2- We are preparing to swap out a pump and check valve at pump station #2. This will complete the pump rebuilds for Pump Station #2 and #3 (Both use the same exact pumps). After the installation, all pumps in service will be rebuilt.

Other Small Projects- 6" Check valve Swap & Servicing Primary Tank #2

5b. Report of the Secretary: None at this time.

5c. Comments from the Council Liaison: Not present

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

5e. Capital Improvements Projects:

(See Attachment) Mr. Patrick reported- Our submittal for the purposed capital projects are in the packets for review. A brief discussion ensued. Mr. Andrews and Mr. Murphy added that we could add in multiple sections on the form the concern for the staff's safety, with concern if bricks continue falling off it can become a liability in addition to a safety concern.

Melanie Church 328 Main Street Terryville- Also suggested there could be unseen dangers that we are not aware of regarding the maintenance of the buildings.

The pictures of the buildings were reviewed.

Mr. Andrews also noted on the generator's proposal there were two quotes for gas vs diesel and he questioned which was the better option. A brief discussion ensued and it was decided to choose gas. Mr. Patrick will make the appropriate updates to the Capital Improvements forms and submit them to the committee.

6. Old Business:

6a. Follow up Discussion – Wright Pierce Inflow / Infiltration Study:

Ms. Christine Kurtz presented a summary of the Inflow/ Infiltration Study. Per the study, they found areas that did have higher amounts of infiltration but not significant amounts, it is more widespread infiltration. Wright Pierce will schedule an appointment with the WPCA to go over the information in more detail and then we can restructure the recommendations to move forward. A brief discussion ensued.

6b. Follow Up Discussion – Wright-Pierce Phosphorus Upgrade/ CDS Funding:

Mr. Patrick received DEEP's approval for the amendment, it was signed and sent to the EPA on the 17th. They were in the process of reviewing it but because of the government shutdown there is a lapse in funding and there will be a delay in review. Phosphorus study- Wright Pierce had a site visit and went over the process of how we operate the facility.

6c. Follow Up Discussion – South Street Odors/Chemical Treatment System:

Mr. Patrick reported- We have the temporary system in place. We talked with Evoqua and we are around 30 days out from getting our new system. Should be up and running within a couple of months. A brief discussion ensued.

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

Mr. Patrick reported- The remaining three (3) laterals have been installed and inspected.

The remaining punch list items include-

- Sewer Maintenance Agreement

- As-Builts

-Post CCTV inspections (need lateral location for two (2) buildings).

6e. Follow up Discussion – South Main Street- Biodiesel:

Mr. Patrick reported- Not much new to report, Jason is planning on reaching out to Vance and Andy to see if they are still working on the a MIU (Miscellaneous Industrial Users) permit.

6f. Follow up Discussion - 75 High Street- Multi Unit Development:

Mr. Patrick reported- 75 High Street is getting ready to hook up to the sewer. They still need to pay the connection fees and pull the permit. They are going to install a doghouse manhole over the main, run 59' (feet) of 8" (inch) SDR 35 and then install another manhole. There will be full inspection by Wright Pierce for the manholes and the 8" (inch) sewer main. They will still need

- As-Builts,
- Maintenance Agreement
- Post installation Inspection

6g. Follow up Discussion – 42 South Street – Multi Unit Development:

Mr. Patrick reporter- We received a call from a contractor regarding adding 250 units to the condos located at 42 South Street. He was informed of the connection fee, which would be \$625,000.00 plus a \$100.00 permit fee per building. They have also received our new policy regarding multi-unit developments. He was told the first step is that an town approved engineering firm would need to review sewer infrastructure and ensure capacity. Depending on the exact location of the project the flow could go in two directions. Down South Street to Pump Station #2 or down Maple Ave to Pump Station #4. A brief discussion ensued.

6h. Follow up Discussion- Prospect Street – Multi Unit Development:

Mr. Patrick reported- Nothing new to report on sewer at this time.

6i. Follow up Discussion & Voting – Jet Truck:

(See Attachment)

Mr. Wells reported- In an email chain with Mike Gregory from Sanitation Services, he mentioned price increases are expected starting January 2026. To avoid an increase in our quote, he asked if we could sign an intent to purchase letter so the truck can be ordered and assembled to our specifications. A brief discussion ensued.

Upon a motion made by Mr. Murphy and seconded by Mr. Gray, it was VOTED: To send out a letter of intent to purchase Jet Truck. Roll call was taken and the motion passed unanimously.

6j. Follow up Discussion – Pump Station #6 Stationary Generator-

Mr. Patrick reported- The purchase order has been sent, the generator has been ordered. We are waiting to hear back on lead time.

7. New Business:

7a. Discussion & Voting- Sewer Installation and Inspection Agreement:

Mr. Patrick reporter- Jason wrote up an agreement that we would like contractors to sign regarding the installation and inspection of sewer laterals. Most of this wording is already in the Sewer Ordinance. We have had issues with-

- Connections being buried before inspection
- Contractors not using correct materials
- Contractors calling for last-minute inspections at the end of the workday or after hours

Jason would like the plumber to sign this agreement stating he will comply with our regulations and call for an inspection. Hopefully this will help avoid these situations.

Upon a motion made by Mr. Gray and seconded by Mr. Murphy, it was VOTED: To approve the Sewer Installation and Inspection Agreement as amended. Roll call was taken and the motion passed unanimously.

7b. Discussion & Voting- Wright Pierce Invoice #0000246867 in the amount of \$20,629.54:

The Statement was reviewed. A brief discussion ensued.

Upon a motion made by Mr. Murphy and seconded by Mr. Armbruster, it was VOTED: To pay invoice #0000246867 in the amount of \$20,629.54. Roll call was taken and the motion passed unanimously.

7c. Discussion- Budget Report & Line-item Transfers:

(See attachment) Mr. Patrick reported- One transfer for this month. The budget looks good so far. We are higher in the chemical line item currently but are still in good shape. Jason should have the final budget for the next meeting. A brief discussion ensued.

7d. Discussion – ICS Account- Interest and Fees Update:

Mr. Patrick reported- Jason has not received the log in information for the new account, so he does not have any interest or fees to report on at this time. He did get an update on the interest rate. It dropped 0.25% and is down to 3%.

7e. Discussion – Rate Book Report August & Northwest Mutual Statement September:

A brief discussion ensued regarding the status of Northwest Mutual. The current collection rate is at 91.80% for the month of September 2025.

Upon a motion made by Mr. Murphy and seconded by Mr. Gray, it was VOTED: To add item 7f. Discussion and Voting- Valve boxes and Valve Replacements-. Roll call was taken and the motion passed unanimously.

7f. Discussion and Voting- Valve Boxes and Valve Replacements:

The consensus was to replace the valves at this time. Mr. Armbruster added there is a possibility that during the upgrade they could be in the way, and we do not want to throw away money on the vaults if they could be moved. Mr. Patrick reviewed the quote for the valve replacement.

Upon a motion made by Mr. Murphy and seconded by Mr. Armbruster, it was VOTED: to allocate \$22,000.00 to replace the valves per the quote. Roll call was taken and the motion passed unanimously.

8. Public Comment:

Melanie Church - 328 Main Street, Terryville, suggested we can put the vac truck out for state bid (auction) and we can set the minimum bid we want for the vehicle. A brief discussion ensued. Mr. Wells will investigate the process.

9. other Business: none at this time

10. Adjournment: Upon a motion made by Mr. Armbruster and seconded by Mr. Murphy, it was: VOTED: To adjourn at 8:52pm. Roll call vote was taken, and the motion passed unanimously.

Respectfully Submitted,


Heather Dell'Aera
Recording Secretary

Attachments:
Capital Improvements
Jet Truck
Budget Report and Line-Item Transfers

Plymouth WPCA Board Meeting

10/20/2025

Capital Improvements

I included our submittal for capital projects in your packet. These must be submitted to the mayor's office by the end of this month (October 31st). After all departments submit their projects, the Capital Improvements Committee will schedule a time for each department to present their projects.

I have drafted paperwork for:

1. The Blower Building Repairs
2. The Service Building Repairs
3. HVAC Equipment
4. Plant Generator (Gas and Diesel)

These are the areas we focused on last year. I received updated pricing on the HVAC equipment and Christine helped update the building study and repairs. I am hoping to get updated pricing on the plant generator soon.

Jason W. Patrick

WPCA Plant Manager

Plymouth WPCA Board Meeting

10/20/2025

Jet Truck

I have reached out to local Credit Unions and local banks to see what is available for a loan for a new Jet Truck. The lowest interest rate is with the National Government Agency Financing at 5.5%. Thomaston Savings bank was the next lowest at 6.19%.

I received some estimates from NCL and with a 7-year loan we would need to put \$150,000 down to have yearly payment of \$46,545.31. This would be close to what we currently spent the last two years on maintenance and emergency Jet and Vac Work. We budget about \$35K a year but have been over the last 2 years. Keeping in mind this is mostly emergency work. With the new truck we would be able to get on a maintenance plan for the collection system.

If we were to go forward with the NCL our payments would be due 1 year after the close date. Therefore we would not owe a payment until next fiscal year.

We have also received a trade in amount for our truck of \$7,500.

Jason W. Patrick

WPCA Plant Manager

Plymouth WPCA Board Meeting

10/20/2025

Budget Report and Line-Item Transfers

9/29/2025

1. Transfer \$750 from Capital Outlay (6001.82.8215.000000.57300) to Generators Maintenance (6001.82.8205.000000.54900) – Station #3 Generator – Coolant, Hoses and Belt Service