



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

*[Signature]*  
TOWN CLERK

The Regular Meeting of the Water Pollution Control Authority was held on Monday May 19, 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  
Phil Armbruster, Secretary  
Peter Giancesini  
John Murphy  
Scott Gray

**OTHERS IN ATTENDANCE:**

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

**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.

**3. Acceptance of Minutes:**

**a. Regular Meeting Minutes- April 21, 2025:**

Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was VOTED: To approve the Regular Meeting Minutes of April 21, 2025, Roll call was taken and the motion passed unanimously.

**4. Bills and Communications:**

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

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

Assistant Plant Manager Mr. Wells reported:

- We had no violations to report in our NPDES Permit

**Flow-**

- Average monthly flow for April 2025 was 1.1108 MGD (63.3% of design flow)
- Plant is designed for 1.75 MGD
- Phosphorous discharge (monitoring only): 4.65 lbs./day average
- Total Nitrogen for April 2025- average 59.1 lbs./day. Our discharge limit is 42 lbs./day.

**Sludge-**

- We trucked out a total of 14,095 dry lbs. of solids or 7.05 dry tons.
- The sludge hauler had an average solids content of 1.3%
- Total gallons hauled out for incineration was 130,000 gallons or 20 tanker loads.

***Treatment Plant- Mr. Wells reported-***

- **Secondary Clarifier #3-** Mr. Wells reported the clarifier flight was tripping. It was believed to be overload relay tripping the motor. Horton electric came out to meter the motor and followed the power back up to the MCC room in the upstairs blower building where the overloads are located. Nothing was out of order. Upon draining the tank, we noticed dragging on the clarifier bottom. A Operator entered the tank and adjusted the flights. The reason could have been because of the torque, increased amperage and/ or the tripping of the motor.
- **UV Season-** The UV Channel was put online a week prior to April 1<sup>st</sup>. Bank A and Bank B were both tested and are working as they should.
- **Chemical Dosing-** As of April 1<sup>st</sup> we are dosing PAC (Polyaluminum Chloride) as well as Caustic Soda 50%. PAC is used for coagulation and flocculation. Caustic is for Ph control.
- **FOG-** Mr. Wells has completed 3 FOG inspections. All the establishments are complying with the FOG program so far. More inspections to continue over the summer.
- **GPS-** Our subscription for April has been completed. Most of the town is complete except for Main Street and a few manholes buried in the street or in a yard/ easement.
- **684 Main Street-** Mr. Wells reported- Clarence Atkinson (Building inspector) and Jason Patrick inspected the property. The illegal sewer connection has been disconnected.

***Plant Manager Mr. Patrick reported on the Effluent Flow Meter & Blower 2-***

See Attachment\*

Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was VOTED: To add voting (9a) Magnetic Bearing Controller Discussion and Voting. Roll call was taken and the motion passed unanimously

**5b. Report of the Secretary:** No Report

**5c. Comments from the Council Liaison:** No report

**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 – Inflow / Infiltration Study:**

Mr. Patrick reported- The night flow isolation measurements have been completed. On May 14<sup>th</sup> Flow Assessment removed all the flow meters that were installed in the manholes and the rain gauges located at station #1 and #8. The meters were installed for 11 weeks. We are now waiting for any reports and to see what the next step in the study will be.

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

Mr. Patrick reported- We had a meeting with DEEP on April 25<sup>th</sup> to go over the option of submitting the current scope of design work for our Phosphorus Upgrade. DEEP was supportive of the approach. Wright Pierce is modifying the amendment to remove the work that is currently being done with the ARPA funds. (I & I Study, Flow and Loads, and Sludge Study)

**6c. Follow Up Discussion - South Street Force Main Lining:**

Mr. Patrick reported- The epoxy paint lines on South Street are complete. Safety Marking LLC did the lines.  
Total \$219,247.17

**6d. Follow up Discussion – South Street Odors:**

Mr. Patrick reported- We are working with Todd at Evoqua. He is currently getting the lease agreement ready and figuring what size tank we can fit at the pump station. Jason will also be sending letters once we get closer to installation to notify them the system is being put in.

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

Mr. Patrick reported- He has spoken to Haynes Construction, who is now doing the construction. He has emailed them the engineer reports and all sewer requirements.

**6f. Follow up Discussion- 684 Main Street- Illegal Sewer Connections:**

Mr. Patrick reported- The homeowner disconnected the illegal connection. He has also paid the fees.

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

Mr. Patrick reported- We are continuing to work with Wright Pierce and DEEP to verify exactly what is needed for SIU Permit. We have a meeting set up with Vance (Plymouth Office of Economic Development) and Andy (Scotty's Recycling) on May 22<sup>nd</sup> to go over what information Wright Pierce needs so they can perform a general review to finalize the level of effort needed to evaluate this discharge.

**7. New Business:**

**a. Discussion & Voting- Wright Pierce Invoice #0000243717:**

The Statement was reviewed. A brief discussion ensued. Upon a motion made by Mr. Maloney and seconded by Mr. Armbruster, it was VOTED: To pay invoice #0000243717 in the amount of \$37,715.88. Roll call was taken and the motion passed unanimously.

**b. Discussion & Voting- Town Invoices for the months of January, February and March 2025 for a total amount of \$224,918.29:**

Mr. Patrick presented the invoices for the months of January, February and March 2025. Upon a motion made by Mr. Maloney and seconded by Mr. Armbruster it was Voted: to pay January 2025 = \$86,827.09, February 2025 = \$74,746.20 and March 2025 = \$63,345.00 - three (3) Invoices for the amount = \$224,918.29. Roll call vote was taken and the motion passed unanimously

**c. Discussion- Prospect School Development:**

See Attachment

**d. Discussion – 75 High Street Development:**

See Attachment

**e. Discussion – Draft 2025-2026 Operating Budget:**

Mr. Patrick reviewed the budget again; a brief discussion ensued. We are still waiting for the Nitrogen Invoice which could slightly change the budget.

**f. Discussion- Budget Report and Line-Item Transfers –**

Mr. Patrick reported- The budget is looking good. He did have to make some line-item transfers. The workman's comp account was short because we use the towns estimate when budgeting and the actual amount was higher.

**f Discussion – Rate Book Report – April & Northwest Mutual Statement- April –**

A brief discussion ensued regarding the status of Northwest Mutual. The current collection rate is at 79.77% for the month of April 2025.

**8. Public Comment: None present**

**9. Other Business:**

- (9a) Magnetic Bearing Controller Discussion and Voting- A brief discussion ensued regarding where we could pull the money from to replace the Magnetic Bearing Controller. Upon a motion made by Mr. Murphy and seconded by Mr. Maloney, it was: VOTED: To liquidate \$22,000.00 from the North West Mutual Account and \$22,000.00 from the Infrastructure Line-item/ Account. Totaling \$44,000.00. Roll call vote was taken, and the motion passed unanimously.

**10. Executive Session- Administration Contracts:**

Upon a motion made by Mr. Maloney and seconded by Mr. Murphy, it was: VOTED: To move to the executive session at 8:05pm. 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. Murphy and seconded by Mr. Maloney, it was: VOTED: To exit out of executive session at 8:17pm. Roll call vote was taken, and the motion passed unanimously

**11. Discussion & Voting- Administration Contract:**

Upon a motion made by Mr. Maloney and seconded by Mr. Murphy, it was VOTED: To accept the contract for Heather Dell'Aera for the next fiscal year 2025-2026. Roll call was taken, and the motion passed unanimously.

Upon a motion made by Mr. Maloney and seconded by Mr. Murphy, it was VOTED: To accept the contract for Jason Patrick and Ryan Wells with the stipulation that 30 days' notice is required if they are leaving their positions. Roll call was taken, and the motion passed unanimously.

**12: Adjournment:** Upon a motion made by Mr. Maloney and seconded by Mr. Armbruster, it was: VOTED: To adjourn at 8:20pm. Roll call vote was taken, and the motion passed unanimously.

Attachment-  
Effluent Flow Meter & Blower 2  
Prospect Street School Project  
75 High Street

A handwritten signature in black ink, appearing to read "Heather Dell'Aera", with a stylized, flowing script.

Heather Dell'Aera  
Recording Secretary

## **Plymouth WPCA Board Meeting**

**5/19/2025**

### **Effluent Flow Meter**

We did swap out the ultra-sonic sensor for our effluent flow meter and Neponset Controls also made some changes to the program to ensure the meter reads properly. Since the work has been completed the Effluent flow meter has been reading perfectly.

### **Blower 2**

We received an alarm for one of our aeration blowers and the blower would not reset. We had Sulzer come and diagnose the issue and it was found that blower #2 has a bad magnetic bearing controller. We received a Quote for replacement, and it is \$44,467.00. This is the first issue we have had with any of our blowers since they were installed in 2014.

We have three (3) blowers and only use one at a time. This is something that we will have to repair. Our options would be to take the money from the capitol account, checking account or include this in our budget (which would increase the user fee \$11 per unit)

Jason W. Patrick

WPCA Plant Manager



## **Plymouth WPCA Special Board Meeting**

**5/19/2025**

### **Prospect Street School [project]**

I received a call from Ryan Geddes who recently bought the old Prospect Street school. This was last on the agenda in 2019. The plan then was to turn prospect st school and the playing fields into multiple units. (58) They submitted plans in 2019 which were reviewed by Wright Pierce. I put Wright Pierces review into your packet. In January 2019 the WPCA approved the project contingent on receipt and approval by WPCA staff of the revised set of plans that would reflect Wright Pierces review. I also added Robert green associates review of Wright Pierce comments in your packet.

Jason W. Patrick

WPCA Plant Manager

## **Plymouth WPCA Special Board Meeting**

**5/19/2025**

### **75 High Street**

I spoke briefly about a smaller development on 75 High Street in August of last year. I talked with the owner and the contractor last week. They are looking to put in 12 units. This work would include installing a doghouse manhole on High Street over the existing sewer line and then a section of 8" main to an additional manhole.

I contacted Wright Pierce for review of the plans and to get pricing for the owner. The installation of the manholes and 8" sewer lines would require inspection by a WPCA approved engineer.

Jason W. Patrick

WPCA Plant Manager