



TOWNSEND WATER DEPARTMENT
540 Main Street West Townsend, Massachusetts 01474

Todd Melanson, *Chairman*

Nathan Mattila, *Vice-Chairman*

, *Clerk*

David Vigeant, *Superintendent*

(978) 597-2212

water@townsendwater.org

WATER COMMISSIONERS MEETING MINUTES

May 22, 2023 – 7:00 P.M.

Water Department 540 Main Street, Meeting Room

On March 29, 2023, Governor Healey signed into law a supplemental budget bill which, among other things, extends the temporary provisions pertaining to the Open Meeting Law to March 31, 2025. Specifically, this further extension allows public bodies to continue holding meetings remotely without a quorum of the public body physically present at a meeting location, and to provide "adequate, alternative" access to remote meetings. The language does not make any substantive changes to the Open Meeting Law other than extending the expiration date of the temporary provisions regarding remote meetings from March 31, 2023, to March 31, 2025.

Join Zoom Meeting

<https://us06web.zoom.us/j/82069183465?pwd=MmRySlo3WGZ5eklxaGhyROJzOFFDUT09>

Meeting ID: 820 6918 3465 Passcode: 340366 Log on Monday, May 22, 2023, at 7:00 P.M. to participate.

I. PRELIMINARIES:

- 1.1 TM called the meeting to order at 7:02 p.m. and announced the meeting is on Zoom.
- 1.2 TM announced TCAM is recording the meeting and will upload it to YouTube.
- 1.3 Roll Call showed members present: Todd Melanson (TM)-Chairman and Nathan Mattila (NM)-Vice Chairman. Roll call showed citizens present: David Vigeant (DV)-Water Superintendent, Chaz Sexton-Diranian (CSD)-Liaison for the Board of Selectmen.
- 1.4 Reorganize the Board. **NM motioned to reorganize the board as follows Todd Melanson, Chairman and Nathan Mattila, Vice-Chairman. TM seconded. Unanimous vote.**
- 1.5 Chairman's additions or deletions. None.
- 1.6 Approve Meeting Minutes of April 10, 2023. **NM motioned to accept the meeting minutes of April 10, 2023. TM seconded. Unanimous vote.**
- 1.7 Review correspondence. Public Comments. Brenda explained that in her email to Kelly & Ryan she requested the April bill to be perforated, however when the water bill was received, they did not have the perforation that she had instructed. In addition, Todd asked Dave to upload to the website instructions on how to calculate your water bill. Both he and Nathan feel it will help simplify their understanding of their water bill. NM stated he spoke to Keith Turgeon about the baseball field at the Spaulding fields. NM directed his questions to DV. DV stated the TABYA is now leasing the fields from the school and are planning some significant upgrades. DV will reach out to Keith to get an update.

II. APPOINTMENTS-VOTES MAY BE TAKEN

- 2.1 None

III. MEETING BUSINESS-VOTES MAY BE TAKEN:

- 3.1 None

IV. COMMISSIONERS UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 4.1 Discuss Engineering. Tabled.

V. LIASON UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 5.1 Chaz requested that we post for the Board of Water Commissioner vacancy as soon as possible. Chaz also informed the BOWC that he will be staying on as our liaison for the upcoming year due to the massive project ahead.

VI. SUPERINTENDENT'S UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 6.1 Update/Discuss PFAS/Harbor Trace Treatment Plant. DV reported that there will be a construction meeting on Wednesday, May 24, 2023, at the town hall. The OPM will be there as well as Tighe & Bond and the Contractor. DV also stated all building inspection fees will be paid through the Water Department budget. TM stated he would like to get on the next towns properties committee meeting. DV stated that he will meet with the town attorney to have the storm water plan recorded. Lastly DV reported that the State revolving funds were received in the amount of \$20,916.00. This funding has a guaranteed forgiveness of 58.2% and it could be more.
- 6.2 Discuss Groundbreaking commencement at Harbor Trace Treatment Plant. DV will be sending out invitations soon.
- 6.3 Discuss / Approve lien process. The Board reviewed the lien collection reports from the Treasurer.

VII. OFFICE UPDATES AND REPORTS-VOTES MAY BE TAKEN:

- 7.1 The Board scheduled the next BOWC meeting for Monday, June 12, 2023.
- 7.2 NM moved to review and approve the end of month reports and sign the bill payable warrants out of session. TM seconded. Unanimous vote.

ADJOURNMENT

NM moved to Adjourn the BOWC meeting on May 22, 2023, at 7:42 P.M. TM seconded. Unanimous vote.

Respectfully submitted,



Brenda Boudreau
Office Manager
Townsend Water Department

David Vigeant

From: Water
Sent: Friday, May 19, 2023 2:59 PM
To: David Vigeant
Subject: FW: Spaulding Project

From: Keith Turgeon <keith.turgeon@taybs.org>
Sent: Friday, May 19, 2023 2:37 PM
To: Water <water@townsendwater.org>
Subject: Spaulding Project

Hello,

We are about to kick of a major renovation project being the Spaulding Memorial School on the ballfields. As part of this project we would like to have water available at our Snack Shack (just like we have at Craven Field). This is all town land, and is for the town kids, so we are hoping that the water department would be able to help us get this project off the ground. We would take care of the usage bills once things are installed, just like we do at Craven Field. I spoke with Nate Matilla about the project, and he was very open to the idea of helping, but said we should start with talking with someone in the office to get the project started.

Let me know what next steps would be.

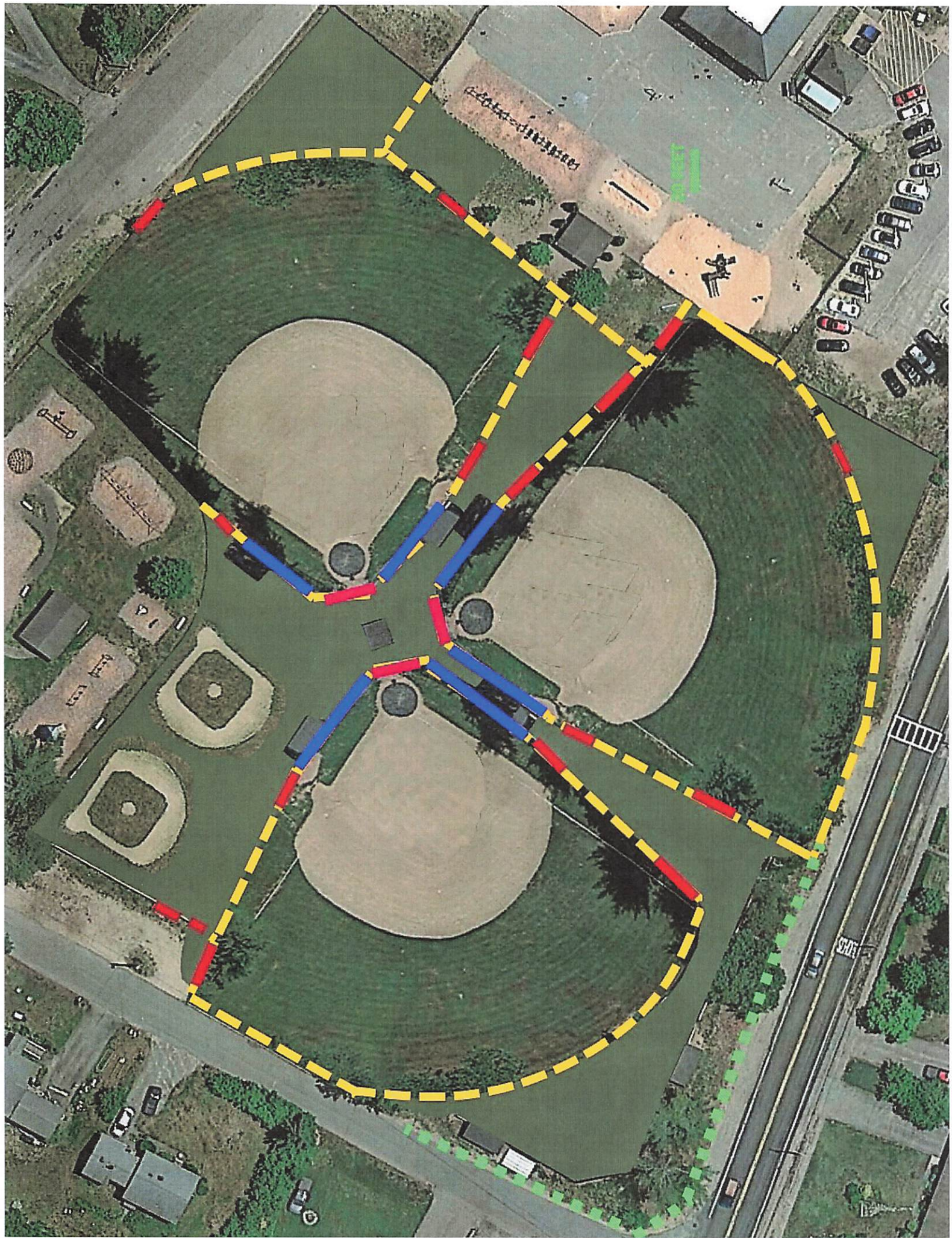
Thanks,
Keith

Keith Turgeon
League President
Townsend Ashby Youth Baseball & Softball
PO Box 443
Townsend, MA 01469, USA

Mobile: 978-729-3383
<http://www.taybs.org>

Need to book a meeting? Please use <https://cal.com/kturgeon>





ME
1.7

From: Kathy Spofford
Sent: Wednesday, April 26, 2023 9:51 AM
To: David Vigeant <dvigeant@townsendwater.org>
Subject: elected officials

Hi Dave,

Just informing you that I spoke with Nathan Mattila who had the most votes in both the 3-year position and the 1-year position. He has chosen the 1-year position and will try to get in today to be sworn in. Therefore, you should post for the 3-year position that will expire on April 22, 2024 and that person would have to run for the remainder of the term which would expire on April 27, 2026.

Kathy



Kathleen M. Spofford, CMMC,
Town Clerk
Town of Townsend
Memorial Hall, 272 Main St. | Townsend, MA 01469
t: 978.597.1704 | f: 978.597.8135 | www.townsendma.gov
Notary Public
Commission to Qualify
Justice of the Peace
Hours: M, W, Th 9a-4p, Tues 9a-6p, Fri 9a-noon

"There comes a time in your life, when you walk away from all the drama and people who create it. You surround yourself with people who make you laugh. Forget the bad, and focus on the good. Love the people who treat you right, pray for the ones who don't. Life is too short to be anything but happy. Falling down is a part of life, getting back up is living." – Anonymous

Please note that my email address has changed to kspofford@townsendma.gov, and my kspofford@townsend.ma.us address will no longer receive mail after October 2020. Please be sure to make changes to your contact/address book before then so that we will not lose contact. Thank you.

1.7

| | | |
|-------|---------|---------|
| 15-30 | \$7.78 | \$10.40 |
| 30-45 | \$10.37 | \$13.86 |
| 45+ | \$12.96 | \$17.33 |

? Please be sure to include your account number on your check when mailing in your payment to ensure proper posting. Thank you!
R. PERFORATION?
\$5.18 45.00 BASE #
x 1000 = 51.80 TOTAL 96.80

See Note: Attached

| Service Location | Parcel Identifier | Account # | Issue Date | Due Date |
|---------------------|-------------------|-----------|------------|------------|
| 31 BROOKLINE STREET | 52-74-0 | 60615 | 04/01/2023 | 04/30/2023 |


SPAULDING STEPHEN E.
 31 BROOKLINE STREET
 TOWNSEND, MA 01469-1506

MAIL TO:
 Townsend Water Department
 PO BOX 321
 Medford, MA 02155-0004

04/05/23 002 002 55 0207 179 376483 01

| REMITTANCE COUPON | |
|----------------------------------|----------------------------------|
| Please Return With Payment | |
| Account Number: | 60615 |
| Current Charges: | <i>Base 45.00</i> \$96.80 |
| Credits: | <i>Usage 1000</i> \$0.00 |
| Past Due: | <i>Rate per unit 5.18</i> \$0.00 |
| Interest: | <i>TOTAL</i> \$0.00 |
| Amount Due If Paid By 05/01/2023 | <i>Base</i> \$96.80 |

04 00 001858 0000009680 043023 00000096803

1

 To the Water Dept.
 of Townsend, MA.

① To much paper!
 ② Where is the
 perforation to
 tear off Receipt?

③ Bills are Terrible,
Too Complicated,

Go back to bills
 in 1970-1980's
 where you can
 understand the
 bill material.

What a waste of
 paper!!!

Customer # 60615
 Stephen + Judith
 Spraulding

The Detailed Plan

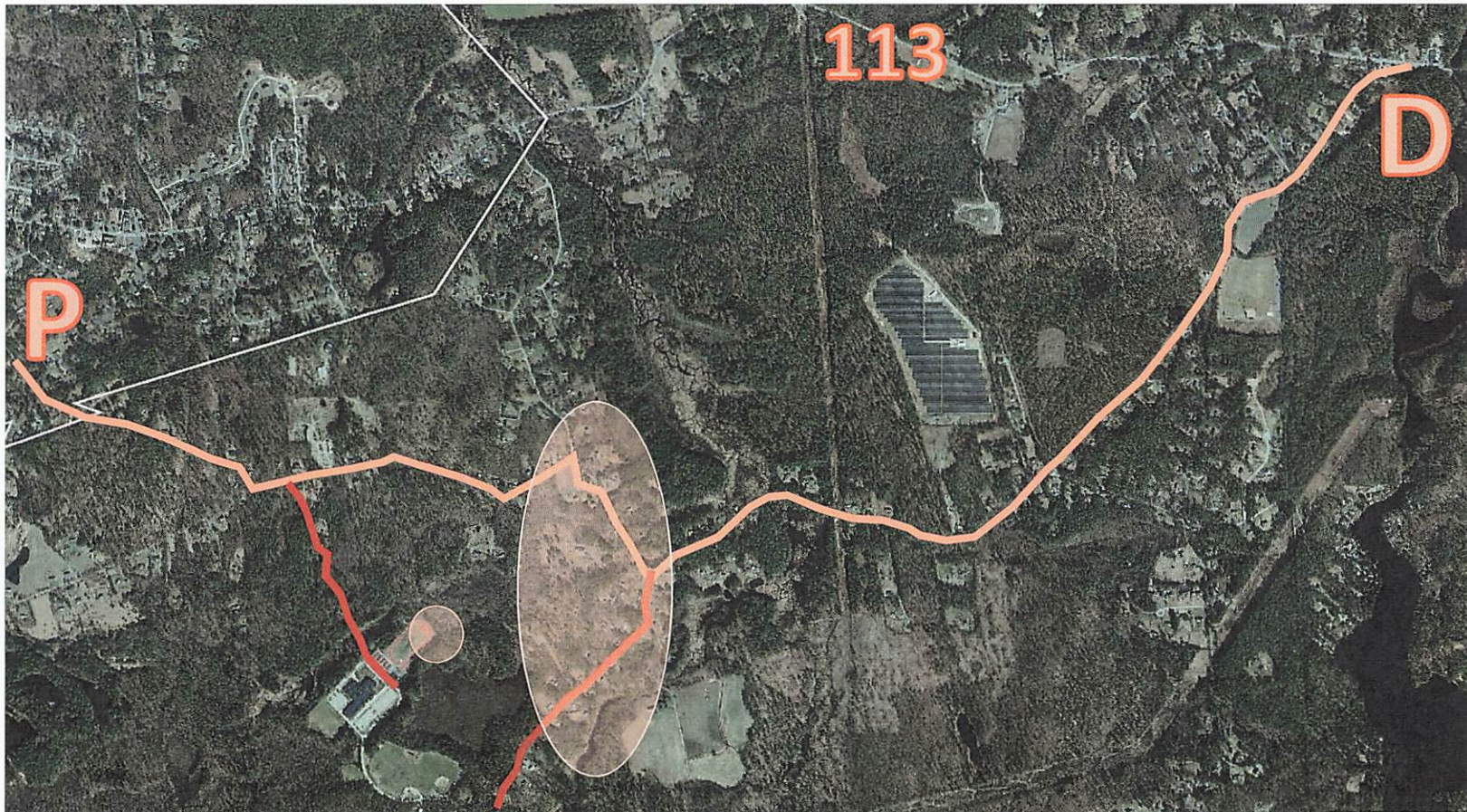


| Location | Big Picture | Action |
|------------------------|--|--|
| Nashua Rd Well Supply | Needs \$30M+ to comply with PFAS (and Fe & Mn) | Hold as Emergency only |
| Bemis St Wells Supply | Complies with Mass and EPA | Monitor and Protect |
| Jersey St Wells Supply | Complies with Mass limits exceeds EPA limits | Pilot Treatment Design Treatment Plant Construct Treatment Plant |
| New Supplies | Utilize existing sources of water | Extend water system to Dunstable |
| New Supplies | Find alternate supplies in Pepperell | Identify new supplies and conduct preliminary analysis |

Jersey Street Wells



Water Main Extension



Current Actions - Detailed



- Starting a Pilot at Jersey Street Well - **\$13M+/-**
 - Determine best type of treatment
 - Determine sizing and better define costs
 - Design and Construct Water Treatment Plant
- Extend Water System to Dunstable - **\$17M+/-**
 - Permit, Design and Construct water main extension to Dunstable including a service to GDRHS
 - GDRHS to pay for **\$7M** of project
- Lawsuit
- Funding – ATM Article \$30M, SRF Loans

Future Actions



- Remediate known releases
- Cost recovery
- Change/Improve groundwater protections
 - Land acquisition
 - Private well / Septic systems
- Expand Sewer District
- New water supplies
- Nashua Road Well?

THANKS



Questions?





PFAS Update

**Select Board
April 10, 2023**

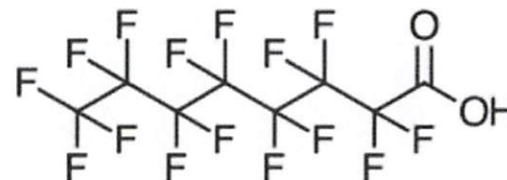
Paul Brinkman, DPW Business Manager

Department of Public Works

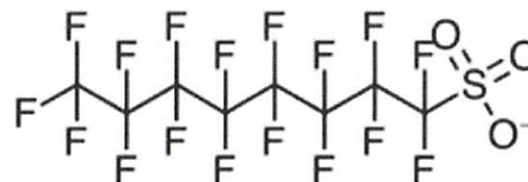
New EPA Regulations



- Proposed March 14, 2023
- Open For Public Comment (due May 30, 2023)
- Public Hearing May 4, 2023
- Finalize by end of 2023



Perfluorooctanoic acid (PFOA)



Perfluorooctane sulfonate (PFOS)

How have the limits changed?



| Compound | MassDEP | EPA | MassDEP Limit | EPA Limit |
|----------------|---------|-----|--|---------------|
| PFDA | X | | Total of 20 ng/l (parts per trillion) | |
| PFHPA | X | | | |
| PFOA | X | X | | 4 ng/l (ppt)* |
| PFOS | X | X | | 4 ng/l (ppt)* |
| PFNA | X | X | | Health Index |
| PFHxS | X | X | | |
| PFBS | | X | | |
| GenX (HFPO-DA) | | X | | |

* MCLG Maximum Contaminant Level Goal is non-detectable



Health Index?

- Ratio of four specific compounds to standards
- The total of which cannot exceed 1.0

$$HI_{MCLG} = \left(\frac{[GenX_{water}]}{[GenX_{HBWC}]} \right) + \left(\frac{[PFBS_{water}]}{[PFBS_{HBWC}]} \right) + \left(\frac{[PFNA_{water}]}{[PFNA_{HBWC}]} \right) + \left(\frac{[PFHxS_{water}]}{[PFHxS_{HBWC}]} \right) = 1.0$$

$$HI_{MCLG} = \left(\frac{[GenX_{water}]}{[10 \text{ ng/L}]} \right) + \left(\frac{[PFBS_{water}]}{[2000 \text{ ng/L}]} \right) + \left(\frac{[PFNA_{water}]}{[10 \text{ ng/L}]} \right) + \left(\frac{[PFHxS_{water}]}{[9 \text{ ng/L}]} \right) = 1.0$$

here

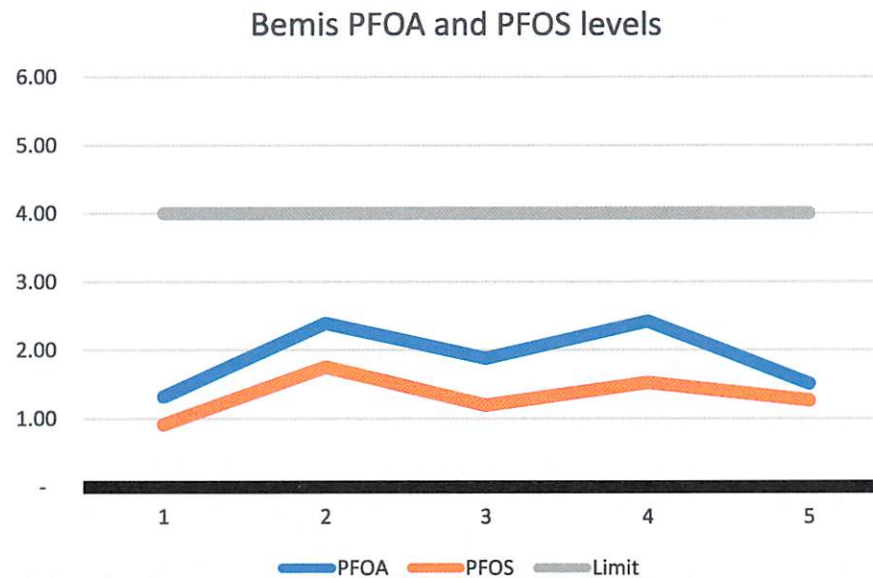
$[PFAS_{water}]$ = the measured component PFAS concentration in water and

$[PFAS_{HBWC}]$ = the HBWC of a component PFAS.

Where does Pepperell stand?



| Source | MassDEP | EPA Proposed |
|--------------------|---------------|---------------|
| Nashua Road Well | Does not meet | Does not meet |
| Bemis Road Well | Meets | Meets |
| Jersey Street Well | Meets | Does not meet |



Initial Efforts



- Sources – where is it coming from?
 - Former dump sites
 - Releases – aqueous fire fighting foam, etc.
 - Air deposition
 - Development
 - Septic systems
- Treating the groundwater – how do we fix it?
- Finding new water supplies
- Finding funding – Legal, State grants, Low interest loans

4.3

Debit Charges Report

From 7/1/2022 To 4/18/2023

January 2023

| Receivable | Total Charges |
|---------------------|---------------|
| Backflow | \$150.00 |
| Final Fee | \$150.00 |
| Services | \$6,500.00 |
| Water | \$383,651.70 |
| January 2023 Totals | \$390,451.70 |

February 2023

| Receivable | Total Charges |
|----------------------|---------------|
| Final Fee | \$225.00 |
| Services | \$500.00 |
| Water | \$156.34 |
| February 2023 Totals | \$881.34 |

March 2023

| Receivable | Total Charges |
|-------------------|---------------|
| Final Fee | \$75.00 |
| Services | \$30.33 |
| Water | \$172.65 |
| March 2023 Totals | \$277.98 |

April 2023

| Receivable | Total Charges |
|-------------------|---------------|
| Backflow | \$7,575.00 |
| Final Fee | \$78.75 |
| Services | \$7,302.50 |
| Water | \$331,181.46 |
| April 2023 Totals | \$346,137.71 |

July 2022

| Receivable | Total Charges |
|------------------|---------------|
| Final Fee | \$750.00 |
| NSF Fee | \$25.00 |
| Services | \$7,950.00 |
| Water | \$454,828.76 |
| July 2022 Totals | \$463,553.76 |

August 2022

| Receivable | Total Charges |
|--------------------|---------------|
| Final Fee | \$1,275.00 |
| Services | \$500.00 |
| Water | \$2,049.10 |
| August 2022 Totals | \$3,824.10 |

September 2022

| Receivable | Total Charges |
|-----------------------|---------------|
| Final Fee | \$525.00 |
| Services | \$3,000.00 |
| Water | \$1,515.50 |
| September 2022 Totals | \$5,040.50 |

October 2022

| Receivable | Total Charges |
|------------|---------------|
| Backflow | \$6,900.00 |
| Final Fee | \$450.00 |
| Services | \$8,919.78 |

Debit Charges Report**From 7/1/2022 To 4/18/2023**

| | | |
|----------------------|--|----------------|
| Water | | \$732,395.76 |
| October 2022 Totals | | \$748,665.54 |
| November 2022 | | |
| Receivable | | Total Charges |
| Final Fee | | \$225.00 |
| Services | | \$2,050.00 |
| Water | | \$1,228.91 |
| November 2022 Totals | | \$3,503.91 |
| December 2022 | | |
| Receivable | | Total Charges |
| Final Fee | | \$450.00 |
| Services | | \$350.00 |
| Water | | \$2,044.55 |
| December 2022 Totals | | \$2,844.55 |
| Report Totals | | \$1,965,181.09 |

Debit Charges Report**From 7/1/2021 To 6/30/2022****January 2022**

| Receivable | Total Charges |
|---------------------|---------------|
| Final Fee | \$400.00 |
| Services | \$5,475.00 |
| Water | \$303,354.91 |
| January 2022 Totals | \$309,229.91 |

February 2022

| Receivable | Total Charges |
|----------------------|---------------|
| Final Fee | \$150.00 |
| Services | \$3,216.85 |
| Water | \$5,928.17 |
| February 2022 Totals | \$9,295.02 |

March 2022

| Receivable | Total Charges |
|-------------------|---------------|
| Final Fee | \$450.00 |
| Services | \$500.00 |
| Water | \$284.78 |
| March 2022 Totals | \$1,234.78 |

April 2022

| Receivable | Total Charges |
|-------------------|---------------|
| Backflow | \$5,995.00 |
| Final Fee | \$600.00 |
| Services | \$5,252.00 |
| Water | \$230,749.39 |
| April 2022 Totals | \$242,596.39 |

May 2022

| Receivable | Total Charges |
|-----------------|---------------|
| Final Fee | \$300.00 |
| Services | \$250.00 |
| Water | \$325.01 |
| May 2022 Totals | \$875.01 |

June 2022

| Receivable | Total Charges |
|------------------|---------------|
| Final Fee | \$750.00 |
| Water | \$1,826.25 |
| June 2022 Totals | \$2,576.25 |

July 2021

| Receivable | Total Charges |
|------------------|---------------|
| Backflow | \$385.00 |
| Final Fee | \$550.00 |
| Services | \$5,580.00 |
| Water | \$322,479.87 |
| July 2021 Totals | \$328,994.87 |

August 2021

| Receivable | Total Charges |
|--------------------|---------------|
| Final Fee | \$450.00 |
| Water | \$769.30 |
| August 2021 Totals | \$1,219.30 |

September 2021

Debit Charges Report**From 7/1/2021 To 6/30/2022**

| Receivable | Total Charges |
|-----------------------|-----------------------|
| Final Fee | \$350.00 |
| Services | \$1,500.00 |
| Water | \$828.01 |
| September 2021 Totals | \$2,678.01 |
| October 2021 | |
| Receivable | Total Charges |
| Backflow | \$4,785.00 |
| Final Fee | \$550.00 |
| Services | \$9,318.43 |
| Water | \$340,558.88 |
| October 2021 Totals | \$355,212.31 |
| November 2021 | |
| Receivable | Total Charges |
| Final Fee | \$550.00 |
| Water | \$816.70 |
| November 2021 Totals | \$1,366.70 |
| December 2021 | |
| Receivable | Total Charges |
| Final Fee | \$700.00 |
| Water | \$1,175.62 |
| December 2021 Totals | \$1,875.62 |
| Report Totals | \$1,257,154.17 |