



Select Board Meeting  
Meeting Packet  
November 18, 2025





**MASSACHUSETTS SCHOOL BUILDING AUTHORITY  
TOWN OF MEDFIELD  
DALE STREET ELEMENTARY SCHOOL  
DESIGN ENROLLMENT CERTIFICATION**

As a result of a collaborative analysis with the Massachusetts School Building Authority (the “MSBA”) of enrollment projections and space capacity needs for the proposed project at the Dale Street Elementary School, the Town of Medfield hereby acknowledges and agrees that the design of the proposed project at the Dale Street Elementary School shall be based on an enrollment of no more than 460 students in grades 4-5. The Town of Medfield further acknowledges and agrees that pursuant to 963 CMR 2.00 *et seq.*, the MSBA shall determine the square feet per student space allowance and total square footage for grades 4-5 in an elementary school serving 460 students. The Town of Medfield acknowledges and agrees that it has no right or entitlement to any particular design enrollment, square feet per student space allowance, or total square footage and that it has no right or entitlement to a design enrollment any greater than 460 students for the Dale Street Elementary School, and further acknowledges and agrees that it shall not bring any claim or action, legal or equitable, against the MSBA, or any of its officers or employees, for the purpose of obtaining an increase in the design enrollment of the Dale Street Elementary School that it has acknowledged and agreed to herein. The Town of Medfield further acknowledges and agrees that, among other things, the design enrollment, square feet per student space allowance, and total square footage of the Dale Street Elementary School shall be subject to the approval of the MSBA’s Board and that the final approval of a proposed project at the Dale Street Elementary School shall be within the sole discretion of the MSBA’s Board.

The undersigned, for themselves and the Town of Medfield, hereby certify that they have read and understand the contents of this Design Enrollment Certification and that each of the above statements is true, complete and accurate. The undersigned also hereby certify that they have been duly authorized by the appropriate governmental body to execute this Certification on behalf of the Town of Medfield and to bind the Town of Medfield to its terms.

\_\_\_\_\_  
Chief Executive Officer, Town of Medfield

\_\_\_\_\_  
Duly Authorized Representative of School  
Committee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Superintendent of Schools

\_\_\_\_\_  
Date





## TOWN OF MEDFIELD, MASSACHUSETTS

### AGREEMENT

CONTRACT # DPW 2025-12

STATE CONTRACT # (if applicable) \_\_\_\_\_

This Contract is made this 18<sup>th</sup> day of November 2025 by and between the Town of Medfield, a Municipal Corporation, duly organized under the laws of the Commonwealth of Massachusetts and having a usual place of business at the Town House Building, 459 Main Street in said Medfield, MA 02052 hereinafter referred to as the “Town” and E.L. Harvey & Sons, Inc., having a usual place of business at 68 Hopkinton Road, Westborough, MA 01581, hereinafter referred to as the “Contractor”.

#### WITNESSED:

Whereas, the Contractor submitted a Proposal to perform the work to provide single stream recycling disposal, recycling box containers and trucking/hauling of the material collected from the Transfer Station as needed, hereinafter referred to as “Program”; and

Whereas, the Town has decided to award the contract therefore to the Contractor based on the bid sent to the Town of Medfield in the amount of \$225 per haul for trucking, a charge of \$102 per ton for single stream recycling, and \$55 recycling box container per unit with 2<sup>nd</sup> year of contract increasing amounts by 5%.

NOW, THEREFORE, THE Town and the Contractor agree as follows:

1. Contract Documents: The Contract Documents consist of this Agreement together with the Contractor’s Pricing Quotation for Scope of Work and Compensation only (Attachment A). The Contract Documents constitute the entire Agreement between the parties concerning the services and all are as fully a part of this Agreement as if attached hereto. In the event of conflicting provisions, the language of this Agreement shall govern provided that if the conflict relates to quantity or quality of goods or services, the greater quantity or higher quality specified shall be required.
2. Scope of Services: The Contractor shall furnish services related to the Program by providing single stream recycling disposal, recycling box containers and trucking/hauling of the material collected from the Transfer Station as needed in accordance with Attachment A, as well as, all services necessary or incidental thereto.
3. Performance of Work: The Contractor shall furnish all equipment, staffing, and materials to accomplish the Program in strict conformity with all applicable Federal, State, and local laws, each of which is incorporated by reference and shall be responsible for obtaining all necessary approvals/permits as required for the performance of the Program.
4. Warranties: The Contractor warrants that all work will be performed in a good and workmanlike manner and in strict conformity with the Contract Documents. The Contractor shall replace, repair, or make good, without

cost to the Town, any defects or faults arising within one (1) year after date of Town's acceptance of articles furnished hereunder (acceptance not to be unreasonably delayed) resulting from imperfect or defective work done or materials furnished by the Contractor.

5. Contract Term: The Contract Term is as follows: January 1, 2026 through December 31, 2027 subject to annual appropriation and pricing from the Contractor.
6. Payment for Work: The Town shall pay rates of \$225 per haul for trucking, a charge of \$102 per ton for single stream recycling, and \$55 recycling box container per unit in the first year and increase all amounts by 5% in the second year of the contract for the Program in accordance with the pricing in Attachment A. The Contractor to Town shall submit invoices for payment for the Program according to terms set forth by the Town. The Town shall make payments within thirty (30) days after its receipt of the invoice.
7. Indemnification of the Town: The Town's liability hereunder shall be limited to the amounts due the Contractor for services actually rendered. The Contractor shall indemnify and hold harmless the Town, its officers, boards, agents and employees to the maximum extent permitted by law, from any liability loss, damage, cost, charge, or expense resulting from any employees or third party contractor or supplier's claim for payment for wages, labor, materials, goods or services rendered to Contractor or from any claim for injury to person or property, which be made as a result of any act, omission or default on the part of the Contractor, or any of its agents or employees and will pay promptly on demand all costs and expenses of the investigation thereof, including attorney's fees and expenses. If any such claim is made, the Town may retain out of any payments, then or thereafter due to the Contractor a sufficient amount to protect the Town against such claims, costs and expenses.
8. Contractor's Standard of Care: The Contractor shall perform its services and obligations hereunder in conformity with the standard of professional skill and care applicable to established recycling service professionals in the area at the time services are provided. Contractor represents that it is familiar with and knowledgeable about federal and state statutes and regulations, as well as private industry standards, relating to proper transportation, recycling and disposal of solid waste and will comply fully therewith.
9. Contractor's Personnel: The Contractor shall utilize only its employees and shall not utilize any third-party contractors without prior written approval of the Town.
10. Insurance: The Contractor shall provide the following insurance policies. The Town will require a Certificate of Insurance, indicating evidence of General Liability, Automobile Liability with minimum limits of \$2,000,000.00 and Worker's Compensation (per Statute). The Town will require the Certificate of Insurance to include naming the Town of Medfield as an additional insured.
11. Independent Contractor: The Contractor is an independent contractor and is not an agent or employee of the Town and is not authorized to act on behalf of the Town. The Town will not withhold Federal, State or payroll taxes of any kind, on behalf of the Contractor or the employees of the Contractor. The Contractor is not eligible for, and shall not participate in, any employee pension, health or other fringe benefit plan of the Town.
12. Successors and Assigns: This Agreement is binding upon the parties hereto, their successors, assigns and legal representatives. Neither the Town nor the Contractor shall assign or transfer any interest in the Agreement without the written consent of the other.
13. Inspection and Reports: The Town shall have the right to inspect the records of the Contractor relative to the services provided to the Town pursuant to this Agreement. Upon request the Contractor shall furnish to the

Town any and all written reports relative to such services arising out of its operations under this Contract during and/or after the termination of the contract.

14. Termination:

- a. For Cause – The Town shall have the right to terminate this Agreement if (i) the Contractor neglects or fails to perform or observe any of its obligations hereunder and a cure is not effected by the Contractor within seven (7) days next following its receipt of a termination notice issued by the Town, (ii) if an order is entered against the Contractor approving a petition for an arrangement, liquidation, dissolution or similar relief relating to bankruptcy or insolvency and such order remains unvacated for thirty (30) days; or (iii) immediately if the Contractor shall file a voluntary petition in bankruptcy or any petition or answer seeking any arrangement, liquidation or dissolution relating to bankruptcy, insolvency or other relief for debtors or shall seek or consent or acquiesce in appointment of any trustee, receiver or liquidation of any of the Contractor's property.

The Town shall pay all reasonable and supportable costs incurred prior to termination, which payment shall not exceed the value of services provided.

- b. For Convenience – The Town may terminate this Agreement at any time for any reason upon submitting to the Contractor thirty (30) days prior a written notice of its intention to terminate. Upon receipt of such notice, the Contractor shall immediately cease to incur expenses pursuant to this Agreement unless otherwise directed in the Town's termination notice. The Contractor shall promptly notify the Town of costs incurred to date of termination and the Town shall pay all such reasonable and supportable costs which payment shall not exceed the unpaid balance due on this Agreement.
  - c. Return of Property – Upon termination, the Contractor shall immediately return to the Town, without limitation, all documents and items of any nature whatever, supplied to the Contractor by the Town or developed by the Contractor in accordance with this Agreement.
15. Notice: Any and all notices, or other communications required or permitted under this Contract, shall be in writing and delivered by hand or mailed postage prepaid, return receipt requested, be registered or certified mail or by other reputable delivery service, to the parties at the address set forth on Page 1 or furnished from time to time in writing hereafter by one party to the other party. Any such notice or correspondence shall be deemed given when so delivered by hand, if so mailed, when deposited with the U.S. Postal Service or, if sent by private overnight or other delivery service.
16. Severability: If any term of this Contractor application thereof shall to any extent be held invalid, illegal or unenforceable by the court of competent jurisdiction, legality, and enforceability of the remaining terms and conditions of the Contract shall not be deemed affected thereby unless one or both parties would be substantially or materially prejudiced.
17. Governing Law: The performance of this Contract shall be governed, construed and enforced in accordance with the laws of the Commonwealth of Massachusetts, Claims and Disputes and Resolution Procedure. Claims, disputes, or other matters in question with the Town and Contractor or any other party claiming rights under this Agreement relating to or arising from the Project, the Work, or interpretation of any terms of the Contract or Contract Documents shall be resolved only by a civil action commenced in the Commonwealth of Massachusetts in either the Superior Court Department, Norfolk County, or the District Court Department, Dedham Division, of Massachusetts Trial Court; in the alternative, private arbitration or mediation may be employed if the parties mutually agree in writing to do so.

18. Entire Agreement: This Contract, including all documents incorporated herein by reference, constitutes the entire integrated agreement between the parties with respect to the matters described. This contract supersedes all prior agreements; negotiations, either written or oral and it shall not be modified or amended except by a written document executed by the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on this day and year first above written.

*(Contractor)*

Medfield Select Board

By: \_\_\_\_\_

\_\_\_\_\_

Title: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Approved as to Form: \_\_\_\_\_

Town of Medfield, MA

\_\_\_\_\_  
Mark G. Cerel, Town Attorney

\_\_\_\_\_  
Kristine Trierweiler, Town Administrator

### **CERTIFICATION OF GOOD FAITH**

The undersigned certifies under pains and penalties of perjury that this contract has been obtained in good faith and without collusion or fraud with any other person. As used in this certification, the word “person” shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

The Contractor by:

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title/Authority

### **CERTIFICATE OF STATE TAX COMPLIANCE**

Pursuant to Massachusetts General Laws, Chapter 62C, Section 49A

\_\_\_\_\_, authorized signatory for  
name of signatory

\_\_\_\_\_, whose  
name of contractor

principal place of business is at \_\_\_\_\_,

\_\_\_\_\_ does hereby certify under the pains and penalties of perjury that  
\_\_\_\_\_ has paid all  
name of contractor

Massachusetts taxes and has complied with all laws of the Commonwealth of Massachusetts relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



## EXAMPLE CLERK'S CERTIFICATE

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Action of Shareholders

Written Consent

(Date)

The undersigned, being the Shareholders of \_\_\_\_\_, a Massachusetts Corporation (the "Corporation") entitled to vote on the action, hereby consent to the adoption of the following votes:

VOTED: That the [President and/or the Vice President or named individual], each of them acting singly is, authorized to execute any and all contract documents and to enter into and negotiate the terms of all contracts and to accomplish same and to execute any and all documents, instruments, and agreements in order to effectuate the transaction and that said transaction shall be valid, binding, effective, and legally enforceable.

VOTED: That the officers are, and each of them acting singly is, authorized, from time to time, in the name and on behalf of the Corporation to take or cause to be taken all such action(s) as s/he or they, as the case may be, deem necessary, appropriate or advisable to effect the foregoing votes, as may be shown by the officer or officers execution or performance which shall be conclusive evidence that the same is authorized by the directors of this Corporation.

VOTED: That the officers are, and each of them acting singly is, authorized, from time to time, in the name and on behalf of this Corporation, under its corporate seal, if desired, attested by an appropriate officer, if desired, to execute, make oath to, acknowledge, deliver and file any and all of the agreements, instruments, certificates and documents referred to or related to the foregoing votes.

VOTED: That the officers are, and each of them acting singly is, authorized, from time to time and on behalf of this Corporation, under its corporate seal, if desired, to execute, acknowledge and deliver any and all agreements, instruments, certificates and documents referred to or related to the foregoing votes, with such changes as the officer or officers so acting may deem necessary or desirable, and the signature of such officer or officers to be conclusive evidence that the same is authorized by the directors of this Corporation.

Clerk of Corporation Certificate

I, \_\_\_\_\_ the Clerk of the foregoing corporation, do hereby certify that the above vote was taken at a duly called meeting of the shareholders of the Corporation on \_\_\_\_\_, 20\_\_.

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Clerk of Corporation

SEAL

# ATTACHMENT

A



Serving You. Protecting Our Environment.

## Medfield Transfer Station Contract

November 3, 2025

Dear Mr. Goulet

We appreciate the opportunity to continue working with the Town of Medfield, and to build upon our strong partnership with and commitment to the Town. We are providing a two (2) year rate extension. We have provided a separate rate sheet for the price. Please feel free to reach out with any questions.

Sincerely,

Michael Szczepan  
Municipal Manager  
Cell (401) 757-1030

**E.L. Harvey & Sons, Inc.**  
**Waste Removal and Recycling**  
68 Hopkinton Road, Westborough, MA 01581  
p 800.321.3002 f 888.212.0300 [www.elharvey.com](http://www.elharvey.com)



**Serving You. Protecting Our Environment.**

November 3, 2025

Town of Medfield Transfer Station:

## **Rates**

The rate for January 1<sup>st</sup>, 2026, through December 30<sup>th</sup>, 2026 will be \$225.00 (Two hundred and Twenty -Five dollars) per trip for haul and trucking. The cost for single stream recycling will be \$102.00 (One Hundred dollars) per ton for disposal. The receiver box rental will be \$55 (Fifty -five dollars) per receiver box. These rates will increase in Year 2 by 5%.

**E.L. Harvey & Sons, Inc.**  
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**Select Board**  
Gustave H. Murby, Chair  
Osler L. Peterson, Clerk  
Eileen M. Murphy, Member

**Kristine Trierweiler**  
*Town Administrator*

**Brittney Franklin**  
*Assistant Town Administrator*

## **TOWN OF MEDFIELD**

### ***Office of the Select Board***

Town House • 459 Main Street • Medfield, Massachusetts 02052-0315

Phone: 508-906-3011 • [www.town.medfield.net](http://www.town.medfield.net)

**DRAFT**

November 14, 2025

By Email

James McQuade  
Massachusetts Department of Environmental Protection  
Solid Waste Management Program  
8 New Bond Street  
Worcester, Massachusetts 01606

**Re: Closure and Beneficial Solar Reuse of former Medfield Municipal Landfill**

Dear Mr. McQuade:

I write to request a meeting with you and your team regarding the formal closure and beneficial reuse of the Town of Medfield's 65 North Meadow Road former landfill (the "Site"). This letter describes the current conditions of the Site, and requests a meeting to discuss possible beneficial reuse of the Site to install a solar facility, consistent with MassDEP's policies encouraging the development of renewable energy on closed landfills.<sup>1</sup>

The Town formerly operated a 13-acre landfill (the "Former Landfill") at the Site from the late 1890s until 1993. Figures showing the Former Landfill, its features, and surrounding resources, are attached as Exhibit A. The landfill received municipal solid waste. In the 1990s, the Town began the process of officially closing the landfill. It filed a Corrective Action Alternative Analysis, Corrective Action Design, and a Comprehensive Site Assessment ("CSA") with MassDEP's Northeast Region in 1995. Although the landfill closure was not formally completed under 310 CMR 19.140, the Town, in partnership with Apex Companies (formerly Environmental Partners Group) has performed quarterly landfill gas monitoring and semi-annual water quality monitoring at the Site. Per a September 29, 2000 letter from MassDEP, Apex has submitted those monitoring results to the agency since 2003, and to our knowledge MassDEP

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<sup>1</sup> MassDEP's Fact Sheet on this topic is available at <https://www.mass.gov/doc/fact-sheet-developing-renewable-energy-facilities-on-closed-landfills/download>.

staff has never raised an issue with sampling results. A summary of groundwater and surface water sampling results is attached as Exhibit B.

The Former Landfill is divided into two areas that are capped with slightly different material. The larger section to the north, comprised of approximately 4.5 acres and shown in red in Exhibit A at Figure 2, is covered by a geomembrane cap. The plans the Town initially submitted to MassDEP for this 30" cap included a 40-mil HDPE membrane barrier sandwiched between 6" of intermediate cover on top of the solid waste, a venting layer of 6" of sand gas on the bottom, and 6" of drainage sand, and 12" of vegetative support material in the form of sand/loam on top. A smaller area to the east, shown in blue in Exhibit A at Figure 2, was proposed to be capped with 18" of low permeability soil barrier layer, with the same 6" intermediate cover and 6" sand gas venting layer below it, and the same 6" drainage sand and 12" vegetative support cover on top of it.

It is the Town's understanding that their prior consultants at GZA GeoEnvironmental, Inc. complied with all measures expected of a post-closure landfill, including in 1998, filing a "written construction documentation report" containing as-built drawings of the membrane, and documenting the final landfill grades based on field surveys. Apex has continued conducting quarterly reviews of the Site since 2003. Apex, through a registered third-party inspector in accordance with 310 CMR 19.018(5), has also performed biennial landfill inspections, most recently in June 2024. The June 2024 landfill inspection found the landfill vegetative cover and the stormwater management controls to be well maintained and in excellent condition.

The Town seeks to formally close both sections of the Former Landfill pursuant to MassDEP's regulations at 310 CMR 19.140. We believe that the geomembrane-capped portion of the Site is well-suited for solar use, and accordingly the Town would like to pursue the formal closure of at least that portion of the Former Landfill as soon as possible. The closure of the smaller portion of the Former Landfill could proceed in tandem with the other geomembrane cap closure, but this portion of the Site likely is less suitable for solar. If possible, the Town would like to pursue closure activities concurrently with development of post-closure renewables. MassDEP has noted that in some cases, former landfill "closure activities can be conducted concurrently with the development of the post-closure use."<sup>2</sup> Where federal tax credit requirements and the Commonwealth's renewables programs pose unique and time-sensitive opportunities to develop solar facilities, the Town seeks to maximize beneficial reuse of the Site as soon as possible.

We understand that MassDEP may have factual questions or request environmental assessments to better understand conditions at the Former Landfill, to supplement the 22 years of data that Apex has collected. We would like to schedule a time with your team at your convenience to discuss the Site and the path forward to beneficial reuse. I look forward to hearing from you.

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<sup>2</sup> MassDEP, Landfill Post-Closure Use Permitting Guidelines, June 2009, at 1, available at <https://www.mass.gov/doc/landfill-post-closure-use-permitting-guidelines/download>.

DRAFT

Very truly yours,

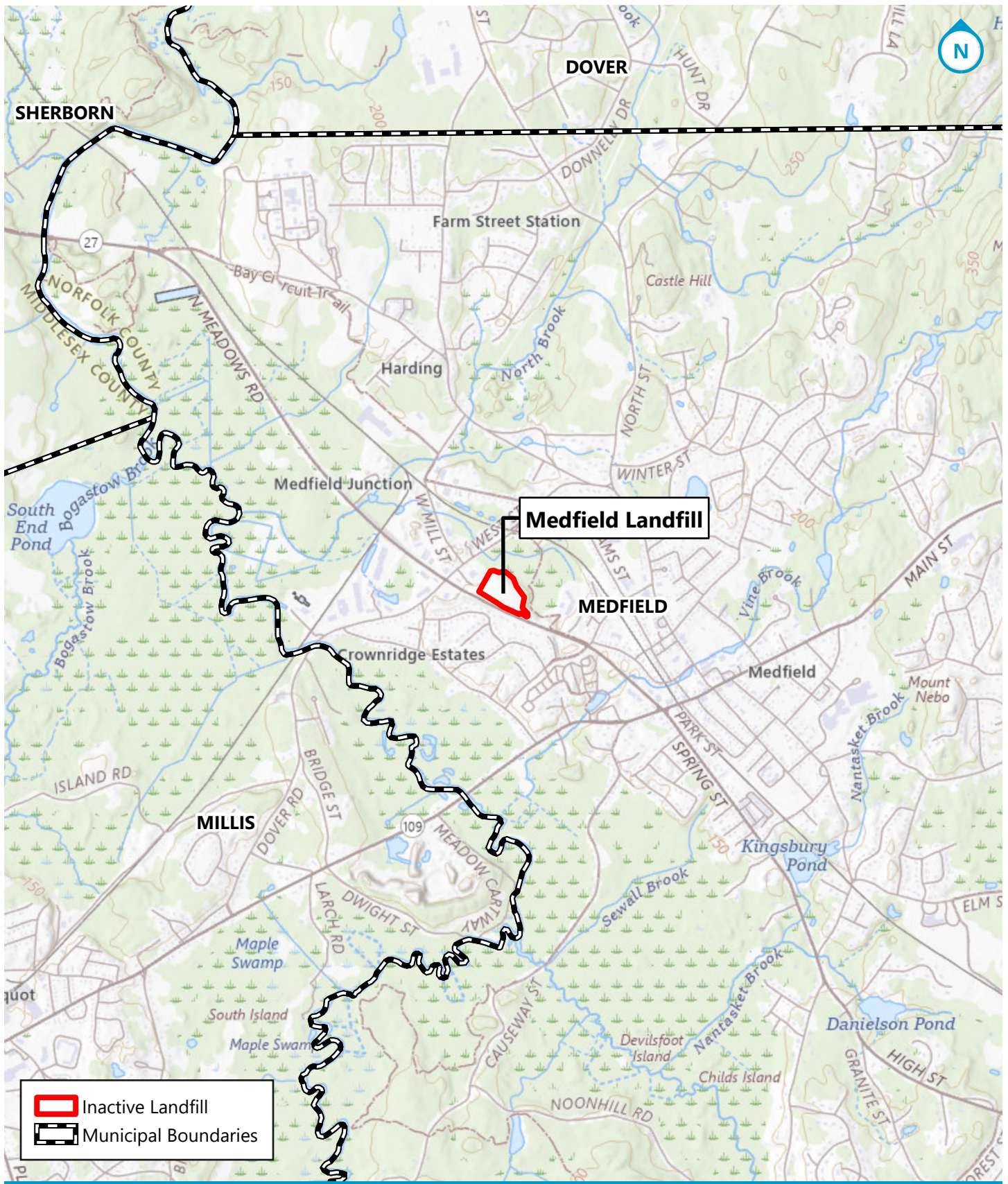
Kristine Trierweiler  
Town Administrator

cc: Medfield Select Board; Medfield DPW

DRAFT

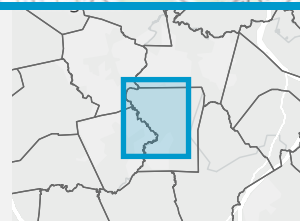


# **EXHIBIT A**

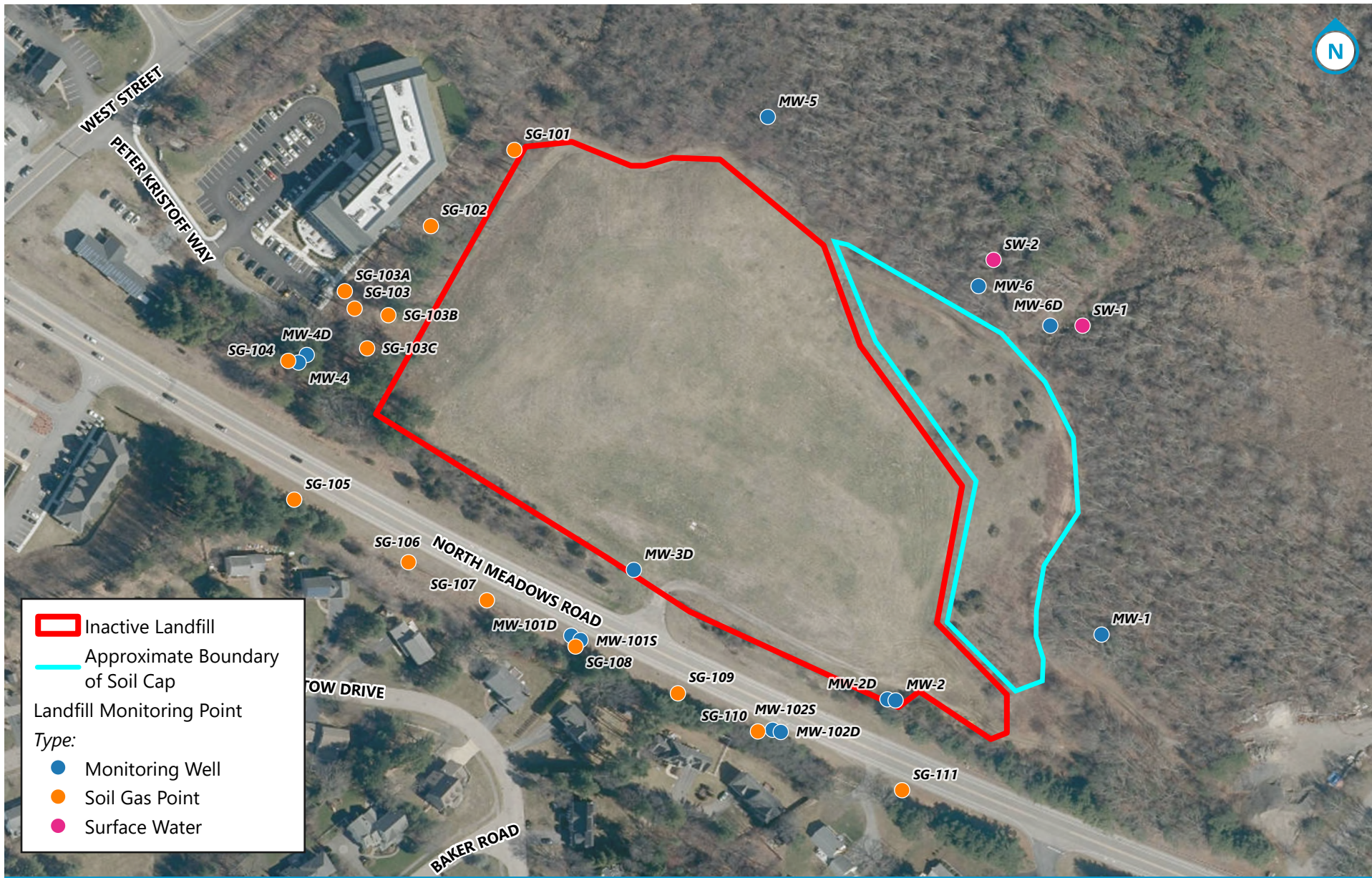


**Figure 1**  
**Locus Map**

Medfield, MA  
November 2025

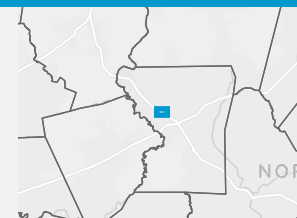
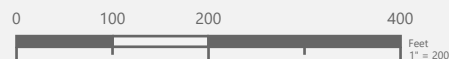




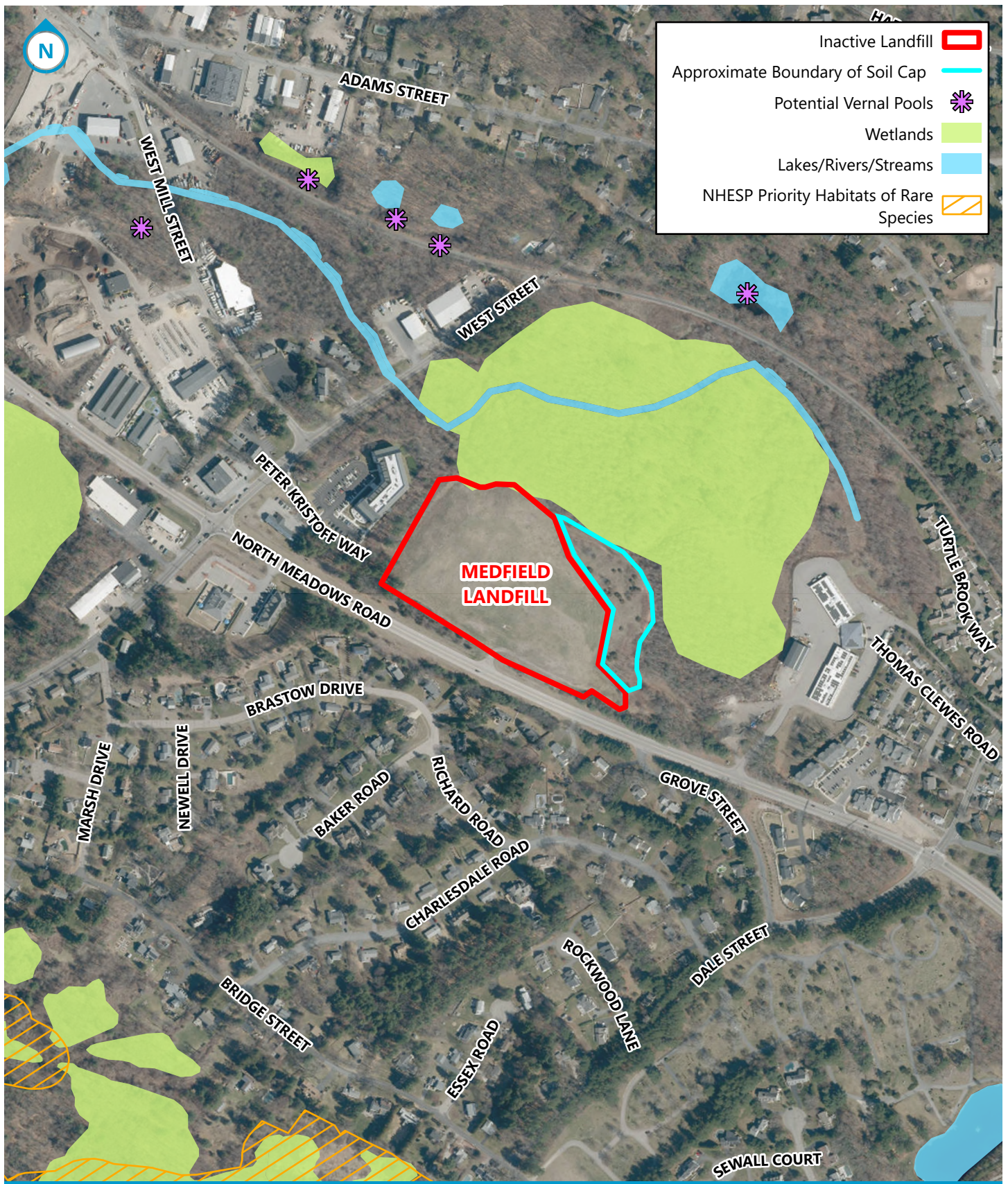


**Figure 2**  
**Landfill Monitoring Points**

Medfield, MA  
November 2025

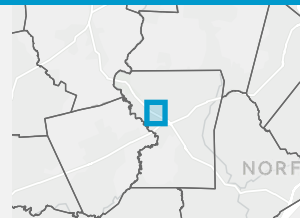
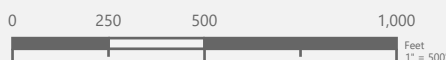




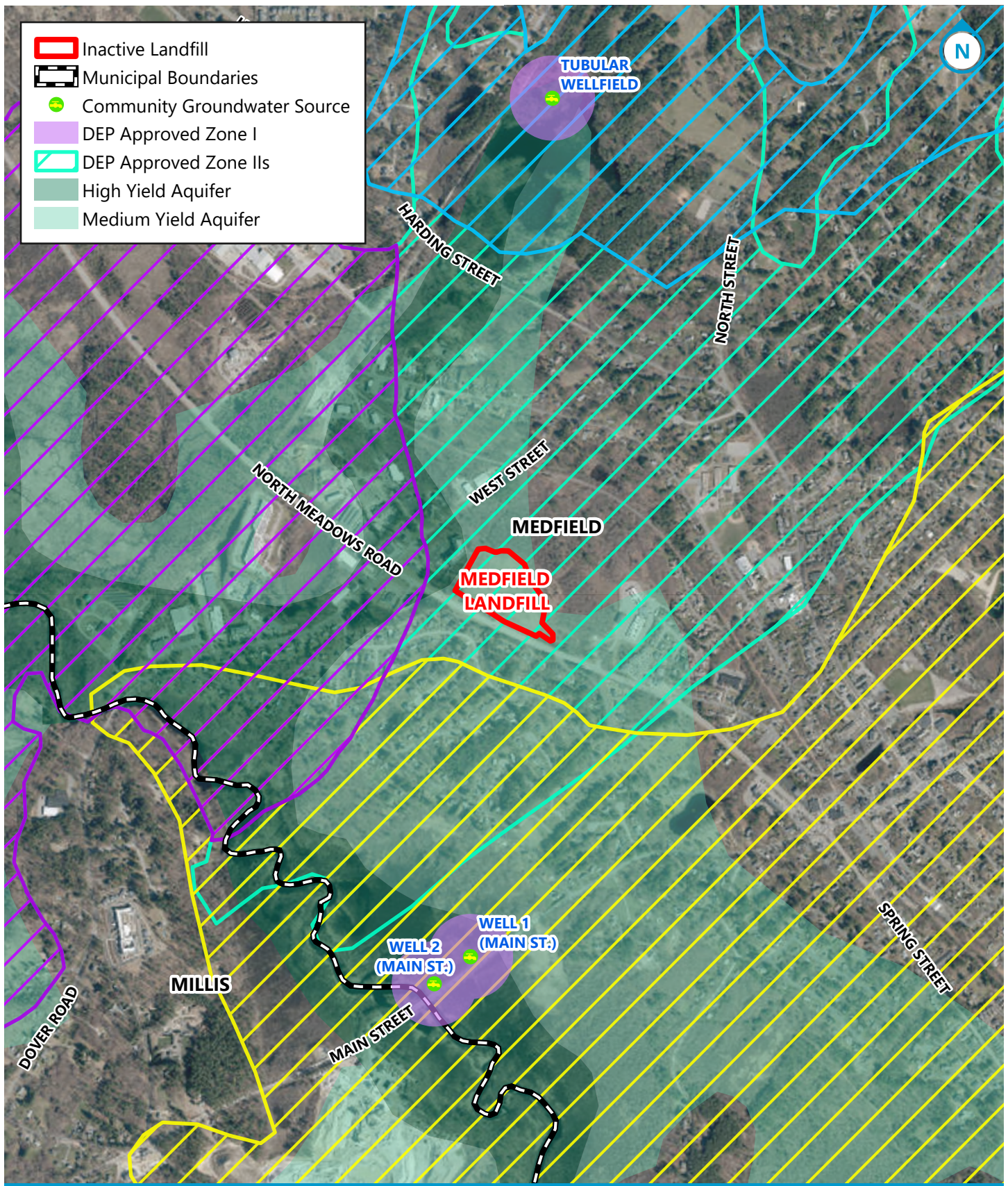


**Figure 3**  
**Environmental Receptors Map**

Medfield, MA  
November 2025

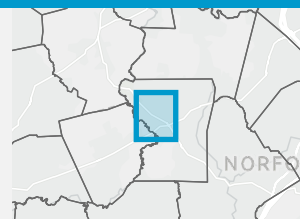
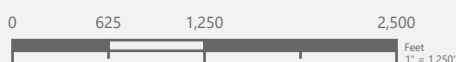






**Figure 4**  
**Water Supply Map**

Medfield, MA  
November 2025



# **EXHIBIT B**

Town of Medfield  
Landfill Post-Closure Water Quality Monitoring Summary  
November 2025

**Table 1: Summary of 1,4-Dioxane Sampling Results**  
**Historical Data April 2016 - March 2025**

**Shallow Wells / Surface Water**

Sampling Location	MW-101S	MW-102S	MW-1	MW-4	MW-5	MW-6	SW-1	SW-2
Minimum	ND	ND	ND	ND	<b>0.953</b>	ND	ND	ND
Maximum	0.25	<b>10.9</b>	<b>1.07</b>	ND	<b>8.57</b>	<b>1.18</b>	<b>ND</b>	<b>1.12</b>
Average Detection	0.25	<b>3.47</b>	<b>0.54</b>	ND	<b>4.27</b>	<b>0.61</b>	<b>ND</b>	<b>0.68</b>
# Detections	1	28	6	0	31	13	0	4
# Detections over Standard	0	28	5	0	31	13	0	3
# Sampling Events	19	31	20	14	31	24	17	17

**Deep Wells**

Sampling Location	MW-101D	MW-102D	MW-4D	MW-6D
Minimum	0.4	ND	ND	ND
Maximum	<b>2.16</b>	<b>1.82</b>	ND	ND
Average Detection	<b>0.79</b>	<b>0.56</b>	ND	ND
# Detections	33	28	0	0
# Detections over Standard	33	27	0	0
# Sampling Events	33	30	18	18

Notes:

Concentrations Shown in µg/L

1,4-Dioxane MA Drinking Water Guideline = 0.3 µg/L

ND = Non-Detect

Values in **BOLD** exceed MA Drinking Water Guideline







	Regulatory Standard	8/21/2003	3/11/2004	8/31/2004	9/21/2005	1/5/2005	3/15/2006	8/24/2006	2/27/2007	8/29/2007	3/21/2008	9/30/2008	3/25/2009	10/1/2009	3/4/2010	9/21/2010	4/6/2011	9/29/2011	3/5/2012	10/1/2012	3/25/2013	10/23/2013	5/6/2014	5/6/2014	3/27/2015	8/26/2015	4/12/2016	8/26/2016	3/9/2017	11/9/2017	4/9/2018	10/17/2018	4/23/2019	10/25/2019	4/15/2020	11/10/2020	3/26/2021	11/10/2021	3/9/2022	11/21/2022	4/9/2023	11/15/2023	3/19/2024	11/5/2024	3/13/2025				
Temperature (oC)	NSA	14.97	8.79	NA	11.72	9.30	NA	NA	9.30	13.45	8.78	12.83	9.49	10.63	7.50	NA	7.77	10.70	NA	11.1	9.8	10.2	9.7	10.2	8.9	10.0	9.7	10.0	7.4	NA	6.0	NA	2.4	1.3	9.6	NA	10.8	12.1	NA	13	9.1	16.4	10.5	15.1	11.9				
Field pH (su units)	6.5 to 8.5 (2)	5.39	6.76	NA	5.92	6.71	NA	NA	5.85	6.72	6.28	6.25	6.57	5.68	6.65	NA	6.23	7.36	NA	7.02	7.66	7.63	7.55	7.93	6.96	7.91	NA	7.91	8.39	NA	7.82	NA	7.74	6.59	8.12	NA	7.6	7.49	NA	6.64	9.01	7.06	7.57	7.57	7.45				
Dissolved Oxygen	NSA	9.38	6.5	NA	NA	6.94	NA	NA	6.13	9.31	10.01	6.52	10.09	9.45	6.07	NA	7.59	10.15	NA	8.51	8.61	15.56	9.05	8.31	10.92	5.82	8.27	5.82	9.61	NA	7.22	NA	14.33	21.10	7.72	NA	8.41	8.05	NA	3.66	6.15	3.15	5.62	NS	5.9				
Field Specific Conductance (uS/cmC)	NSA	76	125	NA	144	262	NA	NA	81.1	109	79	299	73	119	140	NA	277	322	NA	264.2	235	247.3	253.3	266.1	254.1	245.5	268	245.5	228.4	NA	274.6	NA	272.3	288	245.4	NA	267.9	232.4	NA	160.2	251.6	193	278	1816	314				
Organic																																																	
Invisible Organic Compounds (VOC)(ug/l)																																																	
EPA Method 8260B																																																	
Benzene	5 (1)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Chlorobenzene	100 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chloroethane	NSA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene	5 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Tetrahydrofuran	1300 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Methyl tert-butyl ether (MTBE)	70/20-40 (2)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-1,2 Dichloroethene	70	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Ethyl Ether	1000 (3)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Semi-Volatile Organic Compounds (SVOC)(ug/l)																																																	
EPA Method 8270D																																																	
1,4 Dioxane	0.3 (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND		
Inorganic																																																	
Dissolved Metals (mg/l)																																																	
EPA Methods 3010A/6010B/245.1																																																	
Antimony	0.006 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Arsenic	0.01 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.00115	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND		
Barium	2 (1)	0.009	ND	0.056	0.032	0.073	ND	NA	0.051	0.039	ND	ND	ND	ND	ND	0.043	0.045	0.070	0.070	0.052	0.047	0.057	0.051	0.049	NA	0.055	0.055	0.055	0.055	NA	NA	NA	NA	ND	0.055	NA	0.055	NA	ND	0.081	0.063	0.059	0.062	0.063					
Cadmium	0.005 (1)	ND	ND	ND	<b>35.900</b>	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND		
Chromium	0.1 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Copper	1.0 (2) / 1.3 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Iron	0.3 (2)	ND	<b>4.120</b>	<b>1.070</b>	<b>0.019</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Lead	0.015 (3)	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Manganese	0.05 (2)	ND	<b>0.085</b>	<b>0.072</b>	<b>0.115</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Mercury	0.002 (1)	ND	ND	ND	ND	ND	ND	NA	0.000563	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Nickel	0.1 (3)	NA	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		
Selenium	0.05 (1)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Silver	0.10 (2)	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	5 (2)	ND	ND	0.113	ND	0.192	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.068	0.068	0.034	0.036	0.028	0.028	0.043	NA	0.044	0.037	0.04																						



**Table 2: Summary of Groundwater Analytical Results**  
**Historical Data August 2003 - March 2025**

[illegible]

**ND** = Not Detected Above Method Detection Limit  
 N/A = Not Analyzed  
 NSA = Not Available  
**mg/L** = milligrams per liter (approximately equal to part per million (ppr)  
**µg/L** = micrograms per liter (approximately equal to part per billion (ppb)  
 Tabulated results include only those compounds which were detected at  
 a method detection limits.  
 Refer to laboratory reports for a complete list of compounds analyzed,  
 and quantitation limits.

**Regulatory Standards:**  
 (1) Maximum Contaminant Level (MCL)  
 (2) Secondary MCL  
 (3) MCL is an Action Level for Treatment Techniques  
 (4) MA Drinking Water Guideline  
 Values in **BOLD** exceed a Regulatory Standard as defined above.  
 Values in **BOLD** and **highlighted** exceed Massachusetts MCLs or Drinking

\* = 2x dilution    \*\* = 4x dilution    \*\*\* = 5x dilution    \*\*\*\* = 10x dilution    \*\*\*\*\* =

[illegible]

**ND** = Not Detected Above Method Detection Limit  
 NA = Not Available  
 NSA = Not Sufficiently Available  
 mg/L = milligrams per liter (approximately equal to part per million (ppm))  
 µg/L = micrograms per liter (approximately equal to part per billion (ppb))  
 Tabulated results include only those compounds which were detected at a method detection limits.  
 Refer to laboratory reports for a complete list of compounds analyzed, and quantitation limits.

**Regulatory Standards:**  
 (1) Maximum Contaminant Level (MCL)  
 (2) Secondary MCL  
 (3) MCL is an Action Level for Treatment Techniques  
 (4) MA Drinking Water Guideline  
 Values in **BOLD** exceed a Regulatory Standard as defined above.  
 Values in **BOLD** and **highlighted** exceed Massachusetts MCLs or Drinking Water Guidelines.

\*\*\* = 2x dilution    \*\* = 4x dilution    \* = 5x dilution    \*\*\*\* = 10x dilution    \*\*\*\*\* = 20x dilution

	Regulatory Standard	MW-60																																						
		8/24/2006	2/27/2007	8/29/2007	3/20/2008	9/26/2008	3/25/2009	10/1/2009	3/4/2010	9/21/2010	4/6/2011	9/29/2011	3/5/2012	10/1/2012	3/25/2013	10/23/2013	5/6/2014	10/6/2014	3/27/2015	8/26/2015	4/12/2016	8/26/2016	3/3/2017	11/9/2017	4/9/2018	10/17/2018	4/23/2019	10/25/2019	4/14/2020	11/10/2020	3/26/2021	11/8/2021	3/2/2022	11/21/2022	4/9/2023	11/15/2023	3/19/2024	11/5/2024	3/5/2025	
Temperature (oC)	NSA	11.18	8.40	11.35	9.72	11.39	9.67	10.24	8.69	NA	NA	NA	10.1	11.0	9.8	10.3	9.6	12.5	8.6	10.5	8.4	10.5	7.5	7.3	6.2	10.9	3.0	1.9	10.4	10.4	11.1	11.1	12.8	9.9	10.5	10.8	11.2	13.3	11.3	
Field pH (su units)	6.5 to 8.5 (2)	6.80	6.86	6.12	6.70	6.74	6.81	7.24	6.84	NA	NA	NA	5.7	6.7	6.1	6.8	6.8	7.6	6.9	7.0	7.3	7.0	6.9	6.1	7.1	6.6	7.2	7.5	7.9	6.5	7.1	7.7	7.1	7.7	7.3	7.5	7.3	7.53		
Dissolved Oxygen	NSA	4.14	4.08	3.73	1.06	6.77	10.73	8.65	4.23	NA	NA	NA	5.75	1.99	4.88	4.00	1.41	2.90	3.39	1.25	2.44	1.25	2.80	0.94	1.42	2.38	3.19	2.20	0.91	0.91	2.09	0.86	1.04	1.06	2.11	0.91	1.14	NA	2.73	
Field Specific Conductance (uS/cmC)	NSA	1371	1323	1694	1710	2022	1778	1914	1742	NA	NA	NA	1826	2155	1752	1989	1831	1704	1023	1359	1362	1359	1082	1011	908	895	832.5	942	812	812	856	812	800	851	798	858	854	792	872	
Organic																																								
Volatile Organic Compounds (VOCs)(ug/l)																																								
EPA Method 8260B																																								
Benzene	5 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	100 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NSA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrahydrofuran	1300 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)	70/20-40 (2)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2 Dichloroethene	70	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Ether	1000 (3)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (SVOCs)(ug/l)																																								
EPA Method 8270D																																								
1,4-Dioxane	0.3 (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Inorganic																																								
Dissolved Metals (mg/l)																																								
EPA Methods 3010A/6010B/245.1																																								
Antimony	0.006 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Arsenic	0.01 (1)	ND	ND	ND	ND	0.001	ND	ND	ND	NA	NA	NA	ND	ND	ND	0.007	0.003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	2 (1)	ND	0.084	0.0980	ND	0.004	ND	ND	ND	NA	NA	NA	0.1040	0.126	0.121	0.128	0.112	0.087	0.072	0.065	0.066	0.065	0.060	ND	ND	ND	ND	ND	0.031	ND	0.057	0.035	0.033	ND	0.029	0.031	0.029	0.033	0.033	
Cadmium	0.005 (1)	ND	ND	ND	ND	NA	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	0.1 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Copper	1.0 (2) / 1.3 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	0.3 (2)	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	0.015 (3)	ND	ND	ND	ND	NA	ND	ND	ND	NA	NA	NA	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese	0.05 (2)	NA	NA	NA	NA	0.024	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	0.002 (1)	ND	ND	0.001	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	0.1 (3)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium	0.05 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	0.10 (2)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	5 (2)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	0.162	0.034	0.056	0.027	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Metals (mg/l)																																								
EPA Methods 200.7/6010																																								
Iron	0.3 (2)	<b>0.554</b>	<b>0.34</b>	<b>0.476</b>	<b>0.362</b>	<b>0.525</b>	<b>1.08</b>	<b>0.467</b>	<b>0.429</b>	NA	NA	NA	<b>1.33</b>	<b>1.89</b>	<b>1.8</b>	<b>1.05</b>	<b>0.464</b>	0.275	0.206	<b>0.312</b>	0.299	<b>0.312</b>	<b>1.28</b>	<b>0.665</b>	<b>1.8</b>	<b>2.03</b>	<b>2.49</b>	<b>2.15</b>	<b>0.612</b>	<b>2.5</b>	<b>3.25</b>	<b>0.748</b>	<b>2.48</b>	<b>0.674</b>	<b>1.6</b>	<b>0.683</b>	<b>0.739</b>	<b>0.792</b>	ND	
Manganese	0.05 (2)	<b>0.836</b>	<b>0.867</b>	<b>1.29</b>	<b>0.871</b>	<b>1.24</b>	<b>0.842</b>	<b>1.17</b>	<b>0.934</b>	NA	NA	NA	<b>0.56</b>	<b>1.11</b>	<b>0.49</b>	<b>1.10</b>	<b>0.59</b>	<b>0.69</b>	<b>0.37</b>	<b>0.49</b>	<b>0.31</b>	<b>0.49</b>	<b>0.33</b>	<b>0.24</b>	<b>0.36</b>	<b>0.33</b>	<b>0.33</b>	<b>0.39</b>	<b>0.34</b>	<b>0.40</b>	<b>0.63</b>	<b>0.35</b>	<b>0.35</b>	<b>0.38</b>	<b>0.38</b>	<b>0.38</b>	<b>0.38</b>	<b>0.412</b>		
Other																																								
Total Alkalinity (mg CaCO3/l)	NSA	186	86	80	95	88	92	89.5	92.9	NA	NA	NA	91	91	107	81	94	82	90	84	96	84	94	95	96	90	93	82	81	84	83	84	85	75	90	75	81	73	77	
Chloride (mg/l)	250 (2)	<b>379</b>	<b>436</b>	<b>443</b>	<b>373****</b>	<b>587*****</b>	<b>501*****</b>	<b>542</b>	<b>509</b>	NA	NA	NA	<b>533</b>	<b>613</b>	<b>572</b>	<b>592</b>	<b>492</b>	<b>442</b>	<b>418</b>	<b>337</b>	<b>317</b>	<b>337</b>	<b>347</b>	<b>114</b>	<b>219</b>	<b>228</b>	<b>193</b>	<b>178</b>	<b>200</b>	<b>196</b>	<b>221</b>	<b>216</b>	<b>212</b>	<b>179</b>	<b>188</b>	<b>201</b>	<b>180</b>	<b>182</b>	<b>190</b>	
Nitrites (mg/l)	10 (1)	0.034	31.6	0.0338	0.0377	0.04	ND	ND	NA	NA	NA	0.15	ND	0.07	ND	0.04	ND	ND	ND	ND	ND	ND	0.04	0.07	0.08	0.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Free Dissolved Solids (mg/l)	250 (2)	28.2	31.6	24.2	32.9	34.3	33.9	35.9	33.6	NA	NA	NA	38.5	29.7	25.1	28.8	28.3	34.6	25.3	35.8	29.1	35.8	32.6	31.8	31.6	34.0	24.3	25.0	43.8	28.3	28.2	27.9	25.7	32.4	29.3	30.8	28.0	30.3		
Chemical Oxygen Demand (COD)(mg/l)	500 (2)	<b>812</b>	<b>817</b>	<b>981</b>	<b>877</b>	<b>877</b>	<b>1010</b>	<b>1120</b>	<b>929</b>	NA	NA	NA	<b>1140</b>	<b>1430</b>	<b>1000</b>	<b>1130</b>	<b>1010</b>	<b>880</b>	<b>840</b>	<b>788</b>	<b>698</b>	<b>788</b>	<b>528</b>	<b>486</b>	<b>584</b>	<b>548</b>	<b>456</b>	<b>468</b>	<b>508</b>	<b>434</b>	<b>416</b>	<b>516</b>	<b>500</b>	<b>518</b>	<b>444</b>	<b>448</b>	<b>472</b>	<b>456</b>	<b>546</b>	
Chemical Oxygen Demand (COD)(mg/l)	NSA	ND	ND	18.2	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Cyanide (mg/l)	0.2 (1)	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	0.0104	ND	ND	ND	ND	ND	0.0206	ND	0.0206	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EPA Method 335.2																																								











Table 3: Summary of Surface Water Analytical Results  
Historical Data August 2003 - March 2025

	SURFACE WATER STANDARDS				SW-1																			
	NATIONAL AMBIENT WATER QUALITY CRITERIA				8/20/2003	3/11/2004	9/1/2004	9/20/2005	1/4/2005	3/15/2006	8/24/2006	2/27/2007	8/29/2007	3/20/2008	9/30/2008	3/25/2009	10/1/2009	3/4/2010	9/21/2010	4/6/2011	9/21/2011	3/5/2012	9/28/2012	3/25/2013
	CMC	CCC	Water & Organisms	Organisms Only																				
Temperature (oC)					29.26	4.31	NA	20.40	NA	NA	NA	0.8	NA	5.61	16.46	7.58	NA	2.81	NA	4.7	19.0	3.0	NA	11.6
Field pH (su units)		6.5 - 9	5.0 - 9.0		6.72	6.16	NA	6.45	NA	NA	NA	2.91	NA	6.07	6.01	6.36	NA	5.91	NA	6.45	6.7	5.27	NA	6.48
Dissolved Oxygen					4.67	9.57	NA	NA	NA	NA	NA	4.41	NA	7.88	4.42	11.60	NA	3.33	NA	NA	2.15	4.90	NA	5.98
Field Specific Conductance (uS/cmC)					751	691	NA	957	NA	NA	NA	247	NA	368	505	1487	NA	447	NA	452	387	372	NA	680
Organic																								
Volatile Organic Compounds (VOCs)(ug/l)																								
EPA Method 8260B																								
Benzene					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Chlorobenzene					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Chloroethane					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Trichloroethene					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Methyl tert-butyl ether (MTBE)					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	1.3	ND	NA	ND
cis-1,2-Dichloroethene					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Ethyl Ether					ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Toluene			1300	15000									NA				NA	2.25	NA	ND	ND	ND	NA	ND
Semi-Volatile Organic Compounds (SVOCs)(ug/l)																								
EPA Method 8270D																								
1,4-Dioxane	0.3 (1)				NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganic																								
Dissolved Metals (mg/l)																								
EPA Methods 3010A/6010B/245.1																								
Antimony			0.0056	0.64	NA	NA	NA	NA	NA	0.133	ND	ND	NA	0.008	0.008	ND	NA	ND	NA	ND	ND	ND	NA	NA
Arsenic	0.34	0.15	0.000018	0.00014	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Barium			1		0.084	0.044	0.036	0.044	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	0.029	0.061	0.02500	NA	0.026
Cadmium	0.002	0.00025	0.005(1)		ND	ND	ND	24.5****	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Chromium	0.57	0.074	0.1(1)		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Copper	0.013	0.009	1.3		ND	ND	ND	ND	ND	ND	ND	ND	NA	0.018	0.016	0.012	NA	ND	NA	ND	ND	ND	NA	ND
Iron					8.200	2.14	2.160	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.065	0.0025			ND	ND	ND	0.035	ND	ND	ND	ND	NA	ND	0.013	ND	NA	ND	NA	ND	ND	ND	NA	ND
Manganese			0.05	0.1	1.440	1.29	2.030	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.0014	0.00077		0.3	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Nickel					NA	ND	NA	ND	ND	0.014	0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium		0.005	0.17	4.2	ND	ND	ND	0.0640	ND	ND	0.0809	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND
Silver	0.0032				ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	NA	ND	NA	ND	ND	ND	NA	ND
Zinc	0.12	0.12	7.4	26	0.159	ND	ND	0.178	0.254	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	0.035	NA	0.043
Total Metals (mg/l)																								
EPA Methods 200.7/6010																								
Iron		1	0.3		NA	NA	NA	1.02	0.943	1.65	9.79	0.393	NA	0.774	3.35	6.02	NA	1.61	NA	3.77	52.1	2.49	NA	0.735
Manganese			0.05	0.1	NA	NA	NA	1.34	0.462	1.18	4.4	0.210	NA	0.251	3.47****	1.31	NA	1.34	NA	0.167	2.19	0.203	NA	0.102
Other																								
Total Alkalinity (mg CaCO3/l)		20			68.0	87.1	30.0	47.0	23.0	ND	ND	8	NA	5	39	6	NA	21	NA	21.2	80	30	NA	32
EPA Method 310.1/2320B																								
Chloride (mg/l)	860	230			169	151**	166.0	245****	186***	370.0	246	9.07	NA	76.0	137	402***	NA	136.0	NA	184	127	218	NA	194
EPA Method 300.0/9252																								
Nitrates (mg/l)			10		0.407	0.037	0.353	0.130	0.137	2.10	1.49	ND	NA	0.151	0.25	0.980	NA	0.050	NA	0.034	ND	0.044	NA	0.132
APHA-AWWA-WPCF 4500-NO3-F																								
Sulfate (mg/l)					39.9	ND	8.07	40.6	ND	33.3	91.5	ND	NA	26.5	26.5	15.1	NA	ND	NA	7.4	ND	7.0	NA	5.9
EPA Method 300.0/9038																								
Total Dissolved Solids (mg/l)				250	481	379	461	574	385	687	641	60	NA	195	347	834	NA	253	NA	357	402	418	NA	374
EPA Method 160.1/2540C																								
Chemical Oxygen Demand (COD)(mg/l)					144	64.9	136	89.5	49.4	65.5	105	44.9	NA	94.2	204	49.5	NA	81.3	NA	42.5	314	42	NA	42
EPA Method 410.4/9038																								
Cyanide (mg/l)	0.022	0.0052	0.14	0.14	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	NA	ND	NA	ND	0.021	ND	NA	0.0088
EPA Method 335.2																								

Notes:  
ND = Not Detected Above Method Detection Limit  
NA= Not Analyzed  
NSA = No Standard Available  
mg/L = milligrams per liter (approximately equal to part per million (ppm))  
µg/L = micrograms per liter (approximately equal to part per billion (ppb))  
Tabulated results include only those compounds which were detected above method detection limits.  
Refer to laboratory reports for a complete list of compounds analyzed, dilutions, and quantitation limits.  
B = Present in Method Blank. A high bias should be taken into account

Regulatory Standards:  
(1) Maximum Contaminant Level (MCL)  
(2) Secondary MCL  
(3) MCL is an Action Level for Treatment Techniques  
(4) MA Drinking Water Guideline  
Values in **BOLD** exceed a Regulatory Standard as defined above.  
Values in **BOLD** and highlighted exceed Massachusetts MCLs or Drinking Water Guidelines

Table 3: Summary of Surface Water Analytical Results  
Historical Data August 2003 - March 2025

	SW-1																								
	NATION																								
	CMC	10/24/2013	5/6/2014	9/24/2014	3/27/2015	8/26/2015	4/12/2016	8/26/2016	3/3/2017	11/9/2017	4/3/2018	10/17/2018	4/23/2019	10/25/2019	4/14/2020	11/6/2020	3/26/2021	11/8/2021	3/2/2022	11/21/2022	4/3/2023	11/15/2023	3/19/2024	11/5/2024	3/5/2025
Temperature (oC)		NA	9.1	NA	1.7	NA	9.6	NA	2.1	4.6	1.8	9.7	4.1	1.8	17.6	17.6	15.1	16.8	1.9	1.3	15.5	5.3	9.8	NA	9.4
Field pH (su units)		NA	7.04	NA	6.07	NA	NA	NA	6.36	6.23	6.57	6.34	7.81	7.44	7.04	5.8	6.27	5.99	8.21	6.28	7.13	7.08	6.71	NA	6.46
Dissolved Oxygen		NA	2.78	NA	8.21	NA	2.62	NA	3.53	4.77	11.33	3.20	5.38	4.73	4.29	0.61	2.67	0.36	9.38	0.80	6.43	0.36	9.10	NA	4.21
Field Specific Conductance (uS/cmC)		NA	389.4	NA	174	NA	467.9	NA	407.9	690	517.5	550	103.5	978	270.8	766	727	402.7	478.1	992	408.7	542	540	NA	611
Organic																									
Volatile Organic Compounds (VOCs)(ug/l) EPA Method 8260B																									
Benzene		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Chlorobenzene		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Chloroethane		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Trichloroethene		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Methyl tert-butyl ether (MTBE)		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
cis-1,2-Dichloroethene		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Ethyl Ether		NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Toluene		NA	ND	NA	ND	NA	ND	NA	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	ND	ND	ND	NA	ND
Semi-Volatile Organic Compounds (SVOCs)(ug/l) EPA Method 8270D																									
1,4-Dioxane	0.3 (1)	NA	NA	NA	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Inorganic																									
Dissolved Metals (mg/l) EPA Methods 3010A/6010B/245.1																									
Antimony		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.34	NA	0.00170	NA	ND	NA	NA	NA	ND	ND	0.00100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Barium		NA	0.041	NA	ND	NA	NA	NA	ND	0.066	0.023	ND	ND	0.055	0.013	0.068	ND	0.042	ND	0.072	0.018	0.048	0.018	NA	0.031
Cadmium	0.002	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND	NA	ND
Chromium	0.57	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Copper	0.013	NA	ND	NA	ND	NA	NA	NA	0.522	ND	0.003	ND	ND	ND	0.003	ND	ND	ND	ND	ND	0.003	0.002	0.002	NA	ND
Iron		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.065	NA	ND	NA	ND	NA	NA	NA	0.541	ND	ND	ND	0.005	ND	ND	1.000	ND	0.050	ND	0.900	ND	ND	ND	NA	ND
Manganese		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.0014	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium		NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Silver	0.0032	NA	ND	NA	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Zinc	0.12	NA	0.028	NA	ND	NA	NA	NA	0.221	0.060	0.031	ND	ND	ND	ND	ND	ND	0.028	0.034	ND	ND	0.019	0.017	NA	0.037
Total Metals (mg/l) EPA Methods 200.7/6010																									
Iron		NA	2.02	NA	0.574	NA	1.13	NA	B 1.79	4.68	2.41	4.01	0.859	6.14	1.24	8.98	1.49	14.7	6.62	11.4	0.93	18.3	13.8	NA	1.83
Manganese		NA	0.535	NA	0.141	NA	0.257	NA	1.21	1.12	0.31	3.79	0.199	2.44	0.136	1.67	0.876	3.54	1.85	3.89	0.035	0.755	4.8	NA	1.25
Other																									
Total Alkalinity (mg CaCO3/l) EPA Method 310.1/2320B		NA	70	NA	5	NA	26	NA	29	42	23	60	5	33	17	42	20	36	27	50	18	54	23	NA	12
Chloride (mg/l) EPA Method 300.0/9252	860	NA	144	NA	36.6	NA	121	NA	93.4	142	142	114	14.8	251	76.6	254	202	106	122	227 (D)	138	116	127	NA	136
Nitrates (mg/l) APHA-AWWA-WPCF 4500-NO3-F		NA	ND	NA	0.062	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.066	ND	ND	ND	ND	ND	ND	NA	0.094
Sulfate (mg/l) EPA Method 300.0/9038		NA	ND	NA	ND	NA	ND	NA	31.2	29.3	10.4	22.9	23.0	33.5	ND	50.0	11.6	22.0	ND	30.5 (D)	ND	ND	ND	NA	19.3
Total Dissolved Solids (mg/l) EPA Method 160.1/2540C		NA	318	NA	176	NA	294	NA	228	488	402	428	188	584	282	580	398	370	326	732	342	412	364	NA	302
Chemical Oxygen Demand (COD)(mg/l) EPA Method 410.4/9038		NA	91	NA	86	NA	102	NA	147	204	98	410	172	126	80	131	77	142	82	138	84	113	1450	NA	15
Cyanide (mg/l) EPA Method 335.2	0.022	NA	ND	NA	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND

Notes:  
ND = Not Detected Above Method Detection Limit  
NA= Not Analyzed  
NSA = No Standard Available  
mg/L = milligrams per liter (approximately equal to part per million (ppm))  
µg/L = micrograms per liter (approximately equal to part per billion (ppb))  
Tabulated results include only those compounds which were detected above method detection limits.  
Refer to laboratory reports for a complete list of compounds analyzed, dilutions, and quantitation limits.  
B = Present in Method Blank. A high bias should be taken into account

Regulatory Standards:  
(1) Maximum Contaminant Level (MCL)  
(2) Secondary MCL  
(3) MCL is an Action Level for Treatment Techniques  
(4) MA Drinking Water Guideline  
Values in **BOLD** exceed a Regulatory Standard as defined above.  
Values in **BOLD** and highlighted exceed Massachusetts MCLs or Drinking Water Guidelines

Table 3: Summary of Surface Water Analytical Results  
Historical Data August 2003 - March 2025

		SW-2																								
		NATION																								
		CMC	8/20/2003	3/11/2004	9/1/2004	8/20/2003	1/4/2005	3/15/2006	2/27/2007	8/29/2007	3/20/2008	9/30/2008	3/25/2009	10/1/2009	3/4/2010	9/21/2010	4/6/2011	9/21/2011	3/5/2012	9/28/2012	3/25/2013	10/24/2013	5/6/2014	9/24/2014	3/27/2015	8/26/2015
Temperature (oC)		NA	3.74	19.62	NA	NA	NA	NA	NA	3.95	16.45	2.23	NA	1.00	NA	5.86	19.4	2.8	NA	8.7	NA	9.4	NA	0.4	NA	
Field pH (su units)		NA	6.28	7.60	NA	NA	NA	NA	NA	6.08	6.26	6.68	NA	6.61	NA	6.41	6.44	5.74	NA	6.21	NA	6.92	NA	6.73	NA	
Dissolved Oxygen		NA	11.16	3.76	NA	NA	NA	NA	NA	5.43	0.18	7.74	NA	2.22	NA	NA	1.89	65.00	NA	9.57	NA	9.16	NA	9.13	NA	
Field Specific Conductance (uS/cmC)		NA	178.00	338	NA	NA	NA	NA	NA	164	601	846	NA	697	NA	462	663	569.8	NA	874	NA	80.1	NA	92.7	NA	
Organic																										
Volatile Organic Compounds (VOCs)(ug/l)																										
EPA Method 8260B																										
Benzene		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Chlorobenzene		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Chloroethane		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Trichloroethene		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Methyl tert-butyl ether (MTBE)		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
cis-1,2-Dichloroethene		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Ethyl Ether		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Toluene		NA			NA			NA	NA				NA	4.39	NA				NA	ND	NA	ND	NA	ND	NA	
Semi-Volatile Organic Compounds (SVOCs)(ug/l)																										
EPA Method 8270D																										
1,4-Dioxane	0.3 (1)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Inorganic																										
Dissolved Metals (mg/l)																										
EPA Methods 3010A/6010B/245.1																										
Antimony		NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	0.001	NA	ND	NA	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	
Arsenic	0.34	NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Barium		NA	ND	0.045	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	0.038	0.056	0.073	NA	ND	NA	ND	NA	ND	NA	
Cadmium	0.002	NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Chromium	0.57	NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Copper	0.013	NA	0.02	ND	NA	0.023	ND	NA	NA	0.010	0.014	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	0.019	NA	ND	NA	
Iron		NA	0.13	2.43	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	0.065	NA	ND	ND	NA	ND	ND	NA	NA	ND	0.012	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Manganese		NA	0.148	1.18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Mercury	0.0014	NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Nickel		NA	ND	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Selenium		NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Silver	0.0032	NA	ND	ND	NA	ND	ND	NA	NA	NA	NA	ND	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	NA	ND	NA	
Zinc	0.12	NA	ND	ND	NA	0.336	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	ND	0.033	NA	0.039	NA	0.027	NA	0.032	NA	
Total Metals (mg/l)																										
EPA Methods 200.7/6010																										
Iron		NA	NA	NA	NA	0.289	1.26	NA	NA	3.8	7.3	ND	NA	8.8	NA	23.8	7.8	49.6	NA	0.6	NA	0.175	NA	2.62	NA	
Manganese		NA	NA	NA	NA	0.016	0.914	NA	NA	0.49	2.71****	1.52	NA	3.49	NA	0.39	2.06	0.58	NA	0.06	NA	0.01	NA	0.445	NA	
Other																										
Total Alkalinity (mg CaCO3/l)		NA	43.40	103.0	NA	101.0	35.0	NA	NA	71	34	59.0	NA	56.6	NA	929	69	158	NA	11	NA	28	NA	27	NA	
EPA Method 310.1/2320B																										
Chloride (mg/l)	860	NA	10.40	130.0	NA	2.3	320	NA	NA	15	145	194***	NA	132.0	NA	196	148	36.2	NA	260	NA	ND	NA	4.8	NA	
EPA Method 300.0/9252																										
Nitrates (mg/l)		NA	1.22	0.306	NA	3.07*	ND	NA	NA	0.29	0.09	0.840	NA	0.07	NA	0.151	ND	0.079	NA	ND	NA	0.045	NA	0.297	NA	
APHA-AWWA-WPCF 4500-NO3-F																										
Sulfate (mg/l)		NA	111.0	3.6	NA	ND	18.9	NA	NA	24.2	10	9.7	NA	ND	NA	8.7	ND	ND	NA	6.8	NA	ND	NA	ND	NA	
EPA Method 300.0/9038																										
Total Dissolved Solids (mg/l)		NA	62.90	404	NA	116	509	NA	NA	206	377	458	NA	312	NA	408	414	270	NA	498	NA	82	NA	94	NA	
EPA Method 160.1/2540C																										
Chemical Oxygen Demand (COD)(mg/l)		NA	ND	107	NA	59.9	53.2	NA	NA	46.4	114	72	NA	70.6	NA	51	137	44	NA	43	NA	63	NA	38	NA	
EPA Method 410.4/9038																										
Cyanide (mg/l)	0.022	NA	ND	ND	NA	ND	ND	NA	NA	ND	ND	ND	NA	ND	NA	ND	0.174	ND	NA	0.0093	NA	ND	NA	ND	NA	
EPA Method 335.2																										

Notes:  
ND = Not Detected Above Method Detection Limit  
NA= Not Analyzed  
NSA = No Standard Available  
mg/L = milligrams per liter (approximately equal to part per million (ppm))  
µg/L = micrograms per liter (approximately equal to part per billion (ppb))  
Tabulated results include only those compounds which were detected above method detection limits.  
Refer to laboratory reports for a complete list of compounds analyzed, dilutions, and quantitation limits.  
B = Present in Method Blank. A high bias should be taken into account

Regulatory Standards:  
(1) Maximum Contaminant Level (MCL)  
(2) Secondary MCL  
(3) MCL is an Action Level for Treatment Techniques  
(4) MA Drinking Water Guideline  
Values in **BOLD** exceed a Regulatory Standard as defined above.  
Values in **BOLD** and highlighted exceed Massachusetts MCLs or Drinking Water Guidelines

Table 3: Summary of Surface Water Analytical Results  
Historical Data August 2003 - March 2025

	NATION	SW-2																		
		CMC																		
		4/12/2016	8/26/2016	3/3/2017	11/9/2017	4/3/2018	10/17/2018	4/23/2019	10/25/2019	4/14/2020	11/6/2020	3/26/2021	11/8/2021	3/2/2022	11/21/2022	4/3/2023	11/15/2023	3/19/2024	11/5/2024	3/5/2025
Temperature (oC)		9.6	NA	2.3	4.5	2.5	10.8	4.2	1.0	16.2	14.8	15.1	7.6	8.7	1.6	14.4	5.7	14.0	NA	9.1
Field pH (su units)		NA	NA	7.13	6.32	6.68	6.35	7.37	7.08	7.02	5.98	6.24	6.85	8.58	6.25	7.21	8.37	6.96	NA	6.45
Dissolved Oxygen		3.47	NA	8.76	6.33	10.07	2.13	5.53	3.54	4.75	1.45	4.43	0.13	10.33	0.65	8.60	0.41	8.49	NA	7.49
Field Specific Conductance (uS/cmC)		532.6	NA	549.7	672	491.7	691	637.8	753.1	478.8	825	718	488	623.4	1149	507.5	601	853	NA	669
Organic																				
Volatile Organic Compounds (VOCs)(ug/l) EPA Method 8260B																				
Benzene		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Chlorobenzene		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Chloroethane		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Trichloroethene		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Methyl tert-butyl ether (MTBE)		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
cis-1,2-Dichloroethene		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Ethyl Ether		ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Toluene		ND	NA	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	NA	ND
Semi-Volatile Organic Compounds (SVOCs)(ug/l) EPA Method 8270D																				
1,4-Dioxane	0.3 (1)	0.256	NA	ND	ND	ND	0.969	ND	0.374	ND	1.12	ND	ND	ND	ND	ND	ND	ND	NA	ND
Inorganic																				
Dissolved Metals (mg/l) EPA Methods 3010A/6010B/245.1																				
Antimony		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.34	NA	NA	ND	ND	0.00090	ND	ND	ND	ND	ND	ND	ND	0.0259	ND	ND	ND	ND	NA	ND
Barium		NA	NA	ND	0.063	0.028	0.134	ND	0.067	0.022	78.6	ND	0.064	0.0002	0.055	0.031	0.055	0.032	NA	0.027
Cadmium	0.002	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Chromium	0.57	NA	NA	ND	ND	ND	ND	ND	ND	0.001	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Copper	0.013	NA	NA	0.524	ND	0.003	ND	ND	ND	0.002	ND	ND	ND	ND	ND	0.003	0.003	ND	NA	ND
Iron		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	0.065	NA	NA	0.534	ND	ND	0.002	ND	ND	ND	ND	ND	ND	ND	0.800	ND	ND	ND	NA	ND
Manganese		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.0014	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Nickel		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium		NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.008	ND	NA	ND
Silver	0.0032	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Zinc	0.12	NA	NA	0.219	0.056	0.034	ND	ND	ND	ND	ND	ND	0.031	0.036	ND	ND	0.023	0.019	NA	0.048
Total Metals (mg/l) EPA Methods 200.7/6010																				
Iron		15.8	NA	B 2.12	6.6	1.01	49.1	2.02	6.86	1.35	7.83	3.3	26.5	3.32	12.9	9.44	13.1	3.23	NA	2.11
Manganese		1.21	NA	0.38	0.967	0.131	1.33	0.251	1.06	0.131	0.953	0.626	0.637	1.2	2.46	1.63	0.499	0.428	NA	1.08
Other																				
Total Alkalinity (mg CaCO3/l) EPA Method 310.1/2320B		82	NA	29	43	34	195	26	75	30	37	23	115	31	39	24	81	44	NA	23
Chloride (mg/l) EPA Method 300.0/9252	860	7.1	NA	140	141	111	81.6	155	166	129	211	200	93.3	169	278	103	118	230	NA	215
Nitrates (mg/l) APHA-AWWA-WPCF 4500-NO3-F		ND	NA	0.045	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND
Sulfate (mg/l) EPA Method 300.0/9038		ND	NA	48.5	30.6	9.9	39.5	14.5	18.1	ND	52.0	9.1	28.1	ND	28.9	ND	ND	ND	NA	10.2
Total Dissolved Solids (mg/l) EPA Method 160.1/2540C		176	NA	366	486	378	452	398.0	464	344	510	432	418	460	782	340	420	470	NA	390
Chemical Oxygen Demand (COD)(mg/l) EPA Method 410.4/9038		93	NA	117	202	80	515	85	116	63	121	100	84	70	130	142	98	67	NA	14
Cyanide (mg/l) EPA Method 335.2	0.022	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND

Notes:  
ND = Not Detected Above Method Detection Limit  
NA= Not Analyzed  
NSA = No Standard Available  
mg/L = milligrams per liter (approximately equal to part per million (ppm))  
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Values in **BOLD** and highlighted exceed Massachusetts MCLs or Drinking Water Guidelines



# SELECT BOARD LETTERHEAD

January 15, 2026

Ms. Brona Simon, State Historic Preservation Officer  
Massachusetts Historical Commission  
220 Morrissey Boulevard  
Boston, MA 02125

Re: Medfield State Hospital, Medfield, MA

Dear Ms. Simon,

I am writing on behalf of the Medfield Select Board to support Trinity Acquisitions proposed adaptive reuse of the Medfield State Hospital using state and federal historic tax credits. Preservation and rehabilitation of the historic property has been a top priority for the campus since it closed completely, 20 years ago. The project will rehabilitate 27 buildings and create 334 units of mixed income housing.

The proposed project incorporates the priorities of the Town of Medfield identified in the Medfield State Hospital 2018 Strategic Master Plan for reuse of the property, including maintaining and enhancing the character of the Town, addressing Town housing needs, achieving reasonable economic and financial benefits for Medfield residents and Town service, and celebrating history. The proposed residential use of 27 campus buildings complements the proposed Cultural Alliance of Medfield's plan for cultural and arts uses in the former Lee Chapel and the Infirmary.

The project also incorporates new public open spaces, which will provide significant recreational and ecological amenities for the new residents and Medfield community. With passive and active programs, the new campus landscape will be crafted to engage residents and neighbors in social spaces while providing "productive landscape" services. The objective of the "productive landscape" is to create an open space that provides ecological resources (such as wildlife habitat enhancement, stormwater treatment, native seed spreading, and passive cooling) while also providing recreational opportunities for the community.

This project will revitalize the Medfield State Hospital campus and buildings to the proper rehabilitation standards while restoring an underutilized and vacant asset for the community.

We deeply appreciate your prior awards for this project and we strongly encourage your continued favorable consideration. Please feel free to contact Kristine Trierweiler, Medfield Town Administrator, should you have any questions.

Sincerely,

Gus Murby,  
Chair, Medfield Select Board

cc:

Kristine Trierweiler, Medfield Town Administrator  
Todd Trehubenko, Chair, Medfield State Hospital Development Committee  
Abby Goldenfarb, Trinity Acquisitions LLC  
Jean Mineo, Bellforge Arts Center







MEDFIELD EMPLOYERS & MERCHANTS ORGANIZATION, INC.  
PO BOX 6, Medfield MA 02052  
[www.medfieldmemo.org](http://www.medfieldmemo.org)

November 11, 2025

Medfield Select Board  
459 Main Street  
Medfield, MA 02052

Re: MEMO's 2025 holiday parade

Dear Select Board:

Request is made to permit MEMO to have its annual Holiday Parade on Saturday, December 6<sup>th</sup>. We will assemble at the high school then start at 1pm, travel on Pound Street, to South Street, to Main Street, to Park Street, to Metacomet Street, then return to the high school around 2 pm.

We're inviting the Fire and Police Departments to participate, the high school marching band, the Girl Scouts and Boy Scouts, a couple dance troupes, businesses to enter their own floats, and Santa & Mrs. Claus.

We will coordinate this with the Fire and Police Departments.

Very truly yours,

*Russ Hallisey*

Tel: 508-733-9995

## Strategic Goals Public Hearing



TOWN OF MEDFIELD  
MASSACHUSETTS  
*Department of Public Works*

**MAURICE G. GOULET**  
Director of Public Works

55 North Meadow Road  
Medfield, MA 02052  
(508) 906-3002  
Fax (508) 359-4050  
mgoulet@medfield.net

**MEMORANDUM**

TO: Kristine Trierweiler, Town Administrator  
Brittney Franklin, Assistant Town Administrator

FROM: Maurice G. Goulet, Director of Public Works

DATE: October 29, 2025

SUBJECT: Medfield Select Board Strategic Goals Review

Public Works Department was asked to review the Medfield Select Board Strategic Goals document and has the following comments:

**MEDFIELD SELECT BOARD – STRATEGIC GOALS**  
**PUBLIC WORKS REVIEW**

**Goal #1: Financial Stewardship: Action Items**

- Explore reduced Transfer Station Sticker Prices for Senior Residents  
*There may be pressures from other groups (Veterans, Disabled individuals...).*
- Conduct a cost-benefit analysis of hiring outside engineering services versus hiring a town engineer  
*There appears to be definite need for a Town Engineer in conjunction with outside engineering services. Maybe consider a cost-benefit analysis to coordinate efforts instead of exclusion.*

**Goal #2: Organizational Excellence: Action Items**

- Annually review the Pavement Management Plan with the Director of Public Works  
*In addition to a review of the Pavement Management Plan, consideration for reviewing a sidewalk implementation/rehabilitation plan (with ADA accessibility) is desired.*
- Annual meeting with the Board of Water and Sewerage to review capital plans and implications for water and sewer rates  
*An opportunity to move PFAS and Inflow and Infiltration (I&I) improvement projects forward.*
- Create a capital projects page within the town's website with status updates on projects  
*Addition of non-capital construction project updates would be beneficial (roadway reconstruction, sidewalk rehab and installation, hydrant flushing...). This may already have been a consideration.*

**Goal #5: Environmental Stewardship: Action Items**

- TSARC and DPW to develop a plan to reduce waste in town. Pursue zero-waste options.  
*Creation of an Enterprise funded Transfer Station if options are considered.*
- Improve the Can Recycling Location and Educational Information at the Medfield Transfer Station  
*Massachusetts Correctional Industries (MassCor) has been contacted internally to assist in developing a new can recycling collection container. Nothing has been moved forward as of now. New signage was also discussed.*



Town Goals &lt;towngoals@medfield.net&gt;

## Additional comments to town goals

1 message

**Samantha Vaughan** [REDACTED]  
To: towngoals@medfield.net

Mon, Jul 14, 2025 at 2:34 PM

Hi there,

My name is Samantha Vaughan from 10 Emerson Road in Medfield. I appreciate a lot of the [strategic goals](#) listed so far on the town website.

As a new resident to Medfield, one of the main reasons my partner and I moved here (other than the great school system and vibrant community), was the abundance of beautiful nature and historical/small town charm to the neighborhood. I believe these characteristics (beautiful parks and trails within walking distance or nearby, large amount of mature canopy across neighborhoods, lack of big commercial industry and big box stores or chains (though I wish we also didn't have a Starbucks or Chipotle, and instead had small businesses there), home prices that are still somewhat affordable in comparison to nearby towns, and older homes or at least a mix of homes that still have character and are more modest and not overdeveloped/mcmansions) are all things that truly make Medfield unique to our neighboring towns. These unique characteristics not only increase our value as a town and homeowners, but they also attract a community mindset of protecting something that is special for generations to come. As I look through the town goals, some additional comments I would like to add are:

- If not already doing so, I'd love to see Medfield make improvements to **fiercely protect existing tree canopy (especially mature trees, which cannot just be replaced) and improving/planting new canopy (where needed) on private and public properties**. I noticed recently that a large group of mature pine trees were removed near the intersection of Pine and Winter street. I don't know the details of their removal (ex: not sure if there were legitimate safety or environmental issues), but am concerned if this is not something already explicitly protected within a town tree ordinance. (You can learn more about the importance of tree canopy in this campaign from Mothers Out Front (Newton chapter): <https://www.protectnewtontrees.org/>.) Tree canopy helps our community stay cool & resilient during increasingly hotter summers from climate change (resulting in fewer heat islands), keeps energy bills lower, provides homes and important environmental needs to local wildlife, improves air quality and public health, reduces flooding, makes more vibrant/charming/beautiful neighborhoods, improves town and property values, encourages local residents to spend more time walking/running/biking instead of driving (which also in turn improves air quality and public health, and reduces traffic/congestion), and is a major differentiator between our town and other nearby towns.
- In addition to improving and creating new sidewalks, I'd love to see the town prioritize **more bicycling infrastructure** to make biking more attractive and safer for residents. Currently, there are not many safe, long, or connected routes for biking in the town (such as bike lanes, protected bike trails, shaded bike paths, etc.). This makes it difficult to bike throughout the town and reduce cars on the road (i.e. traffic & air pollution), and will become more of a problem as our town continues to grow and roads become more congested. I would love to see more encouragement for biking/walking, and that starts with building the right infrastructure in place. These are all things that will improve public health, reduce congestion, promote and generate revenue to local businesses, and make for a more vibrant and integrated community. With better biking infrastructure, we could also attract more bike-friendly adoption to neighboring towns & communities to connect with our biking infrastructure.
- In terms of the goal to "Promote a "Business Friendly" Atmosphere to Retain Current and Attract Potential New Businesses", I would love to see the town also explicitly name **building an atmosphere that fosters small businesses** that build a more thriving local community, and not just adding more big box stores, industry, or business that create more traffic from neighboring towns. Not only do small businesses make a more thriving local community and economy, but they also help to protect our local character and charm, which is a big differentiator to other neighboring towns. I think it would be a big mistake to start overdeveloping our town. I think we can be strategic with where businesses are located, and what types of development we allow in. Perhaps there is also an opportunity to create more mixed-use spaces that help smaller business who may not have the means to operate on a large scale, work alongside other businesses in town. This would also allow smaller businesses to test the waters in Medfield and build up a customer base before scaling up their business in a space in Medfield that perhaps has higher overhead costs. One example I can think of is the farmers market, which has allowed a whole range of businesses to come to town without high overhead. I imagine in a more permanent setting, this could look like a community marketplace (with indoor and outdoor areas optimized for community gathering) or a block of food & retail small businesses with smaller settings & costs.

- I believe all of the items highlighted above, collectively contribute to a future for Medfield where the local economy, public health, and community are all thriving.

Thank you for your consideration and efforts to keep Medfield a great place to live.

Thank you,  
Samantha



Town Goals &lt;towngoals@medfield.net&gt;

## Comments - Town of Medfield Strategic Goals

1 message

Colin Leary [REDACTED]  
To: towngoals@medfield.net

Mon, Nov 3, 2025 at 6:51 PM

Hello,

My name is Colin Leary and I am a member of the PPBC. Brittney Franklin passed the Town of Medfield Strategic Goals draft along to our committee and asked for any input we may have. My comments:

- Overall, the Town of Medfield Strategic Goals look great and provide a great framework for advancing important initiatives for our town. I commend the work put into the Strategic Goals to date.
- Goal #1: Financial Stewardship
  - Downtown
    - I look forward to hearing more detail about how the proposed mixed-use overlay district may take shape; a thoughtful implementation of this would be a positive for the town
    - I am curious how parking might be addressed as part of changes to downtown
    - To the extent parking is a constraint, I am supportive of looking at how underutilized parking (whether public or private) might be used to address growth downtown
  - Transfer Station: I think reduced cost stickers for Senior Residents is a great idea
- Goal #2: Organizational Excellence
  - 20-Year Capital Plan: I look forward to engaging on this subject
  - Pavement Management Plan: is paving on school property part of this plan? Wheelock seems like a candidate for paving improvement
- Goal #3: Vibrant and Inclusive Community
  - Recreation Spaces
    - I understand that some of the area surrounding Meetinghouse Pond is owned by the Unitarian Church, but enhancement of this centrally located open space should be considered
    - Additionally, more programming of this space should be considered
    - Recommend continuing to look into opportunities to interconnect open spaces with pedestrian paths and bike lanes
    - Promote the open space opportunities available in Medfield with public information and activation / events
  - New Dale Street School / Parks & Rec Facility
    - I am eager to dig into how these two initiatives may interconnected and how they may be able to leverage each other
- Goal #4: Character
  - How does the Town think about the interrelationship between the town's great character and economic growth?
  - For example, introduction of more chain restaurants?
  - Are there ways to continue to support independent retailers?
  - The comment on the open space surrounding Meeting House Pond is applicable here as well
- Goal #5: Environment
  - Curious about the value of a public tree inventory and tree planting plan for a town like ours

Thank you!  
Colin



Town Goals &lt;towngoals@medfield.net&gt;

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**Goals**

1 message

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**Peg Doyle** [REDACTED]  
To: towngoals@medfield.net

Mon, Jul 28, 2025 at 3:40 PM

Hello,

Thank you for the opportunity to provide ideas for planning Medfield's future. As a long time resident I have seen many improvements in the downtown area that have resulted in more people walking within the town, visiting shops and the library and Straw Hat Park

I would like to see a committee dedicated to enhancing the appearance of the downtown . Areas needing improvement include:

- 1 Improvements to the fronts of shops through a more uniform appearance - color of buildings, awnings and signage.
2. Installation of floral baskets elevated on utility poles (possibly getting a pledge from Lovell's for the annual plants)
- 3 Improved street signage to build awareness of parking lots and redesign of existing parking spaces within the town to optimize available space (Middlesex bank rear, laundromat lot, behind town hall and any other location available for parking)
- 4 town acquisition of the building at the corner of Main and North St. architecturally it has a great design and if restored could be a centerpiece for the town

Thank you for considering my suggestions

Regards

Peg Doyle

41 Philip St



Town Goals &lt;towngoals@medfield.net&gt;

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## Input on town goals

1 message

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**Christine McCue** [REDACTED]  
To: towngoals@medfield.net  
Cc: Kristine Trierweiler <ktrierweiler@medfield.net>

Thu, Jun 12, 2025 at 4:37 PM

Dear Select Board & Kristine,

Jerry and I were out of the country for a stretch, so sorry for not getting these thoughts to you prior to last week's meeting. Below is some feedback on town goals, in case it's helpful.

Best,

Chris

Questions/overall observations on town goals --

- How might we revisit adoption of Community Preservation Act to assist with town finances in the areas of affordable housing, historic preservation and recreation? It would help to have another discussion, and establish a list of future town projects that would benefit from CPA, if we had it.
- Where are we on a Town Charter review? One especially compelling discussion might be term limits for certain boards and committees. Does having residents serving on a board of committee for decades deter others from stepping up, or are they filling positions that no one else truly wants? Are certain positions better as elected vs. appointed? (I don't have strong opinions on any of this – I can see all sides. Just throwing out thoughts for possible consideration/discussion.)
- Piggybacking on the previous comment – maybe we need to revisit volunteer recruitment and retention (could focus groups help?). As part of this (but not limited to it) -- should chair rotations be established as an expectation? It may not make sense on certain committees, but I've just observed a variety of group dynamics among our boards and committees, and I get the sense that rotating chair role helps to keep all members actively engaged, while also increasing their institutional knowledge.

Goal #2:

- Establish expectations regarding the sharing of information between town committees, boards and town departments (e.g., occasional joint meetings, establishing liaisons, etc.) to encourage more collaboration and communication to help prevent issues from falling through the cracks, and have everyone on the same page.



## Goal #5:

- Review and updating of Historic Preservation bylaw, especially with community input.
- Commit to stronger enforcement of town bylaws, creating “teeth” when not followed. One specific example: developer blatant disregard for Scenic Road Act, followed by an expectation to obtain permits for future projects.
- More of a question: In the description of this goal, it’s stated, “*This goal focuses on ensuring that the best parts of Medfield are preserved...*” yet, do we have a definition of “best parts?” It seems this is where we tend to have the most conflict – when there are competing goals and priorities. It may be unavoidable, but acknowledging the tension and talking through how we might address conflicts when they arise might help.



Town Goals &lt;towngoals@medfield.net&gt;

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## Medfield Energy Committee comments for the strategic plan

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CYNTHIA GREENE [REDACTED]

Wed, Nov 12, 2025 at 8:26 PM

To: "towngoals@medfield.net" &lt;towngoals@medfield.net&gt;

Cc: Penni Conner &lt;penelope86.pc@gmail.com&gt;

Thank you for the opportunity to comment. The MEC reviewed the draft Town of Medfield Strategic Plan and would like to offer the following two comments. Please let me know if there are any questions on these comments.

Cynthia Greene

### Goal #1 Financial Stewardship

#### Action Item

Continue to pursue official closure and consent order for Medfield Landfill to allow or solar development.

***The Medfield Energy Committee fully supports the pursuit of official closure of the landfill in order to allow for solar development. We look forward to helping in any way we can to pursue this goal.***

### Goal #2 Organizational Excellence

#### Strategy #1

Proactively plan for the maintenance and upgrade of town facilities in alignment with the Facilities Master Plan and within the financial constraints of the town to support the facilities maintenance and upgrades.

***The Medfield Energy Committee fully supports this strategy and strongly recommends that the maintenance and upgrades be done with cost-effective energy efficient and renewables options and designs.***



Town Goals &lt;towngoals@medfield.net&gt;

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## supporting Medfield's natural beauty

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C White [REDACTED]  
To: towngoals@medfield.net

Mon, Oct 6, 2025 at 3:57 PM

Although Medfield has open space much of it is wetlands and inaccessible for walking or hiking. I would encourage keeping the space we have available as natural as possible, with no buildings, sports fields, fertilizer, and minimal mowing (later in the season than July 15th to support fledgling birds).

I am very concerned about the amount of water we have available and frustrated to see residents violating the various drought tiers. Could an officer stop by to make sure the resident is aware of their violation? Perhaps a note in the mailbox would suffice. At least the homeowner could learn that watering midday uses as much as 30% more water, so they could save money by adhering to the regulations.

I would like to have us ban all rodenticides. I was shocked to see rodent poison outside behind the library. Any small animal could have gotten killed. Poisons kill our allies in balancing the number of mice, chipmunks, etc., so can worsen a problem. Dogs have also been sickened and died, and it is a horrible, avoidable death. Snap traps and electric traps work well and are reusable. It pains me to see glue traps at the hardware stores, that are another slow, painful death.

I am excited by Trinity's plans for MSH and their attention to sustainability. However, I heard they aren't meeting code for insulating the roofs. If that is so it seems like a reasonable demand on behalf of our future citizens and their electric bills.

Lastly, I have followed the possible basketball facility at McCarthy Park, a sport I enjoy to this day. That said, I think that rather than hand-selecting committee members to review it the Select Board could avoid the accusations of it being an inside deal by asking community members to submit an application with their relevant background. Then the Select Board could choose from among the applicants with an aim towards balancing voices from different constituents (Younger, older, with school-aged children, seniors, etc). This approach may be suitable for any number of other committees, and has worked where I have lived previously.

I am in favor of the proposed Specialized Code for new single-family home construction. Real estate is so expensive the marginal increase in cost is outweighed by the benefit.

--

Catherine

*Catherine Friend White, Managing Director**Golden Seeds*[www.linkedin.com/in/catherinefriendwhite](https://www.linkedin.com/in/catherinefriendwhite)[cfwhite21@gmail.com](mailto:cfwhite21@gmail.com)



Town Goals &lt;towngoals@medfield.net&gt;

**Town Goals**

1 message

tkalinowski@verizon.net [REDACTED]

Mon, Aug 25, 2025 at 11:10 AM

To: "towngoals@medfield.net" <towngoals@medfield.net>  
Cc: "ktrierweiler@medfield.net" <ktrierweiler@medfield.net>

I am a resident and home owner in Medfield for 48 years this October.  
I like many other long time residents take pride in our town and it's future.  
I have reviewed the checklist of goals the town is working to implement, modify or structure.  
One of the goals I noticed is titled "private well compliance". This topic is of interest to me, since I have a private well, used for irrigation purposes only. I installed this well approximately 30 years ago at great expense to maintain my small parcel of lawn.  
We did this because of prior years attempting to maintain the lawn over many summers the lawn took considerable work, money and effort to bring it back to life and luster.  
We invested in the irrigation well and sprinkler system along with their maintenance at great expense.  
We only water our small patch of lawn for short intervals during the short watering season.  
This well and watering has greatly increased the value of our home, which we take considerable pride.  
I have met with town officials previously showing that my aquafier does not draw any water from the Charles River water basin or any other sources that support our town wells. This has not changed.  
The facts also haven't changed for my residence. My Irrigation well still does not draw from any of the towns specific water sources..  
I hope the town will use its common sense and guidance as it has in the past to make compliance guidelines of private wells to only those that draw from the towns specific water sources, when forming its rules.  
I might add, I encourage in fairness that the town take the courtesy to speak with private well owners in advance of changing rules that pertain to a minority of tax paying residences. This did not take place previously nor has it happened now. if I had not read about this in a medfield Insider newsletter, i would not have known.  
As you know there are many swimming pools in Medfield perhaps as many as private wells and those swimming pools are filled fully or partially due to evaporation using as much town water resources per pool as my irrigation system would use IF it were taking water from the townsmwater sources, which it DOES NOT.  
I also understand the town uses it's water sources to water our town playing fields etc for Saftey Reasons. As we all know these fields are much larger than the average amount of home lawn. With proper maintenance I am sure the town is considering cutting back on watering for even one fewer day than restricting the impact of a private well that does not draw from the town.  
In today's world of rights being taken away, I will assume the town will do the right thing in forming it's guidelines and not use prejudical treatment in its decisions.

Sincerely  
Tony Kalinowski  
36 Hearthstone Drive  
Medfield  
[REDACTED]

Sent from AOL on Android



Brittney Franklin &lt;bfranklin@medfield.net&gt;

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**Town of Medfield Strategic Goal Public Hearing - Nov 18**

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**CYNTHIA GREENE** [REDACTED]  
To: Brittney Franklin <bfranklin@medfield.net>

Wed, Nov 5, 2025 at 1:12 PM

Hi Brittney

I wanted to follow up on our conversation last night about the strategic goals and adding in the aging adults to Goal 3 - Vibrant and Inclusive Community. It just seems to be a glaring omission to not include the aging adults in the "vibrant community" and I am sure that was not intentional. I have suggested one action item below based on what I hope will be a continued success of the Medfield Academy and your hopes to expand civic engagement through education. I am sure there are other actions that could be added, but at a minimum we should maintain the COA and other programming that I learned so much more about last night!

My suggestion would be to add to the second bullet

- "support the Cultural/Physical/Emotional/Civic Development of our children, [and] young adults, **adults and aging adults**."

Then in the Action items add

- Continue opportunities for youth and all adults to learn about civic engagement in Medfield (e.g. School and youth groups (Boy and Girls Scouts, etc.) education and Medfield Academy.)

If you would like me to put this into the comments email, let me know and I would be glad to do so.

Cynthia

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**From:** Brittney Franklin <bfranklin@medfield.net>**Sent:** Thursday, October 23, 2025 1:11 PM**To:** Penni Conner [REDACTED]; CYNTHIA GREENE [REDACTED]**Subject:** Town of Medfield Strategic Goal Public Hearing - Nov 18

[Quoted text hidden]

[Quoted text hidden]

## **TSARC – Items for Town Plan Goal #1 – Financial Stewardship**

### **Ideas on the table or in development**

Explore reduced Transfer Station sticker Prices for Seniors and Low-Income Residents...other?

## **TSARC – Items for Town Plan Goal #5 – Environmental Stewardship**

### **Permanent Initiatives at the Transfer Station**

Mattress collection

CMRK household goods trailer

Charity collection bins

Ash collection

Swap area (5+ months a year)

Bulky, rigid plastic collection

Battery collections: NiCad, Lithium & Button

Fluorescent and LED lights collections

Mercury collection

US Flag collection...for retiring US flags

Lead Acid battery collection

Bottle and can collection

Plastic Bag collection

Recycling compactors for comingled paper, glass, metals, plastic with effective,

Mass DEP-compliant signage

Refrigerator, air conditioner, dehumidifier collection

Propane and Helium tank collection

Metal & Appliance collection

String light collection

Food waste compost drop-off

Leaf & Brush collections

Christmas tree collection

Mulched soil for sticker holder use..from on-site composting of leaf and brush collections

### **Regularly scheduled special collections**

Household Hazardous Waste (1x / yr)

Textiles (Swap; charity bins; monthly when Swap closed)

Household goods (Swap; bi-monthly when Swap closed)

Foam (expanded polystyrene 2x/yr)

Electronics collection (2x/yr)

### **Ideas on the table or in development**

All schools – lunchroom composting (already in Memorial)

Assessment of all public building recycling receptacles and compliance

Pay As You Throw initiative (PAYT)

PSA's for

- Disposal of leaves at TS, or in yards but away from wetlands, streets, drains

- Plastic use reduction

- Tips for household product reuse or 'make your own'

- Alternative 'green' products to purchase

Ban on either foam take-out containers or straws

PSA's and development of recycling in multi-family buildings

Continue to develop TSARC brochure and signage in Spanish and Portuguese

Solar panels on landfill? On public building roofs?

Research Waste Removal Policy for Private Haulers

Explore development of Enterprise Fund for the Transfer Station

Develop a town-wide waste audit

Develop a TS organizational audit

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## Town Goals: Feedback and Recommendations

The Warrant Committee reviewed the Select Board's draft Town Goals and commended the quality of the work. Two key recommendations were proposed for inclusion in the draft:

1. **Health Insurance Cost Strategy:** The cost of health insurance for the town is projected to increase by 36% from FY 2025 to FY 2027. The aggregate expenses associated with health insurance and pension plans for Medfield now significantly exceed the total amount of state aid in the operating budget forecast. In Medfield, the total annual cost for a family health insurance plan is expected to exceed \$40,000, with projected increases of 15% to 19% over the next two to three years. The committee recommends that the Town develop a comprehensive strategy, including an actionable item focused on evaluating all available options to restrain health insurance costs. Furthermore, the Town should communicate these plans effectively to both residents and employees.
2. **Comprehensive Communication Plan for Capital Projects:** Under goal 2, there is an action item supporting the PPBC and Facilities Department in maintaining and updating a 20-year capital building maintenance plan and determining next steps for the new 20-Year Capital Building Maintenance and Construction Plan. The committee suggests establishing a robust communication plan that clearly explains priority projects, outlines their timelines, and estimates the potential impact on property taxes for the average homeowner. It was noted that most residents are currently unaware of the extent of the Town's capital requirements.





**TOWN OF MEDFIELD**  
**DEPARTMENT OF LAND USE AND PLANNING**  
459 NORTH MAIN STREET  
MEDFIELD, MASSACHUSETTS 02052  
TEL. (508) 906-3027 FAX (508) 359-6182

MARIA DE LA FUENTE, DIRECTOR OF LAND USE

**MEMORANDUM**

TO: Select Board members

FROM: Maria De La Fuente, Director of Land Use and Planning

DATE: November 17<sup>th</sup>, 2025

SUBJECT: Select Board's Strategic Goals (2025)

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Dear Select Board members:

I am writing to offer a brief update and comment in connection with your Strategic Goals Initiative.

First, on the subject of stormwater bylaws, the Land Use Department is strongly in support of updating our existing stormwater bylaws. As you know, our existing bylaws were last comprehensively revised in 1999, and we're long overdue for modernization to reflect current state and engineering best practices.

This is why the Land Use Department has submitted an Expression of Interest for the MVP Action Grant to hire an engineering and planning consultant team to assist with a stormwater bylaw rewrite focused on low-impact development (LID), nature-based solutions, and climate resilience. The goal would be to bring our regulations into alignment with current MS4 permit standards, incorporate green infrastructure requirements, and ensure our local code supports long-term climate adaptation.

I will keep you posted on the status of our EOI and hopefully, the subsequent application for funding. If awarded, my Department would work closely with the Health Department and the Department of Public Works to ensure a harmonious, comprehensive update.

Second, in addition to supporting the ongoing update to the Town's stormwater bylaws, I wanted to note that while mixed-use zoning is an excellent step toward encouraging economic development, there may be additional opportunities worth exploring.

For example, many residents express interest in operating small home-based businesses. However, the current requirement for a special permit—even in straightforward cases involving adequate parking, no construction activity, and minimal neighborhood impact—can often discourage potential applicants. This seems like a missed opportunity to support local entrepreneurship. Some

of these small ventures may eventually grow into established businesses with a presence in our commercial districts.

It may be worth considering whether certain low-impact home-based businesses could be permitted by-right or through administrative review when specific, objective criteria are met. Doing so could foster a more supportive environment for small business owners while maintaining appropriate administrative oversight.

Third, and relating to our mixed-use zoning initiative, the Planning Board has kicked off its first working session in early November, with the assistance of consultant Ted Brovitz. The Planning Board will be meeting again on December 1<sup>st</sup> to discuss their initial round of feedback with the consultant, which will then result in an updated working draft. Once the Planning Board has settled into a revised first draft, I would like to organize a joint Select Board/Planning Board meeting to gather the Select Board's feedback on our work to date, as I very much appreciated the Select Board's feedback during our MBTA Zoning process and would like to continue this partnership for future Town Meetings. If the Select Board is open to this, I will be in touch with your office with an invitation once the time comes.

Looking ahead, I would also suggest including a broader zoning review or rewrite as part of future planning efforts. I hope to pursue grant funding to support this work, particularly to align our bylaws more closely with economic development goals. A recent example would be implementing the recommendations from our Industrial-Extensive (IE) District study by updating the corresponding zoning setbacks and use table updates. Clear and accessible zoning is a critical foundation for a vibrant local economy, and this is something I have discussed with the Planning Board, who has included a zoning rewrite as part of their own Goals.

Thank you for your consideration and continued leadership.

If you have any questions, don't hesitate to contact me at [mdelafuente@medfield.net](mailto:mdelafuente@medfield.net) or by phone at (508) 906-3027.

Maria De La Fuente



Brittney Franklin &lt;bfranklin@medfield.net&gt;

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## Medfield Strategic Goal Feedback

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**Rob Tatro** <rtatro@medfield.net>  
To: Brittney Franklin <bfranklin@medfield.net>  
Cc: Katie Walper <kwalper@medfield.net>

Fri, Nov 14, 2025 at 3:13 PM

Good afternoon Brittney,  
Could you look over the proposed inclusions to the Medfield Strategic Goals and get back to us on them when you get a chance?  
Thanks,  
~Rob

Include this as a strategy to goal #2:

- Support the Medfield Park and Recreation Commission in the fiscally responsible planning and development of a new Community Center through coordinated long-term capital analysis, transparent decision-making, and alignment with the Town's Facilities Master Plan.

Include this as an action item to goal #2:

- Collaborate with the Park and Recreation Commission and relevant municipal departments to develop a comprehensive financial and capital planning framework for the proposed Community Center, including lifecycle cost projections, funding options, and long-term operational implications.

Reasoning:

Supporting the Medfield Park and Recreation Commission with the development of a new Community Center aligns directly with Goal 2: Organizational Excellence because major facility projects require a high degree of long-term financial oversight, cross-departmental coordination, and thoughtful planning.

Developing a financial and capital planning framework for the proposed Community Center ensures that decision-makers, staff, and residents have a clear understanding of the project's lifecycle costs, funding pathways, and operational implications before major commitments are made.

Include this as a strategy to goal #3:

- Use recreation infrastructure to promote youth leadership, healthy behaviors, and community cohesion through the creation of a Medfield disc golf course.

Add this as an action item to goal #3:

- Establish a youth or community disc golf working group to identify a site and develop a proposal

Reasoning:

A disc golf course can serve as a low-cost, high-participation recreational asset that encourages healthy physical activity, youth engagement, multi-generational community interaction, and civic responsibility. The development of a course also presents specific opportunities for youth leadership, student clubs, and civic learning, all consistent with Goal 3.

The purpose of the action item would be to bring together town officials, Parks & Recreation, youth representatives, and community members to explore feasibility, identify potential sites, and prepare a proposal for Town leadership.

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# SCHOOL COMMITTEE

*Town of Medfield, Massachusetts 02052*

November 14, 2025

Dear Medfield Select Board,

The Medfield School Committee appreciates the opportunity to provide feedback on the Strategic Town Goals and values the continued spirit of partnership across boards and departments. We share the Town's commitment to supporting and engaging Medfield's youth and families, and we're encouraged to see strategies that reinforce collaboration with the School Committee and Superintendent to maintain and strengthen the district's strong academic performance.

At the same time, several of the action items under Goal 3 would benefit from clarification or refinement to better align with existing school and community structures, avoid duplication, and focus efforts where they'll have the greatest impact. Our feedback below is offered in that same collaborative spirit—with appreciation for the thoughtful work that's already gone into this process.

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## 1. Youth Advisory Council

**Town Action Item:** Create a youth advisory council to include youth input on town policies and programs.

### **School Committee Feedback:**

We strongly support efforts to elevate youth voice and civic engagement, but would appreciate clarification on the council's purpose, structure, and scope. To be effective, this initiative should complement—not compete with—existing student leadership opportunities such as Student Council, Peer Leadership, and the School Committee's own student representative roles.

If the goal is to strengthen youth input on town-wide issues, we recommend designing the council in partnership with school and student leaders to build on current structures rather than create a parallel or duplicative body.

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## 2. Expand Club Offerings at the High School Focused on Promoting Healthy Behaviors

**Town Action Item:** Expand club offerings at MHS that promote healthy behaviors.

### **School Committee Feedback:**

This action item feels overly prescriptive and somewhat misaligned with current realities. Medfield High School currently offers over 50 active clubs—the most in school history. The principal noted that student interests are well represented, and one of the student representatives shared that adding new clubs could be challenging for students to manage given existing commitments.

We suggest shifting the focus toward community-based opportunities that support youth health. Partnerships with the Library, Park & Recreation Department, and local organizations could expand inclusive, accessible after-school and weekend programming for a broader age range.

Additionally, the district's Mobile Tech Task Force and the Wait Until 8th initiative both address aspects of healthy technology and social behaviors. These could be referenced or supported as part of this goal to reflect current work already underway.

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### **3. Park & Recreation and the School Building Committee**

**Town Action Item:** Review the SBC and Park & Rec to identify opportunities for collaboration and efficiencies.

**School Committee Feedback:**

We strongly support ongoing collaboration with the School Building Committee (SBC) to advance the new Dale Street School project. However, including Park & Recreation under the SBC umbrella is problematic.

Introducing additional facility needs at this stage would significantly increase the complexity of the project and could lead to higher costs, design challenges, or delays that jeopardize both efforts. Park & Rec's facility and programmatic needs are distinct and deserve an independent planning process that allows for thorough consideration of community priorities and long-term needs.

We recommend that the Town continue to work directly with Park & Rec leadership to identify opportunities for collaboration where appropriate, but maintain separate processes and timelines to ensure both projects move forward successfully.

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### **4. Consistency Across Goals**

We note that some action items across the Town's goals appear to compete with one another—for example, preserving open space and maintaining the unique character of the town while also exploring opportunities to expand facilities or generate additional revenue. Clarifying how these priorities intersect—and which objectives take precedence when trade-offs arise—will help ensure that decisions are both fiscally responsible and consistent with the town's long-term vision.

The School Committee remains deeply appreciative of the collaborative relationship we share with the Town and the many boards, committees, and departments that support Medfield's students and families. We look forward to continuing this partnership as we work toward shared goals that strengthen our schools, enhance community well-being, and ensure that Medfield remains a place where every student can thrive.

Respectfully,

Michelle Kirkby, Chair  
Diana Frascella, Vice Chair  
Leo Brehm, Recording Secretary  
Sophia Viglas, Financial Secretary  
Will Horne, Member at Large



Town Goals &lt;towngoals@medfield.net&gt;

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## Some more comments

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**Hildrun Passas**

Reply-To: Hildrun Passas &lt;

To: "towngoals@medfield.net" &lt;towngoals@medfield.net&gt;

Mon, Nov 17, 2025 at 8:28 PM

Hi Kristine, Brittney and Kamryn,

Sorry I am only now getting to look over the draft goals and sending you more comments. And my apologies that I may send you a couple of emails tonight.

This one I wanted to get out soon, so that I don't have to make this comment in public:

Virginia creeper is in fact a native species and should not be mentioned among the invasives to be curtailed. It may be an aggressive spreader, and annoying to gardeners, but it's not harmful the way invasives can be when they replace native species. (People use 'aggressive' for annoying natives, and 'invasive' for aggressively spreading non-natives)

You may want to consider replacing it in the list with Spotted Lantern Fly. This bug was first documented in Medfield last fall and once it spreads over the next few years, it's going to affect many woody plant species. People will want to get educated on this voracious feeder/highly destructive pest.

<https://www.mass.gov/news/state-agricultural-officials-provide-update-about-spotted-lanternfly-in-massachusetts>

<https://www.mass.gov/spotted-lanternfly>

Best regards,  
Hilli

Informational



Green Communities Annual Report Summary FY2025

Date of Annual Report Preparation: 11/5/2025 5:11:32PM

Prepared by: Susan McPhee

Title of Preparer: Energy Conservation Coordinator

Green Community Information

Municipality: Medfield

Baseline Fiscal Year: 2015

Criterion 1: As-of-Right Siting

Criterion 1 is met by a municipality passing zoning in designated locations for the as-of-right siting of renewable or alternative energy generating facilities, research and development facilities, or manufacturing facilities.

Type of as-of-right siting approval received: Solar PV

Have any significant changes been made to the zoning district(s) for which the community received Green Communities designation? No

Criterion 2: Expedited Permitting

Criterion 2 is met by a municipality adopting an expedited permitting process of one year at most, under which facilities interested in locating their facility in a designated renewable zone may be sited within the municipality.

Type of expedited permitting approval received: Local

Clean Energy Project Permitting

This table shows any changes made in FY2025 to clean energy projects on record that have been accepted for approval under the zoning for which the community received Green Community Designation.

Name	Type	Description	Status	Decision Date
{none}				

Criterion 3: Energy Use Baseline & Energy Use Reduction Plan

- To demonstrate compliance with Criterion 3, municipalities must:
- Establish an energy use baseline inventory for municipal buildings and facilities (which can include schools, water, wastewater treatment plants and pumping stations, and open space), street and traffic lighting, and vehicles; and
  - Adopt an Energy Reduction Plan (ERP) demonstrating a reduction of 20 percent of energy use after five years of implementation.

Community Baseline Year: FY2015

Energy Reduction Progress

Category	Baseline (FY2015)	FY2023	FY2024	FY2025
Building				
Use (MMBTU)	55,558	48,553	50,749	50,876
%Diff from Baseline		-12.61%	-8.66%	-8.43%
Open Space				
Use (MMBTU)	53	81	71	75
%Diff from Baseline		51.87%	33.95%	40.75%
Street/Traffic Lights				
Use (MMBTU)	390	149	149	149
%Diff from Baseline		-61.71%	-61.75%	-61.76%
Vehicle				
Use (MMBTU)	7,318	6,816	6,829	6,766
%Diff from Baseline		-6.86%	-6.67%	-7.55%
Water/Sewer				
Use (MMBTU)	3,664	3,284	3,527	3,564
%Diff from Baseline		-10.37%	-3.74%	-2.73%
Adjustments				
Building Stock Changes	-88	-1,599	-1,512	-1,486
Regional School Districts				
Totals	66,894	57,285	59,814	59,943
% Diff from Baseline		-14.4%	-10.6%	-10.4%

Energy Conservation Measures (ECMs)

Changes made to the community's ECM record for FY2025

Location	ECM Name	Status	Start Date	End Date
Medfield	Solar Canopy	Active	6/1/2025	8/29/2025
Administration	EMS	Planned	9/1/2026	11/9/2026
Town Hall	Roof repairs	Planned	10/1/2025	1/1/2026
Town Hall	Exterior Envelope Sealant Replacement	Planned	1/20/2025	11/9/2026
Town Hall	HW heater replacement	Planned	6/1/2024	9/1/2024
Town Hall	AHU (Air Handling Unit) repairs	Planned	6/1/2024	9/1/2024
Town Hall	fan coil units (repair/replace)	Planned	6/1/2024	11/1/2024

Location	ECM Name	Status	Start Date	End Date
Town Hall	Chiller Plant Recommissioning	Planned	1/20/2024	11/8/2027
Town Hall	Exhaust Fan Repair	Planned	1/20/2024	
Town Hall	Exhaust Fan Repair	Planned	12/1/2023	6/1/2024
Town Hall	Exterior Envelope Façade Repairs	Planned	6/1/2023	10/1/2024
Town Hall	study for heat pumps	Active	1/15/2023	6/1/2023
Town Hall	fan coil units (repair/replace)	Active	1/26/1900	
Council on Aging	Building Envelope Repair	Planned	1/20/2024	
Fuel	Anti-Idling Policy	Planned		
Fuel	Anti-Idling Policy	Planned		
Library				
Library	Extrior sealant repair	Planned	9/1/2027	
Library	Brick Façade Engineering/Repair	Planned	9/1/2027	
Library	ATC Controls Upgrade	Planned	9/1/2026	
Library	EPDM Roof Engineering/Repair	Planned	9/1/2025	
Library	Heat pump RTUs	Planned	10/25/2024	11/15/2024
Schools				
Blake Middle	Replace windows at curtain wall café	Planned	6/15/2027	
Blake Middle	Behavioral Based Measures	Planned	10/1/2026	
Blake Middle	brick façade repair	Planned	1/25/2026	
Blake Middle	Replace sealants at Windows/Doors	Planned	1/24/2026	
Blake Middle	Brick Façade Repair Engineering	Planned	1/20/2026	
Blake Middle	brick façade repair	Planned	1/20/2026	
Blake Middle	Replace windows at curtain wall café	Planned	1/20/2025	
Blake Middle	Roof Top Units Repair	Planned	1/20/2025	
Blake Middle	Replace Shut Off Valves	Planned	1/20/2025	
Blake Middle	VFDs	Planned	3/15/2024	6/28/2024
Blake Middle	Replace sealants at Windows/Doors	Planned	1/20/2024	
Medfield High	window weatherstripping	Planned	1/15/2027	
Medfield High	EMS	Planned	6/1/2026	
Medfield High	Brick Façade Repair	Planned	1/26/2026	
Medfield High	Remove Shower Heads	Planned	1/26/2026	
Medfield High	Window repair	Planned	1/26/2026	
Medfield High	Exterior door replacement	Planned	7/1/2025	
Medfield High	Behavioral Based Measures	Planned	1/24/2025	
Medfield High	Window sealant replacement	Planned	1/20/2025	
Medfield High	boiler replacement	Planned	1/20/2025	
Medfield High	window weatherstripping	Planned	1/20/2024	
Medfield High	Rooftop Units (RTU) Repair	Active	9/15/2023	10/30/2023
Medfield High	Replace Shut Off Valves	Active	9/15/2023	

Location	ECM Name	Status	Start Date	End Date
Medfield High	Air Handling Units (replace/repair)	Active	9/15/2023	
Medfield High	Brick Façade Repair	Planned	1/20/2023	
Medfield High	Window repair	Planned	1/20/2023	
Medfield High	Envelope sealant replacement	Planned	1/20/2023	
Medfield High	Air Handling Units (replace/repair)	Planned	1/20/2022	
Medfield High	Rooftop Units (RTU) Repair	Planned	1/20/2022	
Medfield High	Replace Shower Head	Planned	1/20/2022	
Medfield High	Exterior door replacement	Planned	1/20/2022	
Medfield High	Replace Shut Off Valves	Planned	1/20/2022	
Memorial Elementary	Solar PV canopy over the parking area	Active	6/1/2025	
Memorial Elementary	Johnson Controls BMS Upgrade	Planned	1/20/2025	
Memorial Elementary	Roof Top Units Repair	Planned	1/20/2025	
Memorial Elementary	VFDs 2 x 7.5 HP pump motors	Planned	6/1/2024	
Memorial Elementary	Roof Top Units Repair	Active	9/15/2023	
Memorial Elementary	Scoping study for electrification	Active	12/1/2022	
Memorial Elementary	low flow aerators	Planned	1/26/1900	
Memorial Elementary	Roof Top Units Repair	Active	1/26/1900	
Memorial Elementary	EMS	Planned		
Memorial Elementary	EMS	Planned		
Wheelock Elementary	electrical upgrades	Planned	1/20/2027	
Wheelock Elementary	replace pneumatic temp controls	Planned	9/1/2025	
Wheelock Elementary	Replace Shut Off Valves	Planned	1/20/2024	
Wheelock Elementary	Replace Tempering Valves	Planned	1/19/2024	
Wheelock Elementary	replace values to FanCoils Units	Planned	1/10/2024	
Wheelock Elementary	fan coil units (repair/replace)	Active	11/1/2023	
Wheelock Elementary	Exhaust Fan Replacement	Active	11/1/2023	
Wheelock Elementary	Replace Tempering Valves	Active	1/26/1900	
Wheelock Elementary	Exhaust Fan Replacement	Active		
Wheelock Elementary	Replace Shut Off Valves	Active		

### Top 5 Buildings per Energy Use

*In FY2025, municipal operations used 59,943 MMBtu of energy. The five buildings below accounted for 64% of the community's overall energy use.*

Building Name	Energy Consumption MMBtu (% of overall energy use)
1. Blake Middle	12,483 (21%)
2. Medfield High	11,310 (19%)
3. Wheelock Elementary	5,523 (9%)
4. Dale Street Elementary	5,117 (9%)
5. Garage	3,881 (6%)

### Top 5 Buildings per Emissions

In FY2025, there were 3,496 MTCO2e emitted from municipal operations. The five buildings below accounted for 62% of the community's overall emissions.

Building Name	Emissions MTCO2e (% of overall emissions)
1. Blake Middle	700 (20%)
2. Medfield High	661 (19%)
3. Wheelock Elementary	305 (9%)
4. Dale Street Elementary	281 (8%)
5. Memorial Elementary	215 (6%)

Top 5 Buildings per Energy Use Intensity (EUI)

Energy Use Intensity (EUI) is calculated by dividing the total energy consumed by the building in a year by the building's square footage. EUI is a measure of a building's energy efficiency – like miles per gallon for cars – and can be a good indicator of buildings needing efficiency upgrades.

Building Name	Size (Square Feet)	Energy Consumption MMBtu	EUI (kBtu per ft <sup>2</sup> )
1. Wastewater Treatment Plant	15,219	3,750	246
2. Dale Street Elementary	48,166	5,117	106
3. Public Safety	28,080	2,948	105
4. Garage	38,873	3,881	100
5. Blake Middle	138,926	12,483	90

Energy Narrative:

The Town of Medfield has been a Green Community for 10 years and to date is using 10% less energy than in our baseline year, 2015. (59943 MMBTus in FY25, vs 66894 MMBTus in FY15). Buildings are by far the dominant factor in Medfield's energy efficiency, accounting for 85% of the town's energy use and Green House Gas emissions. Energy conservation measures have focused primarily on buildings in the recent past, and will continue to do so as there are plenty of good projects throughout Medfield's buildings.

The High School is a consistently high energy user, 11,310 MMBTus in FY25, accounting for 19% of the town's total energy use and GHGs. We are scoping replacing RTUs at the high school for our next Green Communities Grant project. In addition, we installed VFDs on the two 25 HP pump motors at MHS with part of our last GCGrant; the positive impact of the drives is only partially shown in the FY25 data. The full 100,000 kWh reduction should appear in our FY26 report.

The Blake Middle School is the highest energy user at 12,483 MMBTus, or 21% of the total town. A portion of the Blake's roof, having been replaced, now hosts a 122.88 kW solar array which just came on line towards the end of FY25. During FY26, a full year of solar PV production will help reduce the Blake's carbon footprint. This is indicative of a town strategy to use Solar PV where ever possible to help reduce carbon emissions - the Memorial Elementary School, with the fifth highest emissions in town (215 MTCO2) has a 374.4 kW solar parking canopy that is under construction and just coming online. As the town replaces roofs on schools, it plans to follow new roofs closely with added solar arrays.

The garage is the 5th largest energy consuming facility at 3,881 MMBTus and also has a high EUI at 100 MMBTus per square foot. The garage hosts a 216.5 kW solar array that helps offset energy use.

The Dale Elementary School, though small at 48,166 square feet, makes the list of highest energy use (5,117 MMBTus), highest emissions (281 MTCO2) and highest EUI (106). The Dale is an old, drafty building which is being redesigned. The new school will be voted on in 2027 - should it move forward, it will likely be online in about 2033. The special election

and override that will be needed to move forward with the new Dale School, is seen by the town has an opportunity to address projects from its sizable backlog of capital projects.

Medfield's Waste Water Treatment Plant has the highest EUI in town at 246 MMBTus/square foot. Several important capital improvements for the WWTP are being bundled together and included in the 2027 override vote. So estimated project completion will be later - 2029 - 2030.

The Wheelock Elementary School is the third highest energy consumer at 5523 MMBTus, or 9% - similar to the Dale. The biggest difference is the Wheelock is almost double the size of the Dale. The Wheelock now has heat pump domestic hot water and we will continue to look for opportunities to save energy there.

The Public Safety Building makes the list of top energy intensity facilities, at 105 MMBTus per square foot - we are looking into this, as it is a newer building, opened in 2017. There have been complaints about the boiler, which we are investigating. Also, it stands to reason that as a 24/7 facility, the public safety building will have a higher EUI, since there is not times when you can revert to a set back temperature to save energy. The public safety building is always on.

Last but not least, the Town of Medfield has a very active, sizable volunteer energy committee. Medfield Energy Comission or MEC, meets monthly and has an impressive roster of professionals interested in helping the town save energy. This group is working on Climate Leader status, hosts EV Ride and Drives, engages and polls the town on sustainability matters, has authored a Climate Action Plan, is helping with design for the new school to assure it is energy efficient, and more. Medfield is fortunate to have so many talented volunteers to tap. Also, the town has been awarded a MASSAVE Municipal Energy Manager grant and plans to hire someone in the near future. Additional "Boots on the Ground" will help the town pursue even more energy saving work.

One final note, the Pfaff Center, that is currently off line, is still heated at set back levels, per instructions from the town's insurer. The Rec staff is working out of rented offices in a local church for the time being, while the town considers its options.

Criterion 4: Fuel Efficient Vehicles

Fleet Changes for FY2025

Criterion 4 requires all departments within a Green Community to purchase fuel-efficient vehicles for municipal use, whenever such vehicles are commercially available and practicable.

Status	Model Year	Make	Model	Trim
Added +		Motorcycle		
Added +		Trailer		
Added +		Unable to Decode		
Added +		Unable to Decode		
Added +		Unable to Decode		
Added +	2024	Dodge	Durango	Pursuit
Added +	2024	Ford	E-Series	E-450 SD
Added +	2024	Ford	F-350 Super Duty	
Added +	2025	Chevy	Tahoe	Pursuit

Status	Model Year	Make	Model	Trim
Removed -		Unable to Decode		
Removed -		Unable to Decode		
Removed -		Unable to Decode		
Removed -		Unable to Decode		
Removed -		Unable to Decode		
Removed -	2012	Ford	Explorer	XLT
Removed -	2012	Ford	F-250 Super Duty	
Removed -	2014	Ford	Explorer	Police Interceptor Utility
Removed -	2020	Chevrolet	Tahoe	Police

Has the municipality transferred any vehicles from one department to another? No

### Criterion 5: Stretch Code Adoption

*Criterion 5 requires that municipalities minimize the life-cycle cost of all newly constructed homes and buildings. DOER recommends communities do this by adopting the Stretch Code (225 CMR 22 and 23).*

Is Stretch Code still in effect? Yes

Has the community adopted the Specialized Opt-in Stretch Code? No

How many occupancy permits were issued for new commercial construction over 100,000 sq.ft.? 0

#### Stretch Code Narrative:

Medfield is working on passing the Specialized Stretch code, however it is a long and difficult process educating people around town. Despite this, the town is still working to move the specialized code forward, with an eye to becoming a climate leader community.

### Other Notes

#### Additional Measures Narrative:

Please see energy narrative for all updates.

#### Renewable Energy Narrative:

During FY25 Medfield generated and consumed 987,059 kWh of solar PV. This equals 6.4% of the town's total energy use. All solar is net metering. It is worth noting that there are more solar projects in the works and several came on line during 2025, so this fraction will grow in future.

The report must be signed by the community's Chief Executive Officer. The Chief Executive Officer is defined as the manager in any city having a manager and in any town having a city form of government, the mayor in any other city, and the board of selectmen in any other town unless some other officer or body is designated to perform the functions of a chief executive officer under the provisions of a local charter or laws having the force of a charter. Any signatures of designees will be considered an attestation that the signatory has been designated the designee by the municipality.

**I confirm that I have reviewed this report and verify all information is true.**

Kristine Thierweiler

Print Name

Town Administrator

Title

  
(Assistant Town Administrator)

on behalf of

Kristine Thierweiler Signature

11/04/2025

Date