

COLONIAL ENGINEERING INC.
SURVEYING AND CONSULTING

11 AWL STREET
MEDWAY, MA. 02053
508-533-1644
colonial.eng@verizon.net

June 24, 2026

Medway Conservation Commission
155 Village Street
Medway, Ma. 02053

Re: Septic Design for 50 Milford Street

Dear Board Members,

Please accept this application for the owners of 50 Milford Street, to repair a failed system. The system is a conventional system containing, 1500 gal. septic tank, 1000 gal. pump chamber, d-box and s.a.s.. All work is on an existing lawn. We are within River Front Area and buffer zones to the wetlands line. Erosion control will be installed to prevent silt runoff entering into the wetlands.

Thank You
Paul DeSimone

Commission Members
David Travalini, Chair
Ken McKay
David Blackwell
Dayna Gill
Sean Green
James Dacier
Rebekah Mitchell



Medway Town Hall
155 Village Street
Medway, MA 02053
Telephone (508) 533-3292
bgraziano@medwayma.gov

TOWN OF MEDWAY
COMMONWEALTH OF MASSACHUSETTS
CONSERVATION COMMISSION

WAIVER

"Please complete this form, sign at the bottom and return by mail or fax to the address indicated above."

Date: 6/23/26

I, Paul DeSimone hereby waive the twenty-one day time period for a public
hearing / meeting / or decision following receipt of my filing of;
Name of Applicant or Representative

- ☒ **Notice of Intent**
☐ **Request for Determination of Applicability**
☐ **Tree Preservation Bylaw Application - Decision**
☐ **Other** _____

by the Medway Conservation Commission under Massachusetts General Laws, Ch. 131, sec. 40 and the
Medway General Wetlands Bylaw Article 21 and/or the Medway General Bylaw Article 31.

The request was submitted on: 6/23/26 for work at: 50 Milford Street
Date Received in Conservation Dept. Location / Address of where work will be done

Please be advised that you will be notified of the meeting date, once this application has been assigned to a
Conservation Meeting Agenda.

I am the: **Applicant**
Applicant's Representative
Property Owner


(Signature)
6/24/26
(Date)

Conservation Commission



155 VILLAGE STREET
MEDWAY, MASSACHUSETTS 02053
PHONE (508) 533-3292
bgraziano@townofmedway.org

"Please complete this form, sign at the bottom and return by mail or fax to the address indicated above."

Date:

I, Paul Molla

Name of Property Owner

hereby give the Medway Conservation Commission
and/or it's Agent permission

to enter my property in order to complete the site visit which is required for the review of one of the
following applications;

- ☒ Notice of Intent
- ☐ Request for Determination of Applicability
- ☐ Other _____

by the Medway Conservation Commission under Massachusetts General Laws, Ch. 131, sec. 40, and/or
under Medway General Bylaws, Article XXI and its regulation . The request is made by -
50 Milford Street LLC, who is the applicant for this project and/or the rightful property owner.

The request was submitted on: 06/24/2026 for work at: 50 Milford Street
Date Received in Conservation Dept. Location / Address of where work will be done

Please be advised that you will be notified of the meeting date, once this application has been assigned to
a Conservation Meeting Agenda.

I am the: ☒ Property Owner

Paul D Molla
(Signature)

06/24/2026

(Date)



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Medway

City/Town

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

50 Milford Street

a. Street Address

Medway

b. City/Town

02053

c. Zip Code

Latitude and Longitude:

46

f. Assessors Map/Plat Number

-71.446463

d. Latitude

42.145611

e. Longitude

017

g. Parcel /Lot Number

2. Applicant:

a. First Name

50 Milford Street LLC

b. Last Name

c. Organization

50 Milford Street

d. Street Address

Medway

MA

f. State

02053

g. Zip Code

e. City/Town

508-726-0829

h. Phone Number

i. Fax Number

j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

a. First Name

b. Last Name

c. Organization

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

a. First Name

Colonial Engineering Inc.

b. Last Name

c. Company

11 Awl Street

d. Street Address

Medway

MA

f. State

02053

g. Zip Code

e. City/Town

508-533-1644

h. Phone Number

i. Fax Number

colonial.eng@verizon.net

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$165.00

a. Total Fee Paid

\$70.00

b. State Fee Paid

\$95.00

c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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A. General Information (continued)

6. General Project Description:

Septic Repair. Adding a new tank, d-box and sas.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. ☒ Single Family Home | 2. ☐ Residential Subdivision |
| 3. ☐ Commercial/Industrial | 4. ☐ Dock/Pier |
| 5. ☐ Utilities | 6. ☐ Coastal engineering Structure |
| 7. ☐ Agriculture (e.g., cranberries, forestry) | 8. ☐ Transportation |
| 9. ☐ Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR 10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

a. County

b. Certificate # (if registered land)

c. Book

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- ☒ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- ☐ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



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Bureau of Resource Protection - Wetlands

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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Bank	1. linear feet	2. linear feet
b. ☐ Bordering Vegetated Wetland	1. square feet	2. square feet
c. ☐ Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. ☐ Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced

f. ☒ Riverfront Area

1. Name of Waterway (if available) - **specify coastal or inland**

2. Width of Riverfront Area (check one):

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☒ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: 33,425 S.F.
square feet

4. Proposed alteration of the Riverfront Area:

<u>4,739 S.F.</u>	<u>0 S.F.</u>	<u>4,739 S.F.</u>
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes ☒ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☒ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



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City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. ☐ Land Under the Ocean	1. square feet _____ 2. cubic yards dredged _____	
c. ☐ Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. ☐ Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. ☐ Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. ☐ Coastal Banks	1. linear feet _____	
g. ☐ Rocky Intertidal Shores	1. square feet _____	
h. ☐ Salt Marshes	1. square feet _____	2. sq ft restoration, rehab., creation _____
i. ☐ Land Under Salt Ponds	1. square feet _____	
	2. cubic yards dredged _____	
j. ☐ Land Containing Shellfish	1. square feet _____	
k. ☐ Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged _____	
l. ☐ Land Subject to Coastal Storm Flowage	1. square feet _____	
4. ☐ Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here. a. square feet of BVW _____ b. square feet of Salt Marsh _____	
5. ☐ Project Involves Stream Crossings	a. number of new stream crossings _____ b. number of replacement stream crossings _____	



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C. Other Applicable Standards and Requirements

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- a. ☐ Yes ☒ No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

b. Date of map _____

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

c. Submit Supplemental Information for Endangered Species Review*

1. ☐ Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage _____

(b) outside Resource Area

percentage/acreage _____

2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

- (a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)
- (b) ☐ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <https://www.mass.gov/mas-endangered-species-act-mesa-regulatory-review>).

Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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C. Other Applicable Standards and Requirements (cont'd)

- (c) ☐ MESA filing fee (fee information available at <https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review>).

Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

- (d) ☐ Vegetation cover type map of site
- (e) ☐ Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, <https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat>; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing.

a. NHESP Tracking #

b. Date submitted to NHESP

3. ☐ Separate MESA review completed.

Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

- a. ☒ Not applicable – project is in inland resource area only b. ☐ Yes ☐ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Bourne to Rhode Island border, and the Cape & Islands:

North Shore - Plymouth to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

- c. ☐ Is this an aquaculture project? d. ☐ Yes ☒ No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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Medway

City/Town

C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. ☐ Yes ☒ No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. ☐ Yes ☒ No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. ☐ A portion of the site constitutes redevelopment
 3. ☐ Proprietary BMPs are included in the Stormwater Management System.
- b. ☒ No. Check why the project is exempt:
1. ☒ Single-family house
 2. ☐ Emergency road repair
 3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☐ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☐ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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Medway

City/Town

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☐ List the titles and dates for all plans and other materials submitted with this NOI.

Proposed Sewage Disposal System 50 Milford Street Medway, MA. 02053

a. Plan Title

Colonial Engineering Inc.

Paul E. Saulnier PE

b. Prepared By

c. Signed and Stamped by

1:20

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

06/17/2026

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. ☐ Attach NOI Wetland Fee Transmittal Form
9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

321

6/24/26

2. Municipal Check Number

3. Check date

322

6/24/26

4. State Check Number

5. Check date

50 MILFORD STREET LLC

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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Medway

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

3. Signature of Property Owner (if different)

5. Signature of Representative (if any)

2. Date

4. Date

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

50 Milford Street

a. Street Address

Medway

b. City/Town

c. Check number

d. Fee amount

2. Applicant Mailing Address:

a. First Name

50 Milford Street LLC

b. Last Name

c. Organization

50 Milford Street

d. Mailing Address

Medway

MA

02053

e. City/Town

f. State

g. Zip Code

508-726-0829

h. Phone Number

i. Fax Number

j. Email Address

3. Property Owner (if different):

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 1e	1	\$165	\$165
Step 5/Total Project Fee:			\$165

City/Town share of filling Fee:

c. $\frac{1}{2}$ Total Fee plus \$12.50

Page 2 of 2

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: 50 Milford Street City/Town: Medway Sampling Date: 5/16/26
 Applicant/Owner: Milford Street LLC Sampling Point or Zone: between 2 - 3 Upland
 Investigator(s): Karon Skinner Catrone Latitude / Longitude: 42.155140/-71.395069
 Soil Map Unit Name: Deerfield/Swansea NWI or DEP Classification: _____

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? (If yes, explain in Remarks)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc.

Wetland vegetation criterion met?	Yes ☐ No ☒	Is the Sampled Area within a Wetland?	Yes ☐ No ☒
Hydric Soils criterion met?	Yes ☐ No ☒		
Wetlands hydrology present?	Yes ☐ No ☒		
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes ☐ No ☒	Depth (inches) _____
Water Table Present?	Yes ☐ No ☒	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes ☐ No ☒	Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
☐ Water-stained leaves ☐ Evidence of aquatic fauna ☐ Iron deposits ☐ Algal mats or crusts ☐ Oxidized rhizospheres/pore linings ☐ Thin muck surfaces ☐ Plants with air-filled tissue (aerenchyma) ☐ Plants with polymorphic leaves ☐ Plants with floating leaves ☐ Hydrogen sulfide odor	☐ Hydrological records ☐ Free water in a soil test hole ☐ Saturated soil ☐ Water marks ☐ Moss trim lines ☐ Presence of reduced iron ☐ Woody plants with adventitious roots ☐ Trees with shallow root systems ☐ Woody plants with enlarged lenticels	☐ Direct observation of inundation ☐ Drainage patterns ☐ Drift lines ☐ Scoured areas ☐ Sediment deposits ☐ Surface soil cracks ☐ Sparsely vegetated concave surface ☐ Microtopographic relief ☐ Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):		

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size _____			
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.		☐		☐	☐
2.		☐		☐	☐
3.					
4.					
5.					
6.					
7.					
8.					
9.					
		0.0 = Total Cover			
<u>Shrub/Sapling Stratum</u>		Plot size _____			
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
		0.0 = Total Cover			
<u>Herb Stratum</u>		Plot size _____			
Common name	Scientific name	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
1. Grass	Echinochloa crusgalli	FACU	20.5	Yes	No
2. Plantain	Plantago major	FACU	10.5	Yes	No
3. Dandelion	Taraxacum officinale	FACU ☐	10.5	No	No ☐
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
		41.5 = Total Cover			

VEGETATION – continued.

Woody Vine Stratum		Plot size	Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name					
1. Bittersweet	Celastrus orbiculatus		FACU ☐	10.5	Yes ☐	No ☐
2.						
3.						
4.						
				10.5	= Total Cover	

Rapid Test:		Do all dominant species have an indicator status of OBL or FACW?		Yes ☐	No ☒
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species?	
	3	0		Yes ☐ No ☒	
Prevalence Index:		Total % Cover (all strata)	Multiply by:	Result	
	OBL species		X 1	= 0.00	
	FACW species		X 2	= 0.00	
	FAC species		X 3	= 0.00	
	FACU species	4	X 4	= 16.00	
	UPL species		X 5	= 0.00	
	Column Totals	(A) 4		(B) 16	
Prevalence Index		B/A = 4.00		Is the Prevalence Index ≤ 3.0?	
				Yes ☐ No ☒	
Wetland vegetation criterion met?		Yes ☐ No ☒			

Definitions of Vegetation Strata

- Tree - Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub / Sapling - Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb - All herbaceous (non-woody plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines - All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.0 %
6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

Sampling Point ^{between 2 - 3 Upland}

Form Revised July 2023

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: 50 Milford Street City/Town: Medway Sampling Date: 5/16/26
 Applicant/Owner: _____ Sampling Point or Zone: between 2 - 3 wet
 Investigator(s): Karon Skinner Catrone Latitude / Longitude: 42.155140/-71.395069
 Soil Map Unit Name: Deerfield/Swansea NWI or DEP Classification: _____

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ significantly disturbed? (If yes, explain in Remarks)

Are Vegetation ☐, Soil ☐, or Hydrology ☐ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc.

Wetland vegetation criterion met?	Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Hydric Soils criterion met?	Yes ☒ No ☐	
Wetlands hydrology present?	Yes ☒ No ☐	
Remarks, Photo Details, Flagging, etc.:		

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes ☒ No ☐	Depth (inches) _____
Water Table Present?	Yes ☒ No ☐	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes ☒ No ☐	Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
☐ Water-stained leaves ☐ Evidence of aquatic fauna ☐ Iron deposits ☐ Algal mats or crusts ☐ Oxidized rhizospheres/pore linings ☐ Thin muck surfaces ☐ Plants with air-filled tissue (aerenchyma) ☐ Plants with polymorphic leaves ☐ Plants with floating leaves ☐ Hydrogen sulfide odor	☒ Hydrological records ☐ Free water in a soil test hole ☒ Saturated soil ☐ Water marks ☐ Moss trim lines ☐ Presence of reduced iron ☐ Woody plants with adventitious roots ☐ Trees with shallow root systems ☐ Woody plants with enlarged lenticels	☒ Direct observation of inundation ☐ Drainage patterns ☐ Drift lines ☐ Scoured areas ☐ Sediment deposits ☐ Surface soil cracks ☐ Sparsely vegetated concave surface ☐ Microtopographic relief ☐ Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):		

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size _____		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Red Maple	Acer rubrum	FAC	☐	20.5	Yes	☐	Yes ☐
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
				<u>20.5</u> = Total Cover			
<u>Shrub/Sapling Stratum</u>		Plot size _____		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Buckthorn	Rhamnus frangula	FAC	☐	20.5	Yes	☐	Yes ☐
2. Arrow-wood	Redtwig dogwood	Viburnum dentatum	FAC	☐	10.5	No	☐
3.			☐			☐	☐
4.							
5.							
6.							
7.							
8.							
9.							
				<u>31.0</u> = Total Cover			
<u>Herb Stratum</u>		Plot size _____		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name	Scientific name						
1. Skunk cabbage	Symplocarpus foetidus	OBL	☐	20.5	Yes	☐	Yes ☐
2. Jewelweed	Impatiens capensis	FACW		10.5	Yes	☐	Yes ☐
3. Poison ivy	Taxicodendron radicans	FAC	☐	10.5	No	☐	Yes ☐
4.			☐			☐	☐
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
				<u>41.5</u> = Total Cover			

VEGETATION – continued.

<u>Woody Vine Stratum</u>		Plot size _____		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.				☐		☐	☐
2.							
3.							
4.							
				0.0 = Total Cover			

Rapid Test: Do all dominant species have an indicator status of OBL or FACW? Yes ☒ No ☐				
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes ☒ No ☐
	4	4		
Prevalence Index:		Total % Cover (all strata)	Multiply by:	Result
	OBL species	1	X 1	= 1.00
	FACW species	1	X 2	= 2.00
	FAC species	4	X 3	= 12.00
	FACU species		X 4	= 0.00
	UPL species		X 5	= 0.00
	Column Totals	(A) 6		(B) 15
Prevalence Index		B/A = 2.50		Is the Prevalence Index ≤ 3.0? Yes ☒ No ☐
Wetland vegetation criterion met? Yes ☒ No ☐				

Definitions of Vegetation Strata

- Tree - Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub / Sapling - Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb - All herbaceous (non-woody plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines - All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
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6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

SOIL

Sampling Point between 2 - 3 wet

[illegible]

Appendix A: Wetlands Filing Fee Calculation Worksheets

Form A-1: Project Categories and Fees

for Notice of Intent (NOI) filed under the Medway General Bylaws Article XXI

The By-Law filing fees are in addition to State filing fees outlined by MA DEP in WPA Form 3 - Notice of Intent and its instructions. Two separate checks must be made payable to the Town of Medway: (1) the town share of the State fee and (2) the By-Law fee charged by the Town. As in DEP WPA Form 3, a separate check for the state share of the State filing fee is made payable to the Commonwealth of MA and sent to the MA DEP.

NOTE: At both the State and Town levels, a separate fee is charged for each proposed activity (and such activities are defined by the State regulations). For example, an NOI seeking an Order of Conditions for an addition to a single family dwelling and for a swimming pool, both in jurisdictional areas and Category 1 activities would have a By-Law fee to Medway of \$500.00 for two Category 1 activities.

Category 1

For each activity, By-Law fee is \$250.00
plus State fee as per WPA Form 3 (\$110)

- a. Work on single family lot; addition, pool, etc.
- b. Site work without a house
- c. Control vegetation
- d. Resource improvement
- e. Work on septic system separate from house
- f. Monitoring well activities minus roadway
- g. New agricultural or aquaculture projects

Category 2

For each activity, By-Law fee is \$1,000.00
plus State fee as per WPA Form 3 (\$500)

- a. Construction of single family house
- b. Parking lot
- c. Beach nourishment
- d. Electric generating facility activities
- e. Inland limited projects minus road crossings and agriculture
- f. Each crossing for driveway to single family house
- g. Each project source (storm drain) discharge
- h. Control vegetation in development
- i. Water level variations
- j. Any other activity not in Category 1, 3, 4, 5 or 6
- k. Water supply exploration

Category 3

For each activity, By-Law Fee is \$2,000.00
plus State fee as per WPA Form 3 (\$1,050)

- a. Site preparation (for development) beyond Notice of Intent scope
- b. Each building (for development) including site
- c. Road construction, not crossing or driveway
- d. Hazardous cleanup
- e. Water supply development

Category 4

For each activity, By-Law fee is \$3,000.00
plus State fee as per WPA Form 3 (\$1,450)

- a. Each crossing for development or commercial road
- b. Dam, sluiceway, tidegate (safety) work
- c. Landfills, operations/closures
- d. Sand and gravel operations
- e. Railroad line construction
- f. Bridge
- g. Hazardous waste alterations to resource areas
- h. Dredging
- i. Package treatment plant and discharge
- j. Airport tree clearing
- k. Oil and/or hazardous material release response actions

Category 5

By-Law Fee for each activity is \$1,500.00
plus State fee as per WPA Form 3

- a. Docks, piers, revetments, dikes, etc. (costal or inland)

Category 6

By-Law Fee is \$1.50 per linear foot for a single family house project (no maximum) and a maximum of \$2,000.00 for any other activity
plus State fee as per WPA Form 3

- a. Boundary delineations for wetlands resources

Notification to Abutters

By Hand Delivery, Certified Mail (return receipt requested), or Certificates of Mailing

This is a notification required by law. You are receiving this notification because you have been identified as the owner of land abutting another parcel of land for which certain activities are proposed. Those activities require a permit under the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40).

In accordance with the second paragraph of the Massachusetts Wetlands Protection Act, and 310 CMR 10.05(4)(a) of the Wetlands Regulations, you are hereby notified that:

- A. A Notice of Intent was filed with the Medway Conservation Commission on 06-24-2026 seeking permission to remove, fill, dredge, or alter an area subject to protection under M.G.L. c. 131 §40. The following is a description of the proposed activity/activities:

Proposed septic system repair. Adding a Septic Tank, D-box and SAS.

- B. The name of the applicant is: 50 Milford Street LLC.
- C. The address of the land where the activity is proposed is: 50 Milford Street Medway, MA. 02053.
- D. Copies of the Notice of Intent may be examined or obtained at the office of the Medway Conservation Commission, located at 155 Village Street, Medway MA, 02053. The regular business hours of the Commission are Monday 8am-5:30pm, Tuesday-Thursday 8am-4:30pm, and Friday 8am-12pm. The Commission may be reached at 508-533-3292.
- E. Copies of the Notice of Intent may be obtained from the applicant or her representative by calling Colonial Engineering Inc. at 508-533-1644. An administrative fee may be applied for providing copies of the NOI and plans.
- F. Information regarding the date, time, and location of the public hearing regarding the Notice of Intent may be obtained from the Medway Conservation Commission. Notice of the public hearing will be published at least five business days in advance, in the local newspaper.

Notification provided pursuant to the above requirement does not automatically confer standing to the recipient to request Departmental Action for the underlying matter. See 310 CMR 10.05(7)(a)4.

Unofficial Property Record Card - Medway, MA

General Property Data

Parcel ID **46-017**
 Prior Parcel ID **2 -22D-**
 Property Owner **SMITH FRANCIS E**
SMITH CAROLYN M
 Mailing Address **50 MILFORD ST.**

City **MEDWAY**
 Mailing State **MA** Zip **02053**
 ParcelZoning **AR-1**

Account Number **2-22D**
 Property Location **50 MILFORD ST**
 Property Use **ONE FAMILY**
 Most Recent Sale Date **12/17/1968**
 Legal Reference **04564-278**
 Grantor **N/A**
 Sale Price **0**
 Land Area **1.010 acres**

Current Property Assessment

Card 1 Value Building Value **274,600**

Xtra Features
Value **0**

Land Value **248,400**

Total Value **523,000**

Building Description

Building Style **COLONIAL**
 # of Living Units **1**
 Year Built **1969**
 Building Grade **Average**
 Building Condition **Average**
 Finished Area (SF) **1632**
 Number Rooms **8**
 # of 3/4 Baths **0**

Foundation Type **CONCRETE**
 Frame Type **Wood**
 Roof Structure **GABLE**
 Roof Cover **ASPHALT SHNG**
 Siding **Wood Shingle**
 Interior Walls **DRYWALL**
 # of Bedrooms **4**
 # of 1/2 Baths **1**

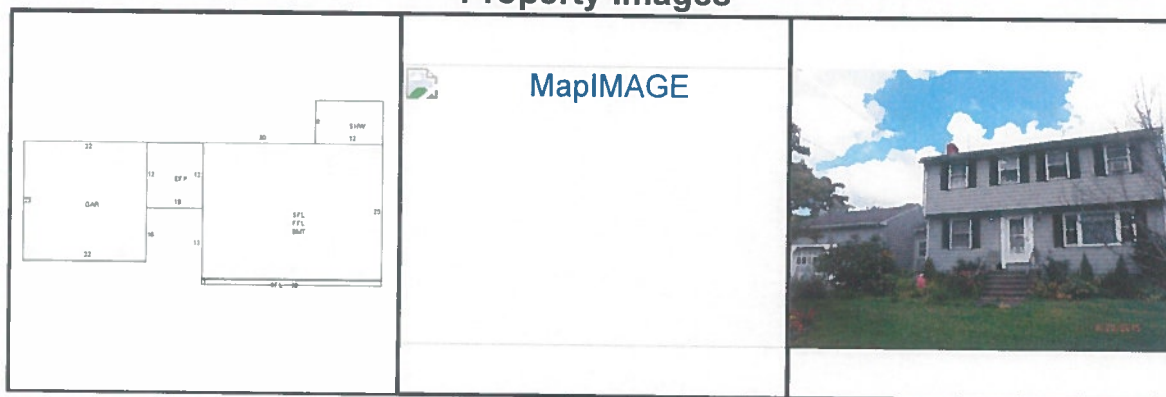
Flooring Type **Hardwood**
 Basement Floor **Concrete**
 Heating Type **FORCED H/W**
 Heating Fuel **GAS**
 Air Conditioning **0%**
 # of Bsmt Garages **0**
 # of Full Baths **1**
 # of Other Fixtures **0**

Legal Description

Narrative Description of Property

This property contains 1.010 acres of land mainly classified as ONE FAMILY with a(n) COLONIAL style building, built about 1969 , having Wood Shingle exterior and ASPHALT SHNG roof cover, with 1 unit(s), 8 room(s), 4 bedroom(s), 1 bath(s), 1 half bath(s).

Property Images



Disclaimer: This information is believed to be correct but is subject to change and is not warranted.

QUITCLAIM DEED

NOT
A N
O F F I C I A L
Witness my hand and seal this 4th day of February, 2026
C O P Y

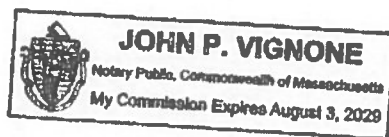

Linda C. Leontie, Personal Representative
of the Estate of Carolyn M. Smith

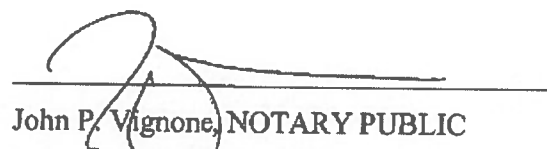
COMMONWEALTH OF MASSACHUSETTS

County of Norfolk

February 4, 2026

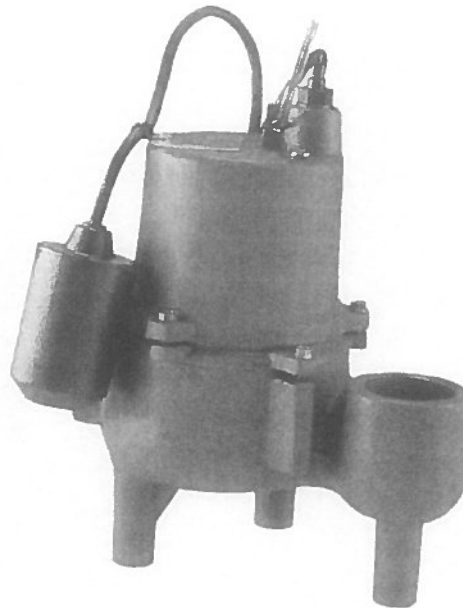
On this 4th day of February, 2026, before me, the undersigned notary public, personally appeared Linda C. Leontie, Personal Representative of the Estate of Carolyn M. Smith, proved to me through satisfactory evidence of identification, which was Drivers License, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that she signed it voluntarily for its stated purpose.




John P. Vignone, NOTARY PUBLIC
My commission expires: 8/3/2029

MYERS® SRM4 SERIES

The Myers® SRM4 series residential sewage pumps are considered by industry pros to be extremely reliable. The specially designed recessed impeller allows 2" solids to easily pass through without jamming. The cast iron housing and volute case handle the harshest conditions and will provide years of service. Automatic and manual operation models available.



APPLICATIONS

Sewage, high-capacity sump, effluent

SPECIFICATIONS

Capacities – 95 GPM (360 LPM)
Shut-off Head – 19' (5.8 m)
Solids Handling – 2" (50.8 mm)
Liquids Handling – Septic effluent and sewage
Intermittent Liquid Temperature – Up to 140°F (60°C)
Motor/Electrical Data – 4/10 HP, permanent split capacitor type, 115V, 12A, 1Ø, 60Hz; 230V, 6A, 1Ø, 60Hz
Acceptable pH Range – 5-9
Discharge, NPT – 2" (50.8 mm)
Housing – Heavy cast iron
Power Cord – 10' (20' optional)
Impeller – Recessed, thermoplastic
Volute Case – Cast iron
Shaft Seal – Type 11A, carbon and ceramic

FEATURES

Versatile Applications

Effective and efficient performance in septic tank sewage, effluent and high-capacity sump applications

Handles the Heat

High-endurance, oil-cooled motor for continuous bearing lubrication and critical heat dissipation

Powerful Torque

High-torque, permanent split capacitor (PSC) motor; no starting switches or relays to wear out

Motor Protection

Long-life carbon/ceramic seal provides extra protection against water leaks

Excess Heat Detection

Internal heat sensor provides overload protection; automatically resets when motor cools to a safe operating temperature

Free-flow Design

Recessed impeller design also improves the free flow of solids up to 2"

Longer Bearing Life

Recessed impeller reduces radial bearing loads, increasing bearing life

Automatic and Manual

Automatic tethered or vertical switch models (with piggyback plug), or manual operation models

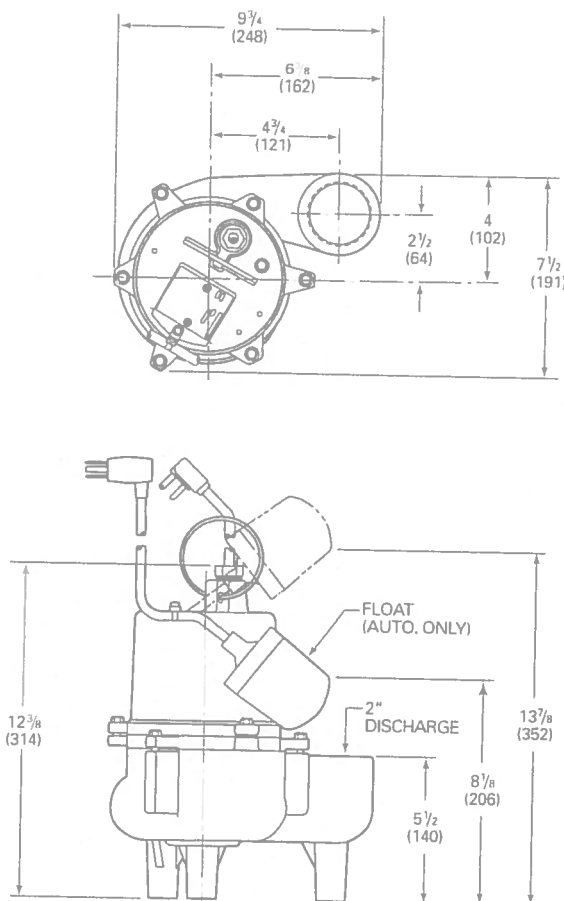
MYERS® SRM4 SERIES

ORDERING INFORMATION

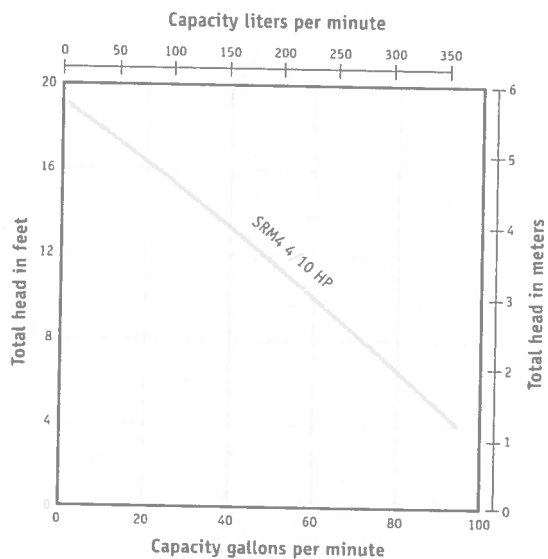
Catalog Number	HP	Volts	Phase/Cycles	Amps	Discharge Size	Switch Type	Cord Length	Approx. Wt. Lbs.
SRM4P-1	4/10	115	1/60	12	2"	Tethered Automatic*	10'	40
SRM4PC-1	4/10	115	1/60	12	2"	Tethered Automatic*	20'	40
SRM4M1C	4/10	115	1/60	12	2"	Manual	20'	39
SRM4PC-2	4/10	230	1/60	6	2"	Tethered Automatic*	20'	40
SRM4M2C	4/10	230	1/60	6	2"	Manual	20'	39
SRM4V-1	4/10	115	1/60	12	2"	Vertical Automatic*	20'	40
SRM4V-2	4/10	230	1/60	6	2"	Vertical Automatic*	20'	40

*Piggyback

DIMENSIONS



PUMP PERFORMANCE



MYERS[®] SRM4 SERIES

SPECIFICATIONS

Sewage Pumps – Pump(s) shall be Myers SRM4 series sewage pumps selected in accordance with the following design criteria:

Number of Pumps:	_____
Primary Design Flow:	_____
Primary Design Head:	_____
Minimum Shut-off Head:	19
Motor Horsepower:	4/10
Motor Speed:	1650 RPM
Electrical:	115 Volts, 1Ø, 60 Hz or 230 Volts, 1Ø, 60 Hz

Pump – The pump shall be designed to handle raw sewage and be capable of passing 2 inch spherical solids. The pump shall be capable of handling liquids with temperatures to 140°F intermittent.

Motor – The pump motor shall be of the submersible type rated 4/10 hp at 1650 RPM and shall be for _____ 115 volts or _____ 230 volts single phase, 60 cycles. Stator winding shall be of the open type with Class A insulation rated for 105°C maximum operating temperature. The winding housing shall be filled with clean dielectric oil to lubricate bearings and seals, and transfer heat from the windings to the outer shell. The motor winding assembly shall be pressed into the stator housing for best alignment and heat transfer.

The motor shall be capable of operating over the full range of the performance curve without overloading the motor and causing any objectionable noise or vibration. The motor shall have two bearings to support the rotor; an upper sleeve bearing to accommodate radial loads and a lower sleeve bearing with thrust pad to take thrust and radial loads.

A heat sensor thermostat and overload shall be attached to the top end of the motor windings and shall be wired in series with the windings to stop the motor if the motor winding temperature reaches 221°F. The overload thermostat shall reset automatically when the motor cools to a safe operating temperature.

Power Cord – The motor power cord shall be _____ 10 or _____ 20 feet SJTW/SJTW-A type. The cord shall have a molded compression grommet to insulate electrical connections. The grommet shall thread into the motor housing to provide a positive seal and to prevent leaking of liquid into the motor housing. The sealing grommet shall provide strain relief for the power cord assembly.

Optional Control Switch – The sewage pump shall be controlled by an optional piggyback float switch. The float switch shall be of a non-mercury type and be capable of directly controlling the pump motor without the need for an external control panel.

Shaft Seal – The motor shall be protected by a rotating mechanical shaft seal. The seals shall have carbon and ceramic seal faces lapped to a tolerance of one light band. Metal parts and springs for seals shall be stainless steel.

Pump Impeller – The pump impeller shall be of the non-clog type. The impeller shall be constructed of engineered thermoplastic.

Motor Castings – The motor housing castings shall be of high tensile strength Class 30 gray cast iron. Castings shall be treated with phosphate and chromate rinse and painted with a high quality air dry alkyd enamel for corrosion protection.

Pump Case – The pump case shall be a high efficiency volute design capable of passing 2 inch spherical solids. The pump volute shall be constructed of Class 30 gray cast iron.

Fasteners – All exposed fasteners shall be of stainless steel.

SEPTIC PUMP DESIGN CALCULATIONS

SYSTEM DATA

Pump Rate	53 gpm
D-Box Inlet Elevation	104.02
Dosing Tank Pump On	97.65
Pipe Diameter	2 inches

VELOCITY

Flow Velocity	5.41 fps
---------------	----------

HEAD LOSSES

Pipe Length	31 feet
Pipe C Value	130
Friction Loss	2.11
Minor Losses	

	K-Value	Loss (ft)
check valve	2.5	1.14
gate valve	0.19	0.17
90 bend	0.3	0.14
45 bend(5)	0.35	0.80
exit	1	0.45
Totals:	4.34	2.70

TOTAL DYNAMIC HEAD

Flow Rate	53 gpm
Friction Loss	2.11 feet
Minor Losses	2.70 feet
Total Head Loss	4.81 feet
Static Head	6.37 feet
Total Dynamic Head	11.2 feet

PUMP SELECTION

Myers SRM4



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

A. Facility Information

50 Mi. 1 fol 47. 22C

Map/Lot #

Zip Code

B. Site Information

1. (Check one) ☐ New Construction ☐ Upgrade

Source 201-1156

Soil Map Unit

Soil Series

Soil Limitations

3. Surficial Geological Report

Year Published/Source

Map Unit

Description of Geologic Map Unit:

4. Flood Rate Insurance Map

Within a regulatory floodway?

☐ Yes

☐ No

5. Within a velocity zone?

☐ Yes

6. Within a Mapped Wetland Area?

☐ Yes

If yes, MassGIS Wetland Data Layer:

7. Current Water Resource Conditions (USGS):

Month/Day/Year

Range: ☐ Above Normal

Normal

☐ Below Normal

8. Other references reviewed:
(Zone II, IWPA, Zone A, EEA Data Portal, etc.)



Commonwealth of Massachusetts
City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number: 1

Hole #

Date

Time

Weather

Latitude

Longitude

1. Land Use:

(e.g., woodland, agricultural field, vacant lot, etc.)

Vegetation

Surface Stones (e.g., cobbles, stones, boulders, etc.)

Slope (%)

Description of Location:

2. Soil Parent Material:

Landform

Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from:

Open Water Body _____ feet

Drainage Way _____ feet

Wetlands 75 feet

Property Line 20 feet

Drinking Water Well _____ feet

Other _____ feet

4. Unsuitable Materials Present: ☒ Yes ☐ No

If Yes: ☒ Disturbed Soil/Fill Material

☐ Weathered/Fractured Rock

☐ Bedrock

5. Groundwater Observed: ☒ Yes ☐ No

If yes: _____ Depth to Weeping in Hole

60 Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon / Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume			Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones				
0-34	Fill	loam			Cnc:							
					Dpl:							
34-40	Fill	loam			Cnc:							
					Dpl:							
40-52	Fill	loam			Cnc (70% Red)	10	5	12	10	DR	DR	
					Dpl:							
52-70	Fill	loam			Cnc:							
					Dpl:							
70-78	Fill	loam			Cnc:							
					Dpl:							
					Cnc:							
					Dpl:							
					Cnc:							
					Dpl:							

Additional Notes:



Commonwealth of Massachusetts
City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number: 2

Hole #

Date 5-21-26

Time 3:00

Weather partly cloudy

Latitude

Longitude

1. Land Use:

RESIDENTIAL
(e.g., woodland, agricultural field, vacant lot, etc.)

Vegetation oaks

Surface Stones (e.g., cobbles, stones, boulders, etc.) small smooth stones

Slope (%) 8

Description of Location:

2. Soil Parent Material:

loam

Landform

BS

Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from:

Open Water Body — feet

Drainage Way — feet

Wetlands 75 feet

Property Line 100 feet

Drinking Water Well — feet

Other — feet

4. Unsuitable Materials Present:

☐ Yes ☒ No

If Yes: ☐ Disturbed Soil/Fill Material

☐ Weathered/Fractured Rock

☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No

If Yes: — Depth to Weeping in Hole

54 Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon / Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
0-10	Ap	loam									
				Cnc:							
				Dpl:							
10-20	B	clay					100	fine	mass	dry	
				Cnc:							
				Dpl:							
20-30	BC	clay					200	fine	mass	dry	
				Cnc:							
				Dpl:							
				Cnc:							
				Dpl:							
				Cnc:							
				Dpl:							
				Cnc:							
				Dpl:							

Additional Notes:



Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number:

3
Hole #

Date 5-21-26

Time 5:30

100 LT Pairs

1. abundance

Longitudinal

1. Land Use:

RESIDENTIAL

Vegetation

Surface Stones (e.g. cobbles, stones, boulders, etc.)

Slope (%) 8

Description of Location:

2. Soil Parent Material:

Concise

Landform

85

Position on Landscape (SU, SH, BS, FS TS, Plain)

3. Distances from:

Open Water Body _____ feet

Drainage Way	feet
1	

Wellands 100 feet

Property Line 10.0 feet

Drinking Water Well

Other — feet

4. Unsuitable Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil/Fill Material

☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No

If yes: Depth to Weeping in Hole

Death Standing Water in Hole

Soil Log

[illegible]

Additional Notes:



Commonwealth of Massachusetts
City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number: 15

Hole #

Date 5-21-20

Time 8 am

Weather Light Rain

Latitude

Longitude

1. Land Use:

RESIDENTIAL
(e.g., woodland, agricultural field, vacant lot, etc.)

Vegetation Leaves

Surface Stones (e.g., cobbles, stones, boulders, etc.) SLAND SANDS/STONES

Slope (%) 8

Description of Location:

2. Soil Parent Material:

Common Loam

Landform Drainage

BS

Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from:

Open Water Body — feet

Drainage Way — feet

Wetlands 30 feet

Property Line 40 feet

Drinking Water Well — feet

Other — feet

4. Unsuitable Materials Present: ☐ Yes ☒ No

If Yes: ☐ Disturbed Soil/Fill Material

☐ Weathered/Fractured Rock

☐ Bedrock

5. Groundwater Observed: ☒ Yes ☐ No

If Yes: — Depth to Weeping in Hole

— Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
	A	Loam			Cnc : Dpl:						
0-8	B	Loam	10YR 4/1		Cnc : Dpl:		10	Feoxy	Many clay	Dark brown	
8-18	C	Feil.	5YR 5/1	53	Cnc : 10YR 5/3 Dpl:	45	20	Feil	Mossy	frag	
					Cnc : Dpl:						
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Commonwealth of Massachusetts
City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

C. On-Site Review (minimum of two holes required at every proposed primary and reserve disposal area)

Deep Observation Hole Number: 6

Hole #

Date

Time

Latitude

Longitude

1. Land Use:

RESIDENTIAL

Vegetation

Surface Stones (e.g., cobbles, stones, boulders, etc.)

Slope (%)

Description of Location:

2. Soil Parent Material:

Coarse loamy

Drainage

Position on Landscape (SU, SH, BS, FS, TS, Plain)

3. Distances from:

Open Water Body — feet

Drainage Way — feet

Wellands 100 feet

Property Line 50 feet

Drinking Water Well — feet

Other — feet

4. Unsuitable Materials Present: ☐ Yes ☒ No

If Yes: ☐ Disturbed Soil/Fill Material

☐ Weathered/Fractured Rock

☐ Bedrock

5. Groundwater Observed: ☐ Yes ☒ No

If yes: — Depth to Weeping in Hole

— Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon / Layer	Soil Texture (USDA)	Soil Matrix: Color- (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume	Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones		
0-4	LP	loam		Cnc:						
				Dpl:						
4-8	AB	sl	10YR 5/6	Cnc:			20	Fine med	dry	
				Dpl:						
8-16	BC	sl	10YR 5/6	Cnc:			20	Fine med	dry	
				Dpl:						
				Cnc:						
				Dpl:						
				Cnc:						
				Dpl:						
				Cnc:						
				Dpl:						
				Cnc:						
				Dpl:						

Additional Notes:



Commonwealth of Massachusetts
City/Town of
Percolation Test
Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Site Information

Owner Name 50 MILFORD ST. LLC
Street Address or Lot # 50 MILFORD ST
City/Town MILFORD State MA Zip Code 02053
Contact Person (if different from Owner) _____ Telephone Number _____

B. Test Results

	Date	Time	Date	Time
Observation Hole #	<u>F-5</u>			
Depth of Perc	<u>40-52</u>			
Start Pre-Soak	<u>9:58</u>			
End Pre-Soak	<u>10:13</u>			
Time at 12"	<u>10:13</u>			
Time at 9"	<u>10:51</u>			
Time at 6"	<u>11:40</u>			
Time (9"-6")	<u>49</u>			
Rate (Min./Inch)	<u>USE 20 (16.33)</u>			

Test Passed: ☒
Test Failed: ☐

Test Passed: ☐
Test Failed: ☐

Test Performed By: Derek Kwok R.S. SE# 2154 P.G.

Witnessed By: _____

Comments: _____

National Flood Hazard Layer FIRMette

71°27'6"W 42°08'57"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee. See Notes. Zone X
- Area with Flood Risk due to Levee Zone D

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance

- Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/18/2026 at 2:57 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



0 250 500 1,000 1,500 2,000 Feet

71°26'28"W 42°08'31"N

Basemap Imagery Source: USGS National Map 2023