

Notice of Intent Application

Wetlands Protection Act and Boxford Wetlands By-law

**38 Baldpate Road
Boxford, MA**

September 2019



**Wetlands & Land Management, Inc.
100 Conifer Hill Drive-Suite 516
Danvers, MA 01923**

September 17, 2019

Mr. Ross Povenmire
Boxford Conservation Commission
7A Spofford Road
Boxford, MA 01921

RE: Notice of Intent for a home addition at 38 Baldpate Road

Dear Mr. Povenmire and Conservation Commission Members:

On behalf of the applicant, Wetlands & Land Management Inc. is submitting this Notice of Intent application to construct a new dwelling addition. The addition is actually outside of the 100-foot buffer zone but construction excavation and worker traffic will likely extend into the buffer zone. The work will also require the removal and reconstruction of the current deck and relocating the existing septic tank and pump chamber for the on-site septic system. The deck is squarely in the buffer zone.

All of this work occurs directly around the house. There is no canopy removal and no loss of indigenous vegetation.

The property is developed with the farm house style single family home with a lower level, garage under. The property appears to have a wide, circular drive in the front yard, which is actually the remnants of an old section of Baldpate Road. The property is roughly 2.35 acres in area. The grounds are largely maintained as lawn from Baldpate Road to the rear of the site. There does exist a small section of wooded area at the back, right corner of the site. There also appears to be the remnants of an old landscape pond in the central part of the property. This landscape pond area is largely weeded in.

Baldpate Road provides street frontage to the south. There are other residential lots located to the left, right and rear of this property.

The right side of the lot is generally level and much lower than the left side of the lot. The ground level rises about 16 feet in elevation from the right side to the left side.

Wetland Resources at the Site

Wetlands & Land Management, Inc. visited this site in 2017 during the initial planning phase of this project. On site, we noted an intermittent stream along the right side property line and the old landscape pond previously mentioned. We flagged bordering vegetated wetlands associated with the intermittent stream and landscape pond area.

There were also wetlands on the opposite side of Baldpate Road to the south. Those wetlands were off site and were not flagged, however the wetland boundary here extends

directly to the toe of the road embankment. The surveyor located the toe of slope and plotted the extent of the offsite wetlands.

On site, the wetlands are marked with blue surveyors flagging labeled A1 through A24. The flag line begins at Baldpate Road and trends northerly, for the most part paralleling the intermittent stream and diverting around the landscape pond. The topography on the right side of the lot is lower and level – almost the same elevation as the intermittent stream. The existing lawn was maintained directly to the edge of the intermittent stream path.

The wetland line initially trended directly along the bank of the intermittent stream closer to Baldpate Road. After a few flags, the wetland boundary meandered out into the maintained lawn. The flag line trended through the maintained lawn and around the old landscape pond and then returned back to the bank of the intermittent stream. The remaining wetland flags followed very closely to the edge of the intermittent stream.

The wetland boundary in the lawn area was determined largely by the presence of hydric soils. The other flags were determined by the combination of evaluating the indigenous plat community in conjunction with the soil evaluation.

A 100-foot buffer zone extends from the wetland boundary. The Boxford Wetlands By-law also has a 25-foot no disturb zone and a 75-foot no-build zone.

No Riverfront Area

The watercourse on the right side of the property is shown as an intermittent stream on the USGS map. The regulations direct that the stream be evaluated using the USGS StreamStat program. If a stream indicated as intermittent has a watershed greater than one-half square mile and the flow rate in the 99th percentile is greater than 0.01 cubic feet per second, the stream would be determined to have riverfront area.

The resultant evaluation fails on both parameters. The contributing watershed is just over one-tenth square mile. The flow duration in the 99th percentile is less than 0.01 cubic feet per second. The watercourse has a regulatory presumption of intermittent flow. No riverfront area is on the site.

No Bordering Land Subject to Flooding

The FEMA Flood Insurance Rate Map shows the property is not within indicates the 100-year flood zone.

Rare Species

According to the MassGIS data layer for the Massachusetts Natural Heritage Atlas of Estimated Habitats of Rare Wetlands Wildlife and Certified Vernal Pools, the property is not within estimated habitat of rare wetlands wildlife or priority habitat of threatened or endangered species occurs on this site. There are no certified vernal pools indicated in the project vicinity.

Proposed Work

The proposed work in buffer zone is limited to removing a portion of the existing deck and reconstructing a slightly larger deck after the addition is constructed. The addition is very close, but outside of the buffer zone line. It's likely that some excavated soil, worker foot traffic, staging and the like would occur in the buffer zone. The overall project is discussed here to provide the Commission with the full scope of the project.

Installation of the proposed erosion controls will be the first step in the construction process. The allowed limit of site disturbance is established by the location of the erosion control barrier.

The existing deck will be carefully de-constructed to make room for the new addition. All debris will be carried to a dumpster staged in the lower driveway.

A small excavator will be used for the site work. The existing septic tank and pump pit must first be re-set and temporarily connected back to the house plumbing. The tanks are just outside of the buffer zone line. Some temporary earth disturbance in the buffer zone is likely to occur from this work.

For the addition construction, excavation is required for the footing and foundation walls. Soil excavated to pour footings and foundations is dug and side cast adjacent to the trench. Forms are set up and the footings and walls are poured with concrete. After a short period to allow the concrete to cure, the forms are stripped off and the walls are backfilled. Any excess soil will be removed from the site.

Lumber for the construction project will be dropped adjacent to the house in the lower drive. The lumber is generally carried around the site by construction personnel to where needed. Dumpsters should be on site for rubbish control during construction. The dumpster will also be placed adjacent to the house, next to lumber storage area.

Finally, the deck will be rebuilt on the rear of the home. Construction of the deck will require several sonotube holes. Any excess soil from the sonotube holes will be removed from the site. Construction of the deck involves standard carpentry techniques. All construction debris will be collected daily and stored in a dumpster for removal from the site.

Disturbed areas at the end of the project will be loamed and seeded or landscaped. The siltation barriers will remain in place until the lawn is well established. All of the final grades will remain the same as existing grades.

All work is compliant with the Boxford 25-foot no disturb zone and the 75-foot no build zone. All the septic components remain outside the 100-foot buffer zone.

No Resource Area Impacts

There is no alteration of bordering vegetated wetland. To avoid impacts, appropriate erosion controls will be installed as indicated on the permit plan.

The addition foundation work is over 100 feet from the nearest wetland flag. It is unlikely that even in the worst rain event that the limited amount of excavated soil could migrate more than 100 feet to the wetland. The erosion controls shall serve to arrest overland travel of sediment during rain events, and also serve as a visual barrier and physical determination of the limit of work. The siltation barriers will remain in place until the final cover over the septic system is well established.

The septic tank and pump pit excavations are similarly more than 100 feet from the nearest wetland flag. The only ground disturbance in the buffer zone will be for installation of the supports for the new deck. This will be minimal ground disturbance. Any soil excavated to install the sono-tubes or pre-cast deck footing will be returned to the excavation hole or taken off site.

There is no canopy removal associated with this project.

Please schedule this matter for your next available meeting – October 2, 2019. I will be available to present the project and answer any questions.

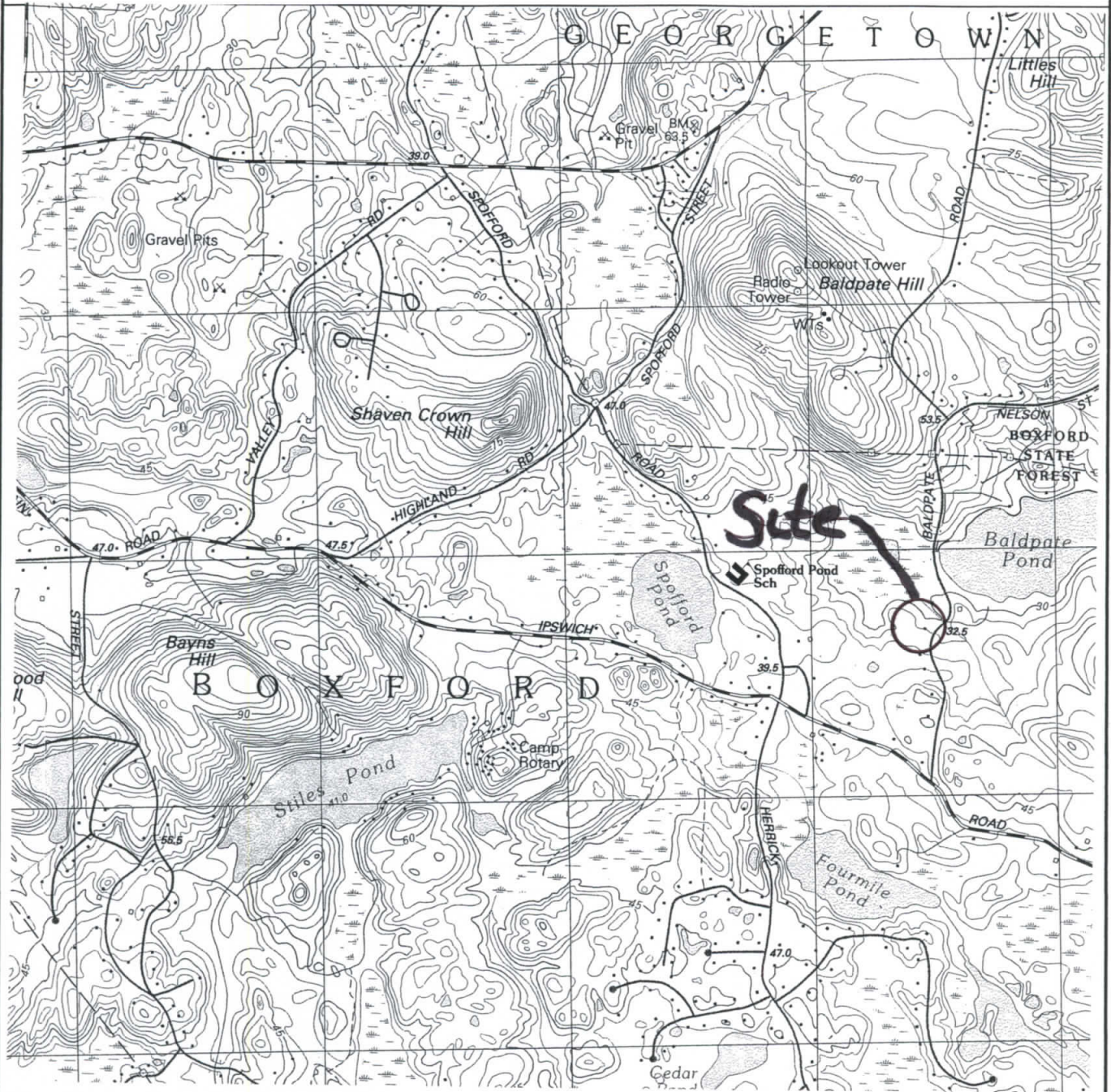
Sincerely,

Wetlands & Land Management, Inc.

William Manuell

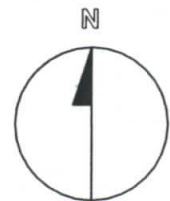
William J. Manuell
Wetland Scientist
For the Applicant

Locus Map
Source: United States Geological Survey



SCALE: 1:25,000

Wetlands & Land Management, Inc.
100 Conifer Hill Drive - #516
Danvers, MA 01923
978-777-0004



NOTICE OF INTENT APPLICATION (WPA FORM 3)



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

Provided by MassDEP:

MassDEP File Number
Document Transaction Number
Boxford
City/Town

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
 Boxford Wetlands By-law

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):

38 Baldpate Road	Boxford	01921
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	42.6948	-71.0080
	d. Latitude	e. Longitude
Map 19, Block 3	Lot 18-12	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

Michael	Hough	
a. First Name	b. Last Name	
c. Organization		
38 Baldpate Road		
d. Street Address		
Boxford	MA	01921
e. City/Town	f. State	g. Zip Code
617-515-5251		
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):

William	Manuell	
a. First Name	b. Last Name	
Wetlands & Land Management, Inc.		
c. Company		
100 Conifer Hill Drive #516		
d. Street Address		
Danvers	MA	01923
e. City/Town	f. State	g. Zip Code
978-777-0004	bill@wetlandslm.com	
h. Phone Number	i. Fax Number	j. Email address

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

\$110.00	\$42.50	\$67.50 Plus \$400. local fee
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

Construct a dwelling addition. This will require removing and rebuilding the dck and relocating the septic tank and pump chamber

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

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input type="checkbox"/> 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 CMR10.24(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:

Essex South

a. County

30884

c. Book

b. Certificate # (if registered land)

189

d. Page Number

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

1. 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.
2. 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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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.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Bank	1. linear feet _____	2. linear feet _____
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet _____	2. square feet _____
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet _____	2. square feet _____
	3. cubic yards dredged _____	

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet _____	2. square feet _____
	3. cubic feet of flood storage lost _____	4. cubic feet replaced _____
e. <input type="checkbox"/> 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: _____ square feet

4. Proposed alteration of the Riverfront Area:

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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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. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> 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. <input type="checkbox"/> 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

MassGIS Web site

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 <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/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.



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

- (c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm).
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, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; 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 - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

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.



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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.



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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.

Hough/ Erickson Residence

a. Plan Title

D.C. MacRitchie, LLC

b. Prepared By

9-13-19

d. Final Revision Date

Daniel MacRitchie, PE

c. Signed and Stamped by

20

e. Scale

f. Additional Plan or Document Title

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:

6009

2. Municipal Check Number

9-17-19

3. Check date

6010

4. State Check Number

9-17-19

5. Check date

Wetlands & Land Management, Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name



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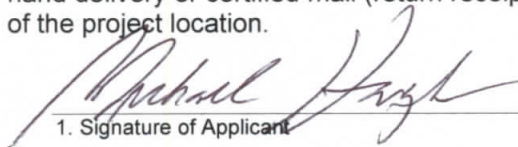
Boxford

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

9-17-19

2. Date

3. Signature of Property Owner (if different)

4. Date



9-17-19

5. Signature of Representative (if any)

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.

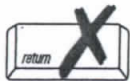
NOTICE OF INTENT FEE TRANSMITTAL FORM

(WPA Appendix B)



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:

38 Baldpate Road Boxford
 a. Street Address b. City/Town
 6010 \$42.50
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Michael Houogh
 a. First Name b. Last Name
 c. Organization
 38 Baldpate Road
 d. Mailing Address
 Boxford MA 01921
 e. City/Town f. State g. Zip Code
 617-515-5251
 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).



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

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
house addition in BZ	one	\$110	\$110.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	\$110.00
State share of filing Fee:	a. Total Fee from Step 5 \$42.50
City/Town share of filling Fee:	b. 1/2 Total Fee less \$12.50 \$67.50
	c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and a copy of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

WETLANDS & LAND MANAGEMENT, INC.

100 CONIFER HILL DRIVE #516
DANVERS, MA 01923
(978) 777-0004

EXPLANATION	AMOUNT

51-7218/2211

6010

PAY forty two and 50 100 DOLLARS

CHECK AMOUNT Security Features Included. Details on back.

DATE	TO THE ORDER OF	HRS	GROSS	SOC. SEC.	MED.	FED. WITH.	STATE		
9/17/19	Comm. of MA								
			WPA Filing fee 38 Baldpate Rd						
			DESCRIPTION						

\$ 42.50



WLM-Q

⑈006010⑈ ⑆221172186⑆ 0035606191⑈

WETLANDS & LAND MANAGEMENT, INC.

100 CONIFER HILL DRIVE #516
DANVERS, MA 01923
(978) 777-0004

EXPLANATION	AMOUNT

51-7218/2211

6009

PAY sixty seven and 50 100 DOLLARS

CHECK AMOUNT Security Features Included. Details on back.

DATE	TO THE ORDER OF	HRS	GROSS	SOC. SEC.	MED.	FED. WITH.	STATE		
9/17/19	Town of Boxford								
			WPA Filing fee 38 Baldpate Rd						
			DESCRIPTION						

\$ 67.50



WLM-Q

⑈006009⑈ ⑆221172186⑆ 0035606191⑈

WETLANDS & LAND MANAGEMENT, INC.

100 CONIFER HILL DRIVE #516
DANVERS, MA 01923
(978) 777-0004

EXPLANATION	AMOUNT

51-7218/2211

6011

PAY four hundred DOLLARS

CHECK AMOUNT Security Features Included. Details on back.

DATE	TO THE ORDER OF	HRS	GROSS	SOC. SEC.	MED.	FED. WITH.	STATE		
9/17/19	Town of Boxford								
			Local Filing Fee						
			DESCRIPTION						

\$ 400.00



WLM-Q

⑈006011⑈ ⑆221172186⑆ 0035606191⑈

3/17/2011
 Boxford ConsCom fees adopted 3/17/2011

Fee Category	Fee subcategory	Former Fee	Fee adopted 3/17/2011
Request for Determination of Applicability		\$50.00	\$100.00
Notice of Intent			
	Addition/Alteration	\$100.00	\$200.00
	New Single Family House	\$400.00	\$1,000.00
	Each Crossing (road intermittent)	\$400.00	\$1,000.00
	Each Crossing (road perennial)	\$400.00	\$2,000.00
	Each Crossing (driveway perennial)	\$400.00	\$1,000.00
	Each Crossing (driveway intermittent)	\$400.00	\$400.00
	Subdivisions (first 1500' of road, +2\$/lf after)	\$1,500.00	\$3,000.00
	Wetland Resource Alteration	.50 sq ft	.50 sq ft
	Bank Alteration	.50 lin ft	.50 lin ft
	Boundary Verification (\$25/100' after 100')	\$25/100' after	\$50/100' after
		\$100+\$25/	\$200+\$50/
ANRAD (\$100 + \$25/100' after 100')		\$50.00	\$50.00
Certificate of Compliance (w/ 1 yr)		\$50.00	\$100.00
Certificate of Compliance (after 1 yr)		\$50.00	\$50.00
Partial Certificate of Compliance		\$50.00	\$400.00
Amended Order of Conditions		\$100.00	\$150.00
Extension Permit		\$100.00	\$100.00
Standard Request for Written Project Status		\$200.00	\$200.00
Expedited Request for Written Project Status		\$100.00	\$200.00
Affidavit		\$50.00	\$50.00
Determination of Negligible Impact		\$0.00	\$50.00
Emergency Certification		\$25.00	\$50.00
Site Visit without Application (non-owner)		\$25.00	\$25.00
Site Visit without Application (owner)		\$0.00	\$50.00
Soil Policy Fee			

200.00

457 l.f. of wetland
 1st 100' included
 357 ÷ 100 = 3.57
 514 × 50 =
 200.00

7874 / Fee
 400.00

ABUTTER INFORMATION

Notification to Abutters Under the Massachusetts Wetlands Protection Act

In accordance with the second paragraph of the Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following.

- A. The name of the applicant is Michael Hough and Briana Erickson
- B. The applicant has filed a Notice of Intent with the Conservation Commission for work subject to jurisdiction under the Wetlands Protection Act (General Laws Chapter 131, Section 40).

Activities Proposed: Construct a dwelling addition at the rear of the home. The work will require removing and rebuilding the deck and relocating the septic tank and pump chamber.

- C. The Address of the Lot where the activity is proposed is 38 Baldpate Road, Boxford
- D. Copies of the Notice of Intent may be examined by appointment at Wetlands & Land Management, Inc between the hours of 9 AM and 3 PM on the following days of the week: M-F
For an appointment, call: (978) 777-0004
This is the applicant's representative. _____

Name of Representative: Wetlands & Land Management, Inc. – William Manuell

- E. Copies of the Notice of Intent may be obtained from the Town Hall or for a fee from the applicant's representative by calling this telephone number (978)-777-0004 between the hours of 9 AM and 4 PM on the following days of the week: M-F
- F. Information regarding the date, time, and place of the public hearing may be obtained from the Conservation Commission by calling this telephone number 978-887-6000 between the hours of 9AM and 4PM x181 on the following days of the week: M-Thur

NOTE: Notice of the public hearing, including its date, time and place, will be published at least five (5) days in advance in the Tri-Town Transcript (name of newspaper)

NOTE: Notice of the public hearing, including its date, time and place, will be posted in the City or Town Hall not less than forty-eight (48) hours in advance.

NOTE: You also may contact your local Conservation Commission or the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act.

To contact DEP, call:

Central Region: 508-792-7650

Northeast Region: 978-694-3200

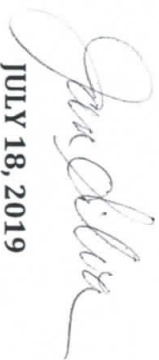
Southeast Region: 508-946-2800

Western Region: 413-784-1100

**TOWN OF BOXFORD
ABUTTER LIST
PARCEL #19-03-18.12 - 38 BALDPATE ROAD - CONSERVATION COMMISSION 250'**

PARCEL #	PARCEL ADDRESS	OWNER 1	OWNER 2	MAILING ADDRESS	CITY/TOWN	STATE	ZIP CODE
15-02-05	4 GREAT POND DR	NARATH ROSEMARIE TR	ROSEMARIE NARATH REALTY TRUST	4 GREAT POND DR	BOXFORD	MA	01921
15-02-13-1	PAR B BALDPATE RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
15-02-13-2	PAR C BALDPATE RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
15-02-4&4-A	46 BALDPATE RD	GUERRERA FRANK J	GUERRERA LILITH T	46 BALDPATE RD	BOXFORD	MA	01921
19-03-15	31 BALDPATE RD	GAUDIN DAVID V	GAUDIN MICHELE L	31 BALDPATE RD	BOXFORD	MA	01921
19-03-17	5 GREAT POND DR	BROMS DAVID G	BROMS JACQUELINE M	5 GREAT POND DR	BOXFORD	MA	01921
19-03-18-10	27C POWDERHOUSE LN	CANDELINO JACKIE	HOFFMAN DENNIS	27C POWDERHOUSE LN	BOXFORD	MA	01921
19-03-18-11	27B POWDERHOUSE LN	ARSENAULT WALTER T	ARSENAULT SUSAN M	27B POWDERHOUSE LN	BOXFORD	MA	01921
19-03-18-12	38 BALDPATE RD	HOUGH MICHAEL D	ERICKSON BRIANA M	38 BALDPATE RD	BOXFORD	MA	01921
19-03-18-1	BALDPATE RD	HOUGH MICHAEL D	ERICKSON BRIANA M	38 BALDPATE RD	BOXFORD	MA	01921
19-03-18-9	25 POWDERHOUSE LN	BANKES ROWLAND		25 POWDERHOUSE LN	BOXFORD	MA	01921
19-03-18	27A POWDERHOUSE LN	COULOMBE RYAN	COULOMBE ALYSSA	27A POWDERHOUSE LN	BOXFORD	MA	01921
19-03-19	32 BALDPATE RD	COOGAN THEODORE H	RITCHIE DONNA M	32 BALDPATE RD	BOXFORD	MA	01921

CERTIFIED COPY


JULY 18, 2019

STREAMSTAT INFORMATION

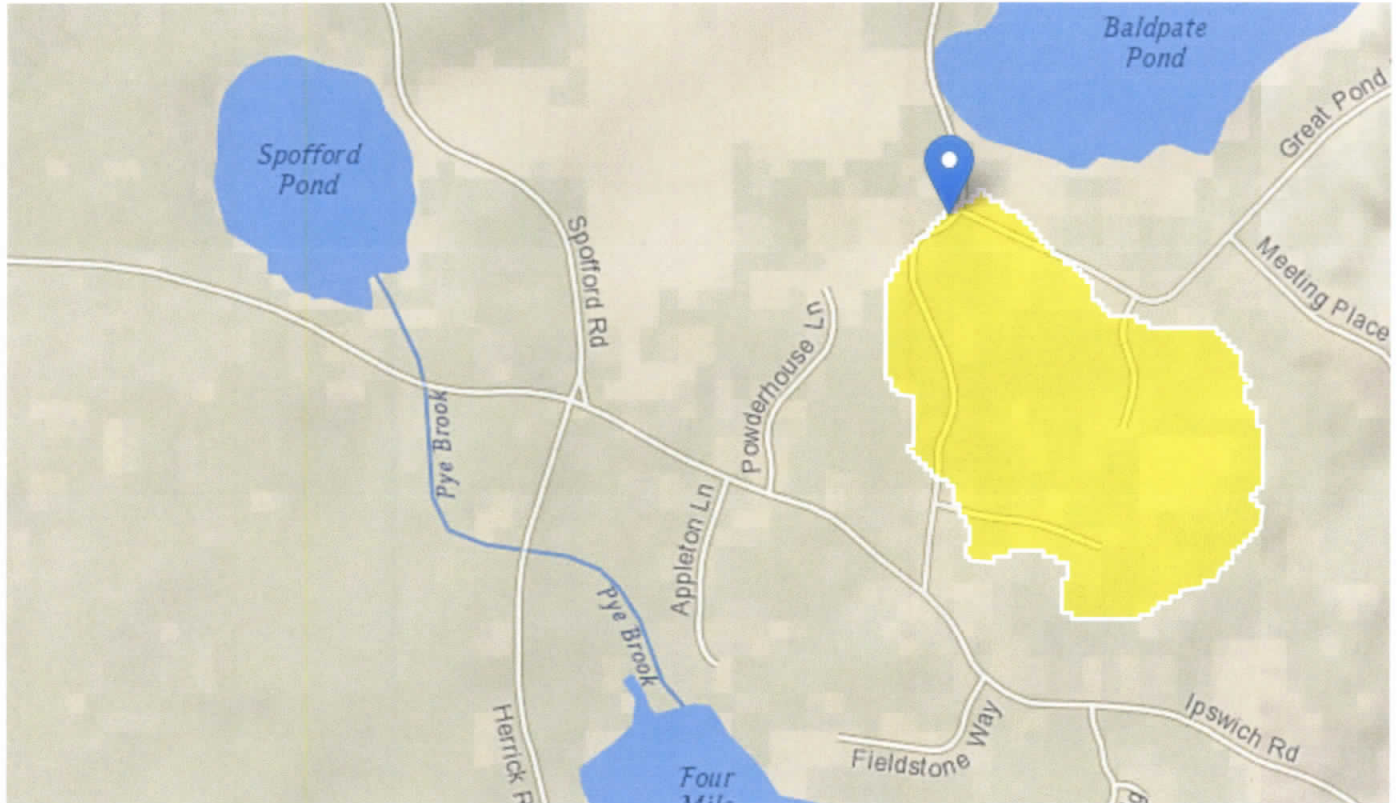
StreamStats Report

Region ID: MA

Workspace ID: MA20190917153636692000

Clicked Point (Latitude, Longitude): 42.69528, -71.00728

Time: 2019-09-17 11:36:51 -0400



Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.12	square miles
DRFTPERSTR	Area of stratified drift per unit of stream length	0.15	square mile per mile
MAREGION	Region of Massachusetts 0 for Eastern 1 for Western	0	dimensionless
BSLDEM250	Mean basin slope computed from 1:250K DEM	2.138	percent

FAIL

Flow-Duration Statistics Parameters^[Statewide Low Flow WRIR00 4135]

Fail < 0.5 sq. miles

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.12	square miles	1.61	149
DRFTPERSTR	Stratified Drift per Stream Length	0.15	square mile per mile	0	1.29
MAREGION	Massachusetts Region	0	dimensionless	0	1
BSLDEM250	Mean Basin Slope from 250K DEM	2.138	percent	0.32	24.6

Flow-Duration Statistics Disclaimers^[Statewide Low Flow WRIR00 4135]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors

Flow-Duration Statistics Flow Report^[Statewide Low Flow WRIR00 4135]

Statistic	Value	Unit
50 Percent Duration	0.11	ft ³ /s
60 Percent Duration	0.0694	ft ³ /s
70 Percent Duration	0.0383	ft ³ /s
75 Percent Duration	0.0283	ft ³ /s
80 Percent Duration	0.0237	ft ³ /s
85 Percent Duration	0.016	ft ³ /s
90 Percent Duration	0.0115	ft ³ /s
95 Percent Duration	0.00564	ft ³ /s
98 Percent Duration	0.00347	ft ³ /s
99 Percent Duration	0.00226	ft ³ /s

Flow-Duration Statistics Citations

Fail - < 0.01 CFS

Ries, K.G., III, 2000, Methods for estimating low-flow statistics for Massachusetts streams: U.S. Geological Survey Water Resources Investigations Report 00-4135, 81 p. (<http://pubs.usgs.gov/wri/wri004135/>)