



City of Haverhill Conservation Commission

HCC Local Application Form 1 Request for Determination of Applicability

A. STATUTE APPLICABILITY

This application is being filed with the Commission in accordance with the following (check all that apply):

- ☒ Massachusetts Wetlands Protection Act, M.G.L. Chapter 131, Section 40
- ☒ Haverhill Municipal Ordinance Chapter 253

B. GENERAL INFORMATION

Applicant MANUEL O. BARRIOS-PAZOS
Property Owner SAME
Representative SAME
Location (Street Address) 111 FOREST ST., HAVERHILL MA
Assessor's Parcel Identification 572-2-11C

C. APPLICATION CHECKLIST

The Commission requires the submittal of this original, completed Form; one (1) paper copy of site plans; and one (1) paper copy of all other materials. Additionally, the Commission requires the submittal of individual PDFs of this Form and all listed application materials. If practical, related items may be combined into a single PDF. PDFs should not mix larger format sheets (e.g. site plans) with smaller sheets (e.g. letters). These submittal requirements also apply to supplemental information provided during the public hearing. The following materials shall be submitted with this form:

- ☒ Completed, current WPA Form 1
- ☒ Project Narrative with a description of resource areas & delineation methodology, a demonstration of compliance with pertinent Performance Standards, and a Construction Period Pollution Prevention and Erosion and Sedimentation Control Plan
- ☒ Site Plans or Sketch clearly describing the location and nature of the work, including such information as site boundaries, wetlands, topography, existing and proposed conditions, vegetation cover, soils, erosion & sedimentation controls, Title 5 compliance, flood storage calculations...(24" x 36" max. sheet size)
- ☒ 8½" x 11" sections of the following maps with project location clearly identified
 - ☒ USGS Quadrangle
 - ☒ MassGIS Orthophoto
 - ☒ City of Haverhill Parcel ID Map, also identifying properties within 300' of subject property
- ☒ Local Filing Fee, payable to the City of Haverhill
- ☐ Other: _____

D. APPLICATION CERTIFICATION

I have read the Department of Environmental Protection's "Instructions for Completing Application" and the City's Municipal Ordinance under Chapter 253, with all applicable regulations and policies, for the filing of this application with the Haverhill Conservation Commission and agree to its terms and conditions, as amended. I understand the submitted NOI, its plans, and all its supporting materials are public records and may be uploaded to the City's website for public review. As required under 310 CMR 10.05(3)a.3, I

City Hall Room 300 • 4 Summer Street • Haverhill, MA 01830 • www.cityofhaverhill.org



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hereby certify that the Massachusetts Department of Environmental Protection and the property owner of the area subject to this request (if not also the applicant) have been notified that this determination is being requested under M.G.L. c. 131, § 40 and/or Haverhill Municipal Ordinance Chapter 253. As required by the Commission, the wetland resource area(s) are flagged, the corners of proposed structures are staked, and the centerline of proposed roadway(s) and/or driveway(s) are marked, as appropriate, to facilitate site inspections by Commissioners and Conservation Staff.

Signed: [Signature]
(APPLICANT)

09 JUL 2026
(DATE)

E. SITE ACCESS ACKNOWLEDGEMENT

I hereby grant the Haverhill Conservation Commission and its officials permission to enter upon my property at 111 FOREST ST., HAVERHILL MA to review the filed Request for
(STREET ADDRESS AND ASSESSOR'S PARCEL ID)

Determination of Applicability and future site conditions for compliance with the issued Determination of Applicability. The sole purpose of this acknowledgement is to allow the Commission and its officials to perform their duties under the Massachusetts Wetlands Protection Act and the City's wetlands protection ordinance.

Signed: [Signature]
(PROPERTY OWNER)

09 JUL 2026
(DATE)

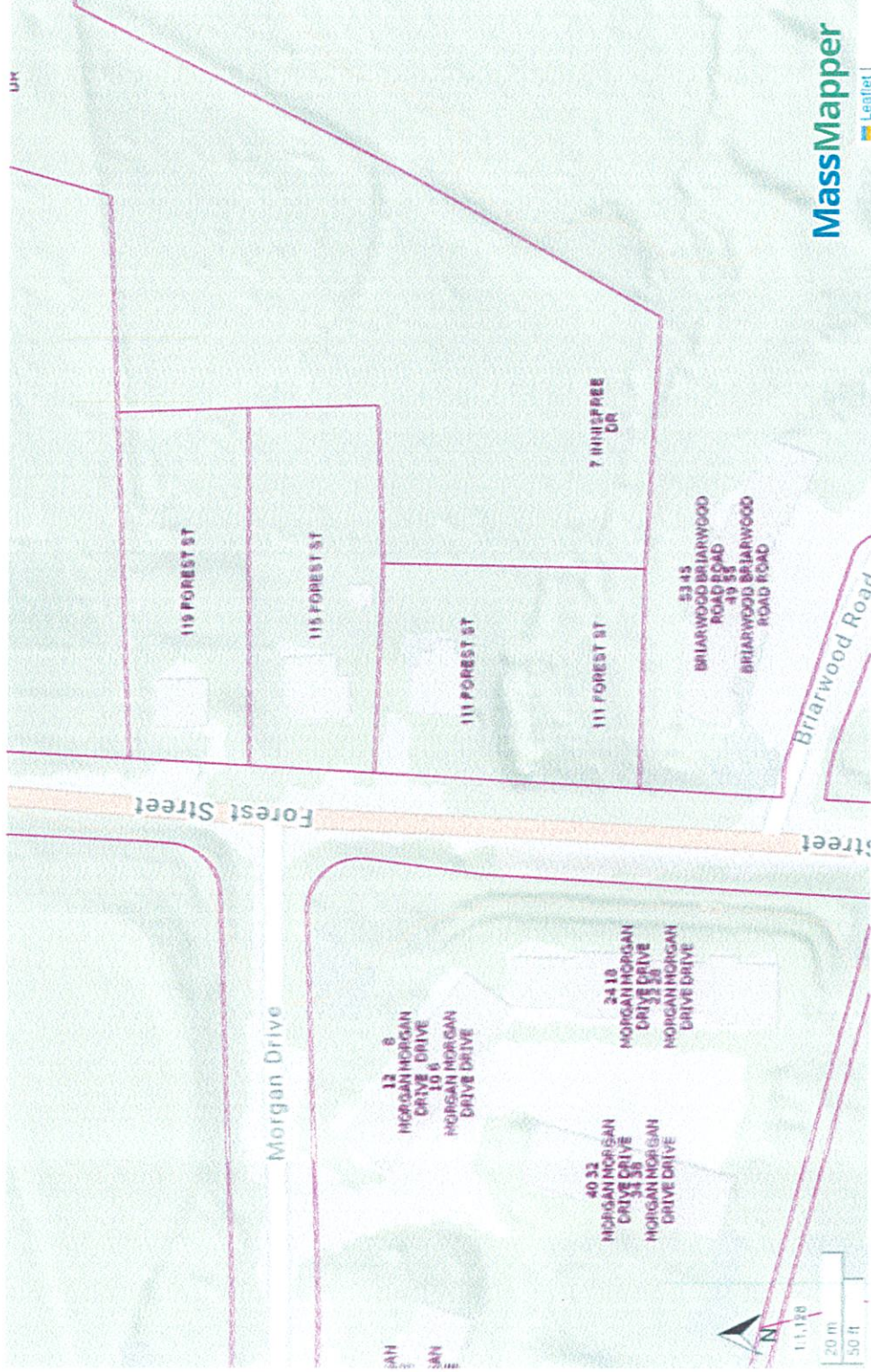
F. LOCAL FILING FEE CALCULATION

Request for Determination of Applicability Local Application Fee:	\$100.00*
Advertising Fee:	\$ 45.00
Total Fee Due (checks payable to "City of Haverhill"):	\$145.00

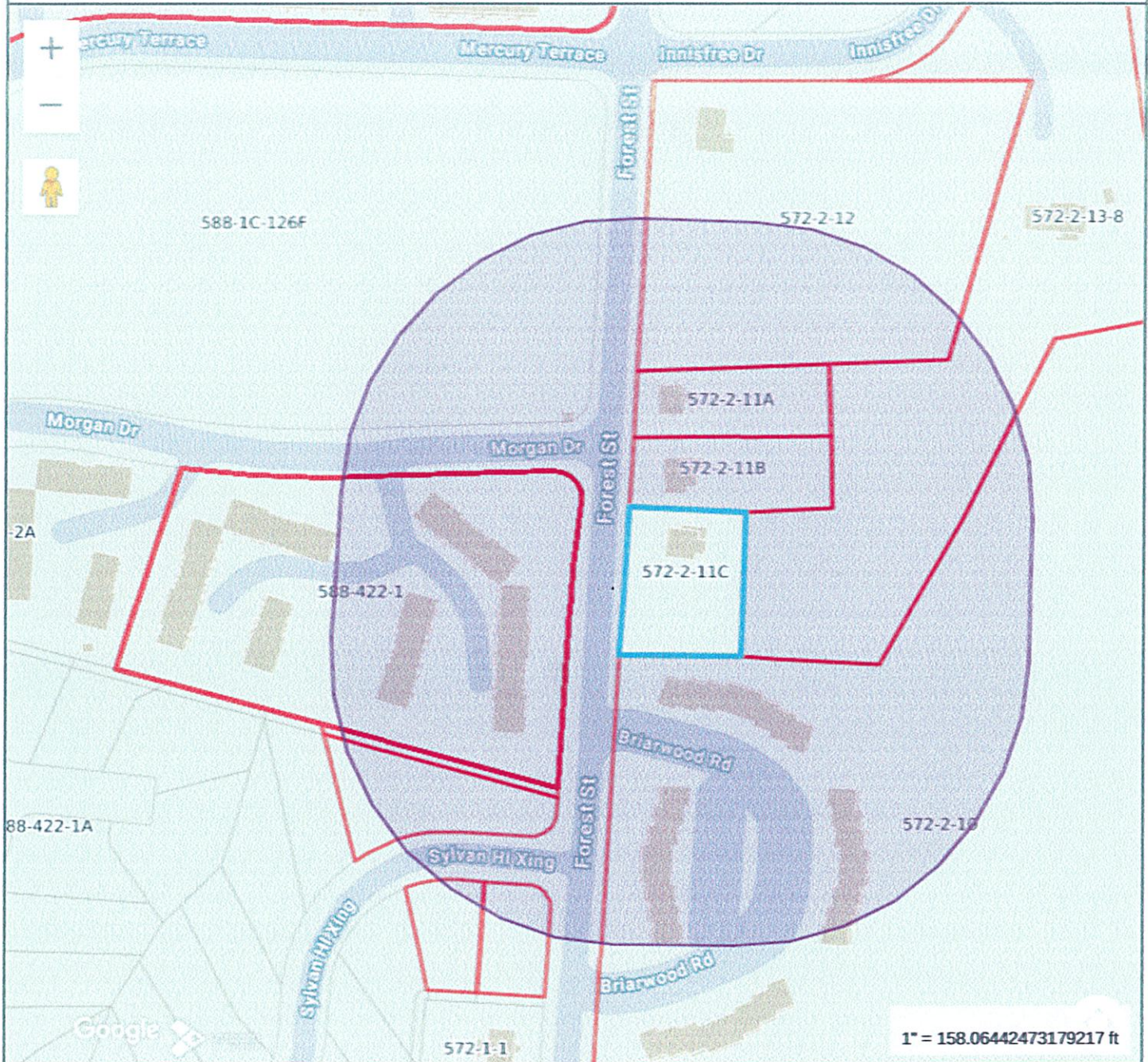
*Local Application Fee increases to \$150.00 when project is also proposed within a Riverfront Area

111 Forest St

Property Tax Parcels



Abutters



Property Information

Property ID 572-2-11C
Location 111 FOREST ST
Owner BARRIOS MANUEL-ETUX



**MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT**

City of Haverhill, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated June 25, 2025
Data updated June 25, 2025

Print map scale is approximate.
Critical layout or measurement
activities should not be done using
this resource.



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability

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

Haverhill
Municipality

A. General Information

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



1. Applicant:
Manuel Barrios-Ramos
First Name Last Name
111 Forest St
Address
Haverhill MA 01832
City/Town State Zip Code
9396401795
Phone Number manubarrios@gmail.com
Email Address
2. Property Owner (if different from Applicant):
(same as applicant)
First Name Last Name
Address
City/Town State Zip Code
Phone Number Email Address (if known)
3. Representative (if any)
N/A
First Name Last Name
Company Name
Address
City/Town State Zip Code
Phone Number Email Address (if known)

B. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

111 Forest St	Haverhill
Street Address	City/Town
42.77933	-71.12845
Latitude (Decimal Degrees Format with 5 digits after decimal e.g. XX.XXXXX)	Longitude (Decimal Degrees Format with 5 digits after decimal e.g. -XX.XXXXX)
Map 572, Block 2, Lot 11	572-2-11C
Assessors' Map Number	Assessors' Lot/Parcel Number

- b. Area Description (use additional paper, if necessary):

Refer to Attachment

- c. Plan and/or Map Reference(s): (use additional paper if necessary)

Refer to Attachment

Title	Date
Refer to Attachment	
Title	Date

[How to find Latitude
and Longitude](#)

[and how to convert
to decimal degrees](#)



Massachusetts Department of Environmental Protection
Bureau of Water Resources - Wetlands

WPA Form 1- Request for Determination of Applicability Haverhill

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

Municipality

B. Project Description (cont.)

2. a. Activity/Work Description (use additional paper and/or provide plan(s) of Activity, if necessary):

The applicant proposes to place compacted earthen fill and install rock alignment (riprap) along a previous wall section of the existing watercourse located on the southern boundary of the property that has degraded rapidly in the last year. The intent of the work is to stabilize an actively eroding bank using non-structural, non-concrete methods that are consistent with low-impact stormwater channel-bank restoration practices. Refer to Attachment for additional information.

- b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

Refer to Attachment (Justification for Exemption from Notice of Intent).

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- ☐ Single family house on a lot recorded on or before 8/1/96
- ☐ Single family house on a lot recorded after 8/1/96
- ☐ Expansion of an existing structure on a lot recorded after 8/1/96
- ☐ Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- ☐ New agriculture or aquaculture project
- ☐ Public project where funds were appropriated prior to 8/7/96
- ☐ Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- ☐ Residential subdivision; institutional, industrial, or commercial project
- ☐ Municipal project
- ☐ District, county, state, or federal government project
- ☐ Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

- b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)

N/A

WPA Form 1- Request for Determination of Applicability Haverhill

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

Municipality

C. Determinations

1. I request the Haverhill make the following determination(s). Check any that apply:
Conservation Commission

- ☒ a. whether the **area** depicted on plan(s) and/or map(s) referenced above is an area subject to jurisdiction of the Wetlands Protection Act.
- ☐ b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced above are accurately delineated.
- ☒ c. whether the **Activities** depicted on plan(s) referenced above is subject to the Wetlands Protection Act and its regulations.
- ☒ d. whether the area and/or Activities depicted on plan(s) referenced above is subject to the jurisdiction of any **municipal wetlands' ordinance or bylaw** of:

Haverhill

Name of Municipality

- ☐ e. whether the following **scope of alternatives** is adequate for Activities in the Riverfront Area as depicted on referenced plan(s).

D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

Signature of Applicant

Date _____

Signature of Representative (if any)

Date _____

WPA Form 1- Request for Determination of Applicability

Attachment

- **Property Record Card**
- **Area Description**
- **As-built plan from the development**
- **Aerial View of the proposed bank-stabilization work**
- **Detailed description of proposed bank-stabilization work**
- **Justification for Exemption from Notice of Intent**
- **Wetland Delineation Report**
- **Photos of the compromised area**

Unofficial Property Record Card - Haverhill, MA

General Property Data

Parcel ID 572-2-11C	Account Number 572-2-11C
Prior Parcel ID	
Property Owner BARRIOS MANUEL-ETUX SANCHEZ MAYRA	Property Location 111 FOREST ST HAVERHILL
Mailing Address 111 FOREST ST	Property Use ONE FAM
	Most Recent Sale Date 3/4/2021
City HAVERHILL	Legal Reference 39606-267
Mailing State MA Zip 01832	Grantor O'BRIEN ROBERT J-ETUX
ParcelZoning N/A	Sale Price 450,000
	Land Area 0.367 acres

Current Property Assessment

Card 1 Value	Building Value 326,700	Xtra Features Value 0	Land Value 203,400	Total Value 530,100
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Building Description

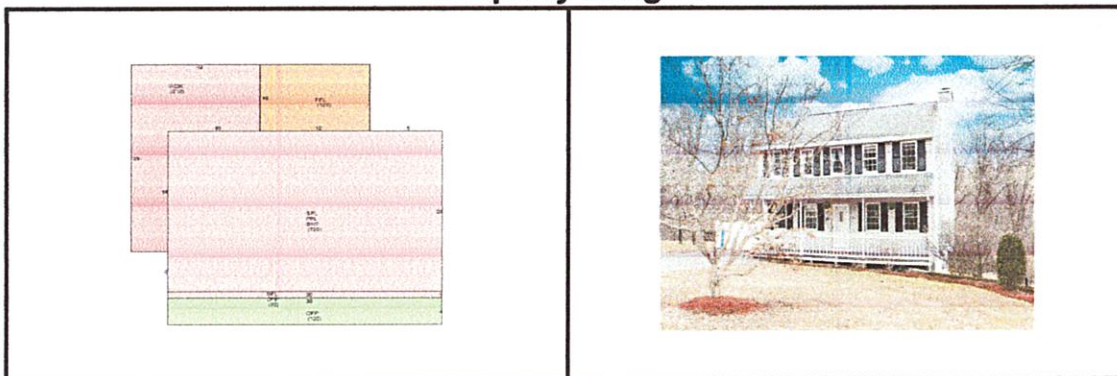
Building Style COLONIAL	Foundation Type CONCRETE	Flooring Type HARDWOOD
# of Living Units 1	Frame Type WOOD	Basement Floor CONCRETE
Year Built 1994	Roof Structure GABLE	Heating Type FORCED H/A
Building Grade AVERAGE	Roof Cover ASPHALT	Heating Fuel GAS
Building Condition N/A	Siding VINYL	Air Conditioning 0%
Finished Area (SF) 1590	Interior Walls DRYWALL	# of Bsmt Garages 0
Number Rooms 6	# of Bedrooms 3	# of Full Baths 1
# of 3/4 Baths 0	# of 1/2 Baths 1	# of Other Fixtures 0

Legal Description

Narrative Description of Property

This property contains 0.367 acres of land mainly classified as ONE FAM with a(n) COLONIAL style building, built about 1994 , having VINYL exterior and ASPHALT roof cover, with 0 commercial unit(s) and 1 residential unit(s), 6 room(s), 3 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.

Area Description

The impacted area is a narrow, wooded culvert or stormwater channel, running along the southern edge of my property, 111 Forest Street, Haverhill MA. It's a mix of natural vegetation, visible erosion, and man-made boundary fencing. The overall landscape is comprised of dense vegetation dominated by vines, young trees, and groundcover plants. The stormwater channel drainage through the center of the area. In several spots, the soil has washed away, forming drop-offs and exposing roots and rocks. Some sections are undermined, especially near the fence line. A standard chain-link fencing with metal posts runs along the top edge of the creek bank, likely installed to mark property boundaries and prevent access to unstable ground. In some images, the fence is visibly close to eroded soil, indicating that the bank has shifted over time.

After the nearby construction area was cleared, the stormwater volume and velocity increased. This is the moment the erosion pattern changed from slow, natural scouring to mechanical undercutting. Water began cutting into the toe of the bank. Soil started sloughing off beneath the fence line. There are steep drop-offs where soil has washed away directly under the chain-link fence, exposing roots and voids beneath vegetation. There is rock and debris accumulation at the bottom of the channel, showing active transport.

Now, a severe bank retreat shows the erosion progression, consistent with and increased upstream runoff due to land clearing, the concentrated stormwater entering the stormwater channel, and a lack of energy dissipation structures.

Detailed description of proposed stormwater channel stabilization work

Project Description: Stormwater Channel Stabilization Using Earthen Fill and Rock Alignment

Applicant: Manuel O. Barrios Ramos

Address: 111 Forest Street, Haverhill, MA

Introduction and Purpose of Work:

The applicant proposes to conduct non-structural stormwater channel stabilization activities along an eroded section of the existing culvert/watercourse located on the southern boundary of 111 Forest Street. The purpose of the work is to restore the channel to its previously stable condition, arrest ongoing erosion, protect existing property features, and prevent further undermining of soils adjacent to the property. The project uses natural materials only, clean earthen fill and properly sized riprap, and does not involve concrete, rebar, or any structural retaining wall elements.

Background:

Since acquiring the property in 2021, the applicant has documented progressive bank loss, including the failure of one fence post and active undermining of additional posts (refer to photos). Without intervention, further soil loss is highly likely.

Existing Site Conditions:

The watercourse forms the southern boundary of the property and historically maintained a stable earthen bank supporting a fence line and vegetated slope. Over the past several years, stormwater flows have scoured the bank, resulting in the loss of bank material and exposure of fence posts.

Scope of Proposed Work:

The proposed stabilization consists of restoring the existing bank using natural materials and low-impact channel-bank restoration practices. No new structures will be constructed, and the restored bank will follow the natural contour of the watercourse.

A. Rock-Based Bank Stabilization

- Placement of properly sized angular riprap along the eroded bank face
- Installation beginning at the bank toe and extending upward to re-establish a stable slope
- Stones keyed into the bank to resist displacement during high-flow conditions
- No concrete footings, rebar, or structural anchoring

B. Earthen Fill Restoration

- Placement of clean, compacted earthen fill behind and above the riprap
- Fill used to replace soil lost to erosion and rebuild the original bank profile
- Compaction performed in lifts to ensure long-term stability
- Final grading shaped to match natural contours and pre-erosion geometry

C. Non-Structural Alignment

- Rock and fill shaped to follow the natural curvature of the watercourse
- No rigid retaining wall components
- No poured concrete or structural reinforcement
- Restored bank remains fully permeable and hydrologically compatible with existing conditions

D. Stabilization Extent

- Total length: ~70 linear feet
- Fill depth: ~9 feet at deepest erosion zone; ~3 feet at shallowest
- Work confined to the footprint of the historically stable bank

Construction Sequence

1. Site Preparation – Remove loose debris, establish access, and install temporary erosion controls.
2. Toe Stabilization – Place riprap at the bank toe to create a stable foundation.
3. Rock Alignment – Install riprap along the mid-bank to rebuild the eroded face.
4. Fill Placement – Place and compact clean fill behind the rock alignment in controlled lifts.
5. Final Grading – Shape the restored bank to match natural contours.
6. Surface Stabilization – Apply biodegradable erosion-control matting or straw wattles as needed.
7. Inspection – Verify stability and adjust rock placement or grading as necessary.

Environmental Protection Measures

- Work conducted during dry conditions when feasible
- Use of clean, inert materials only
- Temporary sediment controls installed as needed
- Restored bank maintains natural hydrology and flow patterns
- No expansion of the bank beyond its historic limits

Justification for Exemption from Notice of Intent

The bank-stabilization work qualifies as maintenance of an existing structure under 310 CMR 10.02(2)(b)(2) and 10.04, and therefore does not require a Notice of Intent (NOI) because the work restores a lawfully existing, previously stable bank and fence line, not a new alteration of a protected resource area.

Regulatory Basis for NOI Exemption Maintenance of Existing Structures (310 CMR 10.02(2)(b)(2); 10.04) Under the Wetlands Protection Act regulations, maintenance or repair of existing, lawfully constructed structures is exempt from filing an NOI provided the work does not enlarge, extend, or alter the original structure or resource area.

This exemption applies to structures such as fences, embankments, drainage features, and other pre-existing site elements whose function or stability has been compromised by natural processes. The proposed work along the southern boundary of 111 Forest Street fits within this exemption because the work:

- Restores the existing bank to its prior, stable condition.
- Protects and maintains existing fence posts, one of which has already failed due to erosion.
- Uses non-structural, non-concrete methods that do not create a new retaining wall, new fill footprint, or new channel geometry.

NOTES

1. PROPERTY LINES SHOWN FROM EXISTING PLANS & RECORDS
2. TO BE CLARIFIED & MODIFIED FOR CONSTRUCTION FROM AN ACTUAL FIELD SURVEY
3. EXIST. MAP. 1964. 1964.

LOT "A"

LOT "B"

LOT "C"

STREET

FOREST

AS-BUILT GRADING
& PROPOSED SITE MODIFICATION
PLAN OF LAND

HAVERHILL, MASS.

JANUARY 1964

REVISION 1

J. J. J. J.

J. J. J. J.

DEPARTMENT OF CONSERVATION SERVICES

HAVERHILL, MASS.

1.787

PROP 10' x 12' DECK W/ STAIRS

EXISTING FOUNDATION

T.F. = 83.23

13.5'

PROP 5' FARMERS PORCH

LOT 6

15.430 S

0.3668

99.4'

EDGE OF WETLANDS

Aerial View of the proposed bank-stabilization work



**SEEKAMP ENVIRONMENTAL
CONSULTING, INC.**

PO Box 52
Kingston, NH 03848

July 2, 2026

Manny Barrios - Ramos
111 Forest Street
Haverhill, MA 01832

RE: Wetland Delineation Report, 111 Forest Street, Haverhill, MA (Site).

Dear Manny and Mayra,

Seekamp Environmental Consulting, Inc., (SEC) has prepared the following delineation report regarding the above referenced site. The delineation was completed on June 29, 2026, and was done to the standards of the MA Wetlands Protection Act (310 CMR 10.00) current delineation methodology. The wetland area on the Site is associated with an intermittent stream coming from a culvert under Forest Street and running adjacent to your residence. SEC has delineated the wetland area as Bank at the first observable break in slope. Of note there is a relatively large portion of the bank of the stream (approximately 50 feet by 10 feet) which is currently eroding and taking a portion of your side yard with it.

The majority of the Site is within the 100 foot Buffer Zone to the Bank and therefore within the jurisdiction of the Haverhill Conservation Commission. The culvert under Forest Street appears to be either undersized or is receiving more than usual water runoff, perhaps exacerbating the recent erosion conditions currently present on your site, in my opinion. It appears that the runoff on Forest Street end runs the catch basin here and has caused a relatively large hole to develop at the inlet side of the culvert.

SEC placed one series of wetland flags at the top of the very steep, vertical bank of the stream on the Site:

A1 - A8 (Starts just below the culvert outlet and ends just beyond your security fence in the back yard.)

As stated above, the resource area is Bank and there is a 100 foot Buffer Zone to the stream measured from the wetland flags.

We trust this brief report defines the wetland areas on the Site sufficient for your review. Please feel free to contact the undersigned if you have any questions regarding our delineation.

Sincerely,

SEEKAMP ENVIRONMENTAL CONSULTING, INC.



Patrick D. Seekamp, CWS
Principal / Senior Wetland Scientist

Attachment: Erosion scar photographs

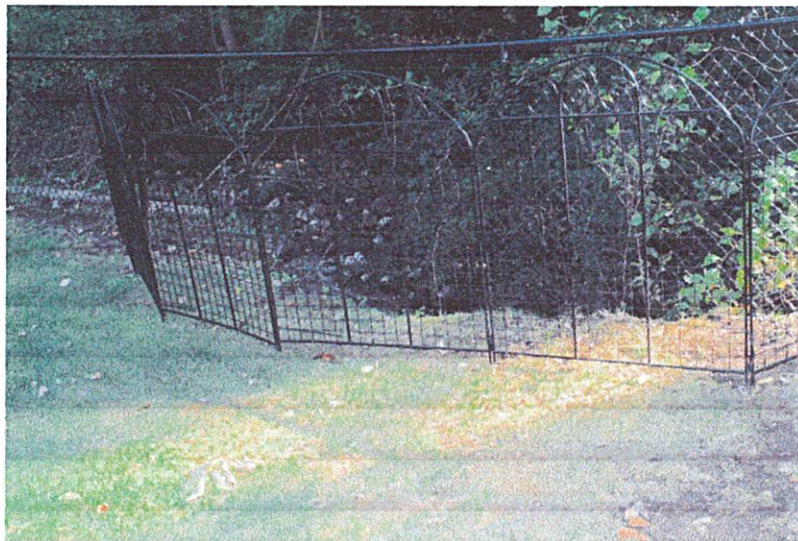
Photos

April 2024



The erosion is contained to 3' - 4'. The decorative temporary fence has three panes.
The original retaining wall on the right of the phot was still integral.

September 2025



After mayor rain event, additional erosion can be seen. From 3 panes on the decorative temporary fence, now it has increased to 6 panes in a little over a year.

June 2026



The original retaining wall is starting to fall and deteriorate.

June 2026



The eroded area is getting bigger, the ground under the of the decorative temporary fence in now gone.

June 2026



Water flowing through during the rain event.