



FLOOD HAZARD DEVELOPMENT APPLICATION

Portland, Maine

(All applicants must complete entire application)

[60.3(e)]

Application is hereby made for a Flood Hazard Development Permit as required under Article II of the Floodplain Management Ordinance of Portland, Maine, for development as defined in said ordinance. This permit application does not preclude the need for other municipal permit applications.

Owner: Diamond Island Association Address: 210 Oak Street South Windsor CT 06074
Phone No.: (860) 550 - 2601

Applicant: Atlantic Environmental, LLC c/o Tim Forrester Address: 135 River Road Woolwich, ME 04579
Phone No.: (207) 837 - 2199

Contractor: Custom Floats Address: 11 Wallace Avenue South Portland, ME 04106
Phone No.: (888) 844 - 9666

LEGAL DESCRIPTION

Is this part of a subdivision? Yes No If yes, give the name of the subdivision and lot number:

Subdivision: _____ Lot #: _____
Tax Map: 083C Lot #: A002
Address: 1 Nancy Lane
Street/Road Name
Zip Code: 04109
Town/Zip Code

General explanation of proposed development: _____
The Applicant proposes to add an additional seasonal float to an existing dock.

Estimated Value of Proposed Development: \$ 10,000
Proposed Lowest Floor elevation [for new or substantially improved structure]: N/A

OTHER PERMITS

Are other permits required from State or Federal jurisdictions? Yes No
If yes, are these other permits attached? Yes No Not Applicable
*Upon Receipt

Federal and State Permits may include but are not limited to: ME/DEP/Natural Resource Protection Act, Site Location of Development Act, Metallic Mineral Exploration, Advanced Exploration and Mining; USACE/Section 9 & 10 of the Rivers and Harbors Act/ Section 404 of the Clean Water Act; Federal Energy Regulation Commission.

SEWER AND WATER

Sewage Disposal: Public Private
 Existing Proposed Not Applicable Type _____
Water Supply: Public Private B-9



07/02/2018

(This section to be completed by Municipal Official)

LOCATION

Flooding Source (name of river, pond, ocean, etc.): Casco Bay

- V1-30 Zone
- VE Zone
- AE Zone
- A1-30 Zone
- A Zone
- AO Zone
- AH Zone
- FRINGE
- FLOODWAY (1/2 width of floodplain in A Zone)

Base Flood Elevation (bfe) at the site: 11 NGVD [Required for New Construction or Substantial Improvement]

Lowest floor elevation of proposed or existing structure: N/A NGVD [Required for New Construction or Substantial Improvement]

If proposed development is in an AE or A1-30 Zone and cross section data is available in the Flood Insurance Study, please note the nearest cross section reference letter and elevation of base flood at nearest cross section above and below the site.

Cross Section Letter	Base Flood Elevation
Above Site _____	Above Site _____ <u>N/A</u>
Below Site _____	Below Site _____

- Basis of unnumbered A Zone bfe determination: N/A
- From a Federal Agency: USGS USDA/NRCS USACE Other _____
 - From a State Agency: MDOT Other _____
 - Established by Professional Land Surveyor
 - Established by Professional Engineer: HEC/RAS HEC II HY 7 TR20 TR55 Quick-2 Other _____
 - Highest Known Water Level
 - Other (Explain) _____

VALUE

If the development involves work on an existing structure, enter the Market Value of existing structure before improvements:
\$ _____ N/A

- New Construction or Substantial Improvement
- Minor improvement or minor addition to existing development

TYPE OF DEVELOPMENT

Check the appropriate box to the left of the type(s) of development requested and complete information for each applicable line:

- 1. Residential Structure Cubic Yards
 - 1a. New Structure _____
 - 1b. Add to Structure _____
 - 1c. Renovations/repairs/maintenance _____
- 2. Non-Residential Structure Number of Acres
 - 2a. New Structure _____
 - 2b. Add to Structure _____
 - 2c. Renovations/repairs/maintenance _____
 - 2d. Floodproofing _____
- 3. Accessory Structure _____
- 4. Functionally Dependent Use:
 - 4a. Dock _____
 - 4b. Pier _____
 - 4c. Boat Ramp _____
 - 4d. Other Float - 12' x 24'
- 5. Paving _____
- 6. Conditional Use (Lobster/Fish Shed seaward of mean high tide)
- 7. Filling³ _____
- 8. Dredging _____
- 9. Excavation _____
- 10. Levee _____
- 11. Drilling _____
- 12. Mining _____
- 13. Dam: Water surface to be created _____
- 14. Water Course Alteration _____
- 15. Storage of equipment or materials _____
- 16. Sewage Disposal System _____
- 17. Water Supply System _____
- 18. Other: Explain _____

Note: Detailed description must be attached with copies of all applicable notifications, state and federal permits.

Note: Conditional Use requires add'l. information due to specific standards, public hearing, and Planning Board review.

¹ Certain prohibitions apply in Velocity Zone



Attach a Site Plan – Drawn to scale with north arrow.

- Show property boundaries, floodway, and floodplain lines.
- Show dimensions of the lot.
- Show dimensions and location of existing and/or proposed development on the site.
- Show areas to be cut and filled.

Attach Statement – describing in detail how each applicable development standard in Article VI will be met.

For New Construction or Substantial Improvement also show:

- Existing and proposed grade elevations adjacent to the walls of the structure done by a Professional Land Surveyor, Architect, or Engineer.
- Location and elevation of temporary elevation reference marks on the site.

Special Note:

Substantial Improvement is defined as any reconstruction, rehabilitation, addition or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Please refer to the floodplain management ordinance, Article XIV, for more complete definitions of New Construction and Substantial Improvement.

Structures in Velocity Zones are not permitted on fill or excavations. Structures must be built on open foundation systems, i.e., columns, piles, posts. Certification of structural design, specifications, plans and construction methods completed by a Professional Engineer or Architect shall accompany the application as required in Article VII.3. of the floodplain management ordinance.

The applicant understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view; and,
- If issued, the permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this application are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____

Signature

or

Authorized Agent: Timothy A. Farnsworth Date: 4/30/2018

Signature

(This section to be completed by Municipal Official)

Date: Submitted 4/30/18; Fee Paid N/A; Reviewed by CEO 6/26/18; Reviewed by Planning Board N/A

Permit # BLDR 2018-00104 Issued by Christina Streeby Date 6/26/18



FLOODPLAIN STANDARDS

City of Portland

Sec. 14-450.8. Standards.

(a) All development: All development shall:

1. Be designed or modified and adequately anchored to prevent flotation (excluding piers and docks), collapse or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy;

The proposed additional float will be supported with pilings driven to refusal in the underlying substrate. The existing pier utilizes the same support system and has resisted collapse and lateral movement.

2. Use construction materials that are resistant to flood damage;

The proposed pier extension will utilize CCA-treated lumber with stainless steel hardware.

3. Use construction methods and practices that will minimize flood damage; and

The proposed pier extension will utilize construction methods and practices that are industry standard.

4. Use electrical, heating, ventilation, plumbing, and air conditioning equipment, and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during flooding conditions.

N/A



FLOOD HAZARD DEVELOPMENT PERMIT For Minor Development

Portland, Maine
(For Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of _____, Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: 083C Lot #: A002

Project Description: The Applicant proposes to add an additional seasonal float to an existing dock.

The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this permit are a true description of the existing property and the proposed development project.

Owner: _____ Date: _____

or
Authorized Agent: Timothy A. Farnsworth Signature Date: 6/26/2018

Issued by: Christina Stacey Signature Date: 6/26/18

Permit #: BLDR2018-00104



Reviewed for Code Compliance
Permitting and Inspections Department
Approved with Conditions
07/02/2018

ATLANTIC
Environmental LLC

135 River Road • Woolwich, ME 04579
207-837-2199 • tim@atlanticenviromaine.com
www.atlanticenviromaine.com

January 31, 2018

To whom it may concern:

By this letter, I authorize Atlantic Environmental LLC to act on my behalf as my Agent for the preparation and submission of all federal, state, and local town or city permit applications and relevant documents and correspondence related to modifications associated with an existing dock for the Diamond Island Association on Great Diamond Island, Portland, Maine. This authorization includes attending meetings and site visits, appearing before all boards, commissions, and/or committees, and providing other services as required for completing the aforementioned tasks.

Thank you for the opportunity to work with you on this project. Should you have any additional questions, please do not hesitate to contact me at 207-837-2199 or via email at tim@atlanticenviromaine.com.

W. Forrester, President
DIA

Signature

January 31, 2018

Date

Sincerely,
Atlantic Environmental LLC.

Timothy A. Forrester

Timothy A. Forrester, Owner