FLOOD HAZARD DEVELOPMENT APPLICATION

(All applicants must complete entire application) [60.3(e)]

Application is hereby ma Ordinance ofPortlan need for other municipal	ade for a Flood Ha nd, Maine, fo permit application	zard Development or development as ns.	t Permit as require defined in said or	ed under Article II of the Floodplain Management dinance. This permit application does not preclude the
Owner: Canal Landin	g, LLC - Leasee	: Waynflete	Address:	360 Spring Street Portland, ME 04106
Phone No.: (207) 774 -	7863, ext. 122	7		
Applicant: ECO-ANALYS	STS, INC. c/o Tir	n Forrester	Address:	P.O. Box 224 Bath, ME 04530
Phone No.: (207) 837	- 2199			
Contractor: Custom Flo	oats		Address:	11 Wallace Avenue South Portland, ME 04106
Phone No.: (888) 844 -	9666			
LEGAL DESCRIPTIO	N			
Is this part of a subdivision	ion? 🗖 Yes 🛛 No	If yes, give th	e name of the sub	division and lot number:
Subdivision:			Lot #:	
Tax Map: 071, Block	k F		Lot #: 003	
Address: 74 West Co Street/J	mmercial St F Road Name	Rear		
Zip Code: 04101				
Town/2	Zip Code			
General explanation of p	roposed developm	ent: The Applica	ant proposes to	construct a rowing facility consisting of a pier,
ramp, and a series of	floats.		<u> </u>	
Estimated Value of Prope	osed Development	:		\$ <u>110,000</u>
Proposed Lowest Floor e	levation [for new	or substantially in	nproved structure]	N/A
OTHER PERMITS				
Are other permits require If yes, a	ed from State or Fe are these other per	deral jurisdiction mits attached?	s? 🖾 Yes 🖾 Yes	□ No □ No X □ Not Applicable
Federal and State P Development Act, and Harbors Act/ Se	ermits may includ Metallic Mineral I ection 404 of the C	e but are not limi Exploration, Adva Clean Water Act; I	ted to: ME/DEP/N anced Exploration Federal Energy Re	Jatural Resource Protection Act, Site Location of and Mining; USACE/Section 9 &10 of the Rivers gulation Commission.
SEWER AND WATER				
Sewage Disposal:	 Public Existing 	 Private Proposed 	□ Not Applicat	- ole Type
water Supply:	LI Public	⊔ Private	B-9	

LOCATION	(This section to be comple	eted by Municipal Official)
Flooding Source (name of river, n	ond ocean etc.):	
□ V1-30 Zone □ VE Zone □ □ FRINGE □ FLOODWA	□ AE Zone □ A1-30 Zone Y (1/2 width of floodplain in A Z	□ A Zone □ AO Zone □ AH Zone Zone)
Base Flood Elevation (bfe) at the s	siteNGVD [Required for	New Construction or Substantial Improvement]
Lowest floor elevation of proposed	d or existing structure NG	VD [Required for New Construction or Substantial Improvement
If proposed development is in an A nearest cross section reference left	AE or A1-30 Zone and cross sect er and elevation of base flood at	ion data is available in the Flood Insurance Study, please note th nearest cross section above and below the site.
Cross Section Letter	Base Flood Elevation	
Above Site	Above Site	
Below Site	Below Site	
Basis of unnumbered A Zone bfe o From a Feder From a State A Established by Established by	determination: al Agency: □ USGS Agency: □ MDOT y Professional Land Surveyor y Professional Engineer □ HEC	USDA/NRCS UUSACE Other] Other //RAS HEC II HY 7 TR20 TR55 Quick-2
□ Highest Know	wn Water Level	A <u>na serie de la presenta de la serie de la presenta de Presenta de la presenta d </u>
🗖 Other (Explai	n)	
VALUE		
If the development involves work \$ New Construction or Substantia TYPE OF DEVELOPMENT	on an existing structure, enter the	Market Value of existing structure before improvements:
Check the appropriate box to the le	eft of the type(s) of development	requested and complete information for each applicable line:
□ 1. Residential Structure	Dimensions	Cubic Yards
\Box 1a. New Structure \Box 1b. Add to Structure		□ 7. Filling
\square 1c. Renovations/repair	rs/maintenance	9. Excavation
□ 2. Non-Residential Structure		□ 10. Levee
🖾 2a. New Structure		□ 11. Drilling
□ 2b. Add to Structure	······································	Number of Acres
□ 2c. Renovations/repair	rs/maintenance	□ 12. Mining
\Box 2d. Floodproofing		LI 13. Dam: Water surface to be created
J. Accessory Structure	·	LI 14. Water Course Alteration
	:	note: Detailed description must be attached with cop
☐ 4b. Pier	······································	I an apprease normations, state and rederal permi
4c. Boat Ramp	20' x 40' pier, 5' x 48' ramp, (6)	□ 16. Sewage Disposal System
🖾 4d. Other	floats that measure 10' x 20', and	□ 17. Water Supply System
□ 5. Paving	(4) floats that measure 8' x 20'	□ 18. Other: Explain
□ 6. Conditional Use (Lobster/Fis	sh Shed seaward of mean high	L
tide)	_	
Note: Conditional Use requires add	d'1. information due to specific	
standards nublic hearing and Plan	ming Board review	1 Cartain prohibitions apply in Valaaity Zona

standards, public hearing, and Planning Board review.

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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 VI.L.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 sue 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:
or Authorized Agent:	Signature Signature	Date: September 1, 2016
	(This section to be completed by Mun	icipal Official)
Date: Submitted;	Fee Paid; Reviewed by CEO.	; Reviewed by Planning Board
Permit #	Issued by	Date

FLOOD HAZARD DEVELOPMENT PERMIT For Minor Development

Portland

_, Maine

(For Development not considered a Substantial Improvement)

Tax Map: 071, Block F Lot #: 003

Project Description: The Applicant proposes to construct a rowing facility consisting of a pier, ramp, and a series of floats.

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:
Signature	
or Authorized Agent:	Date: September 1, 2016
Issued by:	Date:
Permit #:	



November 21, 2015

To Whom It May Concern:

By this letter, I authorize ECO-ANALYSTS, INC., to act 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 the construction of a rowing facility dock for Waynflete located at 232 West Commercial Street in the City of Portland, Maine; to attend meetings, site visits, and appear before all boards, commissions, and committees; and provide other services as required for completing the aforementioned tasks.

AUNER. HAGSTROM

12/22/15

Date

Signature

Print Name

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

Sincerely,

ECO-ANALYSTS, INC

Timethy A. Fametor

Timothy A. Forrester, Biologist, PWS #1933

Aquatic, Marine, Wetland, & Wildlife Inventories and Assessments / Permitting / Project Management / and Expert Witness Services



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RAGE AND WAYNFLETE SCHOOL PLAN

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FIGURE

 04.12.16
 CANAL LANDING

 1"= 20
 PROPOSED SHELL STORAGE AND

 195350129
 PIER / FLOAT EXPANSION

 WAYNFLETE SCHOOL c/o ECO-ANALYSTS

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04.12.16	1" = 20'	: 195350129	
DATE:	SCALE:	JOB NO.:	_
DED	SRB	SRB	3091.04-SITE LAYOU1
DRAWN: I	DESIGNED: 8	CHECKED: §	FILE NAME: 3

	1" = 20'
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DEPARTMENT OF THE ARMY NEW ENGLAND DISTRICT, CORPS OF ENGINEERS 696 VIRGINIA ROAD CONCORD, MASSACHUSETTS 01742-2751

MAINE GENERAL PERMIT (GP) AUTHORIZATION LETTER AND SCREENING SUMMARY

WAYNFLETE	
C/O ANNE HAGSTRO	MC
360 SPRING STREET	
PORTLAND, MAINE	04102

CORPS PERMIT #	NAE-2016-01471
CORPS GP ID#	16-263
STATE ID#	NRPA

DESCRIPTION OF WORK:

To remove up to 100 existing piles from the intertidal area; to construct and maintain a 44' x 20' pile supported pier with a 5' x 48' ramp leading to 2 – 10' x 20' floats and 4 – 8' x 20' floats adjacent, below the mean high water line of the Fore River off 232 West Commercial Street, Map 59A Lots #003 & 004 at Portland, Maine as described on the state of Maine NRPA application entitled "Waynflete" and as shown on plans on 6 sheets dated "April 26, 2016". In addition, a 20' x 120' storage building will be constructed above the mean high water line. SPECIAL CONDITIONS: SEE ATTACHED SHEET

LAT/LONG COORDINATES: 43.642979 N	-70.269358*	W	USGS QUAD:	PORTLAND, MAINE	
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I. CORPS DETERMINATION:

Based on our review of the information you provided, we have determined that your project will have only minimal individual and cumulative impacts on waters and wetlands of the United States. <u>Your work is therefore authorized by the U.S. Army Corps of Engineers under the enclosed Federal</u> <u>Permit, the Maine General Permit (GP).</u> Accordingly, we do not plan to take any further action on this project.

You must perform the activity authorized herein in compliance with all the terms and conditions of the GP [including any attached Additional Conditions and any conditions placed on the State 401 Water Quality Certification including any required mitigation]. Please review the enclosed GP carefully, including the GP conditions beginning on page 5, to familiarize yourself with its contents. You are responsible for complying with all of the GP requirements; therefore you should be certain that whoever does the work fully understands all of the conditions. You may wish to discuss the conditions of this authorization with your contractor to ensure the contractor can accomplish the work in a manner that conforms to all requirements.

If you change the plans or construction methods for work within our jurisdiction, please contact us immediately to discuss modification of this authorization. This office must approve any changes before you undertake them.

Condition 38 of the GP (page 16) provides one year for completion of work that has commenced or is under contract to commence prior to the expiration of the GP on October 13, 2020. You will need to apply for reauthorization for any work within Corps jurisdiction that is not completed by October 13, 2021.

This authorization presumes the work shown on your plans noted above is in waters of the U.S. Should you desire to appeal our jurisdiction, please submit a request for an approved jurisdictional determination in writing to the undersigned.

No work may be started unless and until all other required local, State and Federal licenses and permits have been obtained. This includes but is not limited to a Flood Hazard Development Permit issued by the town if necessary.

II. STATE ACTIONS: PENDING [], ISSU	JED[X], DENIED [] DATE NA		
APPLICATION TYPE: PBR:, TIER 1:	_, TIER 2 :, TIER 3:_X, LURC:	DMR LEASE:	NA:
III. FEDERAL ACTIONS:			
JOINT PROCESSING MEETING:	LEVEL OF REVIEW: CATEGORY 1:	CATEGORY 2: X	_
AUTHORITY (Based on a review of plans and/or	r State/Federal applications): SEC 10_X, 404	10/404	, 103

EXCLUSIONS: The exclusionary criteria identified in the general permit do not apply to this project.

FEDERAL RESOURCE AGENCY OBJECTIONS: EPA_NO_, USF&WS_NO_, NMFS_NO_

If you have any questions on this matter, please contact my staff at 207-623-8367 at our Manchester, Maine Project Office. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at <u>http://per2.nwp.usace.army.mil/survey.html</u>

LEEANN B. NEAL

LEEANN B. NEAL SENIOR PROJECT MANAGER MAINE PROJECT OFFICE

14-

FRANK J. DEL GIÙDICE DATE CHIEF, PERMITS & ENFORCEMENT BRANCH REGULATORY DIVISION



PLEASE NOTE THE FOLLOWING SPECIAL CONDITIONS FOR DEPARTMENT OF THE ARMY GENERAL PERMIT NO. NAE-2016-01471

1. The permittee shall assure that a copy of this permit is at the work site whenever work is being performed and that all personnel performing work at the site of the work authorized by this permit are fully aware of the terms and conditions of the permit. This permit, including its drawings and any appendices and other attachments, shall be made a part of any and all contracts and sub-contracts for work which affects areas of Corps of Engineers' jurisdiction at the site of the work authorized by this permit. This shall be done by including the entire permit in the specifications for the work. If the permit is issued after construction specifications but before receipt of bids or quotes, the entire permit shall be included as an addendum to the specifications. The term "entire permit" includes permit amendments. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contract or sub-contract to comply with all environmental protection provisions of the entire permit, and no contract or sub-contract shall require or allow unauthorized work in areas of Corps of Engineers jurisdiction.

2. The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

3. The permittee shall not interfere with Corps of Engineers personnel or its contractors engaged in hydrographic surveys, maintenance or improvement of the existing FNP. If, in the opinion of the Corps, the permittee's structures or vessels attached to them must be moved to allow for the maintenance or improvement of the existing FNP, the permittee shall move the structures or vessels as directed by the Corps.

4. The permittee shall not hold the Government or its contractor responsible for damage(s) to these structures or any vessels tied to them during surveying or dredging operations.

5. In order to avoid or minimize potential adverse effects to winter flounder spawning and egg development habitat and Essential Fish Habitat ("EFH") prey species, the permittee shall implement the following measures:

a. A turbidity curtain shall be deployed around any areas of pile removal activities and/or any areas of intertidal or sub-tidal excavation and filling.

b. Re-fueling and maintenance of construction vehicles shall be done a safe distance away from the shoreline to prevent incidental spillage into the harbor. Construction equipment associated with barges shall take all reasonable steps to contain incidental spillage of fuel or oils.

c. New/replacement pile installation shall adhere to one of the four methods in (i) -(iv) below:

- i. Piles shall be installed in-the-dry during low water, or
- ii. Piles must be drilled and pinned to ledge, or

iii. Vibratory hammers shall be used to install any size and quantity of wood, concrete or steel piles (no seasonal

restriction), or

iv. Impact hammers shall be used to install any size and quantity of wood, concrete, or steel piles between November 1 to March 14.

6. Seasonal coastal structures such as ramps and floats that are removed from the waterway for a portion of the year shall be stored in an upland location above mean high water and not on mud flats or tidal marsh.

7. The permittee must still obtain any other Federal, State, or local permits as required by law before beginning work. This includes but is not limited to a Flood Hazard Development Permit issued by the town if necessary.

8. This authorization requires you to 1) notify us before beginning work so we may inspect the project, and 2) submit a Compliance Certification Form. You must complete and return the enclosed Work Start Notification Form(s) to this office at least two weeks before the anticipated starting date. You must complete and return the enclosed Compliance Certification Form within one month following the completion of the authorized work and any required mitigation (but not mitigation monitoring, which requires separate submittals).



STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION 17 STATE HOUSE STATION AUGUSTA, MAINE 04333-0017

DEPARTMENT ORDER

IN THE MATTER OF

WAYNFLETE SCHOOL) NATURAL RESOURCES PROTECTION ACT
Portland, Cumberland County) COASTAL WETLAND ALTERATION
PIER SYSTEM AND STORAGE BUILDING) WATER QUALITY CERTIFICATION
L-27017-4P-A-N (approval))
L-27017-2F-B-N (approval)) FINDINGS OF FACT AND ORDER

Pursuant to the provisions of 38 M.R.S.A. Sections 480-A–480-JJ and Section 401 of the Federal Water Pollution Control Act (33 U.S.C. § 1341), the Department of Environmental Protection has considered the application of WAYNFLETE SCHOOL with the supportive data, agency review comments, and other related materials on file and FINDS THE FOLLOWING FACTS:

1. <u>PROJECT DESCRIPTION</u>:

Summary: The applicant proposes to construct a pier system and a storage A building for the use of a rowing team. The pier system will consist of a permanent pier measuring 20 feet wide by 40 feet long, a five-foot wide by 48-foot long ramp, and six floats; two measuring 10 feet wide by 20 feet long and four measuring eight feet wide by 20 feet long. The floats and ramp will be seasonal in nature. The pier will be supported by 15 10-inch pilings and the floats will be supported by 12 10-inch pilings. All of the pilings will be located below the Highest Annual Tide (HAT) line. The project area is heavily developed with industrial and marine businesses and is located in an area where a wharf was once located with only the pilings remaining in places. As such, the applicant plans to remove between 50 and 100 existing pilings from the project site. As designed, the pier system will provide all-tide access which is necessary for the rowing team to utilize the facility. The applicant also proposes to construct a 20-foot wide by 120-foot long storage building that will be constructed approximately five feet from the edge of the coastal wetland. The storage building will house necessary rowing equipment. The proposed project is shown on a plan titled "Canal Landing Proposed Shell Storage and Pier/Float Expansion," designed by Stantec Consulting Services, Inc. and dated April 14, 2016. The project site is located on the south side of West Commercial Street in the City of Portland.

B. Current Use of the Site: The proposed project is located on a 0.19-acre parcel that is leased from Canal Landing, LLC. The parcel is currently developed with a railroad line and undeveloped woods. The larger parcel, which the lease lot is located within, is identified as Lots 003 and 004 on Map 59 of the City of Portland's tax maps.

2. <u>EXISTING SCENIC, AESTHETIC, RECREATIONAL OR NAVIGATIONAL USES:</u>

In accordance with Chapter 315, Assessing and Mitigating Impacts to Scenic and Aesthetic Uses (06-096 CMR 315, effective June 29, 2003), the applicant submitted a

L-27017-4P-A-N/L-27017-2F-B-N

copy of the Department's Visual Evaluation Field Survey Checklist as Appendix A to the application along with a description of the property and the proposed project. The applicant also submitted several photographs of the proposed project site including an aerial photograph of the project site.

The proposed project is located in the Fore River, which is a scenic resource visited by the general public, in part, for the use, observation, enjoyment and appreciation of its natural and cultural visual qualities. The shoreline is heavily developed by commercial operations along both sides of the river. The applicant has also designed the pier system to run parallel to the shoreline to reduce the visibility from the scenic resource.

The proposed project was evaluated using the Department's Visual Impact Assessment Matrix and was found to have an acceptable potential visual impact rating. Based on the information submitted in the application and the visual impact rating, the Department determined that the location and scale of the proposed activity is compatible with the existing visual quality and landscape characteristics found within the viewshed of the scenic resource in the project area.

The Department of Marine Resources (DMR) stated that the proposed project should not cause any significant adverse impact to navigation or recreation.

The Department finds that the proposed activity will not unreasonably interfere with existing scenic, aesthetic, recreational or navigational uses of the protected natural resource.

3. <u>SOIL EROSION</u>:

The applicant submitted an erosion control and construction plan for the proposed project. To construct the proposed pier, the applicant proposes to remove pilings in the vicinity of the project with a vibratory hammer on a floating barge. Should the pilings be suitable for reuse, the applicant intends to use them to secure the floats. Work will be done during periods of low water. The storage building will be Rubb-style or pre-fabricated and will be anchored to either a concrete slab or ground anchors. Minimal excavation will be necessary and the applicant proposes to utilize silt fence and erosion control mulch berms while installing the building.

The Department finds that the activity will not cause unreasonable erosion of soil or sediment nor unreasonably inhibit the natural transfer of soil from the terrestrial to the marine or freshwater environment.

4. <u>HABITAT CONSIDERATIONS</u>:

The project area habitat is located in a heavily developed area for commercial and industrial uses with the intertidal area consisting of rockweed-covered riprap and pilings transitioning to mudflat.

According to the Department's Geographic Information System database there are no mapped Essential or Significant Wildlife Habitats located at the site.

The Department of Marine Resources (DMR) stated that the proposed project is located in an area classified as "Prohibited" for shellfish and no marine worm resources are known to exist at the project site. No eelgrass exists in the project area. As proposed, the DMR finds that the project will have little to no long term impact to marine resources or habitat.

The Department finds that the activity will not unreasonably harm any significant wildlife habitat, freshwater wetland plant habitat, threatened or endangered plant habitat, aquatic or adjacent upland habitat, travel corridor, freshwater, estuarine or marine fisheries or other aquatic life.

5. WATER QUALITY CONSIDERATIONS:

The applicant proposes to use lumber treated with chromated copper arsenate (CCA) to construct the pier. To protect water quality, all CCA-treated lumber must be cured on dry land in a manner that exposes all surfaces to the air for 21 days prior to the start of construction.

Provided that CCA-treated lumber is cured as described above, the Department finds that the proposed project will not violate any state water quality law, including those governing the classification of the State's waters.

6. <u>WETLANDS AND WATERBODIES PROTECTION RULES</u>:

The applicant proposes to directly alter 27 square feet of coastal wetland to install pilings necessary for the pier and float supports. The proposed project will return approximately 25-50 square feet of coastal wetland to mudflat conditions with the removal of the existing pilings. The applicant proposes to indirectly alter approximately 1,920 square feet as a result of shading from the pier, ramp, and floats.

The Wetlands and Waterbodies Protection Rules, 06-096 CMR 310 (effective January 26, 2009), interpret and elaborate on the Natural Resources Protection Act (NRPA) criteria for obtaining a permit. The rules guide the Department in its determination of whether a project's impacts would be unreasonable. A proposed project would generally be found to be unreasonable if it would cause a loss in wetland area, functions and values and there is a practicable alternative to the project that would be less damaging to the environment. Each application for a NRPA permit that involves a coastal wetland alteration must provide an analysis of alternatives in order to demonstrate that a practicable alternative does not exist.

A. Avoidance. No activity may be permitted if there is a practicable alternative to the project that would be less damaging to the environment. The applicant submitted an alternatives analysis for the proposed project completed by Eco-Analysts, Inc. and dated

April 29, 2016. The purpose of the proposed project is to provide all-tide access to the resource for the crew team and a storage building that is in close proximity to the pier system. The applicant considered several alternatives that included not constructing the facility, a seasonal facility, other locations on the parcel, and the use of a public facility.

The rowing team currently stores the shells in a trailer that is kept at the Waynflete School Athletic Facility on Osgood Street. Access to the water is from a ramp and floats located at the bottom of a steep slope on the school grounds. Current conditions require the rowing team to transport the shells from trailer to water for each use. Access is further hindered because the current ramp and float system provides only limited-tide access. The applicant determined that the current means of accessing the water is severely limiting and no longer feasible. A seasonal structure was also considered, however based on the size necessary for a stable structure that provides sufficient area for the team to bring boats to the floats, this alternative was dismissed. In reviewing the shoreline on the parcel, the applicant found that the proposed location allows for the pier to be built within the footprint of existing pilings and will meet the applicable setbacks from the Federal Channel established by the U.S. Army Corps of Engineers and the City of Portland Harbor Commission line. In consideration of using a public facility, the applicant stated that the nearest boat launch is located three miles from the project site but determined that was not an appropriate launch as it can be congested during the boating season and would require the team to trailer the rowing shells for each practice. A marina is located less than a mile from the project site; however it does not provide appropriate means to getting to the water for this type of activity.

Due to the need for a pier system large enough to meet the staging requirements of the rowing team and the size of the building necessary to store the rowing shells, the applicant was not able to find another area on the parcel to locate the building due to the limited lot area available in the lease. To facilitate the frequent removal and storage of the rowing shells and gear, the building needs to be in close proximity to the pier system and therefore the protected resource.

B. Minimal Alteration. The amount of coastal wetland to be altered must be kept to the minimum amount necessary for meeting the overall purpose of the project. The applicant has minimized to the greatest extent practicable by designing the pier system to the minimum dimensions necessary for safe use by the crew team. The applicant has also removed existing pilings in the resource that are not essential to the project which minimizes the overall impact. The applicant does not propose to alter any coastal wetlands to construct the storage building.

C. Compensation. In accordance with Chapter 310 Section 5(C)(6)(b), compensation is not required to achieve the goal of no net loss of coastal wetland functions and values since the project will not result in over 500 square feet of fill in the resource, which is the threshold over which compensation is generally required. Further, the proposed project will not have an adverse impact on marine resources or wildlife habitat as determined by DMR and the Department. For these reasons, the Department determined that compensation is not required.

The Department finds that the applicant has avoided and minimized coastal wetland impacts to the greatest extent practicable, and that the proposed project represents the least environmentally damaging alternative that meets the overall purpose of the project.

7. <u>OTHER CONSIDERATIONS</u>:

The Department did not identify any other issues involving existing scenic, aesthetic, or navigational uses, soil erosion, habitat or fisheries, the natural transfer of soil, natural flow of water, water quality, or flooding.

BASED on the above findings of fact, and subject to the conditions listed below, the Department makes the following conclusions pursuant to 38 M.R.S.A. Sections 480-A–480-JJ and Section 401 of the Federal Water Pollution Control Act:

- A. The proposed activity will not unreasonably interfere with existing scenic, aesthetic, recreational, or navigational uses.
- B. The proposed activity will not cause unreasonable erosion of soil or sediment.
- C. The proposed activity will not unreasonably inhibit the natural transfer of soil from the terrestrial to the marine or freshwater environment.
- D. The proposed activity will not unreasonably harm any significant wildlife habitat, freshwater wetland plant habitat, threatened or endangered plant habitat, aquatic or adjacent upland habitat, travel corridor, freshwater, estuarine, or marine fisheries or other aquatic life.
- E. The proposed activity will not unreasonably interfere with the natural flow of any surface or subsurface waters.
- F. The proposed activity will not violate any state water quality law including those governing the classifications of the State's waters provided that CCA-treated lumber is cured as described in Finding 5.
- G. The proposed activity will not unreasonably cause or increase the flooding of the alteration area or adjacent properties.
- H. The proposed activity is not on or adjacent to a sand dune.
- I. The proposed activity is not on an outstanding river segment as noted in 38 M.R.S.A. § 480-P.

L-27017-4P-A-N/L-27017-2F-B-N

THEREFORE, the Department APPROVES the above noted application of WAYNFLETE SCHOOL to construct a pier system and storage building as described in Finding 1, SUBJECT TO THE ATTACHED CONDITIONS, and all applicable standards and regulations:

- 1. Standard Conditions of Approval, a copy attached.
- The applicant shall take all necessary measures to ensure that its activities or those of its 2. agents do not result in measurable erosion of soil on the site during the construction of the project covered by this approval.
- Severability. The invalidity or unenforceability of any provision, or part thereof, of this 3. License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.
- All CCA-treated lumber shall be cured on dry land in a manner that exposes all surfaces 4. to the air for 21 days prior to the start of construction.

THIS APPROVAL DOES NOT CONSTITUTE OR SUBSTITUTE FOR ANY OTHER REQUIRED STATE, FEDERAL OR LOCAL APPROVALS NOR DOES IT VERIFY COMPLIANCE WITH ANY APPLICABLE SHORELAND ZONING ORDINANCES.

DONE AND DATED IN AUGUSTA, MAINE, THIS 29th DAY OF June ____, 2016.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Man BY:

For: Paul Mercer, Commissioner

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	JUN	29	2016	
Board	State of Envir	e of N	taine ental Protection	1

PLEASE NOTE THE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES.

DC/L27017ANBN/ATS#80523, 80608



Natural Resources Protection Act (NRPA) Standard Conditions

THE FOLLOWING STANDARD CONDITIONS SHALL APPLY TO ALL PERMITS GRANTED UNDER THE NATURAL RESOURCES PROTECTION ACT, 38 M.R.S.A. § 480-A ET SEQ., UNLESS OTHERWISE SPECIFICALLY STATED IN THE PERMIT.

- A. <u>Approval of Variations From Plans.</u> The granting of this permit is dependent upon and limited to the proposals and plans contained in the application and supporting documents submitted and affirmed to by the applicant. Any variation from these plans, proposals, and supporting documents is subject to review and approval prior to implementation.
- B. <u>Compliance With All Applicable Laws.</u> The applicant shall secure and comply with all applicable federal, state, and local licenses, permits, authorizations, conditions, agreements, and orders prior to or during construction and operation, as appropriate.
- C. <u>Erosion Control.</u> The applicant shall take all necessary measures to ensure that his activities or those of his agents do not result in measurable erosion of soils on the site during the construction and operation of the project covered by this Approval.
- D. <u>Compliance With Conditions.</u> Should the project be found, at any time, not to be in compliance with any of the Conditions of this Approval, or should the applicant construct or operate this development in any way other the specified in the Application or Supporting Documents, as modified by the Conditions of this Approval, then the terms of this Approval shall be considered to have been violated.
- E. <u>Time frame for approvals.</u> If construction or operation of the activity is not begun within four years, this permit shall lapse and the applicant shall reapply to the Board for a new permit. The applicant may not begin construction or operation of the activity until a new permit is granted. Reapplications for permits may include information submitted in the initial application by reference. This approval, if construction is begun within the four-year time frame, is valid for seven years. If construction is not completed within the seven-year time frame, the applicant must reapply for, and receive, approval prior to continuing construction.
- F. <u>No Construction Equipment Below High Water</u>. No construction equipment used in the undertaking of an approved activity is allowed below the mean high water line unless otherwise specified by this permit.
- G. <u>Permit Included In Contract Bids.</u> A copy of this permit must be included in or attached to all contract bid specifications for the approved activity.
- H. <u>Permit Shown To Contractor</u>. Work done by a contractor pursuant to this permit shall not begin before the contractor has been shown by the applicant a copy of this permit.

Revised (12/2011/DEP LW0428)



STATE OF MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION 17 STATE HOUSE STATION, AUGUSTA, MAINE 04333

Erosion Control for Homeowners

Before Construction

- 1. If you have hired a contractor, make sure you discuss your permit with them. Talk about what measures they plan to take to control erosion. Everybody involved should understand what the resource is, and where it is located. Most people can identify the edge of a lake or river. However, the edges of wetlands are often not so obvious. Your contractor may be the person actually pushing dirt around, but <u>you are both responsible</u> for complying with the permit.
- 2. Call around to find where erosion control materials are available. Chances are your contractor has these materials already on hand. You probably will need silt fence, hay bales, wooden stakes, grass seed (or conservation mix), and perhaps filter fabric. Places to check for these items include farm & feed supply stores, garden & lawn suppliers, and landscaping companies. It is not always easy to find hay or straw during late winter and early spring. It also may be more expensive during those times of year. Plan ahead -- buy a supply early and keep it under a tarp.
- **3.** Before any soil is disturbed, make sure an erosion control barrier has been installed. The barrier can be either a silt fence, a row of staked hay bales, or both. Use the drawings below as a guide for correct installation and placement. The barrier should be placed as close as possible to the soil-disturbance activity.
- **4.** If a contractor is installing the erosion control barrier, double check it as a precaution. Erosion control barriers should be installed "on the contour", meaning at the same level or elevation across the land slope, whenever possible. This keeps stormwater from flowing to the lowest point along the barrier where it can build up and overflow or destroy the barrier.



During Construction

- 1. Use lots of hay or straw mulch on disturbed soil. The idea behind mulch is to prevent rain from striking the soil directly. It is the force of raindrops hitting the bare ground that makes the soil begin to move downslope with the runoff water, and cause erosion. More than 90% of erosion is prevented by keeping the soil covered.
- 2. Inspect your erosion control barriers frequently. This is especially important after a rainfall. If there is muddy water leaving the project site, then your erosion controls are not working as intended. You or your contractor then need to figure out what can be done to prevent more soil from getting past the barrier.

3. Keep your erosion control barrier up and maintained until you get a good and healthy growth of grass and the area is permanently stabilized.

After Construction

- 1. After your project is finished, seed the area. Note that all ground covers are not equal. For example, a mix of creeping red fescue and Kentucky bluegrass is a good choice for lawns and other high-maintenance areas. But this same seed mix is a poor selection for stabilizing a road shoulder or a cut bank that you don't intend to mow. Your contractor may have experience with different seed mixes, or you might contact a seed supplier for advice.
- 2. Do not spread grass seed after September 15. There is the likelihood that germinating seedlings could be killed by a frost before they have a chance to become established. Instead, mulch the area with a thick layer of hay or straw. In the spring, rake off the mulch and then seed the area. Don't forget to mulch again to hold in moisture and prevent the seed from washing away or being eaten by birds or other animals.
- **3.** Keep your erosion control barrier up and maintained until you get a good and healthy growth of grass and the area is permanently stabilized.

Why Control Erosion?

To Protect Water Quality

When soil erodes into protected resources such as streams, rivers, wetlands, and lakes, it has many bad effects. Eroding soil particles carry phosphorus to the water. An excess of phosphorus can lead to explosions of algae growth in lakes and ponds called blooms. The water will look green and can have green slime in it. If you are near a lake or pond, this is not pleasant for swimming, and when the soil settles out on the bottom, it smothers fish eggs and small animals eaten by fish. There many other effects as well, which are all bad.

To Protect the Soil

It has taken thousands of years for our soil to develop. It usefulness is evident all around us, from sustaining forests and growing our garden vegetables, to even treating our septic wastewater! We cannot afford to waste this valuable resource.

To Save Money (\$\$)

Replacing topsoil or gravel washed off your property can be expensive. You end up paying twice because State and local governments wind up spending your tax dollars to dig out ditches and storm drains that have become choked with sediment from soil erosion.

DEPLW0386 A2012

TO BE POSTED IN A CONSPICUOUS PLACE AT THE CONSTRUCTION SITE

To..... Waynefleet School, Fore River. 232 Commercial Street Portland, Me. The undersigned, Board of Harbor Commissioners for the Harbor of Portland, has carefully considered your application, dated the 9th day of June 2016, for a permit authorizing: The installation of a 20 ft by 40 ft pier, 45 ft gangway and 8 ft by 80 ft float system on submerged lands for private recreational use.

Having given public notice of this pending application, as required by law, and therein designated the 9^{th} day

of June, 2016 at 5 o'clock in the afternoon prevailing time as the time when they would meet

at **South Portland** City Council Chambers to examine this issue and here all interested parties, and having met at the time and place mentioned and examined the location of this proposed

and having heard all interested parties, the Board of Harbor Commissioners for the Harbor of Portland hereby issues this permit which authorizes you to proceed under all applicable local and federal regulations hereinafter stated, and to maintain within the limits mentioned, namely.....

In addition, the construction project described above must be surrounded by a containment boom unless the Board of Harbor Commissioners for the Harbor of Portland has waved this requirement in writing, either as part of the above-listed conditions, or in a separate statement.

This permit is limited authorization, which contains a stated set of conditions with which the permit holder must comply. If a contractor performs the work for you, both you and the contractor are responsible for assuring that the work is done in conformance with the conditions and limitations of this authorization. Please be sure that the person who will be performing the work has read and understands these conditions.

Performing any work not specifically authorized by this permit, or that fails to comply with its conditions, may subject your to the enforcement provisions of Harbor Commission regulations. If any change in plans or construction methods is found necessary, please contact the Harbor Commission immediately to discuss modifications to your authorization. Any change must be approved by the Harbor Commission before it is undertaken.

Nothing in this permit shall be construed to justify or authorize any invasion to the private rights of others. Moreover, nothing in this permit shall limit or modify the authority of the Board of Harbor Commissioners for the Harbor of Portland with its applicable statute. Attested copies will be submitted to the U. S. Army Corps of Engineers, the Department of Environmental protection, the City of Portland, and the City of South Portland.

In Witness Whereof, the members of the Board of Harbor Commissioners for the Harbor of Portland

9th

hereunto set their hands and affix their corporate seal on this

The work authorized to this permit must be completed on or before the 9th day of **June 2017.**

day of

June 2016

Board of Harbor Commissioners for the Harbor of Portland



PAUL R. LEPAGE

GOVERNOR

STATE OF MAINE DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY BUREAU OF PARKS & LANDS 22 STATE HOUSE STATION AUGUSTA, MAINE 04333

WALTER E. WHITCOMB COMMISSIONER

SUBMERGED LANDS EASEMENT – FINAL FINDINGS AND DECISION

APPLICANT: Waynflete School

PROJECT LOCATION: City of Portland

APPLICATION: Bureau of Parks and Lands Submerged Lands Application No. SL1986

PROJECT DESCRIPTION: The applicant proposes to install a 20 ft. by 44 ft. pier, 45 ft. gangway and 8 ft. by 80 ft. float system for private recreational use on submerged lands in the Fore River. The float system would be oriented parallel to the shoreline and would extend approximately 20 feet beyond the mean low-water mark. The proposal would be located on property owned by Canal Landing, LLC and leased to the applicant for an initial 10-year term with one 10-year renewal.

REVIEW COMMENTS: Notification letters were sent to the municipality, abutters and Department of Marine Resources (DMR). No comments in opposition were received.

FINDINGS: Based upon its review of all information in the administrative record, the Bureau of Parks and Lands makes the following findings in accordance with Title 12 M.R.S.A. Sections 1801 & 1862 and pertinent regulations.

PUBLIC ACCESS WAYS:

The project will be associated with the applicant's private property and not on or adjacent to a public access point to the shore. As such, the Bureau finds that the project will not unreasonably interfere with public access ways to submerged lands.

PUBLIC TRUST RIGHTS:

The project will not unreasonably interfere with fishing, fowling, navigation, or other existing marine uses of the area.

RECREATION:

The project will not unreasonably interfere with recreation.

SERVICES AND FACILITIES NECESSARY FOR COMMERCIAL MARINE ACTIVITIES:

The project will not unreasonably diminish the availability of services and facilities necessary for commercial marine activities.

RON HUNT, ACTING OPERATIONS DIRECTOR PARKS & LANDS 18 ELKINS LANE, HARLOW BUILDING



PHONE: (207) 287-3821 Fax: (207) 287-6170 WWW.MAINE.GOV/DACF/

INGRESS AND EGRESS OF RIPARIAN OWNERS:

The project will not unreasonably interfere with ingress and egress of riparian owners.

DECISION: In accordance with Title 12 M.R.S.A. Sections 1801 & 1862, the Director of the Bureau of Parks and Lands has determined that Submerged Lands Easement No. 1776-E-35 will be granted to Waynflete School.

APPEAL RIGHTS: In accordance with 5 M.R.S.A. section 11002 and Maine Rules of Civil Procedure 80C, this decision may be appealed to Superior Court within 30 days after receipt of notice of the decision by a party to this proceeding, or within 40 days from the date of the decision by any other aggrieved person.

Ron Hun, Acting Director of Operations Signed:

Date: 7-19, 2016