

The State of New Hampshire  
**Department of Environmental Services**

**Thomas S. Burack, Commissioner**

*Celebrating 25 Years of Protecting  
New Hampshire's Environment*



October 10, 2012

His Excellency, Governor John H. Lynch  
and The Honorable Council  
State House  
Concord, NH 03301

**REQUESTED ACTION**

Approve Pease Development Authority's request to perform the following work on the Atlantic Ocean, in Hampton. File # 2012-00138. This project will not have significant impact on or adversely affect the values of the Atlantic Ocean.

Impact a total of 4,775 sq. ft. in wetlands jurisdiction for work associated with the waterfront rehabilitation of the Hampton Harbor State Marina including: 1) the installation of 300 linear feet of sheet pile bulkhead approximately 20 inches forward of the existing deteriorated bulkhead and backfill void with annular fill, 2) replacement of the existing fender system consisting of 45 new fender piles along the face of the bulkhead, 3) removal of the 1,200 sq. ft. existing floating dock and replacing it with a 875 sq. ft. floating dock system with associated guide piles and gangway at the northern end of the facility and 4) installation of an additional 650 sq. ft. floating dock system with associated guide piles and gangway at the southern end of the facility.

Amended permit includes: 1) adding 24 additional fender piles (45 piles total), 2) reducing the surface area of the floating dock system from 2,600 sq. ft. to 1,525 sq. ft. by narrowing the width to facilitate the use of JIB cranes for loading and unloading commercial fishing vessels and 3) modifying the bulkhead anchor system from an internal wale to an external wale, thereby improving constructability and reducing the impact distance forward of the existing bulkhead by 10 inches along the entire face of the new sheet pile bulkhead.

The Department imposed the following conditions as part of this approval:

1. All work shall be in accordance with plans by Appledore Marine Engineering, Inc. dated January 2012, as received by the NH Department of Environmental Services (DES) on January 20, 2012. Amendment approved shall be in accordance with plans by Appledore Marine Engineering, Inc. dated September 2012, as received with description of changes required by the DES on October 9, 2012.
2. Any further alteration of areas on this property that are within the jurisdiction of the DES Wetlands Bureau will require a new application and/or further permitting by the Bureau.
3. NH DES Wetlands Bureau Southeast Region staff and the Hampton Conservation Commission shall be notified prior to commencement of work and upon its completion.
4. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

[www.des.nh.gov](http://www.des.nh.gov)

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095  
(603) 271-3503 • TDD Access: Relay NH 1-800-735-2964



5. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and remain in place until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.

#### EXPLANATION

The DES Wetlands Bureau approved this project on 10/10/2012 . DES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 303.02(a)& (b), projects in tidal wetlands and/or surface waters.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a)and(c), Requirements for Application Evaluation, has been considered in the design of the project.
5. DES Staff conducted a field inspection of the proposed project on March 23, 2012. Field inspection determined the project should be approved as demonstrated by the deteriorated condition of existing bulkhead & fender system.
6. Additional float system will not impede navigation, but will provide safe access to the water at the southern end of the facility. Amended plans reduce the surface area of the floating dock system by 1,075 sq. ft.
7. Letter provided by Chief Harbor Master Tracy R. Shattuck states: "We examined the proposed site and found that the project will have no negative effect on navigation in the channel."

Application file documents are being forwarded to the Governor and Executive Council in connection with their consideration of this matter pursuant to RSA 482-A:3,II.(a) as it is a major project in public waters of the state.

We respectfully submit this request for your consideration.

  
Thomas S. Burack  
Commissioner





**COMPLETE**  
DEPARTMENT OF ENVIRONMENTAL SERVICES

WETLANDS BUREAU

JAN 20 2012 29 Hazen Drive, PO Box 95

Concord, NH 03302-0095

Phone: (603) 271-2147 Fax: (603) 271-6588

Website: [www.des.nh.gov/wetlands](http://www.des.nh.gov/wetlands) Email: [wetmail@des.nh.gov](mailto:wetmail@des.nh.gov)

JAN 20 2012



## Standard Dredge and Fill Application Form

The Standard Dredge and Fill application package to be submitted to DES consists of:

1. Application form (this document).
2. Checklist(s) with required information attached. ("Checklist for Submission of your Standard Dredge and Fill Application," and if appropriate, "Compensatory Mitigation Information and Checklist").

Type or print clearly -- missing information may result in your application review being delayed if it is considered administratively incomplete. If you are completing this as a Word version on your computer, use your tab key to move through the document to enter data in the appropriate areas.

If you have questions about any terms used, check the Definitions section of the Instructions.

1.	Name of Landowner* (last, first, middle initial)	Owner daytime phone number	Owner fax number	Owner email
	Pease Development Authority/DPH	(603) 436-8500	(603) 436-2780	<a href="mailto:G.Marconi@peasedev.org">G.Marconi@peasedev.org</a>
* If there are multiple landowners, please attach a separate page with the names of all landowners, and documentation as to the one person who represents the interests of the entire group.				
	Landowner (permanent) mailing address or PO Box	Town/City (owner mailing address)	State	Zip code
	555 Market Street	Portsmouth	NH	03801
2.	Name of Applicant, if not the landowner	Applicant phone number	Applicant fax number	Applicant email
	Geno Marconi	(603) 436-8500	(603) 436-2780	<a href="mailto:G.Marconi@peasedev.org">G.Marconi@peasedev.org</a>
	Applicant street address	Applicant town/city	State	Zip code
	555 Market Street	Portsmouth	NH	03801
3.	Company and Name of Agent	Agent phone number	Agent fax number	Agent email
	Appledore Marine Engineering, Inc. Daniel B. Robbins	(603)-766-1870	(603)-766-4599	<a href="mailto:drobbins@appledoremarine.com">drobbins@appledoremarine.com</a>
	Agent Street mailing address or PO Box	Town/City (agent mailing address)	State	Zip code
	600 State Street Suite E	Portsmouth	NH	03801
4.	Location(s) of the proposed work (fill in below)			
	Street address(es) or nearest intersection(s)	1 Ocean Boulevard		
	Town/City	Tax map	Block	Lot number(s)
	Hampton	298	9	N/A
5.	For projects classified as minor or major Impact, are there any vernal pools located on the subject property? If "Yes," identify and label the location(s) of vernal pool(s) on the project plans.			Circle one: Yes/No

6. Based on information obtained from the Natural Heritage Bureau (NHB), are there any state or federal threatened or endangered species or exemplary natural communities on the subject property? Provide the NHB file number:  and attach the documentation (letter/memo & map) Natural Heritage information can be obtained at [www.nhnaturalheritage.org](http://www.nhnaturalheritage.org). Click on "Services" for links to: 1) the DataCheck web tool, or 2) a hard copy form to obtain the required letter and map from NHB. If you do not have Internet access, you may contact NHB directly at (603) 271-2215 x 323 for information about obtaining the required documentation.

Circle one:  
 Yes  No

7. If there are any state or federal threatened or endangered species or exemplary natural communities located on the subject property, please provide a letter from NHB stating that the applicant has consulted with NHB. The letter should indicate either there is no impact, or include NHB guidelines for preventing or mitigating impacts.

8. Jurisdictional areas(s) where work is proposed; check box(es) below. Check the definitions in the instructions for additional information. (If your resource type is not listed, contact DES for guidance):

Nontidal wetland: swamp, wet meadow, etc.	Bank of surface water body	Intermittent (seasonal) stream		Name of water body from USGS topographic map: Atlantic Ocean – Hampton Harbor
Vernal pool	Lake or pond	Perennial stream or river		Tributary to:
Upland tidal buffer zone	Sand dune	Tidal wetland	<input checked="" type="checkbox"/>	Prime Wetland Buffer (within 100 feet of prime wetland)
Freshwater marsh	Bog/fen (peatland)	Atlantic Ocean	<input checked="" type="checkbox"/>	Municipally designated prime wetland

9. Provide a brief description of all proposed work including: 1) the size of the impact area (square feet) in the resource, 2) the size (in acres) of the entire parcel(s), and 3) the compensatory mitigation proposed, if applicable, per Env-Wt 302.03(c). Attach a separate page if you are not completing this using a computer.

*The project includes rehabilitation to the waterfront and shoreland facilities at Hampton Harbor State Marina.*

*Waterfront rehabilitation includes the installation of approximately 300-lf of sheet pile bulkhead, annular fill, 1100-sf of permanent floating docks and 1700-sf of seasonal floating docks, three 4-ftx40-ft gangways and associated gangway platforms. The proposed floating docks will be moored to fifteen guide pile and an additional four piles will be installed to support the gangway platform. Twenty-one fender piles will be installed against the exposed face of the bulkhead to provide protection from vessels berthing and unloading against the bulkhead. The removals for the waterfront includes removing seventeen existing fender piles, five existing guide piles, two existing concrete mooring blocks, two 4-ftx40-ft existing gangways and 1200-sf of existing floating docks.*

*The shoreland rehabilitation includes repaving approximately 10000-sf of pavement behind the existing bulkhead, replacing and relocating two fuel dispensers and two jib cranes, and installation of one oil waste building. Also included in the rehabilitation are upgrades to the existing security system and replacement/upgrade to the utility lines servicing the pier.*

10. Does the project require compensatory mitigation to offset unavoidable impacts to wetlands? If Yes, attach a copy of the completed Mitigation Checklist. Yes  No

11. Have you requested a waiver of any wetland rules per Env-Wt 204? If Yes, attach your waiver request to this application. Yes  No

12. Is there any DES emergency authorization associated with this property? Are you aware of any DES enforcement issues related to this property? If Yes, provide the file number(s): \_\_\_\_\_ Yes  No

13. Explain why it is necessary to impact a wetland or other jurisdictional area to construct your project.

*The existing bulkhead is in serious condition with heavy corrosion and holes in the splash zone resulting in migration of sediment from behind the bulkhead into Hampton Harbor. The loss of sediment has resulted in sinkholes and subsidence of the paved area behind the bulkhead, requiring loading restrictions along the inboard side of the bulkhead. The existing floating docks are in poor condition with a moderately weathered deck, areas of exposed foam in the float module, and differential elevation between float modules. Without rehabilitation the facility will require complete closure in the near term.*

14.	Explain why your project design proposes less environmental impact on areas in DES Wetlands jurisdiction than other alternatives. What other alternatives were considered? (Attach a separate page if you are not completing this expandable box on a computer)
	<i>Driving new sheet pile in front of the existing bulkhead and backfilling with annular fill is a relatively low-impact permanent repair alternative, and doesn't carry the inherent risk of significant loss of fill into the harbor and temporary support complications associated with removing and replacing the existing bulkhead in-kind. The project will also include removing seventeen (17) fender piles, two (2) concrete mooring blocks, and five (5) guide piles from the site. Fifteen (15) guide piles will be installed to moor the proposed floating docks and four (4) piles to support the gangway platforms. An additional twenty-one (21) fender piles will also be installed. The design will provide for a long service life eliminating the need for more frequent impact to the environment caused by frequent interim repairs to keep the facility operational.</i>

15. Amount of Impact Proposed By Jurisdictional Area				
Indicate whether permanent or temporary impacts. This information is necessary to calculate the fee and classify your project. Leave box blank if not applicable to your proposed project.				
Jurisdictional area	Impact Type (indicate whether temporary or permanent)			
	Dredge	Fill	Structure	Total
Wetlands	NA	NA	NA	sq. ft.
Impacts to very poorly drained soils (only required for pond construction)	NA	NA	NA	sq. ft.
Prime wetland	NA	NA	NA	sq. ft.
Vernal pool	NA	NA	NA	sq. ft.
Prime Wetland Buffer (within 100 feet of designated prime wetland)	NA	NA	NA	sq. ft.
Stream or River	NA	NA	NA	sq. ft.
Bank of stream or river	NA	NA	NA	sq. ft.
Bed of perennial stream	NA	NA	NA	linear feet
	NA	NA	NA	sq. ft.
Thread of Intermittent Stream	NA	NA	NA	linear feet
<b>Bank of Lake (for beach construction &amp; replenishment, bank stabilization)</b>				
Shoreline (see following page for how to calculate this average length)	NA	NA	NA	linear feet
Dredge/fill within bank	NA	NA	NA	sq. ft.
Dredge/fill within bank	NA	NA	NA	cubic yards
<b>Lake or Pond (below full lake elevation) Impacts for docks and structures listed in item 15 are entered below.</b>				
Shoreline subject to impacts	NA	NA	NA	linear feet
	NA	NA	NA	sq. feet
Dredge or fill of lakebed	NA	NA	NA	cubic yards
	NA	NA	NA	sq. ft.
Sand dune	NA	NA	NA	sq. ft.
Tidal wetland (Permanent)	NA	750 sq. ft.	1250 sq. ft.	2000 sq. ft.
Tidal wetland (Temporary)	NA	NA	500 sq. ft. (1700 new-1200 removed)	500 sq. ft.

Upland tidal buffer zone	NA	NA	NA	sq. ft.
Undeveloped?/ Developed? (choose one or both, as appropriate)	NA	NA	NA	sq. ft.

**16. Calculate and provide length of shoreline frontage.**

**Shoreline frontage** is the average of two distances, 1) the actual natural navigable shoreline footage, and 2) a straight line drawn between property lines, both of which are measured at the normal high water line.

(a) Pin to pin distance (linear feet)	(b) Actual natural navigable shoreline (from pin to pin)	$\frac{(a) + (b)}{2}$	Shoreline frontage (linear feet)
1160	1320	1240	1240 lf

**17. Enter the information below if you are proposing any docking structures. Your plans must show proposed and existing docking structures.**

Docking structures (proposed)	Square Feet
Surface area of all permanent structures:	1100 sf
Surface area of all seasonal structures:	1700 sf (less 1200 sf removed)

**18. Other DES Permitting Requirements**

**Y Have you addressed requirements of Comprehensive Shoreland Protection Act (CSPA), RSA 483-B?**

If your property is in the "protected shoreland" -- the area that is within 250 feet of a fourth order stream, a designated river, a lake or pond 10 acres or greater in size (on the DES *Official List of Public Waters*), or tidal water, you will need to comply with the requirements of the Comprehensive Shoreland Protection Act (CSPA).

What is considered "protected shoreland"? To determine if your property is located in "protected shoreland," go to [www.des.nh.gov/cspa](http://www.des.nh.gov/cspa) or the following websites:

- A "fourth order" or larger stream or river ([www.des.nh.gov/cspa](http://www.des.nh.gov/cspa)).
- Any river or river segment designated as protected under the N.H. Designated Rivers Program, RSA 483 ([www.des.nh.gov/rivers/](http://www.des.nh.gov/rivers/)).
- Public waters ([www.des.nh.gov/Dam/](http://www.des.nh.gov/Dam/))
- Tidal waters.

As of July 1, 2008, projects that involve construction, excavation, or filling within the protected shoreland, require a DES Shoreland Permit, unless the work is specifically permitted under a Wetlands Permit, OR exempted under Rule Env-Wq 1406.03 or Env-Wq 1406.04 (see [des.nh.gov/rules/desadmin\\_list.htm#env-wq1400](http://des.nh.gov/rules/desadmin_list.htm#env-wq1400)), and a DES Alteration of Terrain permit 50,000 square feet if any part of disturbance is within the protected shoreland. For more information: [www.des.nh.gov/AOT/](http://www.des.nh.gov/AOT/) and RSA 485-A:17.

**N Does this project require a DES Alteration of Terrain (AoT) permit? If yes, does this application and the other application reflect the same project area in its entirety?**

Date of submittal to DES: \_\_\_\_\_

DES AoT File number: \_\_\_\_\_

**N Does this project require a DES Subdivision or Subsurface Disposal System permit(s)? If yes, does this application and the other application reflect the same project area in its entirety?**

Date of Subsurface/Subdivision application submittal to DES: \_\_\_\_\_

DES Subsurface/Subdivision File number: \_\_\_\_\_

19. In accordance with RSA 482-A:3, XIV (b), I, Geno Marconi, hereby authorize DES to communicate all matters relative to this application electronically with the individual identified below at the email address identified below. I agree to send an electronic return/read receipt of all emails sent by the department and understand that the department will do the same. I also agree that DES will be notified immediately of any change in the email address identified below. Please note that DES limits the size of documents that can be received or stored electronically. Any submittals that have a file size over 5 MB must be provided in hard copy.

(Check one box only and supply email address)

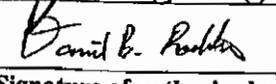
Landowner email: \_\_\_\_\_  Applicant email: \_\_\_\_\_

Agent email: drobbins@appledoremarine.com

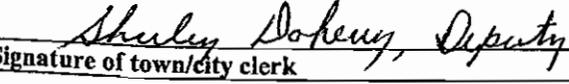
20. **FILING FEE:** A check or money order payable to the NH DES Wetlands Bureau must accompany this application. The minimum fee is \$200. Minor and major impact projects are charged at the rate of: \$0.20 per square foot of requested impact (if less than 1,000 square feet of impact is proposed, the minimum fee of \$200 applies). All applications for shoreline structures shall include a base fee of \$200. In addition, minor and major impact shoreline projects shall include fees charged at the rate of: \$0.20 per square foot for requested dredge or fill impacts; \$1 per square foot for requested seasonal docking structure; and \$2 per square foot for requested permanent docking structure. The application will be considered administratively incomplete until the required fee is paid in full. Attach the appropriate fee calculation worksheet(s).

21. **APPLICANT SIGNATURE.** By signing this application, I am certifying that:

- 1) All abutters have been identified in accordance with the definition given in the instructions and I or my agent have/has sent notices to those abutters by Certified Mail.
- 2) I have read and provided the required information outlined in Env-Wt 302.04 and listed on the "Checklist for Submission of Your Standard Dredge and Fill Application," dated June 2008.
- 3) I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
- 4) I have reviewed the information being submitted and that to my knowledge the information is true and accurate.
- 5) I have submitted a copy of the application materials to the NH State Historic Preservation Officer.
- 6) Authorize the municipal conservation commission to inspect the site of the proposed project.
- 7) I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.

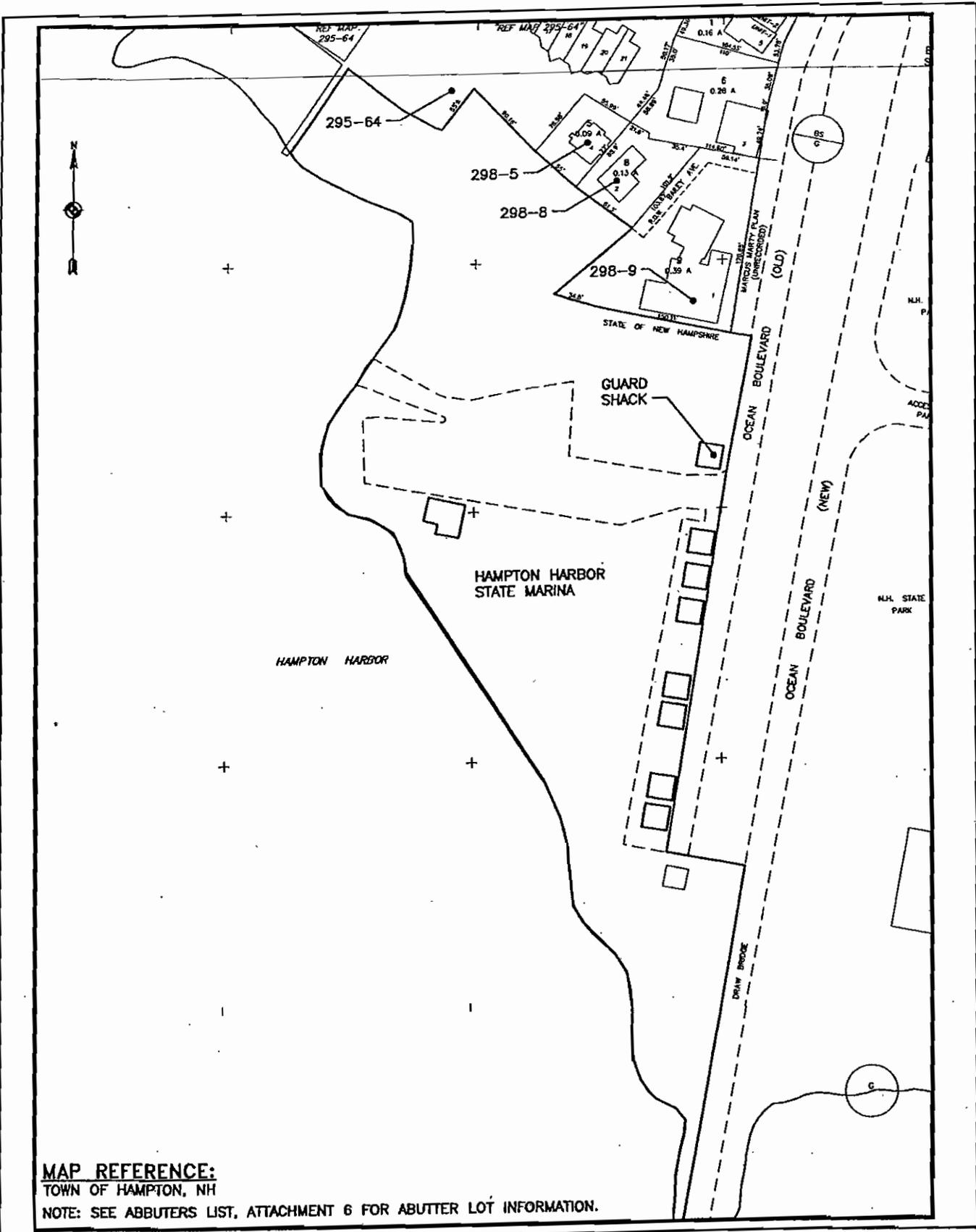
	Geno. M. Marconi	Jan 17, 2012
Signature of applicant(s)	Print applicant's name(s)	Date
	Daniel B. Robbins	January 17, 2012
Signature of authorized agent (if applicable)	Print agent name	Date

22. **TOWN CLERK SIGNATURE:** I hereby certify that the applicant has filed five sets of all materials with the town/city of Hampton as required by Chapter 482-A:3, and I have received and retained certified postal receipts (or copies) for all abutters identified by the applicant. Upon signing the application below, I will forward immediately by certified mail to the DES the original application materials, including the filing fee, and distribute the three copies to each of the following: the local governing body, the municipal planning board, if any, and the municipal conservation commission, if any. Town clerk retains one copy.

	Date
Signature of town/city clerk	Date

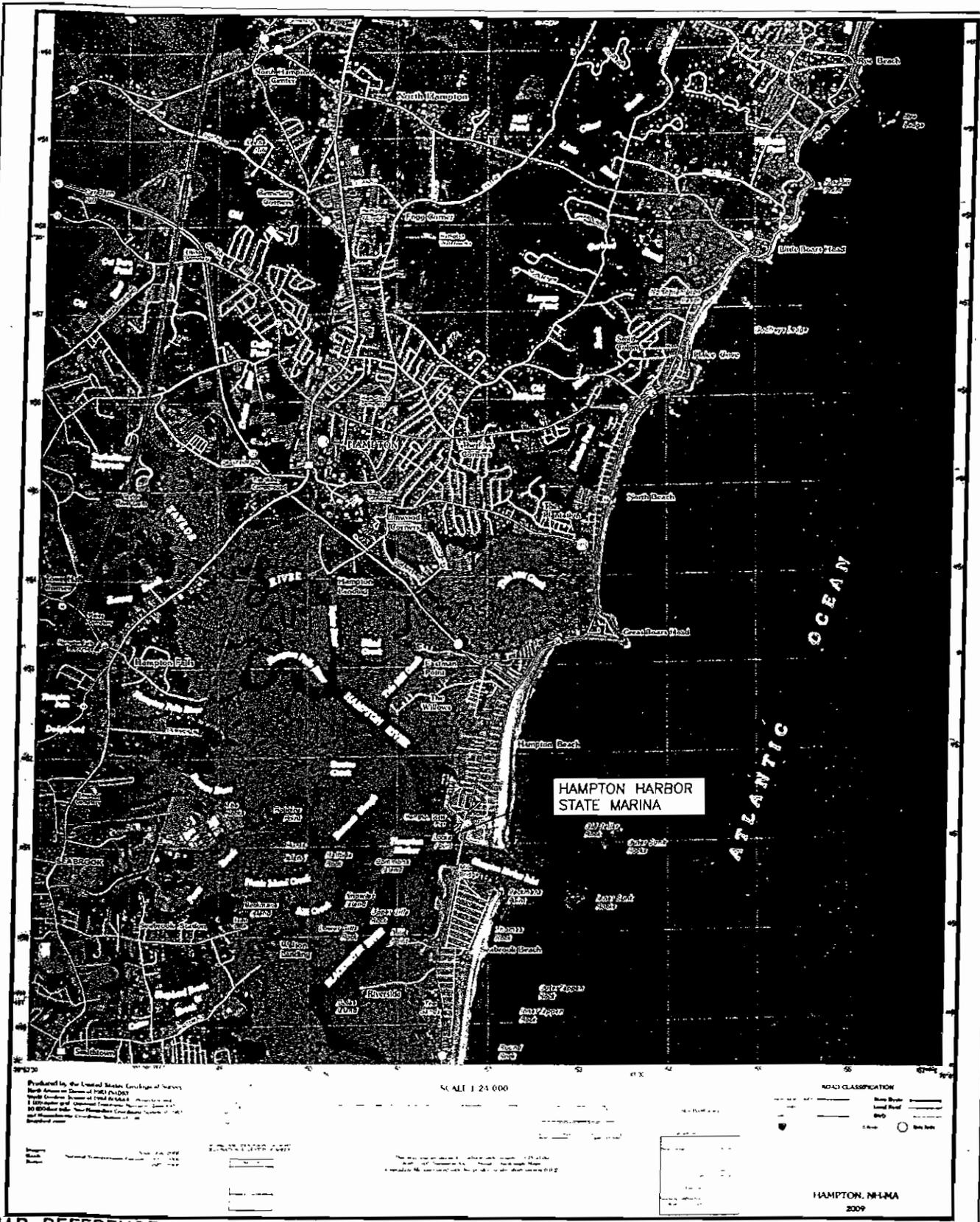
For DES Office Use Only:	4,750.00	DES File #	2012-00138	Name on check:	JR
Fee received (amount):	1/20/12	check#	004681	amount	4,750.00
date of check	date check received	check#	amount	initials	
Additional check:	Date of check:	Date check received:	Check number:	Check amount:	

The U.S. Army Corps of Engineers has reissued its New Hampshire Programmatic General Permit (PGP) effective June 28, 2007. The Corps is requiring the submission of a new Corps Secondary Impacts Checklist to be submitted with the DES wetland application. The Corps will review this information to assess direct, indirect (secondary impacts) and cumulative impacts. The Corps Secondary Impacts Checklist, Appendix B to the New Hampshire PGP, is attached to this DES wetland application. The PGP does not impose any obligation on DES to assess secondary impacts that does not already exist in state law.



**MAP REFERENCE:**  
 TOWN OF HAMPTON, NH  
 NOTE: SEE ABUTTERS LIST, ATTACHMENT 6 FOR ABUTTER LOT INFORMATION.

GRAPHIC SCALE	DATE	 APPLIEDORE MARINE ENGINEERING, INC.	PEASE DEVELOPMENT AUTHORITY DIVISION OF PORTS AND HARBORS PORTSMOUTH, NH	
NOT TO SCALE	JANUARY 2012	PORTSMOUTH, N.H. Contract Number: 1989N1	HAMPTON HARBOR STATE MARINA WATERFRONT REHABILITATION TAX MAP	HAMPTON, NH FIG. NO. <b>3</b>



**MAP REFERENCE:**  
USGS 2009

<p>GRAPHIC SCALE</p>	<p>DATE</p>	 <p>APPLEDRE MARINE ENGINEERING, INC. PORTSMOUTH, N.H.</p>	<p>PEASE DEVELOPMENT AUTHORITY DIVISION OF PORTS AND HARBORS PORTSMOUTH, NH</p>	
<p>AS SHOWN</p>	<p>JANUARY 2012</p>	<p>Contract Number: 19B9N1</p>	<p>HAMPTON HARBOR STATE MARINA WATERFRONT REHABILITATION VICINITY MAP</p>	<p>HAMPTON, NH FIG. NO. 2</p>

**Memo**



NH NATURAL HERITAGE BUREAU

To: Zachary Jenkins, AMEI  
600 State Street, Suite E  
Portsmouth, NH 03801

From: Melissa Coppola, NH Natural Heritage Bureau  
Date: 7/26/2011 (valid for one year from this date)  
Re: Review by NH Natural Heritage Bureau  
NHB File ID: NHB11-1473

Town: Hampton

Location: Near 49 Old Ocean Blvd, Hampton, NH  
03842

Description: Project includes approximately 250-lf of steel bulkhead installation, 18" in front of existing bulkhead with annular fill in between. Project also includes replacement of approximately 1400 sf of existing floating docks, and installation of a 500 sf floating dock along the south side of the bulkhead. Project is owned by Pease Development Authority, Division of Ports and Harbors.

cc: Kim Tuttle, Anthony Tur

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.

Comments: Please send site plans and site photos to NHB for further review. Send requested info to [mcoppola@dred.state.nh.us](mailto:mcoppola@dred.state.nh.us).

Natural Community	State	Federal	Notes
Beach grass grassland	--	--	Dune communities are sensitive to trampling or recreational use that harms the vegetation, since plants growing in the sand serve a critical function in anchoring it in place.
Brackish marsh	--	--	Threats to these communities are primarily alterations to the hydrology of the wetland (such as ditching or tidal restrictions that might affect the sheet flow of tidal waters across the intertidal flat) and increased input of nutrients and pollutants in storm runoff.
High salt marsh	--	--	
intertidal flat	--	--	
Low salt marsh	--	--	
Salt marsh system	--	--	
Subtidal system	--	--	
Plant species	State	Federal	Notes
Beach Grass ( <i>Ammophila breviligulata</i> )	T	--	This species grows in dry dune systems and is sensitive to disturbances that eliminate its habitat or disturb the natural dynamics of the dune area.
Gray's Umbrella Sedge ( <i>Cyperus grayi</i> )	E	--	This species grows in sandplains and disturbed openings, and is sensitive to disturbances that eliminate its habitat.
Hairy Hudsonia ( <i>Hudsonia tomentosa</i> )	T	--	This species requires periodic disturbance to its habitat (disturbed openings, river and

Department of Resources and Economic Development  
Division of Forests and Lands  
(603) 271-2214 fax: 271-6488

DRED/NHB  
PO Box 1856  
Concord NH 03302-1856

# Memo



NH NATURAL HERITAGE BUREAU

streambanks). However, existing plants are very sensitive to trampling when growing on open sand.

This species grows in dry dune systems and is sensitive to disturbances that eliminate its habitat or disturb the natural dynamics of the dune area.

Sand Dropseed (*Sporobolus cryptandrus*)  
Sea-beach Needle Grass (*Aristida tuberculosa*)  
Tall Wormwood (*Artemisia campestris* ssp. *caudata*)

Vertebrate species	State	Federal	Notes
Common Tern ( <i>Sterna hirundo</i> )	T	--	Contact the NH Fish & Game Dept (see below).
Horned Lark ( <i>Eremophila alpestris</i> )	SC	--	Contact the NH Fish & Game Dept (see below).
Piping Plover ( <i>Charadrius melodus</i> )	E	--	Contact the NH Fish & Game Dept and the US Fish & Wildlife Service (see below).
Willet ( <i>Catoptrophorus semipalmatus</i> )	SC	--	Contact the NH Fish & Game Dept (see below).

'Codes: "E" = Endangered, "T" = Threatened, "-" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 10 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544. Contact for federally-listed animals: Anthony Tur, US FWS, at (603) 223-2541.

A negative result (no record in our database) does not mean that a sensitive species is non-existent. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

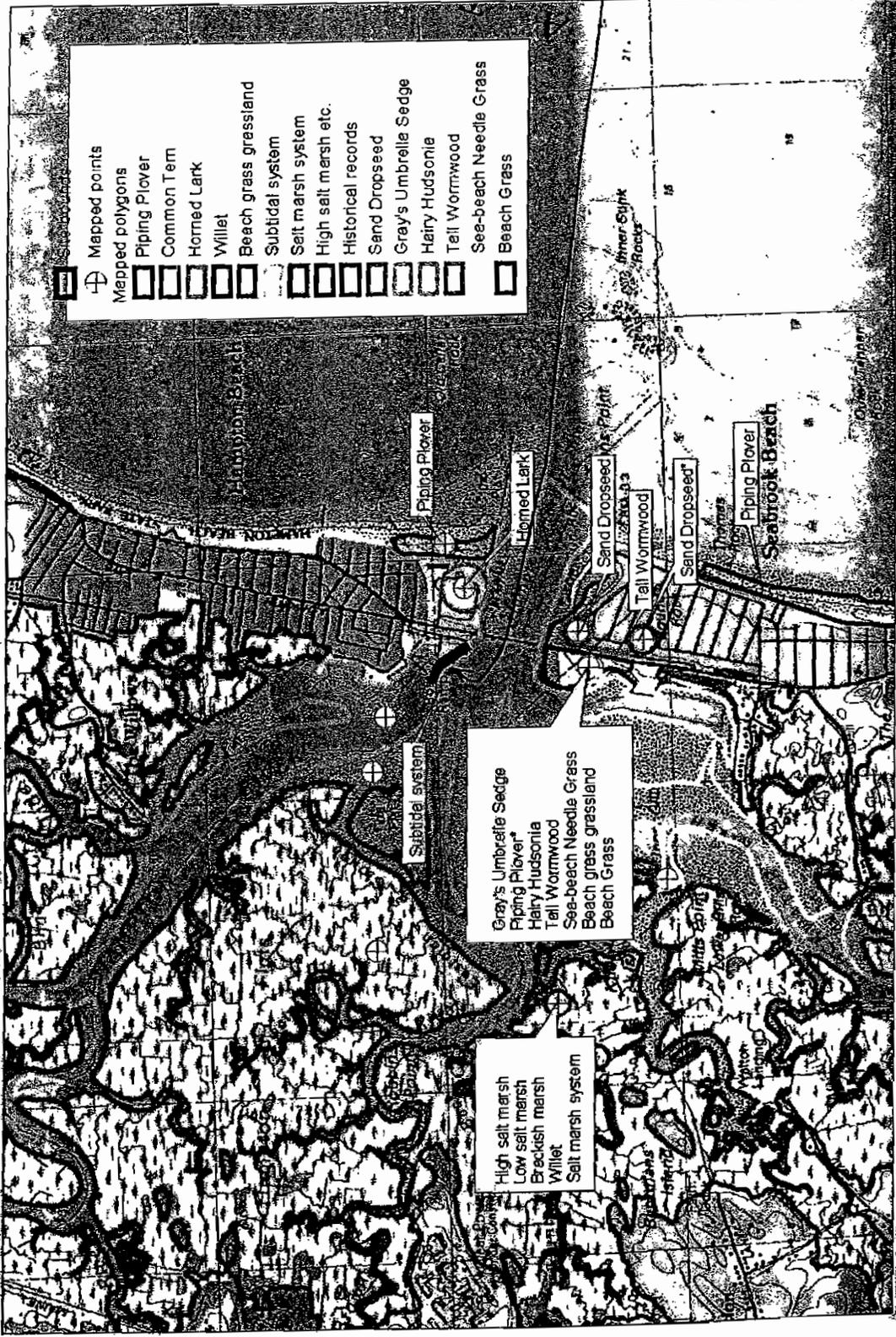
NHB11-1473



NH NATURAL HERITAGE BUREAU

### Known locations of rare species and exemplary natural communities

Note: Mapped locations are not always exact. Occurrences that are not in the vicinity of the project are not shown.



where is the projects MS

\*Historical record



# Appledore Marine Engineering Inc.

600 State Street, Suite E | Portsmouth New Hampshire 03801

346 Commerce Boulevard | Port Saint Joe Florida 32456  
1700 Seventh Avenue | Suite 2100 | Seattle Washington 98101  
Seven Waterfront Plaza | 500 Ala Moana Boulevard Suite 400 | Honolulu Hawaii 96813

## 1989N1 - Hampton Harbor State Marina Waterfront Rehabilitation Abutters List

### Lot 295-64

Waters Edge Yacht Club  
P.O. Box 1500  
Hampton, NH 03043

### Lot 298-5

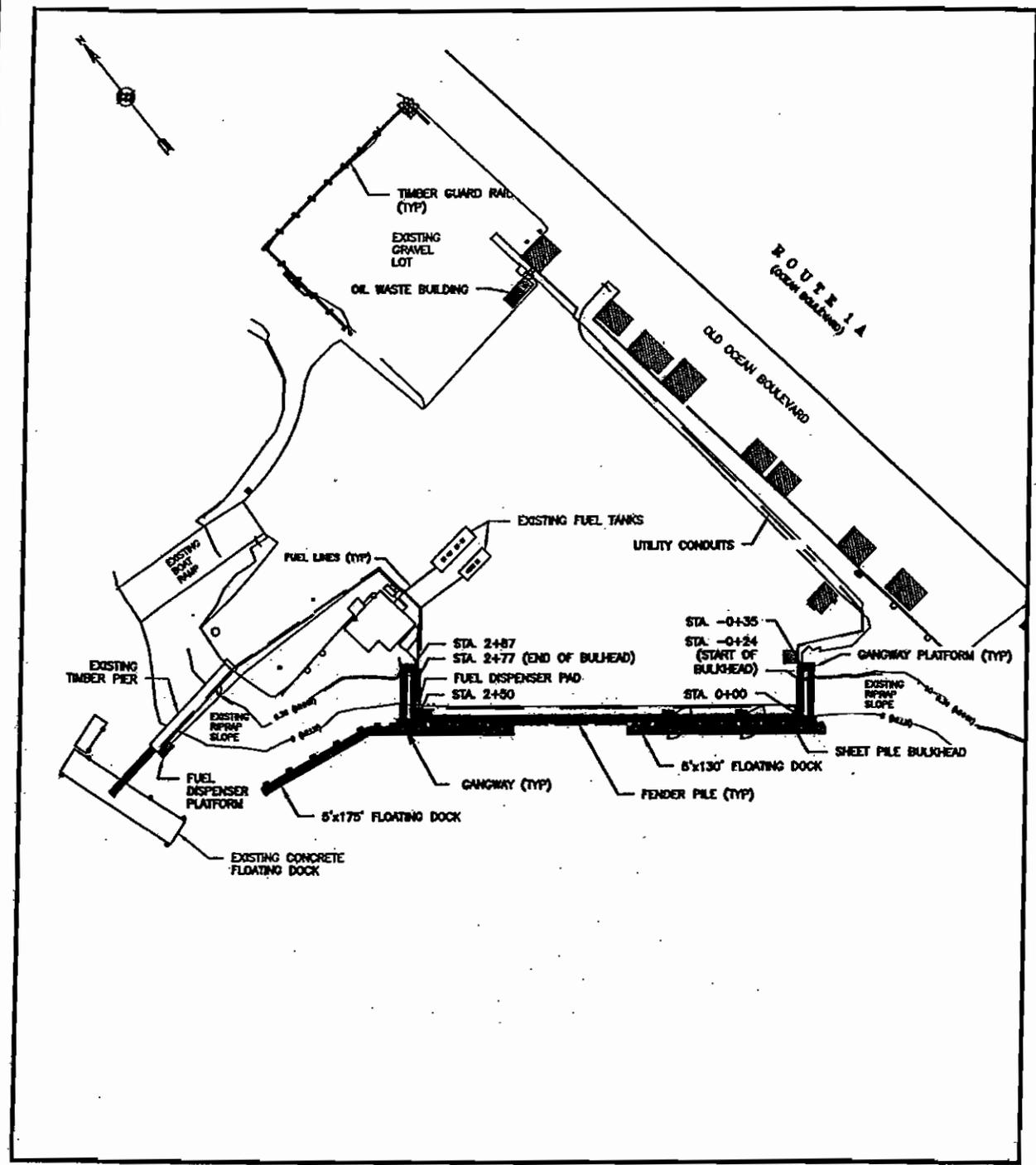
John R. Gebhart  
Linda Chauvin  
4 Bailey Avenue  
Hampton, NH 03842

### Lot 298-9

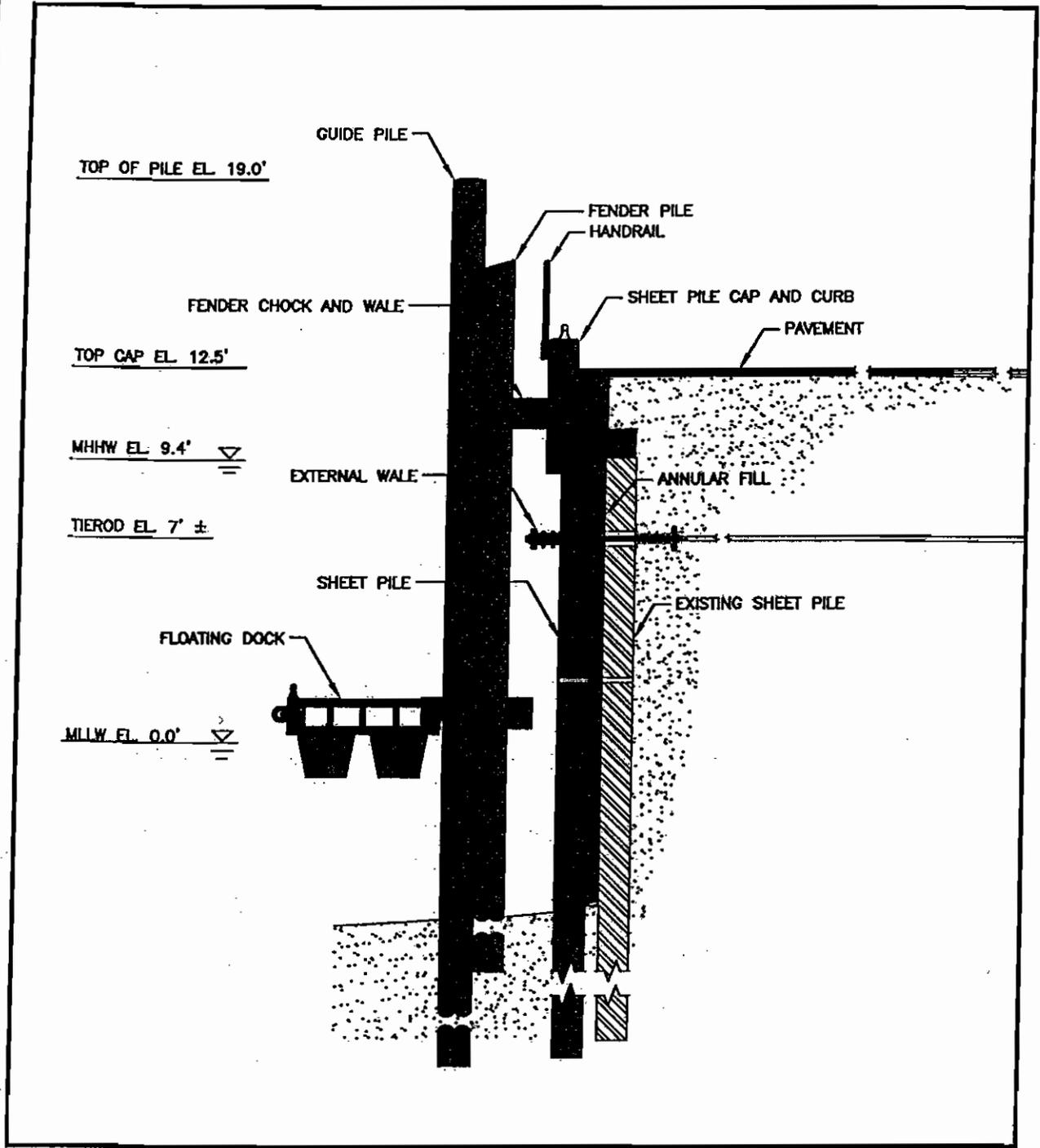
Stooges Realty Trust  
Denise Gauron, Trustee  
1 Ocean Boulevard  
Hampton, NH 03842

### Lot 298-8

Owen G. Carter Revocable Trust  
49 Kings Highway  
Hampton, NH 03842



<p>GRAPHIC SCALE</p>	<p>DATE</p>	<p>APPLEDORE MARINE ENGINEERING, INC.</p>	<p>PEASE DEVELOPMENT AUTHORITY DIVISION OF PORTS AND HARBORS PORTSMOUTH, NH</p>	
<p>0      100'      200'</p>	<p>SEPTEMBER 2012</p>	<p>PORTSMOUTH, N.H. Contract Number: 1989N1</p>	<p>HAMPTON HARBOR STATE MARINA      HAMPTON, NH</p> <p>WATERFRONT REHABILITATION PROPOSED SITE PLAN</p>	<p>FIG. NO. 1</p>



<p>GRAPHIC SCALE</p>	<p>DATE</p>	<p>APPLEDORE MARINE ENGINEERING, INC.</p>	<p>PEASE DEVELOPMENT AUTHORITY DIVISION OF PORTS AND HARBORS PORTSMOUTH, NH</p>	
<p>0      5'      10'</p>	<p>SEPTEMBER 2012</p>	<p>PORTSMOUTH, N.H. Contract Number: 1989N1</p>	<p>HAMPTON HARBOR STATE MARINA      HAMPTON, NH</p> <p>WATERFRONT REHABILITATION PROPOSED SITE SECTION</p>	<p>FIG. NO. 2</p>

