## **NOTICE OF INTENT**

CLARK'S COVE PUBLIC ACCESS FACILITY
WEST RODNEY FRENCH BOULEVARD
NEW BEDFORD, MA



### Prepared for:

City of New Bedford &
Massachusetts Department of Fish and Game
Office of Fishing and Boating Access
1 Rabbit Hill Road
Westborough, MA

Prepared By:



15 Creek Road | Marion, Massachusetts 02738 t: 508.748.0937 | www.cleengineering.com



## WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number
New Bedford
City/Town

### Important:

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





Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

### A. General Information

West Rodney Fr	ench Boulevard	New Bedford	02740		
a. Street Address	<u> </u>	b. City/Town	c. Zip Code		
المختلف مسطامة	و ما المراجعة	41d60'02.37"	70d91'33.14"		
Latitude and Lon	igitude:	d. Latitude	e. Longitude		
7		5			
f. Assessors Map/Pla	at Number	g. Parcel /Lot Number			
. Applicant:					
	NB) & Douglas Cameron (C				
a. First Name	ford (ND) 9 MA Dont of E	b. Last Name	or and Doot Assess (OFD)		
c. Organization	ord (NB) & WA Dept. of Fi	sh and Game- Office of Fishir	ng and Boat Access (OFBA		
•	Wharf P.O. Box 50899 Nev	w Bedford, MA 02745 & 1 Ral	obit Hill Road-		
d. Street Address	Wildin 1 .O. Box 00000 No.	W Boalora, W/Y 027 40 a 1 Ital	obit i iii rtodd		
Westborough		MA	01581		
e. City/Town		f. State	g. Zip Code		
508-389-7812	508-389-7890	doug.cameron@state.n	na.us &		
h. Phone Number					
a. First Name		b. Last Name			
c. Organization					
d. Street Address					
e. City/Town		f. State	g. Zip Code		
h. Phone Number	i. Fax Number	j. Email address			
. Representative (	Representative (if any):				
Michael		Count			
a. First Name		b. Last Name			
CLE Engineering	g, Inc.				
c. Company					
15 Creek Road					
d. Street Address					
Marion		MA	02043		
e. City/Town	E00 740 4000	f. State	g. Zip Code		
508-748-0937	508-748-1363 i. Fax Number	MCount@cleengineerin	ig.com		
h. Phone Number		,			
	Paid (from NOI Wetland Fe	ee Transmittal Form):			
EXEMPT a. Total Fee Paid	<del></del>				
	h Sta	ate Fee Paid c. 0	City/Town Fee Paid		

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Α.	A. General Information (continued)			
6.	6. General Project Description:			
Proposed dredging to -3' MLW plus 1' allowable overdredge to -4'MLW (+/- 85 CY), to reraccumulated sediment in the approximate 100 foot by 25 foot area at the seaward end of boat ramp located at the Clark's Cove Public Access Facility. The project includes +/- 85 nourishment at the northern adjacent beach area.				
7a.	7a. Project Type Checklist: (Limited Project Types see Sec	etion A. 7b.)		
	1. Single Family Home 2.	Residential Subdivision		
	3. Commercial/Industrial 4.	☐ Dock/Pier		
	5. Utilities 6.	☐ Coastal engineering Structure		
	7. Agriculture (e.g., cranberries, forestry) 8.	☐ Transportation		
	9. 🛛 Other			
7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecc Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?  1. Yes No If yes, describe which limited project applies to this project. (See 310 10.24 and 10.53 for a complete list and description of limited project 2. Limited Project Type				
	If the proposed activity is eligible to be treated as an Ec CMR10.24(8), 310 CMR 10.53(4)), complete and attach Project Checklist and Signed Certification.			
8.	Property recorded at the Registry of Deeds for:			
	Bristol			
	a. County b. C 31 22	Certificate # (if registered land) 4		
		Page Number		
В.	B. Buffer Zone & Resource Area Impact	S (temporary & permanent)		
1. 2.	Vegetated Wetland, Inland Bank, or Coastal Resou	rce Area.		
	Check all that apply below. Attach narrative and any supproject will meet all performance standards for each of the standards for each of the standards.			

standards requiring consideration of alternative project design or location.

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For all projects

affecting other

explaining how

the resource

area was

delineated.

Resource Areas, please attach a narrative

## Massachusetts Department of Environmental Protection Bureau of Resource Protection - Wetlands

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## B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Resource Area Size of Proposed Alteration Proposed Replacement (if any) а. П Bank 1. linear feet 2. linear feet b. П **Bordering Vegetated** Wetland 1. square feet 2. square feet c. 🗌 Land Under 1. square feet 2. square feet Waterbodies and Waterways 3. cubic yards dredged Proposed Replacement (if any) Resource Area Size of Proposed Alteration d. 🗌 **Bordering Land** 1. square feet 2. square feet Subject to Flooding 3. cubic feet of flood storage lost 4. cubic feet replaced е. П Isolated Land 1. square feet Subject to Flooding 2. cubic feet of flood storage lost 3. cubic feet replaced f.  $\square$ Riverfront Area 1. Name of Waterway (if available) - specify coastal or inland Width of Riverfront Area (check one): 25 ft. - Designated Densely Developed Areas only 100 ft. - New agricultural projects only 200 ft. - All other projects 3. Total area of Riverfront Area on the site of the proposed project: square feet 4. Proposed alteration of the Riverfront Area: a. total square feet b. square feet within 100 ft. c. square feet between 100 ft. and 200 ft. 5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes☐ No 6. Was the lot where the activity is proposed created prior to August 1, 1996? ☐ Yes ☐ No 3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

**Note:** for coastal riverfront areas, please complete **Section B.2.f.** above.

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### B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your
document
transaction
number
(provided on your
receipt page)
with all
supplementary
information you
submit to the
Department.

5.

	Resou	rce Area	Size of Proposed Alteration	Proposed Replacement (if any)
	a. Designated Port Areas		Indicate size under Land Under	er the Ocean, below
	b. 🛚	Land Under the Ocean	2,241 1. square feet +/- 85 2. cubic yards dredged	
	c. 🗌	Barrier Beach	Indicate size under Coastal Bea	ches and/or Coastal Dunes below
	d. 🔀	Coastal Beaches	1,159 1. square feet	+/- 85 2. cubic yards beach nourishment
	е. 🗌	Coastal Dunes	1. square feet	2. cubic yards dune nourishment
			Size of Proposed Alteration	Proposed Replacement (if any)
	f.	Coastal Banks	1. linear feet	
	g. 🗌	Rocky Intertidal Shores	1. square feet	
	h. 🗌	Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
	i. 🗌	Land Under Salt Ponds	1. square feet	
	j. 🔀	Land Containing Shellfish	cubic yards dredged     3,400  1. square feet	
	k. 🗌	Fish Runs		ks, inland Bank, Land Under the er Waterbodies and Waterways,
	ı. 🖂	Land Subject to	1. cubic yards dredged	
4		Coastal Storm Flowage	1. square feet	
4.	If the p		f restoring or enhancing a wetland tered in Section B.2.b or B.3.h abo	
a. square feet of BVW			b. square feet of S	Salt Marsh
5.	☐ Pr	oject Involves Stream Cros	ssings	
a. number of new stream crossings		er of new stream crossings	b. number of repla	acement stream crossings

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## WPA Form 3 – Notice of Intent

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\ <i>1</i> -	socochucotto Wotlanda Drataction Act M.C.	1 ~ 101 510	
VIC	assachusetts Wetlands Protection Act M.G.	L. C. 131, 940	New Bedford
			City/Town
C.	Other Applicable Standards and F	Requirements	
	This is a proposal for an Ecological Restoration complete Appendix A: Ecological Restoration 10.11).		
Str	eamlined Massachusetts Endangered Spec	ies Act/Wetlands	Protection Act Review
1.	Is any portion of the proposed project located in Esthe most recent Estimated Habitat Map of State-Li Natural Heritage and Endangered Species Program Massachusetts Natural Heritage Atlas or go to		

Photographs representative of the site

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<sup>\*</sup> Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

<sup>\*\*</sup> MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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

	(c) MESA filing fee (fee information available at <a href="http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm">http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm</a> ).				
	Make check payable to "Commonwealth of Massachusetts - NHESP" and <i>mail to NHESP</i> at above address				
	Project	s altering <b>10 or more acres</b> of land, also sub	mit:		
	(d)	Vegetation cover type map of site			
	(e)	Project plans showing Priority & Estima	ated Habitat boundaries		
	(f) OF	R Check One of the Following			
	1. 🗌	Project is exempt from MESA review. Attach applicant letter indicating which <a href="http://www.mass.gov/dfwele/dfw/nhesp">http://www.mass.gov/dfwele/dfw/nhesp</a> the NOI must still be sent to NHESP if 310 CMR 10.37 and 10.59.)	<u>/regulatory_review/mesa</u>	mesa_exemptions.htm;	
	2. 🗌	Separate MESA review ongoing.	a. NHESP Tracking #	b. Date submitted to NHESP	
	3. 🗌	Separate MESA review completed. Include copy of NHESP "no Take" dete Permit with approved plan.	rmination or valid Conser	vation & Management	
3.	3. For coastal projects only, is any portion of the proposed project located below the mean high wat line or in a fish run?		w the mean high water		
	a. Not a	applicable – project is in inland resource	area only b. ⊠ Yes	☐ No	
	If yes, inclu	ude proof of mailing, hand delivery, or ele	ectronic delivery of NOI to	either:	
	South Shore the Cape &	e - Cohasset to Rhode Island border, and Islands:	North Shore - Hull to New	Hampshire border:	
Division of Marine Fisheries - Southeast Marine Fisheries Station Attn: Environmental Reviewer 1213 Purchase Street – 3rd Floor New Bedford, MA 02740-6694 Email: <a href="mailto:DMF.EnvReview-South@state.ma.us">Division of Marine Fisheries North Shore Office Attn: Environmental Review 30 Emerson Avenue Gloucester, MA 01930 Email: <a href="mailto:DMF.EnvReview-South@state.ma.us">DMF.EnvReview-South@state.ma.us</a></a>		wer			

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

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

	4.	Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?	
Online Users: Include your document		a.   Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). <b>Note:</b> electronic filers click on Website.	
transaction number		b. ACEC	
(provided on your receipt page) with all	<ol> <li>Is any portion of the proposed project within an area designated as an Outstanding Resc (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR</li> </ol>		
supplementary		a. 🗌 Yes 🔀 No	
information you submit to the Department.	6.	Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)	
		a. 🗌 Yes 🗵 No	
	7.	Is this project subject to provisions of the MassDEP Stormwater Management Standards?	
		<ul> <li>Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:</li> <li>Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)</li> </ul>	
		2. A portion of the site constitutes redevelopment	
		3. Proprietary BMPs are included in the Stormwater Management System.	
		b. No. Check why the project is exempt:	
		1. Single-family house	
		2. Emergency road repair	
		3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.	
	D.	Additional Information	
		This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).	
		Applicants must include the following with this Notice of Intent (NOI). See instructions for details.	
		<b>Online Users:</b> Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.	
		1. Substituting Sufficient information for the Conservation Commission and the Department to locate the site (Electronic filers may omit this item.)	

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to the boundaries of each affected resource area.

Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative

2.



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### D. Additional Information (cont'd)

		(**************************************							
	3. 🗵	3. A Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.							
	4. 🛛	List the titles and dates for all plans and ot	her materials submitted with this NOI.						
	Cla	Clark's Cove Public Access Facility							
		Plan Title							
	CL	E Engineering	Susan E. Nilson, P.E.						
		Prepared By	c. Signed and Stamped by						
		9/16	As noted						
		Final Revision Date	e. Scale						
	f. A	dditional Plan or Document Title	g. Date						
	5.	_							
	6.	Attach proof of mailing for Natural Heritage	e and Endangered Species Program, if needed.						
	7. 🛛	Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.							
	8. 🛛	Attach NOI Wetland Fee Transmittal Form	and Fee Transmittal Form						
	9.	Attach Stormwater Report, if needed.							
Ē.	Fees								
<ol> <li>Fee Exempt: No filing fee shall be assessed for projects of any city, town, count of the Commonwealth, federally recognized Indian tribe housing authority, muni authority, or the Massachusetts Bay Transportation Authority.</li> </ol>									
Applicants must submit the following information (in addition to pages 1 and 2 of the NC Fee Transmittal Form) to confirm fee payment:									
	EXEM								
	2. Munic	ipal Check Number	3. Check date						
	4. State Check Number		5. Check date						
	6. Payor	name on check: First Name	7. Payor name on check: Last Name						

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MassDEP File Number

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### F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date

Douglas H. Cameron

3. Signature of Property Owner (if different)

5. Signature of Representative (if any)

6. Date

### For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

#### For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

#### Other

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



## **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

### **NOI Wetland Fee Transmittal Form**

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

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

2





Α.	Applicant Info	ormation						
1.	Location of Project:							
	West Rodney Boule	vard	New Bedford	New Bedford				
	a. Street Address		b. City/Town					
	EXEMPT							
	c. Check number		d. Fee amount					
2.	Applicant Mailing Ad	ddress:						
	David Condon(NB)	& Douglas Cameron(OF	BA)					
	a. First Name		b. Last Name					
	City of New Bedford	(NB) & MA Dept. of Fis	h and Game- Office of Fishing and E	Boat Access (OFBA)				
	c. Organization							
	52 Fisherman's Wharf P.O. Box 50899 New Bedford, MA 02745 & 1 Rabbit Hill Road							
	d. Mailing Address							
	Westborough		<u>MA</u>	01581				
	e. City/Town		f. State	g. Zip Code				
	508-389-7812	508-389-7890	doug.cameron@state.ma.u					
	h. Phone Number	i. Fax Number	David.Condon@newbedford-ma	a.gov				
3.	Property Owner (if different):							
	a. First Name		b. Last Name	b. Last Name				
	c. Organization							
	d. Mailing Address							
	e. City/Town		f. State	g. Zip Code				
	h. Phone Number	i. Fax Number	j. Email Address					

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

### B. Fees

Fee should be calculated using the following process & worksheet. Please see Instructions before filling out worksheet.

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

### **NOI Wetland Fee Transmittal Form**

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

B.	Fees (continued)			
	Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
	Municipal Exempt		-	_
			-	_
		Step 5/To	otal Project Fee	:
		Step 6/	Fee Payments:	
		Total	Project Fee:	a. Total Fee from Step 5
		State share	of filing Fee:	b. 1/2 Total Fee <b>less \$</b> 12.50
		City/Town share	e of filling Fee:	c. 1/2 Total Fee <b>plus</b> \$12.50

## C. Submittal Requirements

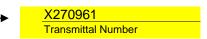
a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection Box 4062 Boston, MA 02211

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

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

### **Enter your transmittal number**



Your unique Transmittal Number can be accessed online: <a href="http://mass.gov/dep/service/online/trasmfrm.shtml">http://mass.gov/dep/service/online/trasmfrm.shtml</a>

**Massachusetts Department of Environmental Protection** 

## **Transmittal Form for Permit Application and Payment**

1. Please type or	<u>A.</u>	Permit Information							
print. A separate Transmittal Form		BRP WPA Form 3		Notice of Intent					
must be completed		Permit Code: 7 or 8 character code from permit instructions		2. Name of Permit Category					
for each permit application.		Dredging							
аррисацоп.		3. Type of Project or Activity							
2. Make your									
check payable to the Commonwealth	В.	<b>Applicant Information – Firm</b>	or Individua	al					
of Massachusetts		City of New Bedford (NB) & MA Dept	of Fish and G	ame- Office of Fi	shing and Boat Acce	ss (OFBA)			
and mail it with a	a 1. Name of Firm - Or, if party needing this approval is an individual enter name below:								
copy of this form to: DEP, P.O. Box		David Condon (NB) &	BA)						
4062, Boston, MA		2. Last Name of Individual	3. First	Name of Individual	·	4. MI			
02211.		1 Rabbit Hill Road							
2 Three conics of		5. Street Address		0.4.5.0.4	500 000 7040				
<b>3.</b> Three copies of this form will be		Westborough	MA	01581	508-389-7812				
needed.		6. City/Town	7. State	8. Zip Code	9. Telephone #	10. Ext. #			
Copy 1 - the		Douglas Cameron  11. Contact Person		Doug.Cameron	હાલાંe.ma.us & ∮newbedford-ma.gov	•			
original must		11. Contact Ferson		David.Condone	enewbediord-ma.gov	•			
accompany your	_	Facility, Site or Individual Red	nuirina Ann	roval					
permit application.  Copy 2 must	C.		duiting App	iovai					
accompany your		Clarks Cove Public Access Facility							
fee payment.		Name of Facility, Site Or Individual							
Copy 3 should be retained for your		West Rodney Boulevard							
records		Street Address     New Bedford	MA	02740					
		3. City/Town	4. State	5. Zip Code	6. Telephone #	7. Ext. #			
<b>4.</b> Both fee-paying and exempt				·		•			
applicants must mail a copy of this transmittal form to:		8. DEP Facility Number (if Known)							
transmittar form to.	D.	D. Application Prepared by (if different from Section B)*							
MassDEP		CLE Engineering, Inc.							
P.O. Box 4062 Boston, MA		1. Name of Firm Or Individual							
02211		15 Creek Road							
		2. Address							
* Note:		Marion	MA	02738	(508) 748-0937				
For BWSC Permits,		3. City/Town	4. State	5. Zip Code	6. Telephone #	7. Ext. #			
enter the LSP.		Michael E. Count		0 1 0D Novel as (D)A	(00 Daniel and )				
		8. Contact Person		9. LSP Number (BW	7SC Permits only)				
	E.	Permit - Project Coordination							
	Is this project subject to MEPA review? ☐ yes ☒ no								
	If yes, enter the project's EOEA file number - assigned when an								
	Environmental Notification Form is submitted to the MEPA unit:								
	EOEA File Number								
	F. Amount Due								
DEP Use Only	EP Use Only Special Provisions:								
5 (1.11	1.				or less).				
Permit No:	2	There are no fee exemptions for BWSC permi							
Pec'd Data:	2. 3.	☐ Hardship Request - payment extensions ac ☐ Alternative Schedule Project (according to							
Rec'd Date:	4.	Homeowner (according to 310 CMR 4.02).		-,					
Reviewer:		Municipal Exempt							
			ollar Amount		Date				

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### **Table of Attachments**

**Exhibit A** Vicinity Map: USGS Quad Sheet

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**Exhibit G** Natural Heritage Endangered Species Map & Shellfish Map

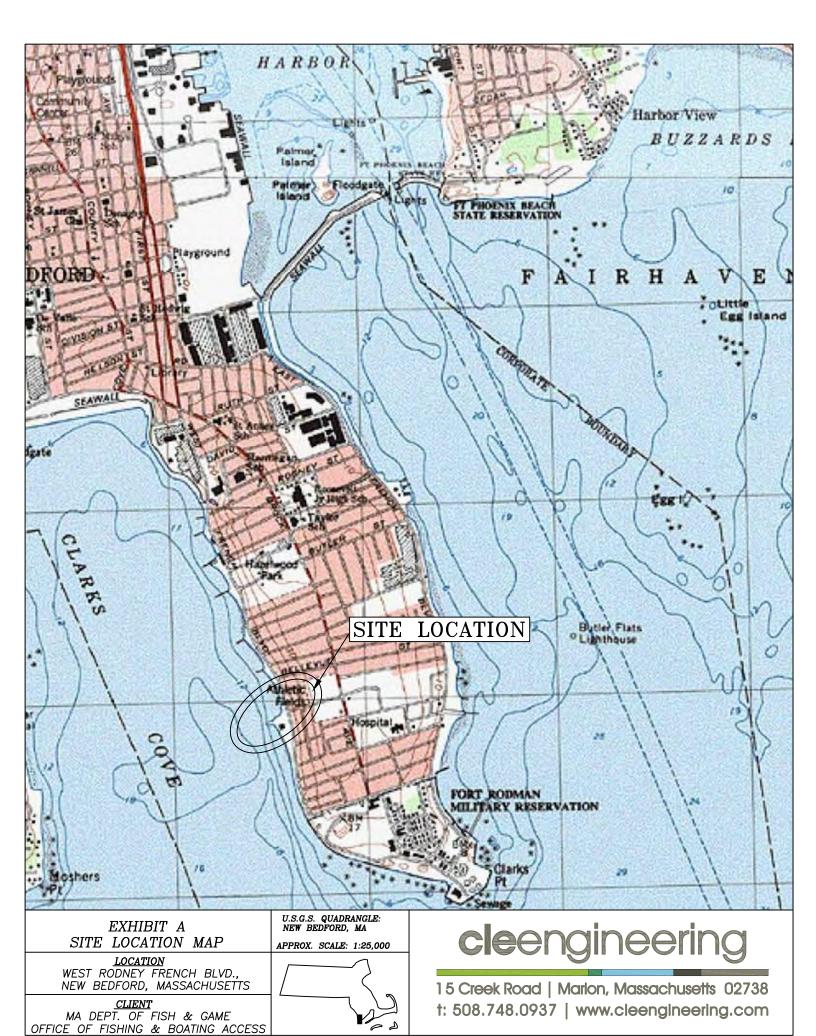
**Exhibit H** Certified Abutter's List / Notification Form

Exhibit I Property Deed



## **EXHIBIT A**

**Vicinity Map: USGS Quad Sheet** 





## **EXHIBIT B Project Narrative**



## EXHIBIT B PROJECT NARRATIVE

### A. PURPOSE

The City of New Bedford and Massachusetts Department of Fish and Game- Office of Fishing and Boating Access is proposing to dredge sediment accumulated at the seaward end of the public boat ramp located at Clark Cove Public Access Facility off of West Rodney French Boulevard in New Bedford, MA. The proposed project consists of the dredging of approximately 85 cubic yards to a depth of -3' MLW with 1' of allowable over-dredge to -4' MLW. The material will be used as nourishment at the adjacent beach area or disposed of at an off-site upland location pending grain size compatibility test results.

#### **B. SITE DESCRIPTION**

The project area is referenced by the New Bedford Assessors Office as Map 7, Lot 5. The existing public access facility has historically been a boat ramp, originally constructed in 1957 under the Department of Public Works of MA, Division of Waterways Contract No. 1813. The boat ramp was later re-constructed in 2010 (see permit list in **Exhibit C**). The existing accumulated sediment at the seaward side of the boat ramp causes unnecessary groundings at lower tide cycles. Accretion rates are further evident when comparing the 2008 site plan conditions (**Exhibit D**) to the recent conditions showing about a 12" decrease in water depth at station 3+40 from 2008 to 2016. The project site is not located within a mapped MA Natural Heritage Endangered Species Program Priority or Estimate Habitat. The proposed dredging and beach nourishment areas are located in conditionally approved shellfish areas for the Razor Clam, Bay Scallop, and American Oyster as referenced on Mass GIS (**Exhibit G**). The project site is located in FEMA Flood Zone VE Elevation 18' NAVD88 as shown on Map 25005C0481G dated July 16, 2014. CLE conducted a field survey on April 13, 2016 which included an eel grass investigation. No eel grass was found in the vicinity of the proposed project, however it should be noted that an eel grass bed was located approximately 375' south of the existing boat ramp area.

### C. PROPOSED WORK PLAN

The City and State's objective for the proposed project is to secure all local, state and federal regulatory approvals required for the dredging and disposal activities so that construction can occur prior to the next time of year restrictions, likely occurring between January 15 and May 15 for the protection of winter flounder in this region. The proposed dredging to -3' MLW plus 1' allowable over-dredge to -4 MLW allows for the accumulated sediment on top of the concrete boat ramp to be removed in order to maintain the boat ramp elevation of -3' MLW, as re-constructed in 2010. The allowable 1' over-dredge seaward of the end of the boat ramp will maximize the time required for necessary future maintenance dredging.

Grain size analysis is currently being executed for the dredge area and adjacent beach area for compatibility. The existing beach located north of the boat ramp has adequate capacity for the proposed dredge quantities (see **Exhibit C**). The close proximity of the beach to the boat ramp would allow the



City of New Bedford to routinely clean sand off of the boat ramp and easily dispose of it on an as needed basis during the time period that permits are valid. If the sediments are deemed unsuitable for beach nourishment, upland disposal at an alternative location is proposed.

### **D. COASTAL RESOURCE AREAS**

The project falls within the following resource areas:

- Coastal Beach
- Land Containing Shellfish
- Land Under Ocean

Coastal Beach: The existing concrete seawall in the proposed beach nourishment area acts as the seaward edge of a human-made structure which extends a coastal beach area seaward to the Mean Low Water line. Impact to the coastal beach consists of 1,159 square feet (S.F.) of beach nourishment totaling approximately 85 cubic yards and will serve to increase the coastal resiliency of the shoreline.

Land Containing Shellfish: Clark's Cove in the vicinity of the site is listed as conditionally approved shellfish area for Razor Clam, Bay Scallop, and American Oyster on Mass GIS. The proposed dredging and beach nourishment with impact 3,400 square feet (S.F.) of suitable shellfish habitat.

Land Under Ocean: The proposed dredging impacts 2,241 square feet (S.F.) of area within the designated Land Under Ocean (LUO) with an estimated 85 cubic yards being removed (including side slopes and a 1-foot allowable over-dredge).

### **Performance Standards**

### **Coastal Beach (310 CMR 10.27):**

Coastal Beach is unconsolidated sediment subject to wave, tidal and coastal storm action that forms the gently sloping shore of a body of salt water and includes tidal flats (310 CMR 10.27). Coastal Beaches extend from the MLW line landward to the dune line, coastal bank line or the seaward edge of existing man-made structures, when these structures replace one of the above lines, whichever is closest to the ocean. Coastal Beaches may play an important role in storm damage prevention, flood control and the protection of marine fisheries similar to LUO. They may also be significant to the protection of Land Containing Shellfish when shellfish are present. Coastal Beaches may reduce wave energy, and natural beaches provide sediment to LUO, which serves as a buffer to storm waves.

### Storm Damage/Flood Control

- Volume (Quantity of Sediments) and Form: The proposed beach nourishment will increase the volume of sediments on the existing coastal beach serving to enhance the shoreline's ability to resist storm damage.
- <u>Ability to Respond to Wave Action:</u> The beach nourishment in the coastal beach area will stabilize the shoreline and will increase the ability of the resource area to respond to wave action.

### Protection of Marine Fisheries or Wildlife Habitat

- <u>Distribution of Grain Size:</u> Grain size compatibility tests are being performed to ensure the dredged material is compatible with the existing beach sediments. Sediment quality of the beach will remain the same.
- <u>Water Circulation:</u> The proposed work will not impact water circulation and will not result in an adverse change in flushing rate, temperature, or turbidity levels. The beach nourishment activities materials will be placed above the Mean Low Water Line.
- Water Quality: Turbidity and the re-suspension of solids are anticipated to be very minimal and temporary as the proposed beach nourishment work will occur above the Mean Low Water Line.
- <u>Relief and Elevation:</u> The proposed beach nourishment will result in increased shoreline protection with the installation of approximately 85 cubic yards in front of the existing concrete seawall.

### Storm Damage Prevention, Flood Control or Protection of Wildlife Habitat

- <u>Increasing Erosion:</u> The proposed beach nourishment will serve to protect the shoreline, and as such, it will decrease erosion rates.
- <u>Decreasing Volume:</u> The proposed project will result in an increase in volume within Coastal Beach. Accordingly, the ability for Coastal Beach to provide storm damage, flood control or protection to wildlife will increase with the proposed work.
- <u>Changing Form of Any Coastal Beach or an Adjacent or Downdrift Beach:</u> The ability for Coastal Beach to provide storm damage, flood control or protection to wildlife will increase with the proposed beach nourishment, protecting the existing shoreline.

### Land Containing Shellfish (310 CMR 10.34)

Land Containing Shellfish (LCS) is defined as "land under the ocean, tidal flats, rocky intertidal shores, salt marshes and land under salt ponds when any such land contains shellfish". Land Containing Shellfish shall be found significant when it has been identified and mapped as follows: by the Conservation Commission or the Department in consultation with MA DMF and based upon maps and designations of MA DMF; or by the Conservation Commission or the Department based on maps and written documentation of the shellfish constable or the Department. In making such identification and maps, the following factors shall be taken into account and documented: the density of shellfish, the size of the area and the historical and current importance of the area to recreational or commercial shellfishing.

According to the most current available MA GIS data pertaining to MA DMF mapped suitable shellfish habitat, the proposed work may be located within LCS, of which may include Razor Clam, Bay Scallop, and American Oyster. It is noted that areas mapped by MA DMF include sites where shellfish have historically been sighted, but may not currently support any shellfish. As previously noted, the proposed dredging area has historically been a boat ramp originally constructed in 1957 under the Department of



Public Works of MA, Division of Waterways Contract No. 1813. The shellfish suitability areas were not verified in the field and the boundaries were not surveyed by CLE. Accordingly, this information should be used only as a guide to the approximate locations of potential habitats.

### **❖** Land Under the Ocean (310 CMR10.25)

Land Under the Ocean (LUO) is defined as "land extending from the mean low water line seaward to the boundary of the municipality's jurisdiction and includes land under estuaries". LUO, particularly the nearshore area, is presumed significant to the protection of marine fisheries, protection of wildlife habitat, storm damage prevention and flood control (310 CMR 10.25).

Impacts to LUO are limited to the proposed dredging at the seaward end of the existing boat ramp. Accordingly, it is anticipated that the proposed dredging will impact approximately ±2,241 SF of LUO with an estimated ±85 CY being removed (including sideslopes and a 1-foot allowable over-dredge).

The proposed dredging will not affect the ability of LUO to perform the following functions in accordance with 310 CMR 10.25 (1):

- Water Circulation: Water circulation is created by the tidal exchange that occurs within Clark's Cove. Dredging will improve tidal flow and water circulation. The proposed dredging project is not expected to have any long-term negative effects on the overall hydrological and/or littoral processes in the vicinity of proposed dredging areas.
- <u>Distribution of Sediment Grain Size</u>: Dredging will not significantly alter the sediment quality in the project area. The sediments that will be removed by the proposed dredging have accumulated over time from the natural littoral process and will be placed back into the system.
- <u>Water Quality:</u> Given the limited duration of the proposed project, turbidity and the resuspension of solids are anticipated to be minimal and temporary. Water quality is anticipated to improve following the completion of dredging since it will also help reduce turbidity over the long term by minimizing vessel groundings and propeller wash (or scouring) at the boat ramp.
- <u>Finfish Habitat:</u> The proposed dredging operations are not expected to have any significant long-term negative effects on finfish inhabiting the vicinity of Clark's Cove. Dredging will be conducted in accordance with the TOY restriction imposed on the project by the MA Division of Marine Fisheries (MA DMF). As such, operations will proceed during the TOY when marine activity is least active.
- Important Food for Wildlife: No eel grass was present at the time of the site survey in the vicinity of the proposed work. The proposed dredging and beach nourishment has been designed to avoid and minimize any impacts to eelgrass beds.

### **E. CONSTRUCTION METHODOLOGY**

The proposed dredging will consist of the total removal of approximately 85 CY of sediments from the Clark's Cove Public Access Facility. Dredging is proposed to be done using a long reach excavator or

crane using a closed bucket (mechanically) from land or a barge-based operation. Grain size compatibility is currently being verified in order to place the dredge sediment on the adjacent beach area using traditional construction equipment (bulldozers, etc.) (see **Exhibit C**). If dredge sediments are not deemed compatible, the material will be loaded into dump trucks and disposed of at an alternative upland location as directed by the City of New Bedford. The Contractor shall install temporary siltation curtains at the dredge area and minimize impacts to coastal resource areas at all times during the proposed work.

### **F. MITIGATION MEASURES**

The project has been designed to minimize the impacts to the coastal resource areas. In addition to permit requirements developed by the City of New Bedford Conservation Commission, the following restrictions are proposed:

- 1. Absolutely no release is allowed into the waterway of any petroleum product, epoxies, resins, admixtures, touch-up coatings, or the like. Accidental releases shall be reported to the Harbor Master, Engineer, and, if applicable, the Coast Guard. The Contractor shall have on site sufficient sorbent pads and booms to contain an accidental spill.
- 2. Debris from construction operations is to be cleaned up on a regular basis and disposed of offsite at a properly designated facility.
- 3. Organic debris (epoxies, etc.) is considered releases and shall be cleaned up immediately in accordance with an approved plan.
- 4. No refueling of construction equipment shall be permitted within 100' of any coastal resource area.

As demonstrated above, the proposed dredging will minimize impacts to the resources protected under the Massachusetts Wetlands Protection Act and will meet the performance standards as required in the regulations.

### G. ALTERNATIVES ANALYSIS

The dredging alternatives considered for this project included a "No Dredge", dredging and reduced dredging alternatives within the existing Clark's Cove Public Access Facility Project. Beneficial re-use of dredge sediments as beach nourishment is the preferred disposal alternative, however alternative disposal arrangements have also been considered for the proposed project, as grain size compatibility has yet to be confirmed.

### **DREDGE AREA ALTERNATIVES**

Summarized below are the dredging alternatives that have been considered for the proposed project.

#### Alternative 1 - "No Dredge" Option

Under the Alternative 1, no dredging would occur at the seaward end of the existing boat ramp, thus promoting the continued deterioration of public access/use at lower tide cycles within the waterway.



Shoaling would continue to increase thereby increasing the potential for vessel groundings, oil spills and/or release of other hazardous materials into Clark's Cove. The bottom sediment would continue to be disrupted by vessels transiting over shoaled areas resulting in resuspension of sediment to the water column. Alternative 1 is not considered a viable option by the City and State.

### Alternative 2 - Dredging to -3' MLW

Under Alternative 2, dredging would be performed within the established limits of the existing boat ramp to the surface of the ramp to a depth of -3.0 feet MLW. Implementation of this alternative would restore/improve navigation, public access and use; however, it would result in more frequent dredging to maintain the boat ramp surface elevation by removing accumulated sediments. Alternative 2 is not the preferred option.

### Alternative 3 - Dredging to -3' MLW plus 1' Allowable Over-dredge

Under Alternative 3, dredging would be performed within the established limits of the existing boat ramp to the surface of the ramp to a depth of -3.0 feet MLW. An additional 1' of dredging would be allowed beyond the end of the ramp to maximize the time required for future maintenance dredging operations to maintain the function of the boat ramp at low tides. **Alternative 3 is the preferred alternative** for the proposed project as it decreases the frequency of maintenance dredging and accumulated sediments causing vessel groundings while still providing a safe, navigable ramp area and restores/improves tidal flushing.

### **DISPOSAL ALTERNATIVES**

### **Beach Nourishment**

Dredge sediments removed from the boat ramp area are anticipated to consist of clean, beach quality sand suitable for the purpose of nourishment. Utilizing dredge sediments for nourishment is the preferred disposal alternative due to its' cost effectiveness and inherent environmental benefits, including but not limited to, restoration/enhancement of Coastal Beach areas to increase/protect from storm damage and flooding. Re-use of accumulated sediments as nourishment is the alternative considered for this component of the project.

An alternatives analysis has been conducted for selection of a nourishment site, with preference given to utilizing the adjacent shoreline areas that are in close proximity to the dredge site. Presented below are the alternatives considered:

### Alternative 1 – Upland Disposal

The potential for the beneficial re-use of material at an alternative off-site location is considered for this project. If dredge material is deemed incompatible with the adjacent beach area sand, this option for disposal will be considered. Trucking operations to an off-site location would occur, however, this is not the preferred alternative.

### Alternative 2 – Beach Nourishment at Southern Adjacent Shoreline

This potential nourishment area located south of the rip rap revetment wall on town-owned property would result in an increased accretion of sand at the end of the boat ramp due to the direction of littoral drift from South to North in this area.



### Alternative 3 – Beach Nourishment at Northern Adjacent Shoreline

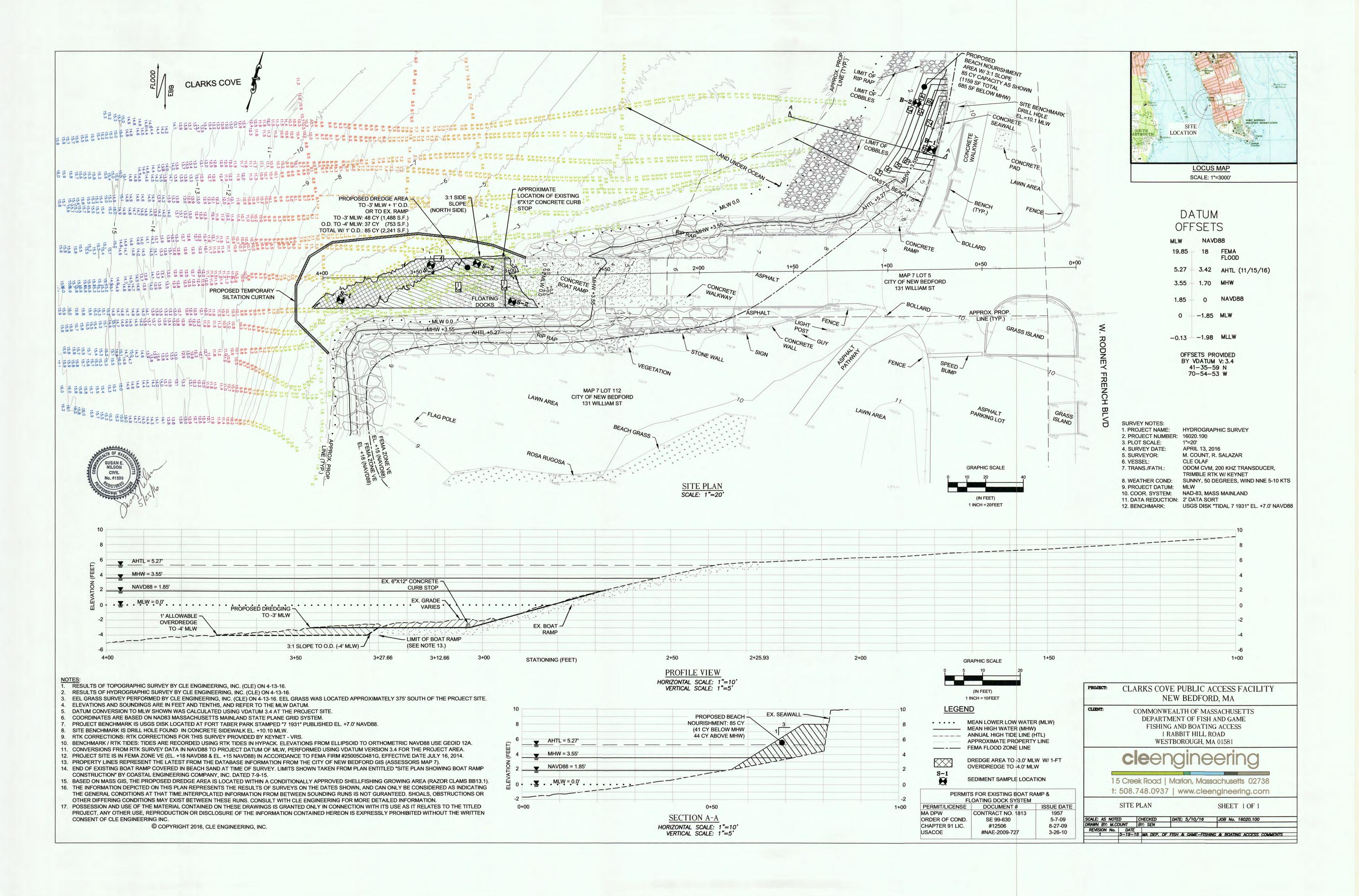
This potential nourishment area located north of the boat ramp on town-owned property is within the closest proximity to the dredge area. This allows for a decreased duration of disposal operations while increasing the adjacent shorelines ability to resist storm waves. The capacity of the beach area is sufficient for the estimated 85 cubic yards of dredge material as shown in **Exhibit C**.

Based on the above, Alternative 3 is the preferred nourishment method.



### **EXHIBIT C**

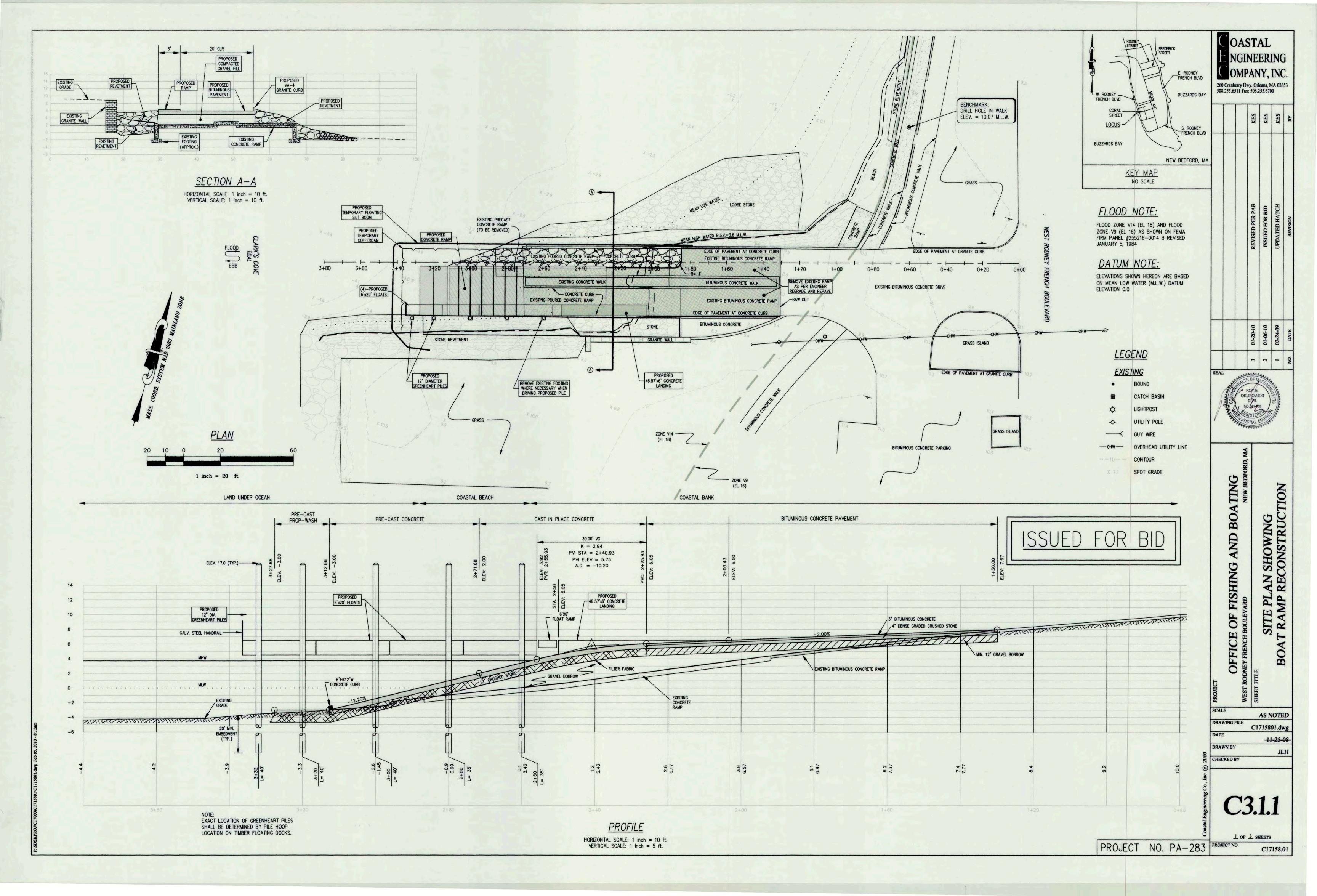
"Site Plan"
Prepared by CLE Engineering, Inc.
Dated May 19, 2016 (1 Sheet)





### **EXHIBIT D**

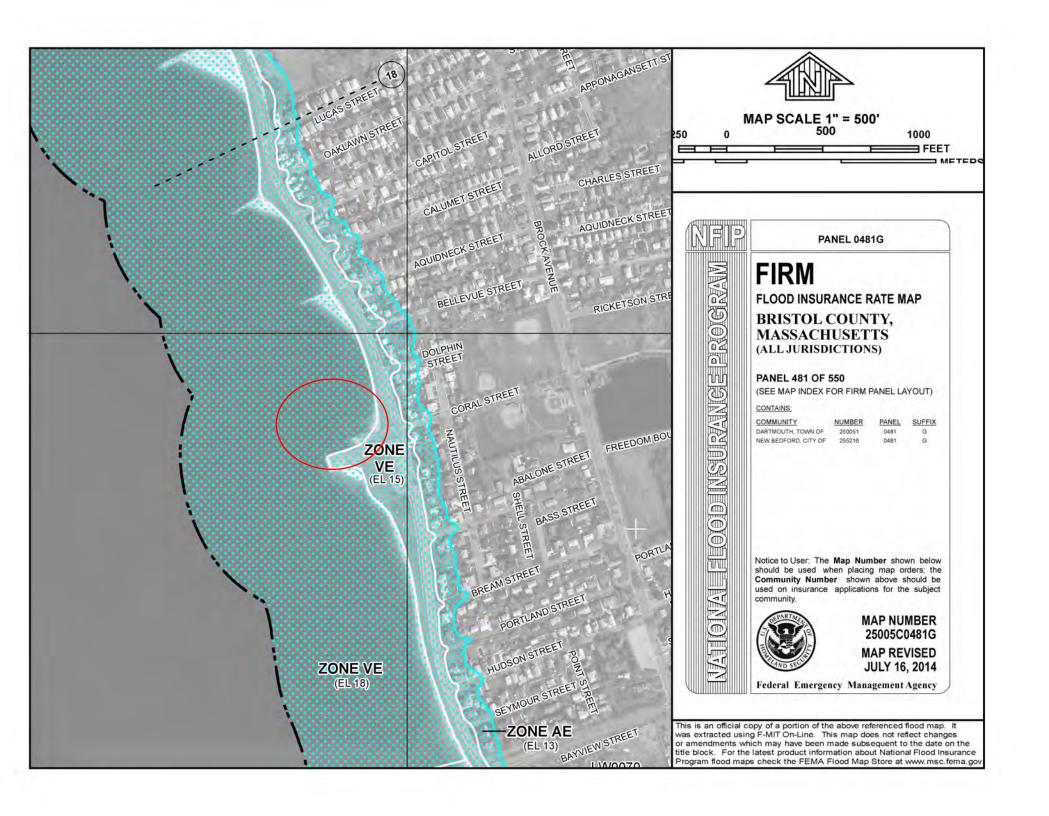
"Site Plan Showing Boat Ramp Reconstruction" (Sheet 1)
Prepared by Coastal Engineering Company, Inc.
Dated November 25, 2008 Latest Revision Date January 20, 2010



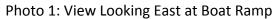


## **EXHIBIT E**

Fema Map



## **EXHIBIT F Site Photographs**



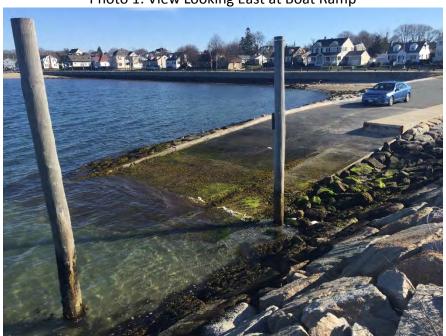




Photo 3: View of adjacent beach area

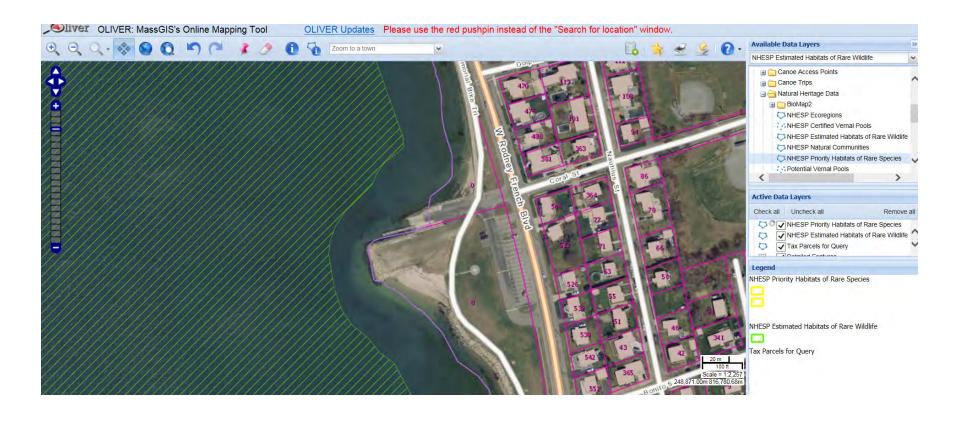




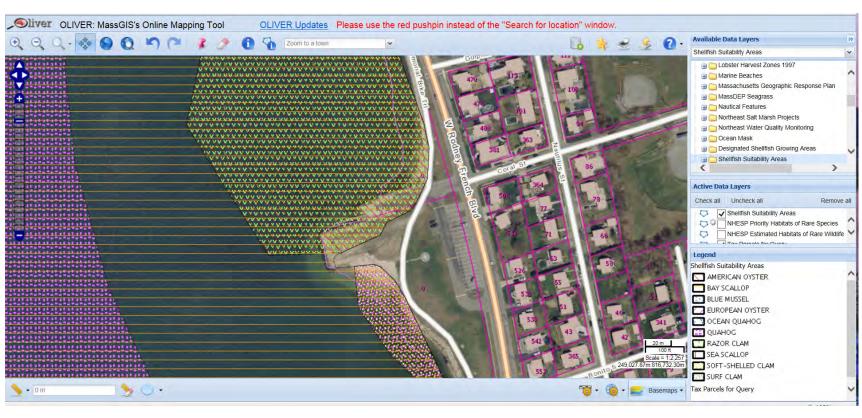
## **EXHIBIT G**

Natural Heritage Endangered Species Map (N/A) & Shellfish Map

### Natural Heritage Endangered Species Map (N/A)



### Suitable Shellfish Area- Conditionally Approved (Razor Clam, Bay Scallop, American Oyster)





## **EXHIBIT H**Certified Abutter's List / Notification Form



# City of New Bedford REQUEST for a CERTIFIED ABUTTERS LIST

This information is needed so that an official abutters list as required by MA General Law may be created and used in notifying abutters. You, as applicant, are responsible for picking up and paying for the certified abutters list from the assessor's office (city hall, room #109).

SUBJECT	PROPERT	Υ		
MAP#	7		LOT(S)#	5
ADDRES	S:			
West Ro	dney Fren	ich Blvd.		
OWNER	INFORM <i>A</i>	ATION		
NAME:	City of Nev	w Bedford		
MAILING	ADDRESS	S:		
131 Will	iam Street	t, New Bedford, MA		
APPLICA	NT/CONT	ACT PERSON INFORM	NATION	
NAME (I	F DIFFERE	NT):		
Michael	Count			
MAILING	ADDRESS	S (IF DIFFERENT):		
15 Creel	Road, M	arion, MA 02738		
TELEPHONE # 508-748-0937				
EMAIL ADDRESS:		MCOUNT@CLEeng	ineering.con	n
REASON	FOR THIS	REQUEST: Check ap	propriate	
ZO	NING BOA	ARD OF APPEALS APPL	ICATION	
PLANNING BOARD APPLICATION				
✓ CC	NSERVATI	ON COMMISSION AP	PLICATION	
	and any and an an	OARD APPLICATION		
L OT	HER (Plea	se explain):		

PLANNIN MAT 2/8 200 DEPARTINE

MAY 28 203

Once obtained, the Certified List of Abutters must be attached to this Certification Letter.

Submit this form to the Planning Division Room 303 in City Hall, 133 William Street. You, as applicant, are responsible for picking up and paying for the certified abutters list from the assessor's office (city hall, room #109).

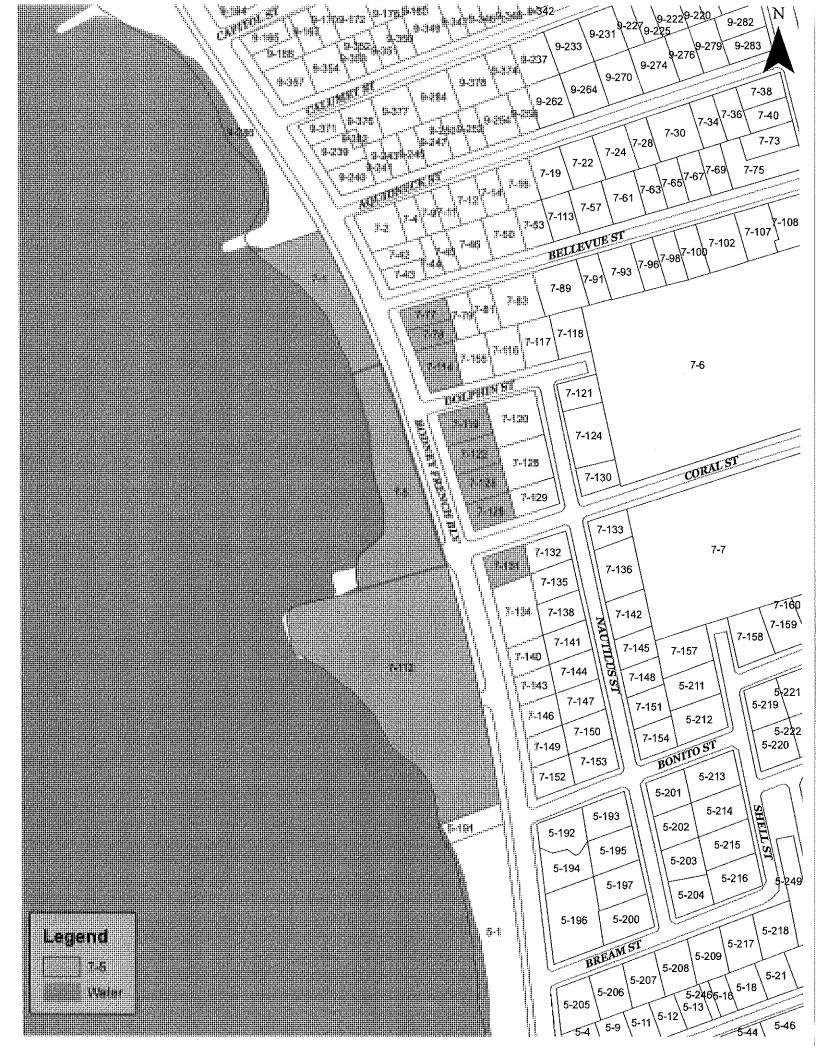
Official Use Only:		
	of New Bedford's Board of Assessors, I do hereby ched "abutters list" are duly recorded and appear of	
Carlos Amado	Control to Habrido	5/25/2016
Printed Name	Signature	Date

May 23, 2016 Dear Applicant,

Please find below the List of Abutters within 100 feet of the property known as <u>WS West Rodney French Blvd (7-5)</u>. The current ownership listed herein must be checked and verified by the City of New Bedford Assessor's Office. Following said verification, the list shall be considered a Certified List of Abutters.

Please note that multiple listed properties with identical owner name and mailing address shall be considered duplicates, and shall require only 1 mailing. Additionally, City of New Bedford-Owned properties shall not require mailed notice.

Parcel	Location	Additionally, City of New Bedford-Owned properties shall not require mailed notice.  Owner and Mailing Address
130D-117[	ACUSHNET AVE	NEW BEDFORD COUSINS LLC,
		P O BOX 36
		SCITUATE, MA 02066
130B-171	1373 ASHLEY	MELLO WAYNE P,
	BLVD	1373 ASHLEY BLVD
		NEW BEDFORD, MA 02745
130B-240	220 BELAIR ST	LAWRENCE PATRICK D, LAWRENCE MARIA D
		220 BELAIR ST
		NEW BEDFORD, MA 02745
130B-244	2883 ACUSHNET	CARVALHO EVELYN F "TRUSTEE", EVELYN F CARVALHO REALTY
	AVE -2901	TRUST
	Section of the sectio	232 LAWRENCE STREET
		NEW BEDFORD, MA 02745
130D-247	2904 ACUSHNET	BURGESS KEVIN,
	AVE	2904 ACUSHNET AVENUE
		NEW BEDFORD, MA 02745
130B-320	2907 ACUSHNET	CARVALHO EVELYN F "TRS", EVELYN F CARVALHO REALTY TRUST
	AVE-2917	232 LAWRENCE STREET
		NEW BEDFORD, MA 02745-1418
130B-248	214 BELAIR ST	CARREIRO FRANCIS R,
	120 100 100	2TABELAIRST 8 Mindy Lane
		NEW BEDFORD, MA 02745 Assonet, MA 02702
130B-243	KINGCROFT ST	ROUSSEAU EVA, C/O LILIANE DUARTE
N		214 BELAIR ST
		NEW BEDFORD, MA 02745
130B-168	2857 ACUSHNET	RAFFA VINCENT,
	AVE	3570 ACUSHNET AVE
		NEW BEDFORD, MA 02745
130B-319	211 BELAIR ST	CARVALHO JEFFREY J, CARVALHO SUSAN
	-213	211 BELAIR STREET
		NEW BEDFORD, MA 02745



## Notification to Abutters under the City of New Bedford Wetlands Ordinance

In Accordance with the City of New Bedford Wetlands Ordinance (New Bedford Code of Ordinances Sections 15-101 through 15-112) you are hereby notified of the following.

The name of the applicant is: City of New Bedford & MA Dept. of fish & Game - Office of fishing & Bo	eting Access
The applicant has filed a Request for Determination of Applicability for the municipality	
of New Bedford, Massachsuetts seeking permission to remove, fill, dredge or alter an	
area subject to protection under the City of New Bedford Wetlands Ordinance (New	
Bedford Code of Ordinances Sections 15-101 through 15-112).	
The address of the lot where the activity is proposed is: West Redney French Blvd.  Assessor's Map 7; Lot 5	
Copies of the Request for Determination of Applicability may be examined at the New	
Bedford Conservation Commission, City Hall, 133 William St. Room 304 New Bedford,	
MA 02740 between the hours of 8:00 AM and 4:00 PM, Monday through Friday. For	
more information call (508) 991-6188.	
Copies of the Request for Determination of Applicability may be obtained from either	
(check one) the applicant or the applicant's representative _ \( \ncent \) by calling	
this telephone number 508-748-0937 between the hours of 8:00 AM and 4:00	
PM on the following days of the week: Monday through Friday.	
Information regarding the date, time and place of the public hearing may be obtained	
from New Bedford Conservation Commission by calling 508-991-6188 between the	
hours of 8:00 AM and 4:00 PM Monday through Friday.	

Note: Notice of the Public hearing, including its date, time and place, will be posted in

the City Hall not less than forty eight (48) hours in advance of the meeting.

Note: Notice of the Public Hearing including its date, time and place, will be published at least five (5) days in advance in the Standard Times.

Note: You may also contact the New Bedford Conservation Commission at 508-991-6188 for more information about this publication or the City of New Bedford Wetlands Ordinance



## EXHIBIT I Property Deed

hentimen consideration of Leven hundred Tollars to me paid by James H. Hasking of Sextmouth, County and State of Sextmonth, do herely give, grant, sell and convey unto the said fames 4. Hasking, his heir and assign forever, a certain lot of land situated in Saitmouth aforesaid on the Easterly side of Apponagament River, together with the Buildings thereon standing and the privileges and appurtenances to the summe belonging Bounded as follows, Northerly by land belonging to Timeon & Theubal Clasidge, Casterly by land belonging to Midow Ann Theaman, Southerly by land belonging James J. Glocum begg and Mesterly by the highway. This lot containing thirty six rods show or less, Johave and to hold, the beforegranted Chemises to the said James H. Haskins his heir and assigns, to their use and behoof forever. And The said fames Rider for myself, my heirs, executors, and administrations, do covenant with the said James H. Haskins, his heirs and assigns, that I am lawfully seized in fee of the aforegranted Fremises; that they are free of all incum brances; That There good right to sele and convey the same to the said James H. Haskins. And that I will Marrant and Sefend the same primises to the said James H. Hasking, his heirs and assigns forever, against the lawful claims and demands of all persons, On Mitness Mierof Othe said James Rider, together with Louisa, wife of said fames Rider in token of relinquishment of right of down in said premises have hereunto set our hands and seal, this bighteenth day of October, in the year of our Lord, one Thousand eight hundred and fifty five.

Signed Scaled, and Scienced in presence 3 fames Rider. (Seals)

of John Grey, 3 Donisa Rider. (Seals)

Nider as knowledged the foregoing instrument to be his her at and deed; before me, John Grey, Justin of the Teau. Received and Recorded fune 26, 1850. Benj! W. Sayer, Register.

Carement of Philadelphia, and that of Tennsylvania, bivil engineer, 1-2-21 in consideration of the sum of One Dollar paid by "the 1816-232" "Kind Beaford Gas Sight Company," a Corporation established by law, and having its place of business in New Bed-ford, in the County of Bristol, and Commonwealth of

ford, in the bounty of Bristof, and Commonwealth of Massachusetts, the receipt whereof is hereby acknowledged de hereby give, grant, bargain, sell and convey unto the said "New Beaford Gaes light Company," a cutain Lot of land

with the buildings and exections thereon, situate in said New Bedford, and bounded and described as follows, viz; Deginning in the East line of Mater street, at the Bouth West corner of said lot, and in the middle of a stone wall separating this lot from the Marsh Candle House Soff so called) belonging to Charles M. Morgan, Theme running Casterly along the middle of said Wall to the said thereof, and continuing in the same direction, to a point two hundred and sixty six (266) feet Cast of said Cast line of Mater street; thene running Northerly, in a line parallel with said Mater street, Minety feet to a corner of this lot; them Mesterly in the line of Sand of Abraham H. Howland and others Two hundred and sixty sin (266) feet to said bast line of Mater street, and thene Southerly in the East line of said Mater that ninety (90) feet to the place of beginning; said premier being the Jame conveyed to me by the Gesident, Directors and Condpany of the Mechanic's Bank, by Deed dated June 12, A. 9, 1852, and recorded in the Sand Records for the Couthern Sisteet of the County of Bristol aforesaid, Book 23th pages 89 and 90. and being the same Loton which the Gas Morks now stands Cogether with all and singular rights, easements, privileges, and appurtenancy thereto belonging intending to include and convey herely, among other things, a certain right of way to and from said premise and that part of "bity May which was formuly called "Davenports Wharf." which right of way is described in a certain conveyance thereof from Abraham H. Howland and others to me, dated February 8th A.S. 1853, and recourse in said Sand Records Book 23 pages 945 and 54 le, as follows, to wit: "a light of way twelve for in width from that fait of the leity Mar which was conveyed to us by the President, Directors and Company of the Mechanics Tunk, by deed dated June 12 th 8. 1852. and formerly known as Davenports Wharf," to the premise owned y said Towne, and now occupied by the Gas Morks, for the transportation of coal and other material that may be landed on and pay customany Marfage to the hill Wharf; the Southerly line of said way twelve feet in width to enter the lasterly line of said las Morks lot at the point in said line which is in a direct Casterly range with the Morth line of the Main Chimny ofsice Gas Morks, as it now stands:" to which deed reference may be had also a certain right of Drainage contained and conveyed in said Deed from Abraham H. Howland and others to me dated Feb. 8 th A. S. 1653, and described res follows to wit; "the right to build and maintain a competent drain from the Gas Morks to the River; said drain commencing on the Casterly line of the gas works lot within twelve feet of the Northerly side of they main chimney aforesaid, extending therefrom in an

Vasterly direction to the River, the outlet to which shall be any where within forty feet of the front stone wall, as it now is, which rung bouth to the Morgan lot and the Dame shall be below low water mark." To have and to hole The aforegranted premises, and their apputenances and privileges to the said New Bedford Gen dight bompany its successors and assigns, to its and their use and behoof forever And Of the said John Fr. Vowne, for myself, my heirs, inecutor and administrators, do coverant with the said New Beeford Gas Sight Company its successors and assigns that I am law fully seized in few of the aforegranted premises; that they are free from all incumbrances, and that I have good right to sell and convey the same to the said New-Beaford Gas Sight Company; and that I will, and my heirs, executors and administrators shall Marrant and Defind the same to the said New Benford Gas Light Company its successors and assigns forever, against the lawful, claims and demands of all persons. In Mitness Mercof of the Said John H. Young and Maria R. Towne, wife of the said John It who herely relinquishes all her right of dowers in and to the aforegranted premises, have hereunto set our hands bighteen hundred and fifty three Grand December, in the year bighteen hundred and fifty three Grand Gealed & delivered in preserved E. H. H. Bowner, (seal.) Thateof Tennsylvania; bity of hiladelphiaff, Before me an alderman & Justin of the Peace of the bity of Riladel phia, personally appeared the within named John H. Your and Mario C. Youne, his wife, and the Grantos in the within Undenture and in due form of law acknowledged The same to be their free and and deed, and desired the same might be recorded as such. Mitness my hand and seal at the bily aforesaid, this Fourteenth day of Lebenay A. S. 1854. Charles D. Treeman, Alderman & Justin of the Veau; (Leal) Received and Recorded pund 27th. 1136 he words." in the bounts of Biladelphia "" therew," and Southerly, " " and each of their "interlined? & the word "free "crased at the time of recorde" Benj. Mr. Sayer, Register.

Know all New by these Resents, That we Milliam Anthony, Rince Cleary, Daniel Howland, Matthews Chatcher, Charles Matthews and James Rider all of Darkmouth in the Country of Bristot, and bommonwealth of Massachusetts, in consideration of Swelve hundred twenty one and off or Dollars to us paid by Charles I Cummings, of said Darkmouth, the receipt where of of do herely acknowledge, do herely give, grant, sell and convey unto the said Charles & Country, his heis and assigns, One undi-