



Consulting
Engineers and
Scientists

WETLANDS NOTICE OF INTENT

April 2017

Project

New Bedford State Pier East Wharf Reconstruction
93 State Pier
New Bedford, Massachusetts

Applicant

Massachusetts Department of Conservation and Recreation
30 Shipyard Drive, Suite 200
Hingham, Massachusetts 02043

Prepared By

GEI Consultants, Inc.
3 Bent Street
Franklin, Massachusetts 02038

CONTENTS

WPA Form 3 - Wetland Notice of Intent

List of Drawings

Project Description

NOI Wetland Fee Transmittal Form

City of New Bedford Conservation Commission Filing Fee Calculation
Worksheet

Fee Payment Checks

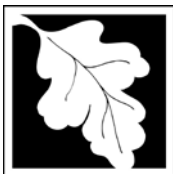
Affidavit of Service – Abutter Notification

Notification to Abutters Under the Wetlands Protection Act

Certified Abutters List

Drawings

1. Locus Plan
2. State Pier Deck Plan
3. Existing East Wharf Plan & Sections
4. Proposed East Wharf Plan & Sections



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

1. Project Location (**Note:** electronic filers will click on button to locate project site):

93 State Pier

a. Street Address

New Bedford

b. City/Town

02740

c. Zip Code

Latitude and Longitude:

41.634858

d. Latitude

-70.918455

e. Longitude

47 and 53

f. Assessors Map/Plat Number

203 and 217

g. Parcel /Lot Number

2. Applicant:

Norman

a. First Name

Orrall

b. Last Name

MA Department of Conservation and Recreation, Office of Waterways

c. Organization

30 Shipyard Drive, Suite 200

d. Street Address

Hingham

e. City/Town

MA

f. State

02043

g. Zip Code

781-740-1600

(ext.107)

617-727-2950

i. Fax Number

norman.orrall@state.ma.us

j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

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

4. Representative (if any):

Russell

a. First Name

Titmuss

b. Last Name

GEI Consultants, Inc.

c. Company

3 Bent Street

d. Street Address

Franklin

e. City/Town

MA

f. State

02038

g. Zip Code

774-277-6003

h. Phone Number

508-533-0600

i. Fax Number

rtitmuss@geiconsultants.com

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$1,576.00

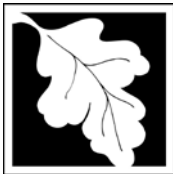
a. Total Fee Paid

\$775.50

b. State Fee Paid

\$800.50

c. City/Town Fee Paid



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

A. General Information (continued)

6. General Project Description:

The project consists of maintenance repairs to the east wharf of the State Pier, including replacement of existing pile supports and repairs to the filled northeast corner. See attached Project Description.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input checked="" type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological 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 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR 10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Bristol

a. County

418 and 492

c. Book

b. Certificate # (if registered land)

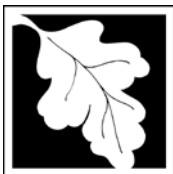
816 and 467

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☐ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any 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.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

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

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

| Resource Area | Size of Proposed Alteration | Proposed Replacement (if any) |
|--|-----------------------------|-------------------------------|
| a. <input type="checkbox"/> Bank | 1. linear feet | 2. linear feet |
| b. <input type="checkbox"/> Bordering Vegetated Wetland | 1. square feet | 2. square feet |
| c. <input type="checkbox"/> Land Under Waterbodies and Waterways | 1. square feet | 2. square feet |
| | 3. cubic yards dredged | |

| Resource Area | Size of Proposed Alteration | Proposed Replacement (if any) |
|--|---|-------------------------------|
| d. <input type="checkbox"/> Bordering Land Subject to Flooding | 1. square feet | 2. square feet |
| | 3. cubic feet of flood storage lost | 4. cubic feet replaced |
| e. <input type="checkbox"/> Isolated Land Subject to Flooding | 1. square feet | |
| | 2. cubic feet of flood storage lost | 3. cubic feet replaced |
| f. <input type="checkbox"/> Riverfront Area | 1. Name of Waterway (if available) - specify coastal or inland | |

2. 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.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

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.

| Resource Area | Size of Proposed Alteration | Proposed Replacement (if any) |
|---|---|--|
| a. <input checked="" type="checkbox"/> Designated Port Areas | Indicate size under Land Under the Ocean, below | |
| b. <input checked="" type="checkbox"/> Land Under the Ocean | 187 1. square feet 0 2. cubic yards dredged | |
| c. <input type="checkbox"/> Barrier Beach | Indicate size under Coastal Beaches and/or Coastal Dunes below | |
| d. <input type="checkbox"/> Coastal Beaches | 1. square feet | 2. cubic yards beach nourishment |
| e. <input type="checkbox"/> Coastal Dunes | 1. square feet | 2. cubic yards dune nourishment |
| | Size of Proposed Alteration | Proposed Replacement (if any) |
| f. <input checked="" type="checkbox"/> Coastal Banks | 285 1. linear feet | |
| g. <input type="checkbox"/> Rocky Intertidal Shores | 1. square feet | |
| h. <input type="checkbox"/> Salt Marshes | 1. square feet | 2. sq ft restoration, rehab., creation |
| i. <input type="checkbox"/> Land Under Salt Ponds | 1. square feet 2. cubic yards dredged | |
| j. <input type="checkbox"/> Land Containing Shellfish | 1. square feet | |
| k. <input checked="" type="checkbox"/> Fish Runs | Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 0 1. cubic yards dredged | |
| l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage | 1. square feet | |
| 4. <input type="checkbox"/> Restoration/Enhancement | If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here. | |

a. square feet of BVW

b. square feet of Salt Marsh

5. ☐ Project Involves Stream Crossings

a. number of new stream crossings

b. number of replacement stream crossings



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

C. Other Applicable Standards and Requirements

- ☐ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

- a. ☐ Yes ☒ No **If yes, include proof of mailing or hand delivery of NOI to:**

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

10/1/08

b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- c. Submit Supplemental Information for Endangered Species Review*

1. ☐ Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) ☐ Photographs representative of the site

* 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.

** 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.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

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

- (c) ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

- (d) ☐ Vegetation cover type map of site
- (e) ☐ Project plans showing Priority & Estimated Habitat boundaries
- (f) OR Check One of the Following
1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)
2. ☐ Separate MESA review ongoing. _____ a. NHESP Tracking # _____ b. Date submitted to NHESP
3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?
- a. ☐ Not applicable – project is in inland resource area only b. ☒ Yes ☐ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

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.



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

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

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

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. ☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. ☐ Yes ☒ No
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?
- a. ☒ 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:
1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 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.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☐ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☐ 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 to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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

D. Additional Information (cont'd)

3. ☐ 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 other materials submitted with this NOI.

See attached List

a. Plan Title

b. Prepared By

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☐ Attach proof of mailing for Natural Heritage 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
9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

734391
2. Municipal Check Number

3/29/2017
3. Check date

734382
4. State Check Number

3/29/2017
5. Check date

GEI Consultants, Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

WPA Form 3 – Notice of Intent

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

MassDEP File Number

Document Transaction Number

New Bedford

City/Town

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

[Handwritten Signature]

3. Signature of Property Owner (if different)

[Handwritten Signature]

5. Signature of Representative (if any)

2. Date

3/27/17

4. Date

4/4/17

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.

93 State Pier East Wharf Reconstruction – Notice of Intent

List of Submitted Plans

Figure 1. Locus Plan (1" = 2000') dated February 2017

Sheet 1 of 3. State Pier Deck Plan 3/10/17

Sheet 2 of 3. Existing East Wharf Plan & Sections (1" = 20') dated 3/10/17

Sheet 3 of 3. Proposed East Wharf Plan & Sections (1" = 20') dated 3/10/17

93 State Pier East Wharf Reconstruction – Notice of Intent

Project Description

Background

The New Bedford State Pier is an active state-owned and operated port facility located on the west side of New Bedford harbor south of the Route 6 causeway. The pier currently supports a roll-on/roll-off ferry facility and berthing facilities for Pier Oil, environmental police, local fire boats, excursion cruise vessels, and bulk carriers. The primary commercial product handled at the pier is clementine fruit. The pier consists of a large (6.4-acre) central area constructed on fill material contained by a continuous, perimeter rip rap revetment. Timber pile-supported concrete wharfs extend and run parallel to the pier on the north, east, and south sides. The principal structure on the pier is a refrigerated storage building. The pier consists entirely of impervious surfaces.

In June of 2013, a comprehensive condition survey of the pier and associated wharf structures was completed by Bourne Consulting Engineering. The findings of that survey revealed that the 50-foot wide wharf extending along the east face of the pier (a feature constructed in 1947) was in critical condition and required immediate action. Specifically, nine support piles were found to be in critical or failing condition, bracing was found to be in poor condition with significant lateral movement of the wharf deck, and the seawall at the northeast corner was found to be failing. In response to these findings, the Massachusetts Department of Conservation and Recreation, the operator of the pier, requested and received an Emergency Certification from the New Bedford Conservation Commission (DEP File #SE49-0695) to undertake emergency repairs to the east face wharf structure. These repairs included:

- installation of “sister piles” at 11 locations where existing piles had been found to be insufficient for operational loading,
- strategic “as needed” replacement of timber bracing to repair deficiencies in lateral loading capacity at 24 bents, and
- repair of the dilapidated dolphin piles and associated supports along the southeast corner of the wharf.

The authorized emergency repairs, completed during the fall of 2013, were designed with a life expectancy of five years. As that five-year period is coming to a close, it is necessary to undertake the full, more permanent repairs required to address the long-term structural needs of the facility.

Proposed Work

The proposed work consists of the reconstruction of the pile-supported east wharf within the area depicted in Sheet 1 of 3 together with the reconstruction of the concrete seawall in the northeast corner. Specifically, the anticipated work will include the following steps, although the final sequence of construction will be determined by the contractor during construction.

Reconstruction of Seawall

1. Install/deploy a debris boom with bottom-weighted siltation curtain as depicted in Sheet 3 of 3.
2. Excavate and stockpile fill from the northeast corner to expose the existing timber relieving platform.
3. Install new sheet pile bulkhead immediately landward of existing deteriorated sheet pile bulkhead.
4. Remove the existing, deteriorating seawall down to an elevation one (1) foot above mean low water (MLW).
5. Drive a total of 84 (14-inch diameter) and 22 (18-inch diameter) concrete-filled steel pipe piles through the timber relieving platform and into the harbor bottom.
6. Pour reinforced-concrete cap on top of the new piles and existing timber relieving platform and form and pour new reinforced-concrete seawall as depicted in Sheet 3 of 3.
7. Backfill the excavation to subgrade using stockpiled soils and new gravel.
8. Install bituminous pavement to final grades as depicted in Sheet 3 of 3.

Reconstruction of Pile-Supported East Wharf

1. Deploy netting or floats to prevent incidental discharge of debris during wharf demolition.
2. Remove existing utility services, berthing hardware, and concrete wharf decking.
3. Remove all existing timber framing/bracing.
4. Extract of all 222 existing timber piles. Piles found to be too deteriorated to extract will be cut off flush with the rip rap revetment.
5. Install 131, concrete filled, 16-inch diameter, steel pipe piles.
6. Install pile caps as depicted in Sheet 3 of 3.
7. Install concrete deck by first placing pre-cast concrete panels over the pile caps and then pouring the finished course to grade as depicted in Sheet 3 of 3.
8. Install new electrical, water, and sewer lines.
9. Install new berthing hardware.
10. Install 60 new 10-inch diameter timber fender piles and wale as depicted in Sheet 3 of 3.

Impacts to Resource Areas

Land Under the Ocean - Definition

Land Under the Ocean consists of land extending from mean low water seaward to the boundary of municipal jurisdiction. At the project site, this resource area extends along the entire perimeter of the wharf from the elevation of mean low water to the seaward edge of the wharf and fender system.

Land Under the Ocean – Compliance with Performance Standards

Performance standards for activities conducted within this resource area are defined at 310 CMR 10.25(3 through 7). Performance standards 3 and 4 relate to dredging activities and are not applicable to the proposed work.

Performance standard 5 specifies that projects affecting the nearshore area shall not cause adverse effects by altering the bottom topography so as to increase storm damage or erosion of coastal beaches, coastal banks, coastal dunes, or salt marshes. As the proposed work will not alter the bottom topography of Land Under the Ocean, the project is in compliance with performance standard 5.

Performance standard 6 specifies that water-dependent projects be designed and constructed using best available measures so as to minimize adverse effects caused by alterations in water circulation, destruction of eelgrass or widgeon grass beds, alterations in the distribution of sediment grain size, changes in water quality, or alterations of shallow submerged lands with high densities of polychaetes, mollusks, or macrophytic algae. The proposed work will replace an existing wharf structure with a new structure of the same footprint and basic design – the pile-supported segments will remain pile-supported and the fill segment (i.e., northeast corner) will remain a filled segment. No changes are proposed to the rip rap revetment underlying the wharf. Although New Bedford harbor is recognized as supporting quahogs, shellfishing is prohibited and mapped shellfish beds do not underlie the work site.

Performance standard 7 specifies that no project may have any adverse effect on specified habitat sites of rare species. A review of maps prepared by the Massachusetts Natural Heritage and Endangered Species Program has revealed that the project site is not within Priority or Estimated Habitat of Rare Species. Accordingly, the proposed work will have no adverse effects on rare species habitat.

Coastal Bank – Definition

Coastal Bank refers to the seaward face of any elevated landform, other than a coastal dune, which lies at the landward edge of a coastal beach, land subject to

tidal action, or other wetland. At the project site, this resource area includes the face of the rip rap revetment located above the elevation of mean high water.

Coastal Bank – Compliance with Performance Standards

Performance standards for activities conducted within this resource area are defined at 310 CMR 10.30(3 through 8).

Performance standards 3 and 7 refer to the construction of new bulkheads, revetments, and other engineering structures. As the proposed work does not include the construction of such structures, these performance standards are not applicable to the work.

Performance standard 4 states that a project on a coastal bank shall not have an adverse effect due to wave action on the movement of sediment from the coastal bank to coastal beaches or land subject to tidal action. The proposed work will have no adverse effect on wave action or movement of sediment from the coastal bank. Currently, the coastal bank at the project site is a continuous rip rap revetment, except for the northeast corner which is protected with a vertical stone and concrete seawall. These man-made protection measures prevent any movement of sediments from the bank to any other area. This revetment / seawall condition will be retained during and following the proposed work.

Performance standard 5 refers to the construction of a new building within 100 feet of the top of a coastal bank and is not applicable to the proposed work.

Performance standard 6 states that any project on a coastal bank shall have no adverse effects on the stability of the coastal bank. The proposed work will have no effect on the stability of the rip rap revetment underlying the wharf. All new piles will be driven through the rip rap face and all existing timber piles will be removed or cut off flush with the face (depending on the extent of pile deterioration).

Performance standard 8 specifies that no project may have any adverse effect on specified habitat sites of rare species. A review of maps prepared by the Massachusetts Natural Heritage and Endangered Species Program has revealed that the project site is not within Priority or Estimated Habitat of Rare Species. Accordingly, the proposed work will have no adverse effects on rare species habitat.

Land Subject to Tidal Action - Definition

Land Subject to Tidal Action refers to the land subject to the periodic rise and fall of a coastal water body, including spring tides. At the project site, this area consists of the face of the rip rap revetment located between the high tide line (HTL) and mean low water (MLW).

Land Subject to Tidal Action – Compliance with Performance Standards

There are no specific performance standards associated with this area subject to protection under the Massachusetts Wetlands Protection Act (M.G.L.c. 131, s. 40).

Land Subject to Coastal Storm Flowage – Definition

Land Subject to Coastal Storm Flowage is defined as land subject to any inundation caused by coastal storms up to and including that caused by the 100-year event, surge of record or storm of record, whichever is greater. At the project site, the 100-year flood elevation is 6 feet (NAVD), or 7.2 feet (MLW datum). This elevation encompasses the entire face of the rip rap revetment underlying the wharf area and a portion of the seaward face of the seawall in the northeast corner of the wharf. This resource area does not include any of the wharf surface, all of which is at elevation 13.5 feet (MLW datum).

Land Subject to Coastal Storm Flowage – Compliance with Performance Standards

There are no specific performance standards associated with this area subject to protection under the Massachusetts Wetlands Protection Act (M.G.L.c. 131, s. 40). Nevertheless, the proposed work will result in the replacement of an existing wharf facility and will have no adverse effect on the stability and functionality of the rip rap revetment. As the work will result in the replacement of a deteriorating seawall with a new reinforced-concrete seawall, the project will improve protections against coastal storm flowage and the adverse effects of flooding on the wharf structure.

Compliance with Massachusetts Stormwater Management Standards

The proposed work represents a “redevelopment project” as that term is defined in the Massachusetts Stormwater Handbook and applicable standards and policies. The work’s compliance with the ten stormwater standards is summarized below.

Standard 1 – No Untreated Stormwater Discharges

The project has been designed such that all stormwater runoff will flow from the wharf surface back to the land-based stormwater collection and conveyance system on the pier. Stormwater will not be discharged uncollected and untreated to the harbor. This represents an improvement over the existing condition in which runoff from the wharf surface discharges directly to the harbor at the line separating the pile-supported wharf from the filled pier.

Standard 2 – No Increase in Peak Discharge Rates

The proposed work will not result in an increase in impervious surfaces on the site; accordingly, there will be no increase in peak discharge rates.

Standard 3. – Eliminate Loss of Groundwater Recharge

The project site is a wharf extending over the ocean. There currently exists no potential for recharge of groundwater at this site; therefore, the project will not result in a loss in recharge capacity.

Standard 4 – Stormwater Management Systems to Remove 80%TSS

As a redevelopment project, the proposed work is to meet this standard only to the maximum extent practicable (see Standard 7). By designing the surface of the wharf to discharge all stormwater toward the pier's drainage system, thereby eliminating future untreated discharges, this standard has been met.

Standard 5 – Land Uses With Higher Potential Pollutant Loads

This standard applies only to land uses with higher potential pollutant loads. Such uses include auto fueling facilities, exterior fleet storage areas, exterior vehicle service and equipment cleaning areas, marinas and boatyards, parking lots with high intensity use, confined disposal facilities, disposal sites, outdoor storage facilities for snow and ice removal chemicals, among others. The wharf and pier are not land uses with higher potential pollutant loads; accordingly, this standard does not apply to the proposed work.

Standard 6 – Discharges Within Wellhead Protection Areas, ORW's and SRW's

The project site is not located within a wellhead protection Zone and will not discharge stormwater runoff to an Outstanding Resource Water (ORW) or Special Resource Water (SRW); accordingly, this standard is not applicable to the proposed work.

Standard 7 – Redevelopment Projects and Maximum Extent Practicable

As a redevelopment project, the wharf reconstruction project is required to meet Standards 2 and 3 and the structural best management practices standards of Standards 4, 5, and 6 only to the maximum extent practicable. Such a project also is required to improve existing conditions. By designing the surface of the wharf to discharge all stormwater toward the pier's drainage system, thereby eliminating future untreated discharges, this standard has been met. This design improves the existing condition, under which all stormwater discharges directly to the harbor at the line separating the pile-supported wharf from the filled pier.

Standard 8 – Control Construction-Related Impacts

The discharge of debris and other materials during the demolition of the existing wharf and construction of the replacement facility will be controlled through the deployment of a debris boom and suspended silt curtain during the replacement of

the seawall in the northeast corner of the wharf, as depicted in Figure 4. Control of discharges during the demolition of the pile-supported wharf will be achieved through the use of netting and/or the use of floats to collect and confine the materials and prevent release to the harbor.

Standard 9 – Long-Term Operation and Maintenance Plan

As the reconstructed wharf will not include stormwater management collection and conveyance systems, this standard is not applicable to the proposed work.

Standard 10 – Prohibition on Illicit Discharges

The proposed work will not include illicit discharges. It is not anticipated that future use of the wharf will result in such discharges.



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 key.



A. Applicant Information

1. Location of Project:

93 State Pier

a. Street Address

New Bedford

b. City/Town

\$775.50

d. Fee amount

c. Check number

2. Applicant Mailing Address:

Norman

a. First Name

Orrall

b. Last Name

MA Division of Conservation and Recreation - Office of Waterways

c. Organization

30 Shipyard Drive, Suite 200

d. Mailing Address

Hingham

e. City/Town

MA

f. State

02740

g. Zip Code

781-740-1600 (Ext.

103)

617-727-2950

i. Fax Number

norman.orrall@state.ma.us

j. Email Address

3. Property Owner (if different):

a. First 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

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.

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

B. Fees (continued)

| Step 1/Type of Activity | Step 2/Number of Activities | Step 3/Individual Activity Fee | Step 4/Subtotal Activity Fee |
|---------------------------|-----------------------------|--------------------------------|------------------------------|
| Category 5 /work on docks | 394 lf of wharf | \$4/lf | \$1,576.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Step 5/Total Project Fee:

Step 6/Fee Payments:

| | |
|--------------------------------|--------------------------------------|
| Total Project Fee: | <u>\$1,576.00</u> |
| | a. Total Fee from Step 5 |
| State share of filing Fee: | <u>\$775.50</u> |
| | b. 1/2 Total Fee less \$12.50 |
| City/Town share of filing Fee: | <u>\$800.50</u> |
| | c. 1/2 Total Fee plus \$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.)



**CITY OF NEW BEDFORD
MASSACHUSETTS**

**CONSERVATION COMMISSION
2009 FILING FEE CALCULATION WORKSHEET***

PROJECT LOCATION:

93 State Pier MAP 47 / 53 LOT(S) 203 / 217

APPLICANT: Massachusetts Department of Conservation and Recreation

CONSERVATION COMMISSION FEES (check all that apply):

- ☐ REQUEST FOR DETERMINATION OF APPLICABILITY
- ☒ NOTICE OF INTENT
- ☐ INQUIRY AS TO NEED FOR AN AMENDED ORDER**
- ☐ AMENDED ORDER OF CONDITIONS
- ☐ ANRAD (Abbreviated Notice of Resource Area Delineation)
- ☐ EXTENSION PERMIT
- ☐ CERTIFICATE OF COMPLIANCE
- ☐ AFTER THE FACT FILING
- ☐ RESTORATION PLAN FEE (no NOI filing required)
- ☐ LIFTING AN ENFORCEMENT ORDER
- ☐ PENALTIES

(A.) ALTERATION FEES:

Application and field review of a project proposed in a Wetland Resource Area or its Buffer Zone is \$150.00 plus the applicable alteration fee as follows

| | <u>AMOUNT DUE</u> |
|---|-------------------|
| • Application and Field Review Fee (\$150.00) | \$ _____ |
| • \$0.50 X _____ SF Wetland Resource Area | \$ _____ |
| • \$0.05 X _____ SF Land Subject Coastal Flooding | \$ _____ |
| • \$0.20 X _____ SF Developed Riverfront Area | \$ _____ |
| • \$1.00 X _____ SF Undeveloped Riverfront Area | \$ _____ |
| • \$5.00 X _____ LF Coastal Bank | \$ _____ |
| • \$0.10 X _____ SF Buffer Zone | \$ _____ |

(B.) EXTENSION of an Order of Conditions:

- Minor Project ... \$100.00 + _____ (¼ local fee from NOI) \$ _____
- Other Projects ... \$200.00 + _____ (¼ local fee from NOI) \$ _____

(C.) AMENDING A PERMIT:

- Written inquiry or request to appear to determine the need for an Amended Order:** (\$50.00 fee) \$_____
- Amending OOC: \$150.00 + _____ (applicable alteration fee) \$_____

(D.) RESOURCE BOUNDARY DELINEATION VERIFICATION USING AN RDA APPLICATION:

- \$150.00 + \$2.00 X _____ LF Wetland boundary \$_____

(E.) ABBREVIATED RESOURCE AREA DELINEATION VERIFICATION (ANRAD)

- \$150.00 + \$1.00 X _____ LF Resource Area boundary \$_____

(F.) RESOURCE BOUNDARY DELINEATION VERIFICATION CONDUCTED DURING A NOTICE OF INTENT REVIEW

- \$150.00 + \$3.00 X _____ LF Resource Area boundary \$_____

(G.) DOCKS:

- \$100.00 + \$4.00 X 394 LF of dock \$ 1,576.00
- Add 150% to total fee if in significant shellfish habitat \$_____

(H.) AFTER THE FACT FILING:

- All Total Fees are doubled \$_____

(I.) RESTORATION PLAN FEE:

- (\$150.00 + _____ Alteration Fee) Multiplied by 2 \$_____

(J.) LIFTING ON ENFORCEMENT ORDER:

- \$150.00 fee \$_____

(K.) CERTIFICATE OF COMPLIANCE:

- refer to "K" of the Fee schedule \$_____

(L.) PENALTIES:

- refer to "L" of the Fee schedule \$_____

TOTAL AMOUNT DUE (including after-the-fact fee if applicable): \$ 1,576.00

GEI



Consultants

GEI Consultants, Inc.
400 Unicorn Park Drive
Woburn, MA 01801

Eastern Bank

LYNN, MA 01901
53-179/113

734382

3/29/2017

NO.

734382

*****775.50

PAY

Seven Hundred
Seventy Five

DOLLARS AND

Fifty

CENTS

\$

TO THE
ORDER
OF

COMMONWEALTH OF MASS - DEP
DEPT. OF ENVIRONMENTAL PROTECTION
P.O. BOX 4062
BOSTON, MA 02211
United States

VOID AFTER 180 DAYS

Judith S. Clurn
AUTHORIZED SIGNATURE

MP

SECOND SIGNATURE REQUIRED IF OVER \$25,000.00

⑈734382⑈ ⑆011301798⑆ 60 0248942⑈

GEI



Consultants

GEI Consultants, Inc.
400 Unicorn Park Drive
Woburn, MA 01801

Eastern Bank

LYNN, MA 01901
53-179/113

734391

3/29/2017

NO.

734391

*****2,376.50

PAY

Two Thousand Three
Hundred Seventy Six

DOLLARS AND

Fifty

CENTS

\$

TO THE
ORDER
OF

CITY OF NEW BEDFORD
133 WILLIAMS STREET
NEW BEDFORD, MA 02740
United States

VOID AFTER 180 DAYS

Judith S. Clurn
AUTHORIZED SIGNATURE

MP

SECOND SIGNATURE REQUIRED IF OVER \$25,000.00

⑈734391⑈ ⑆011301798⑆ 60 0248942⑈

AFFIDAVIT OF SERVICE – ABUTTER NOTIFICATION

*Massachusetts Wetlands Protection Act
City of New Bedford Wetland Protection Ordinance*

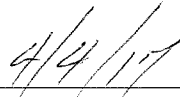
I, Bradford Saunders, on behalf of the Massachusetts Department of Conservation and Recreation, hereby certify under the pains and penalties of perjury, that on April 4, 2017 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40 and 310 CMR 10.05(4)(a) in connection with the following matter:

A Notice of Intent filed with the conservation commission of the City of New Bedford, on behalf of the Massachusetts Department of Conservation and Recreation, 30 Shipyard Drive, Suite 200, Hingham, Massachusetts, to remove and replace the east wharf of the State Pier located at 93 State Pier, New Bedford, Massachusetts.

The form of notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.



Bradford Saunders



Date

Notification to Abutters

Massachusetts Wetlands Protection Act City of New Bedford Wetland Protection Ordinance

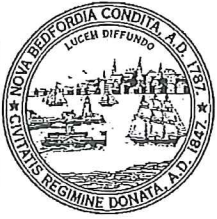
In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40 and the City of New Bedford Wetland Protection Ordinance and its associated Rules and Regulations, you are hereby notified of the following:

- A. The name of the Applicant is the Massachusetts Department of Conservation and Recreation, 30 Shipyard Drive, Suite 200, Hingham, MA 02043.
- B. The Applicant has filed a Notice of Intent with the conservation commission for the municipality of New Bedford, Massachusetts. The proposed work consists of the removal and replacement of the east wharf of the State Pier, together with the replacement of a section of deteriorating seawall with a new concrete seawall. The new structures will occupy the same footprint as the existing structures to be replaced.
- C. The address of where the activities are located is 93 State Pier, New Bedford, Massachusetts.
- D. Copies of the request for amendment may be examined by contacting the New Bedford Conservation Commission at 508-991-6188.
- E. Copies of the request for amendment also may be obtained from GEI Consultants, Inc. (the Applicant's representative) by calling 774-277-6016 between the hours of 8:00 am and 5:00 pm, Monday through Friday.
- F. Information regarding the public hearing may be obtained from the New Bedford Conservation Commission (the regulatory agency) by calling 508-991-6188.

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: Notice of the Public Hearing also will be posted at the New Bedford City Hall not less than 48 hours in advance.

NOTE: You also may contact the Department of Environmental Protection (DEP) Southeast Regional Office at 508-946-2700 for more information about this request or the Wetlands Protection Act.



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 PROPERTY | |
|---|-------------------------------------|
| MAP # | 47 and 53 |
| LOT(S)# | 47-203 / 53-217 |
| ADDRESS: 49 State Pier and ES MacAuthur Drive | |
| OWNER INFORMATION | |
| NAME: Commonwealth of MA - Dept. of Conservation & Recreation | |
| MAILING ADDRESS: 30 Shipyard Dr., Suite 200, Hingham, MA 02043 | |
| APPLICANT/CONTACT PERSON INFORMATION | |
| NAME (IF DIFFERENT): Brad Saunders | |
| MAILING ADDRESS (IF DIFFERENT): GEI Consultants, Inc., 3 Bent Street, Franklin, MA 02038 | |
| TELEPHONE # | 617-921-6435 |
| EMAIL ADDRESS: | bsaunders@geiconsultants.com |
| REASON FOR THIS REQUEST: <i>Check appropriate</i> | |
| <input type="checkbox"/> | ZONING BOARD OF APPEALS APPLICATION |
| <input type="checkbox"/> | PLANNING BOARD APPLICATION |
| <input checked="" type="checkbox"/> | CONSERVATION COMMISSION APPLICATION |
| <input type="checkbox"/> | LICENSING BOARD APPLICATION |
| <input type="checkbox"/> | OTHER (<i>Please explain</i>): |

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:

As Administrative Assistant to the City of New Bedford's Board of Assessors, I do hereby certify that the names and addresses as identified on the attached "abutters list" are duly recorded and appear on the most recent tax.

Carlos Amado

Printed Name

Justine Mersdahl
Signature

3/13/2017
Date

RECEIVED

MAR 20 2017

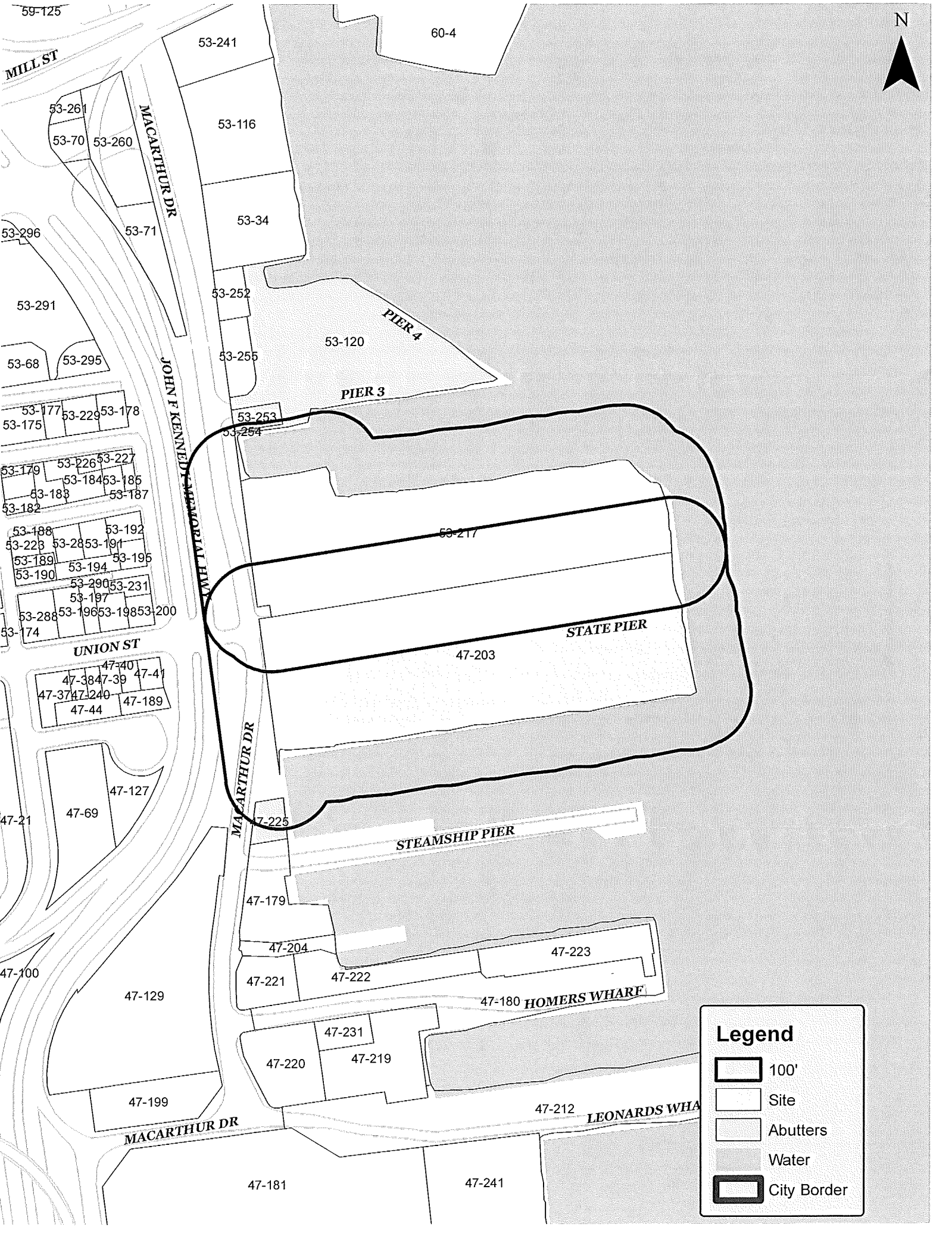


March 9, 2017
Dear Applicant,

Please find below the List of Abutters within 100 feet of the property known as 49 State Pier (53-217) and ES MacArthur Drive (47-203). 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.

| <u>Parcel</u> | <u>Location</u> | <u>Owner and Mailing Address</u> |
|------------------|------------------------------------|---|
| 53-253 | 46 FISHERMAN'S WHF <i>48.52</i> | CITY OF NEW BEDFORD, PIER 3 131 WILLIAM ST NEW BEDFORD, MA 02740 |
| 47-225 <i>ES</i> | MACARTHUR DR | CITY OF NEW BEDFORD, 131 WILLIAM ST NEW BEDFORD, MA 02740 |
| 53-120 <i>ES</i> | MACARTHUR DR | CITY OF NEW BEDFORD, 131 WILLIAM ST NEW BEDFORD, MA 02740 |
| 53-254 <i>ES</i> | MACARTHUR DR | CITY OF NEW BEDFORD, PIER 3 131 WILLIAM ST NEW BEDFORD, MA 02740 |
| 53-217 | 49 STATE PIER | COMMONWEALTH OF MASS, STATE PIER BUILDING NEW BEDFORD, MA 02740 |
| 47-203 <i>ES</i> | MACARTHUR DR | COMMONWEALTH OF MASS, STATE PIER 133 WILLIAM STREET NEW BEDFORD, MA 02740 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



Legend

- 100'
- Site
- Abutters
- Water
- City Border