### NOTICE OF INTENT

pursuant to

The Regulations of Massachusetts Wetlands Protection Act 310 CMR 10.00

and the

City of New Bedford Wetlands Protection Ordinance

Shoreline Marine Terminal, LLC
Building Demolition
Map 79, Lot 2
26 North Front Street
New Bedford, Massachusetts

### PREPARED FOR:

SHORELINE MARINE TERMINAL, LLC 137 POPE'S ISLAND NEW BEDFORD, MA 02740

PREPARED BY:

Pare Corporation 10 Lincoln Road, Suite 210 Foxboro, MA 02035

Original Submission: MARCH 2022 Resubmission: AUGUST 2022





August 4, 2022

New Bedford Conservation Commission New Bedford Department of Environmental Stewardship 133 William Street, Room 304 New Bedford, Massachusetts 02740

Re: Notice of Intent – Building Demolition Project Shoreline Marine Terminal, LLC 26 North Front Street New Bedford, MA Pare Project No. 20109.00

Dear Members of the Conservation Commission:

On behalf of Shoreline Marine Terminal, LLC (Shoreline) – the Applicant – and pursuant to the Regulations of the Massachusetts Wetlands Protection Act 310 CMR 10.00 (referred to herein as the WPA Regulations) and the City of New Bedford Wetlands Protection Ordinance (referred to herein as the Ordinance), Pare Corporation (Pare) is submitting the attached Notice of Intent (NOI) for your review. This NOI submission replaces the original NOI we submitted on March 24, 2022, which included the demolition of Buildings #2 and #12. The project limit now extends further west and includes demolishing Buildings #1, #2, #3, #3A, #4, #12, and #19. The Project also includes disconnection and abandonment of associated building utility services, and installation of asphalt pavement, dense grade aggregate, utilities, and stormwater best management practices in the affected areas. Landscaping islands will be installed on the southwestern and western sides of the property.

#### Enclosed are the following materials:

- One (1) original signed and one (1) copy of the WPA Form 3;
- One (1) copy of the NOI for the referenced Project, including the Transmittal Form, Municipal Forms, Figures, Abutter Notification Information, Project Narrative, and Stormwater Report; and
- Two (2) full size sets of Project Plans.

An electronic copy of the listed materials has been provided to the Commission concurrently with this submission. Please note that abutters will be notified via Certificate of Mailing as provided for under 310 CMR 10.05(4)(a). A copy of the Certificate of Mailing will be supplied prior to the public hearing.

Wetland resource areas to be impacted by the building demolition are consistent with those calculated in the previous submission and include the 25-foot Riverfront Area and Land Subject to Coastal Storm Flowage associated with the Acushnet River. In addition, impacts are proposed within developed areas of the 100-foot Buffer Zone associated with the Coastal Bank. Because none of the additional work is located within resource



areas or buffer zones, this NOI refiling is not subject to any state or additional municipal filing fees from those submitted with the original submission. The coastal resource area impacts resulting from the Work are necessary to meet the above project needs, and we have designed the building demolition to either avoid or minimize disturbances to those resource areas to the maximum extent practicable.

Shoreline has actively taken steps to revitalize the former Revere Copper Products site since acquiring the property in 2019. A new rail spur, permitted under separate cover, is nearly complete and permitting and design of the new marine travel lift pier is also nearing completion. Additional site improvements include installing a new bulkhead wall (later this summer), placing new asphalt pavement and dense graded aggregate, as well as installing new stormwater control measures, utilities, site lighting and landscaping to support the Shipyard. Shoreline envisions the new Shipyard as a beneficial waterfront development providing ship building and repair services to the thriving commercial fishing industry all along the eastern coast. To make room for the new marine travel lift and future ship building operations and storage, the site buildings must be demolished. Shoreline previously met with the City considering the age of the two building (>75 years old) and is working with the City's Department of Inspectional Services (DIS), Historic Commission and City Councilors to ensure the proper building due diligence is performed, according to the City's demolition delay ordinance, prior to issuing a demolition permit. The Historic Commission has already released their findings to the City Councilors, indicating that the buildings are Historically Significant, but not Preferably Preserved Historic Buildings. DIS is awaiting final approval from the Planning Board on the Special Permit/Definitive Site Plan (Case #22-34), which is to be publicly heard on August 10, 2022, before issuing us the demolition permit.

We look forward to working with you on this very important project. If you have any questions, please feel free to contact us.

Sincerely,

**Pare Corporation** 

Lauren H. Gluck, P.W.S.

Senior Environmental Scientist

LHG/adh/act

cc: DEP Southeast Regional Office

Shoreline Marine Terminal, LLC

File

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Figure 2 – Mapped Priority and Estimated Habitats

Figure 3 – FEMA Firm (Map 25005C0393G, dated 7/16/2014)

Section 4 Stormwater Management Report (Bound Separately)

Section 5 Project Plans entitled "Former Revere Copper Site, Phase I Redevelopment –

Conservation Commission Submission", dated August 4, 2022 (Bound Separately)

Attachment 1 Asbestos Survey Report, Commercial Buildings, 24 North Front Street, New Bedford,

MA, prepared by AltTech Services, dated July 8, 2022

Attachment 2 USEPA and MassDEP Letter of Consistency Determination, dated January 23, 2022.

### **SECTION 1**

**Administrative Documentation** 



Form 3 – Notice of Intent





### **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

26 North Front Street	New Bedfo	
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	41.649852	
_	d. Latitude	e. Longitude
79	2	NI. mala a m
f. Assessors Map/Plat Number	g. Parcel /Lot	Number
Applicant:		
Michael	Quinn	
a. First Name	b. Last Na	ame
Shoreline Marine Terminal, LLC		
c. Organization		
137 Pope's Island d. Street Address		
	N A A	02740
New Bedford e. City/Town	MA f. State	<u>02740</u> g. Zip Code
508-525-3731	mike@smotrue	- ·
h. Phone Number i. Fax Nun		evalue.com
Proporty owner (required if differ	cont from applicant):	neck if more than one owner
Property owner (required if differ	ent from applicant).	neck if more than one owner
Michael	Quinn	
a. First Name	b. Last Na	ame
Shoreline Resources, LLC		
c. Organization		
137 Pope's Island d. Street Address		
New Bedford	MA	02740
e. City/Town	f. State	g. Zip Code
508-525-3731	mike@smotrue	• •
h. Phone Number i. Fax Nun		evalue.com
Paprocentative (if any):	,	
Representative (if any):	Hanasa	
Alan a. First Name	Hansco	
Pare Corporation	b. Last Ne	ame
c. Company		
10 Lincoln Road, Suite 210		
d. Street Address		
Foxborough	MA	02035
e. City/Town	f. State	g. Zip Code
6178721489	ahanscom@pa	arecorp.com
h. Phone Number i. Fax Nun	nber j. Email address	
Total WPA Fee Paid (from NOI \	Wetland Fee Transmittal Form	
•	•	
\$1,062.50 a. Total Fee Paid	\$1,037.50 b. State Fee Paid	\$2,100.00 c. City/Town Fee Paid
3 10131 FOO FOIG	n State Foo Daid	C LITH OWN FOO HOLD



### **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

Provide	d by MassDEP:
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Do	cument Transaction Number
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Cit	y/Town

Α.	General Information (continued)				
6.	General Project Description:				
Demolition of seven (7) buildings - #1, #2, #3, #3A, #4, #12 and #19. Coordinate discon utilities servicing building with the respective City department. Stormwater best manage practices (BMPs) will be installed in compliance with the Massachusetts Stormwater requand the City of New Bedford's Stormwater Rules and Regulations.					
7a.	Project Type Checklist: (Limited Project Types see Section 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 Econometric 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 Ecological Restoration Limited Project (310 CMR10.24(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:				
	South Bristol  a. County  b. Certificate # (if registered land)				
	See Attachment A c. Book d. Page Number				
В.	Buffer Zone & Resource Area Impacts (temporary & permanent)				
1. 2.	<ul> <li>□ 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.</li> <li>□ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).</li> </ul>				
	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.



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

### **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)		
a. 🗌	Bank	1. linear feet	2. linear feet		
b	Bordering Vegetated Wetland	1. square feet	2. square feet		
c. 🗌	Land Under Waterbodies and	1. square feet	2. square feet		
	Waterways	3. cubic yards dredged			
Resour	ce Area	Size of Proposed Alteration	Proposed Replacement (if any)		
d. 🗌	Bordering Land				
	Subject to Flooding	1. square feet	2. square feet		
		3. cubic feet of flood storage lost	4. cubic feet replaced		
e. 🗌	Isolated Land Subject to Flooding	1. square feet			
	Subject to 1 looding	n equale leet			
		2. cubic feet of flood storage lost	3. cubic feet replaced		
f. 🛛	Riverfront Area	Acushnet River (coastal)  1. Name of Waterway (if available) - spec	eify coastal or inland		
2.					
۷.	2. Width of Niverholit Area (Gleck one).				
	□ 25 ft Designated Densely Developed Areas only				
	☐ 100 ft New agricult	ural projects only			
	200 ft All other proj	ects			
			15 200		
3. Total area of Riverfront Area on the site of the proposed project: $\frac{15,290}{\text{square feet}}$					
4. Proposed alteration of the Riverfront Area:					
34	.5	345			
a. t	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 activ	ity is proposed created prior to Augu	ust 1, 1996? ⊠ Yes		

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

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)



### **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

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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.

4.

5.

Resource Area		Size of Proposed Alteration	Proposed Replacement (if any)
а. 🗌	Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. 🗌	Land Under the Ocean	1. square feet	
		2. cubic yards dredged	
с. 🗌	Barrier Beach	Indicate size under Coastal Bea	ches and/or Coastal Dunes below
d. 🗌	Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. 🗌	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	
		2. cubic yards dredged	
j. 🗌	Land Containing Shellfish	1. square feet	
k. 🗌	Fish Runs	Indicate size under Coastal Ban Ocean, and/or inland Land Unde above	ks, inland Bank, Land Under the er Waterbodies and Waterways,
I. 🛚	Land Subject to Coastal Storm Flowage	1. cubic yards dredged 13,733 1. square feet	
If the p		restoring or enhancing a wetland tered in Section B.2.b or B.3.h abo	
a. squar	re feet of BVW	b. square feet of S	Salt Marsh
☐ Pr	oject Involves Stream Cros	ssings	
a. numb	er of new stream crossings	b. number of repla	acement stream crossings



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

### WPA Form 3 – Notice of Intent Massachusetts Wetlands Protection Act M.G.L.

Prov	rided by MassDEP:
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	City/Town

IVIE	assachusells Wellands Protection Act	I M.G.L. C. 131, 940	New Bedford			
			City/Town			
C.	C. Other Applicable Standards and Requirements					
	This is a proposal for an Ecological Rescomplete Appendix A: Ecological Resto (310 CMR 10.11).		•			
Str	reamlined Massachusetts Endangered	d Species Act/Wetland	s Protection Act Review			
1.	Is any portion of the proposed project locate the most recent Estimated Habitat Map of S Natural Heritage and Endangered Species I Massachusetts Natural Heritage Atlas or go http://maps.massgis.state.ma.us/PRI_EST	State-Listed Rare Wetland Program (NHESP)? To vio to	Wildlife published by the			
	a.  Yes No If yes, include pro	oof of mailing or hand de	elivery of NOI to:			
			Program			
	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 End	dangered Species Review	*			
	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, included wetlands jurisdiction, showing existing and particles/vegetation clearing line, and clearly derived.	proposed conditions, exis-				
	(a) Project description (including de	escription of impacts outsi	ide of wetland resource area &			

Photographs representative of the site

buffer zone)

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<sup>\*</sup> Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <a href="https://www.mass.gov/ma-">https://www.mass.gov/ma-</a> endangered-species-act-mesa-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.



3.

### **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

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City/Town			

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

(c) MESA filing fee (fee information available at <a href="https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review">https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review</a> ).  Make check payable to "Commonwealth of Massachusetts - NHESP" and <i>mail to NHESP</i> 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 & Estim	ated Habitat boundaries					
(f) OR Check One of the Following						
https://www.mass.gov/service-details/e	MESA exemption applies. (See 321 CMR 10.14, exemptions-from-review-for-projectsactivities-inent to NHESP if the project is within estimated d 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" dete Permit with approved plan.	ermination or valid Conservation & Management					
For coastal projects only, is any portion of the propline or in a fish run?	osed project located below the mean high water					
a. 🛮 Not applicable – project is in inland resource	area only b.  Yes No					
If yes, include proof of mailing, hand delivery, or el	ectronic delivery of NOI to either:					
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:	North Shore - Hull to New Hampshire border:					
Division of Marine Fisheries - Southeast Marine Fisheries Station Attn: Environmental Reviewer 836 South Rodney French Blvd. New Bedford, MA 02744 Email: dmf.envreview-south@mass.gov	Division of Marine Fisheries - North Shore Office Attn: Environmental Reviewer 30 Emerson Avenue Gloucester, MA 01930 Email: dmf.envreview-north@mass.gov					
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.						
c. Is this an aquaculture project?	d. 🗌 Yes 🛛 No					
If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).						

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

### WPA Form 3 - Notice of Intent

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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. $\square$ Yes $\boxtimes$ 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	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?
supplementary information you		a. 🗌 Yes 🔀 No
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>a. </li> <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>1. </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 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.)

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.

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2.



# 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

Prov	rided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	New Bedford
	City/Town

D.	Add	itional 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 wit	h this NOI.		
	"SI	noreline Marine Terminal,LLC Former Re	evere Copper Site Redevelopr	nent"		
		Plan Title				
		re Corporation	various			
		Prepared By	c. Signed and Stamped by			
		gust 4, 2022 Final Revision Date	As noted e. Scale			
	f. A	dditional Plan or Document Title		g. Date		
	5. 🛚	If there is more than one property owner listed on this form.	r, please attach a list of these	property owners not		
	6.	Attach proof of mailing for Natural Herita	age and Endangered Species	Program, if needed.		
<ul> <li>7.  Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.</li> <li>8.  Attach NOI Wetland Fee Transmittal Form</li> </ul>				s, if needed.		
9. Attach Stormwater Report, if needed.						
F	Fees					
_	1 003					
	<ol> <li>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.</li> </ol>					
	Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:					
201250 03/23/2022						
		ipal Check Number	3. Check date			
	201249		03/23/2022			
		Check Number	5. Check date			
		ine Marine Terminal, LLC				
6. Payor name on check: First Name			7. Payor name on check:	7. Payor name on check: Last Name		

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

### WPA Form 3 – Notice of Intent

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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.

manufact the	8-3-12
1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date /
5. Signature of Representative (if any)	8/03/22 6. Date
3. Signature of Representative (if arry)	o. 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.

Filing Fee Transmittal Form





### 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





A. Applicant Information						
Location of Project:						
26 North Front Street	New Bedford	New Bedford				
a. Street Address	b. City/Town					
	\$1,037.50					
c. Check number	d. Fee amount					
Applicant Mailing Address:						
Michael	Quinn					
a. First Name	b. Last Name					
Shoreline Marine Terminal, LLC						
c. Organization						
137 Pope's Island	137 Pope's Island					
d. Mailing Address						
New Bedford	MA	02740				
e. City/Town	f. State	g. Zip Code				
508-525-3731	mike@smotruevalue.com					
h. Phone Number i. Fax Number	j. Email Address					
3. Property Owner (if different):						
Michael	Quinn	Quinn				
a. First Name	b. Last Name	b. Last Name				
Shoreline Resources, LLC						
c. Organization						
137 Pope's Island						
d. Mailing Address						
New Bedford	MA	02740				
e. City/Town	f. State	g. Zip Code				
508-525-3731	mike@smotruevalue.com	mike@smotruevalue.com				

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

h. Phone Number

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

j. Email Address

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.

i. Fax Number

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
Demolish Building (Cat 3)	2	\$1,050	\$2,100
	Step 5/T	otal Project Fee:	\$2,100
		Fee Payments:	<u>, , , , , , , , , , , , , , , , , , , </u>
	Total	Project Fee:	\$2,100 a. Total Fee from Step 5
	State share	of filing Fee:	\$1037.50 b. 1/2 Total Fee <b>less</b> \$12.50
	City/Town share	e of filling Fee:	\$1,062.50 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.)

Proof of Property Ownership



### Shoreline Resources, LLC 137 Popes Island New Bedford, MA 02740

July 11	1, 2022:	
RE:	Shoreline Marine Terminal LLC  26 North Front Street, New Bedford  Appointment of Project	
To Wh	hom it May Concern:	
Shore	line Marine Terminal , LLC is affiliated with Shoreline Reso	urces LLC.
Shore	eline Resources LLC hereby authorizes Shoreline Marine Te	rminal LLC to proceed with permitting
and co	onstruction of the Shoreline Marine Terminal project.	
Micha	ael Quinn, Manager, Shoreline Resources, LLC	Date

### Shoreline Marine Terminal, LLC 24-26 North Front Street New Bedford, MA 02740

July 11, 2022:

RE:

Shoreline Marine Terminal LLC

26 North Front Street, New Bedford

Appointment of Agent

To Whom it May Concern:

Shoreline Marine Terminals, LLC and Shoreline Resources LLC hereby appoint the following agent for the Shoreline Marine Terminal project.

Alan Hanscom, LSP
Pare Corporation
10 Lincoln Road, Suite 210
Foxboro, MA 02035
ahanscom@parecorp.com

Michael Quinn, Manager

7-13-2022

### Commonwealth of Massachusetts Bristol County

	On this 13 day of July, 2022, Michael Quinn, before me, the undersigned Notary Public
	Nichael Quin personally appeared and proved to me through satisfactory evidence of
	identification, which were Li Cense
6	Michael Quinn, to be the person whose name is signed to this document, and acknowledged
•	that he/she signed it voluntarily for the stated purpose, as Manager of the Limited Liability Corporation.



Notary Public signature

## WRITTEN CONSENT OF ALL MANAGERS AND MEMBERS OF SHORELINE MARINE TERMINAL LLC FORMERLY SHORELINE RESOURCES, LLC

Pursuant to the provisions of the General Laws of Massachusetts, the undersigned, being the all of the Managers and Members of Shoreline Marine Terminal LLC, a Massachusetts limited liability company with a principal place of business located at 132 Pope's Island, New Bedford, MA 02740 (the "LLC"), hereby consents to the following actions and adopt the following votes and direct that this writing be placed with the records of the special meetings of the Managers and Members of the LLC to be treated for all purposes as votes taken at a meeting.

- 1. This written consent shall be considered a special meeting of all of the Managers and Members of the LLC held on July 19, 2022.
- 2. VOTED: To authorize the either Charles M. Quinn or Michael Quinn to sign all documents necessary or incidental to the submission to the City of New Bedford for site plan review, special permit; demolition permits, building permits or anything else required to develop the real property styled 24-26 North Front Street, New Bedford, MA The signature of either Charles M. Quinn or Michael Quinn shall bind the LLC

IN WITNESS WHEREOF, the undersigned have hereunto set our hands and executed this written consent on July 19, 2022

CHARLES M. QUINN, Member and

Manager

MICHAEL QUINN, Member

4303808.1/30558-2

LOCUS
24-26 N FRONT ST.
4 VACANT LAND NASH ROAD

2019 2001447

Bk: 12846 Pg: 1 Pg: 1 of 10 BS Doc: DEED 07/02/2019 03:54 PM

MASSACHUSETTS/EXCISE TAX
Bristol ROD South 001
Date: 07/02/2019 03:54 PM
Ctrl# 028287 19997 Doc# 00014471
Fee: \$228.00 Cons; \$50,000.00

After Recording Return To: Mathieu & Mathieu 168 Eighth Street New Bedford, MA 02740

#### DEED

REVERE COPPER PRODUCTS, INC., a Delaware corporation, having an address of One Revere Park, Rome, New York 13440-5561, successor by merger to Revere Copper Products, Inc., a Maryland corporation, hereby grants, with quitclaim covenants, to SHORELINE RESOURCES, LLC, a Massachusetts limited liability company, having an address of 137 Popes Island, New Bedford, Massachusetts 02740, for consideration of Fifty Thousand and 00/100 (\$50,000.00) Dollars, the land with the building(s) thereon, located in New Bedford, Bristol County, Massachusetts, being more particularly described on Schedule A, attached to, incorporated in, and made a part of this instrument.

Subject to all rights, liens, restrictions and encumbrances of record, to the effect that same may exist and be presently in force and effect, including, but not limited to, the following:

Real estate taxes for the current year not due and payable as of this date, which the grantee assumes and agrees to pay.

(Signature page follows)

NEW

WITNESS my hand and seal this 28 day of June, 2019.

REVERE COPPER PRODUCTS, INC.

Name: M. Brian O'Shaughnessy
Title: Chairman of the Board

STATE OF NEW YORK

ONEIDA COUNTY; ss

On this 28 day of June, 2019, before me, the undersigned notary public, personally appeared M. BRIAN O'SHAUGHNESSY, proved to me through satisfactory evidence of identification, which was a PHOTO J.D., to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose, as Chairman of the Board of Revere Copper Products, Inc., and as the voluntary act of Revere Copper Products, Inc.

Killy 7 (unimage) (official signature and seal of notary)

My Commission Expires:

KELLY L. CREEKMORE
Notary Public, State of New York
Reg. # 01CR6242709
Qualified in Onelda County
Commission Expires June 6, 2023

### SCHEDULE A

All those certain parcels of land situate, lying and being in the City of New Bedford, Bristol County, Massachusetts, bounded and described as follows:

#### FIRST PARCEL:

Beginning at the southwest corner of the parcel hereby conveyed at the northwest corner of the second parcel described herein at a point in the east line of North Front Street; thence northerly in said east line of North Front Street three hundred (300) feet more or less to a corner at other land now or formerly of Revere Copper and Brass Incorporated ("RC&B") and formerly of Grinnell Manufacturing Corporation; thence easterly by said land now or formerly of RC&B to the Acushnet River and into the river as far as private rights extend; then beginning again at the southwest corner of this parcel and running easterly by the north line of the second parcel described herein seven hundred and fifty (750) feet more or less to the Acushnet River and into the river as far as private rights extend; and thence northerly by the river to the easterly termination of the second described line of this parcel.

Together with the right to the exclusive use of the waters of Rodman Pond, so-called, except so far as the same are modified, restricted and regulated by a certain indenture of three parts executed by Benjamin Rodman, the Wamsutta Mills and New Bedford Copper Company dated September 15, 1860 recorded in Book 43 at Page 263 in the Bristol County (S.D.) Registry of Deeds.

Being the first parcel described in a deed from Taunton-New Bedford Copper Company to Republic Brass Corporation recorded with Bristol County (S.D.) Registry of Deeds Book 674 Page 480, and including therein any area filled pursuant to licenses #970 and #1615 granted by The Commonwealth of Massachusetts and recorded with said Registry Book 674 Page 477 (Plan Book 29 Page 119) and Book 759 Page 501 (Plan Book 31 Page 33) respectively. For title from Republic Brass Corporation to RC&B see Affidavit Relative to Corporate Change of Name recorded herewith in Book 1809 Page 708.

#### SECOND PARCEL:

Beginning at the southwest corner thereof at a point in the easterly line of North Front Street at the northwest corner of land now or formerly of RC&B and formerly of the Wamsutta Mills formerly known as the Railroad Lot; the same being described as sixth parcel herein; thence easterly by said land now or formerly of RC&B about five hundred thirty (530) feet more or less to the Acushnet River and in the same course into the river as far as private rights extend; then beginning again at the first mentioned point and running northerly in the easterly line of North Front Street forty (40) feet more or less to the southwest corner of the first parcel above described; thence easterly by said first parcel seven hundred fifty (750) feet more or less to the Acushnet River and in the same

course into the river as far as private rights extend; and thence southerly by the river to the easterly termination of the first described line of this parcel.

Being the second parcel described in deed from Taunton-New Bedford Copper Company to "Republic Brass Corporation recorded with said Registry Book 674 Page 480 and is mortgaged subject to such rights as the City of New Bedford may have to maintain a sewer under the portion thereof which was formerly Copper Street and discontinued July, 1928. For title to RC&B from Republic Brass Corporation see Affidavit Relative to Corporate Change of Name recorded herewith in Book 1809 Page 708.

### THIRD PARCEL:

Beginning at the southwest corner thereof at the point where the east line of thirty-three (33) foot way intersects the north line of the Nash Road; thence running northerly in the east line of said way about sixty-six (66) rods to land now or formerly of Isaac Francis; thence easterly in the southerly line of said Francis land to the southeast corner thereof; thence in said Francis' east line N 20° W forty-nine (49) rods to a stake; thence S 87° E to the westerly line of the location of the New York, New Haven and Hartford Railroad; thence in said westerly line of said railroad southerly as the railroad runs to said north line of Nash Road; and thence in said north line of said Nash Road westerly to the place of beginning; containing thirty (30) acres more or less but excepting therefrom that portion taken by Order of Taking of the Commonwealth of Massachusetts August 6, 1968, for location of State Highway Route 140 recorded with said Registry Book 1588 Page 834, Plan Book 81 Page 12, and being the third parcel described in deed from Taunton-New Bedford Copper Company to Republic Brass Corporation recorded with said Registry Book 674 Page 480 subject nevertheless to the foregoing exception. For title to RC&B from Republic Brass Corporation see Affidavit Relative to Corporate Change of Name recorded herewith in Book 1809 Page 708.

#### FOURTH PARCEL:

Beginning at the southwest corner of the parcel hereby mortgaged at a point in North Front Street at other land of Revere Copper Products, Inc. described as Second Parcel herein and running easterly by said last mentioned land to and into the Acushnet River as far as RC&B's title now or formerly extended; then beginning again at the point of beginning and running northerly by said North Front Street three hundred seventy-three and 21/100 (373.21) feet to a point opposite the end of Logan Street; thence running easterly on a course at right angles with the easterly line of North Front Street through a stone bound in said easterly line of North Front Street two hundred twenty-seven and 70/100 (227.70) feet to a copper plug; thence running northerly at an exterior angle of 90° thirteen and 60/100 (13.60) feet to a copper plug; thence running easterly at an interior angle 89° 29' one hundred forty-six and 90/100 (146.90) feet to a drill hole in the outside face of a wall of a building; thence running southerly at an interior angle of 89° 17' 30" twenty-one and 63/100 (21.63) feet by said outside face of the wall to an ell of said building; thence running easterly at a right angle through the wall two and 40/100 (2.40) feet to the inside face of said first mentioned wall; thence running southerly by said

inside face at a right angle thirty-three and 10/100 (33.10) feet; thence running westerly at a right angle by the southerly wall of said ell twelve and 18/100 (12.18) feet to the inside of the westerly wall of a stairway, thence running southerly at a right angle by said stairway wall and through the southerly wall of said stairway one hundred thirty-seven and 33/100 (137.33) feet to a stone bound; thence running easterly at an interior angle of 270°, through a stone bound, four hundred forty-five (445) feet,, more or less, to a stone bound near the Acushnet River and on the same course into the said River as far as RC&B's title now or formerly extended. This property is bounded on its northerly side from North Front Street to said River by other land now or formerly of RC&B and on the east by said River and contains eight hundred and 8/10 (800.8) square rods, more or less. The property mortgaged is shown on a plan entitled "Plan of Land Surveyed for Revere Copper and Brass, Inc., New Bedford, Mass." by Thomas B. Card, C.E., dated November 19, 1936, recorded Plan Book 30 Page 48 and said plan revised April 10, 1937, recorded Plan Book 30 Page 55.

Being the same premises conveyed to RC&B by deed of Grinnell Manufacturing Corporation of December 21, 1936, recorded with said Registry Book 788 Page 16 Conveyance includes such interest as Revere Copper Products, Inc. may have in and to a certain salt water well and pipes connecting same as set out in said Grinnell deed and further includes any area filled pursuant to license #2256 granted by the Commonwealth of Massachusetts arid recorded with said Registry Book 835 Page 163 Plan Book 33 Page. 34.

### FIFTH PARCEL:

Beginning at the westerly end thereof at a point in the northerly line of land now or formerly of RC&B distant easterly therein one hundred ninety-eight and 15/100 (198.15) feet from a stone bound in the east line of North Front Street, said point being 17/100 of a foot south of a copper plug in the ground or concrete; thence easterly in line of land now or formerly of RC&B twenty-nine and 55/100 (29.55) feet to a copper plug; thence northerly still by land now or formerly of RC&B and at an interior angle of 90° thirteen and 60/100 (13.60) feet to a copper plug; thence easterly still by land now or formerly of RC&B, at an exterior angle of 89° 29' one hundred forty-six and 90/100 (146.90) feet to a drill hole in the outside face of a wall of a building; thence southerly still by land now or formerly of RC&B, at an exterior angle of 89° 17' 30" by said outside face of the wall twenty-one and 63/100 (21.63) feet to an ell of a building; thence running easterly at a right angle still by grantor's land through the wall two and 40/100 (2.40) feet to the inside face of said first mentioned wall; thence running southerly still by land now or formerly of RC&B by said inside face at a right angle thirty-three and 10/100 (33.10) feet; thence running westerly still by land now or formerly of RC&B at a right angle by the southerly wall of said ell twelve and 18/100 (12.18) feet to the inside face of the westerly wall of a stairway; thence running southerly still by land now or formerly of RC&B at a right angle by said stairway wall and through the southerly wall of said stairway one hundred thirty-seven and 33/100 (137.33) feet to a stone bound; thence easterly at an exterior angle of 270° still by land now or formerly of RC&B and through a building for a portion of the distance one hundred sixty-one and 25/100 (161.25) feet to a stone bound; thence northerly by land now or formerly of Grinnell Machinery and Supply

Co., Inc. two hundred sixty-three and 41/100 (263.41) feet to a stone bound; thence westerly still by said Grinnell land and through a building for a portion of the distance one hundred eighty-one and 47/100 (181.47) feet to a stone bound; thence southwesterly still by said Grinnell land eighty and 36/100 (80.36) feet to a copper plug; thence westerly still by said Grinnell land sixty-six and 83/100 (66.83) feet to a copper plug; thence southwesterly still by said. Grinnell land thirty-seven and 66/100 (37.66) feet to the place of beginning: Containing one hundred seventy and 23/100 (170.23) square rods, more or less.

Being the same premises conveyed to RC&B by deed of Grinnell Machinery and Supply Co., Inc. of April 26, 1937, recorded with said Registry Book 791 Page 318 and appearing as Lot B on plan of land surveyed by Thomas B. Card, C.E., for Revere Copper and Brass Incorporated dated November 19, 1936, as revised April 10, 1937, and recorded with said Registry Plan Book 30 Page 55.

Together with such rights Revere Copper Products, Inc. may have to use sewerage pipes as set out in Grinnell Machinery and Supply Co., Inc. deed of April 26, 1937.

#### SIXTH PARCEL:

Bounded:

Westerly:

By North Front Street now measuring three hundred seventy-two

and 29/100 (372.29) feet, more or less.

Northerly:

By the southerly line of other land now or formerly of RC&B

herein described as Third Parcel.

Easterly:

]

By the Acushnet River at the location to which private rights

extend.

Southerly:

By land now or formerly of Wamsutta Mills and the Acushnet River; containing two-hundred seven thousand (207,000) square feet more or less and being the same premises conveyed to RC&B by deed of said Wamsutta Mills May 6, 1943. This mortgage is subject to any rights of said Wamsutta Mills to use and maintain a

private drain on said premises as reserved in said deed.

The First Parcel through the Sixth Parcel, inclusive, being the same premises conveyed to Revere Copper Products, Inc. by RC&B by deed dated August 26, 1980 and recorded with said Registry Book 1809 Page 709.

Excepting therefrom the following described premises:

All that certain tract or parcel of land, situated on the easterly side of North Front Street In the City of New Bedford, Bristol County, Massachusetts, bounded and described as follows:

Beginning at a point in the easterly line of North Front Street, said point being the intersection of projection of southerly line of Wamsutta Street; thence N. 82° 53' 29" E to and into the Acushnet River as far as private rights extend.

Again starting at the point of beginning; thence N 07° 29' 31.5" W in said east line of North Front Street 287.48 feet, more or less, to a point for a corner; thence N 81° 56' 09" E to and into the Acushnet River as far as private rights extend; thence southerly to the end of the first described line. Containing 4.1 acres, more or less, and appearing at Lot No, 3B on subdivision plan of land in New Bedford prepared for Revere Copper Products, Inc. and dated January 27, 1982, recorded with Bristol County (S.D.) Registry of Deeds; Plan Book 106, Page 94, and being a portion of sixth parcel of the premises conveyed to the grantor by deed of Revere Copper and Brass Incorporated, recorded with Bristol County (S.D.) Registry of Deeds, Book 1809, Page 709.

Together with and reserving therefrom those easements described in that certain deed from Revere Copper Products, Inc. to Thorsteinn Gislason dated September 10, 1984 and recorded with Bristol County (S.D.) Registry of Deeds, Book 1902, Page 964.

Said premises being the same premises conveyed by Revere Copper Products, Inc. to Thorsteinn Gislason by deed dated September 10, 1984 and recorded with said Registry, Book 1902 Page 964.

Further excepting therefrom the following described premises:

All that certain tract or parcel of land situated in the City of New Bedford, Bristol County, Massachusetts, bounded and described as follows:

Beginning at a point in the easterly line of North Front Street 148.77 feet south of the intersection of said easterly line of North Front Street and the projection of the southerly line of Logan Street; thence N 82° 20' 35" E 171.94 feet to a point; thence S 07° 39' 25" E 193.85 feet to a corner;

Thence westerly 4.00 feet more or less to a point in the center line of a party wall between building of the grantor appearing as Building No. 11 on plan to which reference is hereafter made and building on premises herein conveyed appearing as Building No. 23 on said plan; thence continuing westerly in said center line 39.35 feet more or less to a corner; thence northerly still in said center line 9.67 feet more or less to a corner; thence westerly 75.1 feet more or less in said center line to a corner; thence southerly still in said center line 21.67 feet more or less to a corner; thence westerly still in said center line 26.71 feet more or less to a corner, thence northerly in said center line 5.50 feet more or less to a corner; thence S 82° 15' 14" W 27.52 feet to a point in the said easterly line of North Front Street; thence N 07° 29' 32" W in said line 200.51 feet to the point of beginning and containing 33,100 square feet more or less and being the same premises appearing as Parcel B on "Subdivision Plan of Land in New Bedford, Massachusetts, surveyed for Revere Copper Products, Inc., and Opportunity Center of Greater New Bedford, Inc., by Tibbetts Engineering Corporation dated February 25, 1982" as revised said plan to be recorded herewith, and being a portion of the premises conveyed to

Revere Copper Products, Inc. by deed of Revere Copper and Brass Incorporated recorded with the Bristol County (S.D.) Registry of Deeds, Book 1809, Page 709.

Together with and reserving therefrom those easements described in that certain deed from Revere Copper Products, Inc. to Opportunity Center of Greater New Bedford, Inc. dated June 22, 1986 and recorded with Bristol County (S.D.) Registry of Deeds, Book 1846, Page 515.

Said premises being the same premises conveyed by Revere Copper Products, Inc. to Opportunity Center of Greater New Bedford Inc. by deed dated June 22, 1986 and recorded with said Registry Book 1846, Page 515.

#### SAID PROPERTY IS ALSO DESCRIBED AS FOLLOWS:

#### PERIMETER DESCRIPTION PARCELS 1, 2, 4, 5, 6

A certain parcel of land situated on the Easterly side of North Front Street, in the City of New Bedford, the County of Bristol, and the Commonwealth of Massachusetts, being more particularly bounded and described as follows:

Beginning at a nail found at the Southwest corner of the lot to be described, said nail being on the Easterly sideline of said North Front Street, N 07°-29'-32" W, 287.48 feet along the Easterly sideline of said North Front Street from a nail which is N 82°-28'-01" E, 60.00 feet from a stone bound at the Southwest corner of said North Front Street and Wamsutta Street;

Thence	N 07°-29'-32" W, 423.01 feet by the Easterly sideline of said North
	Front Street to a nail;

Thence N 82°-15-14" E, 27.52 feet to a point;

Thence Southerly, 5.50 feet more or less to a point;

Thence Easterly, 26.71 feet more or less to a point;

Thence Northerly, 21.67 feet more or less to a point;

Thence Easterly, 75.11 feet more or less to a point;

Thence Southerly, 9.67 feet more or less to a point;

Thence Easterly, 43.35 feet more or less to a nail;

The last six courses being by the center of a 1.0 foot wide more or less party wall;

Thence N 07°-39'-25" W, 193.85 feet to a nail;

Thence S 82°-20'-35" W, 171.93 feet to a nail on the Easterly sideline of said North Front Street;

The last nine courses being by land now or formerly of the Opportunity Center Realty Group Corp.;

Thence

N 07°-29'-32" W. 168.67 feet by the Easterly sideline of said North

Front Street to a nail;

Thence

N 82°-30'-28" E, 198.15 feet to a point;

Thence

N 44°-13'-58" E, 37.66 feet to a nail;

Thence

N 83°-01'-28" E, 66.83 feet to a point;

Thence

N 32°-30'-28" E, 80.36 feet to a nail;

Thence

N 83°-43'-58" E, 181.47 feet partly through a brick building to a stake;

Thence

\$ 06°-16'-02" E, 263.41 feet to a drill hole;

Thence

N 83°-43'-58" E, 472 feet moré or less to a point on a bulkhead at

the Acushnet River;

The last seven courses being by land now or formerly of B.S. Realty Limited Partnership;

Thence in a Southerly direction 516 feet more or less along said bulkhead and said Acushnet River to a point;

Thence in a generally Westerly direction following the Acushnet River to a point;

Thence

S 81°-56'-09" W, 625 feet more or less to the point of beginning.

Containing 13.8 acres more or less and being shown on a plan entitled "Existing Condition Survey in New Bedford, Mass. surveyed for Revere Copper Products, Inc." scale 1"-30' and dated April 21, 1988 with the latest revision dated December 16, 1988 by Tibbens Engineering Corp. most recently revised September 12, 1997.

#### PARCEL THREE IS ALSO DESCRIBED AS FOLLOWS:

A certain parcel of land situated on the North side of Nash Road in the City of New Bedford, the County of Bristol, and the Commonwealth of Massachusetts, being more particularly bounded and described as follows:

Beginning at a point, said point being on the Northerly sideline of said Nash Road, N 82°-01'-58" E, 585.57 feet from a Massachusetts highway bound at the Northeast corner of said Nash Road and Mt. Pleasant Street;

Thence

N 09°-57'-48" W. 167.24 feet by a 33 foot wide way to a point;

Thence N 10°-06'-31" W. 833.46 feet by said 33 foot wide way to a point

on the Easterly sideline of Route 140, a limited access highway;

Thence along a curve as it deflects to the left, having a radius of 2,250.00

feet, an arc length of 69.17 feet by the Easterly sideline of said

Route 140 to a point;

Thence N 77°-23'-46" E, 355.86 feet by land now or formerly of

Northwest Associates to a point;

Thence N 30°-28'-03" W, 808.50 feet by land now or formerly of said

Northwest Associates to a point;

Thence N 85°-04'-56" E, 718.86 feet by land now or formerly of said

Northwest Associates and land now or formerly of Teddy M. Kalisz to a point on the Westerly sideline of a railroad right of way

now or formerly of the Consolidated Railway Corp.;

Thence S 08°-00'-10" E, 613.37 feet to a point;

Thence along a curve as it deflects to the left, having a radius of 5762.65

feet, and arc length of 1200.02 feet to a point on the Northerly

sideline of said Nash Road;

The last two courses being by the Westerly sideline of said railroad right of way;

Thence S 82°-01'-58" W, 868.33 feet by the Northerly sideline of said

Nash Road to the point of beginning.

Containing 29.54 acres and being shown on a plan entitled, "Plan of Land in New Bedford, Mass. surveyed for Revere Copper Products Inc." Scale 1"-80' and dated March 22, 1988 by Tibbens Engineering Corp. as most recently revised September 12, 1997.

Property Address: 24 N. Front St., New Bedford, MA 02740

26 N. Front St., New Bedford, MA 02740

N/S Nash Road, New Bedford, MA 02740

Location: 24 N FRONT Parcel ID: 79

Zoning: IB

Card #: Account Number:

27528

ST

4

**Current Sales Information:** 

Year: 2022

Sale Date:

**Current Owner Information:** 

07/02/2019

SHORELINE RESOURCES LLC

Sale Price:

\$50,000.00

This Parcel has 3 cards:

**Legal Reference:** 

-1-2-3-

NEW BEDFORD, MA 02740

137 POPES ISLAND

12846-1

**Grantor:** 

SHORELINE RESOURCES LLC,

This Parcel contains 5.38684 acres of land mainly classified for assessment purposes as MFG with a(n) OLD MILL style building, built about 1895, having Brick exterior, Tar&Gravel roof cover and 101908 Square Feet, with 1 unit(s), total room(s), total bedroom(s) total bath(s), 0 3/4 baths, and 0 total half bath(s).

**Building Value:** 

**Land Value:** 

Yard Items Value:

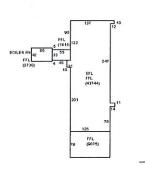
**Total Value:** 

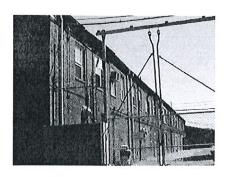
184600

494200

0

678800







Fiscal Year 2022		Fiscal Year 2021		Fiscal Year 2020	
Tax Rate Res.:	15.54	Tax Rate Res.:	15.59	Tax Rate Res.:	16.16
Tax Rate Com.:	33.51	Tax Rate Com.:	32.76	Tax Rate Com.:	33.59
Property Code:	400	Property Code:	400	Property Code:	400
Total Bldg Value:	314100	Total Bldg Value:	310700	Total Bldg Value:	295100
Total Yard Value:	0	Total Yard Value:	0	Total Yard Value:	0
Total Land Value:	494200	Total Land Value:	446600	Total Land Value:	446600
Total Value:	808300	Total Value:	757300	Total Value:	741700

Location: 26 N FRONT Parcel ID: 79
Zoning: IB Year: 2022

1

Card #: Account Number:

27531

**Current Sales Information:** 

Sale Date:

**Current Owner Information:** 

SHORELINE RESOURCES LLC

NEW BEDFORD, MA 02740

07/02/2019

Sale Price:

\$50,000.00

This Parcel has 2 cards:

-1-2-

137 POPES ISLAND

Legal Reference:

12846-1

**Grantor:** 

REVERE COPPER PRODUCTS,

This Parcel contains 7.63634 acres of land mainly classified for assessment purposes as MFG with a(n) OLD MILL style building, built about 1912, having Brick exterior, Tar&Gravel roof cover and 24252 Square Feet, with 1 unit(s), total room(s), total bedroom(s) total bath(s), 0 3/4 baths, and 0 total half bath(s).

**Building Value:** 

**Land Value:** 

Yard Items Value:

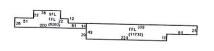
**Total Value:** 

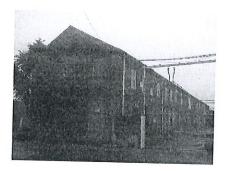
69000

644300

80300

793600







			W-7 ( 1 ( 8 1 ) ) - 7 ( ) ( 8		
Fiscal Year 2022		Fiscal Year 2021		Fiscal Year 2020	
Tax Rate Res.:	15.54	Tax Rate Res.:	15.59	Tax Rate Res.:	16.16
Tax Rate Com.:	33.51	Tax Rate Com.:	32.76	Tax Rate Com.:	33.59
Property Code:	400	Property Code:	400	Property Code:	400
Total Bldg Value:	487700	Total Bldg Value:	482800	Total Bldg Value:	479700
Total Yard Value:	80300	Total Yard Value:	80300	Total Yard Value:	80300
Total Land Value:	644300	Total Land Value:	582200	Total Land Value:	582200
Total Value:	1212300	Total Value:	1145300	Total Value:	1142200

Municipal Filing Fee



# City of New Bedford Conservation Commission • Department of Environmental Stewardship

133 William Street · Room 304 · New Bedford, Massachusetts 02740

Telephone: (508) 991.6188

**Conservation • Environmental Stewardship • Resilience** 

#### **CITY OF NEW BEDFORD, MASSACHUSETTS**

# CONSERVATION COMMISSION 2020 FILING FEE CALCULATION WORKSHEET\*

PROJECT LOCATION: 26 N Front St.	
MAP(S) 79 LOT(S) 2	
APPLICANT: Shoreline Marine Terminal, LLC	
CONSERVATION COMMISSION APPLICATION TYPE:	
( ) REQUEST FOR DETERMINATION OF APPLICABILITY	
( X ) NOTICE OF INTENT ( ) AMENDED ORDER OF CONDITIONS	
( ) EXTENSION PERMIT	
( ) CERTIFICATE OF COMPLIANCE	
(A) ALTERATION FEES:	
Application and field review of a project proposed in a Wetland Resource Area	or its Buffer Zone is
\$200.00 plus the applicable alteration fee as follows:	
	AMOUNT DUE:
<ul> <li>Application and Field Review Fee (\$200.00)</li> </ul>	<u>\$200.00</u>
\$0.50 X SF Wetland Resource Area	\$
Fee shall not exceed \$2000.00 per project	+ 000 FF
• \$0.05 X 13,733 SF of Isolated Land Subject to Flooding,	\$ <u>686.55</u>
Bordering Land Subject to Flooding or Land Subject to Coastal	
Storm Flowage Fee shall not exceed \$500.00	
• \$0.50 X 345 SF of altered 25' Riverfront Area	s 172.50
Fee shall not exceed \$1,500.00	Ş <u>172.00</u>
• \$1.00 X SF of undeveloped 25' Riverfront Area	\$
Fee shall not exceed \$2000.00	т
·	



• \$0.10 X <u>37,147</u> s		\$ <u>3,714.70</u>
Fee shall not exceed \$6,500.00		
<ul><li>\$10.00 X L</li><li>\$10.00 X a</li></ul>	F of dock	\$
• \$10.00 X a	acres of aquaculture	\$
(B) EXTENSION OF AN ORDER OF COM	NDITIONS:	
, ,	or project (house addition, in ground pool	
dock etc.) = $$200.00$		\$ \$
<ul> <li>Subdivision, commercial or ind</li> </ul>	lustrial project = \$400.00	\$
(C) AMENDING A PERMIT		
, ,	r project (house addition, in ground pool eration fee – refer to (A) above	\$
	lustrial project = \$500.00 + new alteration	\$
(D) WETLAND DELINEATION VE	ERIFICATION (with or without proposed	alteration <u>)</u>
• ½ acre or less		
• ½ acre to 2 acres = \$500.00 (\$3	100/acre thereafter) not to exceed \$3,500	\$
(E) CERTIFICATES OF COMPLIA	ANCE	
<ul><li>One new house = \$250.00</li></ul>		\$
<ul> <li>One activity at an existing hou</li> </ul>		\$
<ul> <li>Residential or Commercial doc</li> </ul>	•	\$
<ul> <li>Commercial &amp; Industrial Facilit</li> </ul>	• •	\$
<ul> <li>New Roadways &amp; Associated S</li> </ul>	stormwater Mgt. Systems = \$1,500.00	\$
*	have the same fee as a Certificate of Comp do not pay double to obtain a full Certific	
(F) AFTER THE FACT FILING FE	E	
<ul> <li>Notice of Intent or Amended C</li> </ul>	Order of Conditions = \$500.00	\$
<ul> <li>Request for a Determination o</li> </ul>	f Applicability = \$250.00	\$
TOTAL AMOUNT DUE:		\$_4,773.75

#### **Notes:**

\*Please refer to the Conservation Commission fee schedule – dated 02/2020

Please make check or Money Order payable to the <u>City of New Bedford</u> Cash is not accepted.



## **SECTION 2**

**Certified List of Abutters** 





# 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	PROPER	TY		
MAP#	79		LOT(S)#	2
ADDRESS:	26 N Fr	ont Street		
OWNER II	VFORM/	ATION		
		Marine Terminal, LLC		
MAILING	ADDRES	S: 137 Pope's Island New Bedford, MA 02740	)	
		ACT PERSON INFORMA		
NAME (IF	DIFFERE	NT): Samantha DeVind	entis, Par	re Corporation
MAILING	ADDRES:	S (IF DIFFERENT): Pare Co	proporation	
				/ Place, Lincoln, RI 02865
TELEPHON	NE#	508-5431755		
EMAIL AD	DRESS:	sdevincentis@pareco	orp.com	
REASON F	OR THIS	REQUEST: Check appr	opriate	·
		ARD OF APPEALS APPLIC	ATION	
PLAN	INING B	OARD APPLICATION		V)
		ON COMMISSION APPL	ICATION	
H==-		OARD APPLICATION		
отн	ER ( <i>Plea:</i>	se explain):		

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

Submit this form to the Department of City Planning, Room 303 in City Hall, 133 William Street, or Email to Angela.Goncalves@newbedford-ma.gov. The applicant is responsible for picking up and paying for the certified abutters list from the Assessor's Office (city hall, room #109).

Official Use Only:	
addresses as identified or - Michael J. Motta	o the City of New Bedford's Board of Assessors, I do hereby certify that the names and the attached "abutters list" are duly recorded and appear on the most recent tax.  Judith Merdahl  Signature  Date
ASST.	CITY ASSESSOR.
Amount Due	\$5.00
Date Paid	7/27/2022
Confirmation Number	1144415

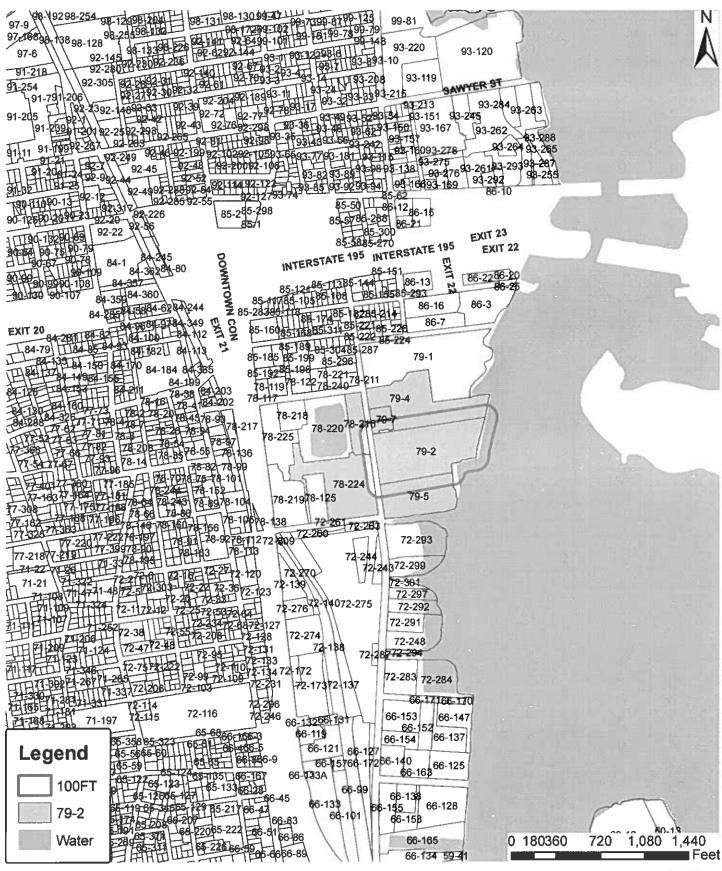
	s	CITY OF NEW BEDF chedule of Departmental Paymer Single Charge Cod	nts to Treasurer	
Department/Contact:	ASSESSOF	RS Single Charge Cou	Date:	7/27/2022
GL String: Treasury:	01411160-4 TW06-1010	39020	Charge Code	ASSFEE
				12
From Whom		Source (cash, check, etc)	Amount	Total
DEPARTMENTAL F	RECEIPT	CC	\$ 5.00	
ABUTTERS L	IST		_	
79-2				
26 N Front Str	reet			
Samantha DeVin	centis			
				\$ 5.00
Receipt# 1144415		Signature		Dollars
		Title	PRINCIPA	L CLERK
Department/Contact: GL String: Treasury:		139020	nts to Treasurer	7/27/2022 ASSFEE
From Whom		Source (cash, check, etc)	Amount	Total
DEPARTMENTAL I	PECEIDT	CC	\$ 5.00	Total
ABUTTERS L		CHECK	₩ 0.00	
79-2	101	GILOR	1	
26 N Front Str	reet		-	A STATE OF THE STA
Samantha DeVin			53,	
		<u> </u>		\$ 5.00
To the Departmental (		Received in Treasurer's Office		the sum of Dollars
for co	ollections, as p	per schedule of this date, filed in my of		
Receipt# 1144415		В	City Treasurer	

July 27, 2022 Dear Applicant,

Please find below the List of Abutters within 100 feet of the property known as 26 North Front Street (Map: 79, Lot: 2). 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	Owner and Mailing Address
79-5	10 N FRONT ST	NEW BEDFORD HOLDINGS LLC,
		10 N FRONT STREET
-		NEW BEDFORD, MA 02740
78-224	1 WAMSUTTA	WAMSUTTA WAREHOUSE CO INC,
	ST	92 KILBURN STREET
		NEW BEDFORD, MA 02740
78-216	WS N FRONT ST	WAMSUTTA WAREHOUSE CO INC,
		92 KILBURN STREET
		NEW BEDFORD, MA 02740
79-7	66 68 N FRONT	WILLIAM STREET CORPORATION,
	ST	92 KILBURN STREET
		NEW BEDFORD, MA 02740
79-2	26 N FRONT ST	SHORELINE RESOURCES LLC,
		137 POPES ISLAND
		NEW BEDFORD, MA 02740
79-4	24 N FRONT ST	SHORELINE RESOURCES LLC,
		137 POPES ISLAND
		NEW BEDFORD, MA 02740
· . <u>.</u>		
_		



City of New Bedford, Massachusetts Department of City Planning



# **SECTION 3**

Narrative Project Description



#### I. INTRODUCTION

This Notice of Intent (NOI), submitted under the provisions of the Regulations of the Massachusetts Wetlands Protection Act (the Regulations) and the New Bedford Wetlands Protection Ordinance (the "Ordinance"), is being resubmitted for the demolition of seven (7) dilapidated buildings as part of the ongoing redevelopment of the former Revere Copper Products site at 26 North Front Street in New Bedford, Massachusetts. The original submission to the Conservation Commission on March 24, 2022 indicated that only two (2) buildings were to be demolished (Building #2 and Building #12), however the project limit has been extended west and now includes Buildings #1, #2, #3, #3A, #4, #12, and #19. The project also includes disconnection and abandonment of associated building utility services, and installation of asphalt pavement, dense grade aggregate, utilities and stormwater best management practices in the affected areas. The project proponent is Shoreline Marine Terminal, LLC (Shoreline).

The building demolition is required to make room for the installation of a new marine travel lift pier, new steel bulkhead wall (being coordinated and permitted by Foth Engineering) along the Acushnet River, as well as a new Shipyard to be used for shuttling commercial fishing vessels for repairs and storing ship building materials. The alternative to demolishing the subject buildings is to leave them in place. Leaving the buildings as is would allow the buildings to continue to deteriorate, ultimately leading to safety issues with on-property operations and City safety personnel who may need to respond to emergency situations. Furthermore, the buildings will significantly limit Shoreline's operation due to reduced space for storage of materials and vessels. The tight spacing along the waterfront will constrict the operation and construction of the travel lift pier, which is integral to the operation of the Shipyard. Repair of the buildings to retain their historic characteristics is very costly and would prohibit the Site's use as a Shipyard.

Several of the buildings are positioned 3 to 4 ft above existing grade. Therefore, a large cut volume will need to be completed to prepare the ground surface. The expected quantity of soil generated is 14,862 cy. We expect to re-use this soil to fill interior pits or other depressions and as backfill behind the new bulkhead wall, depending upon environmental and geotechnical suitability.

The Shipyard will provide maintenance and repair services to commercial vessels in New Bedford Harbor. The Shipyard will fill an important gap in services within the New Bedford Harbor and ensure commercial vessels stay within the City for repairs and fabrication. The Shipyard will also support job creation and economic development directly for the City. Shoreline has already invested \$3 million in the development of the former Revere Copper Products site, which has laid vacant since 2007 and is rapidly falling into a state of disrepair. Shoreline is planning to invest an additional \$15+ million in continued redevelopment and capital expenditures needed to operate the Shipyard.

Wetland resource Areas to be impacted by the building demolition are consistent with those calculated in the previous submission and include the 25-foot Riverfront Area and Land Subject to Coastal Storm Flowage associated with the Acushnet River. In addition, impacts are proposed within developed areas of the 100-foot Buffer Zone associated with the Coastal Bank. The coastal resource area impacts resulting from the work are necessary to meet the above project needs and we have designed the building



demolition to either avoid or minimize disturbances to those resource areas to the maximum extent practicable.

The following sections provide descriptions of the project site, project background, descriptions of the various elements of the proposed project, and project compliance with applicable performance standards of the Regulations and the Ordinance.



#### II. SITE DESCRIPTION

#### a. Existing Conditions

The entire 7.8 acre parcel (Map 79, Lot 2) consists of a waterfront industrial property. The project area is located within the Buildings #1, #2, #3, #3A, #4, #12 and #19 footprints (combined 206,809 sf) and a portion of the developed area north and east of the subject buildings. The area to be developed with the proposed bulkhead wall and travel lift pier are already considered under a separate NOI filing by Foth Engineering. The project area is bounded to the north by the 24 North Front St parcel, west by North Front Street, industrial area to the south and the Acushnet River to the east. **Figure 1** shows a Site Locus Map.

#### b. Coastal Resources and Floodplain

The Acushnet River is tidal, with a Mean High Water (MHW) of 1.79 and a Mean Low Water (MLW) of -1.78 (elevations are in NAVD 1988). According to 310 CMR 10.25 of the Regulations, land below the MLW elevation is classified as Land Under the Ocean (LUO).

Pare completed a delineation of the Coastal Bank bordering the south side of the site on August 27, 2020. The remainder of the Coastal Bank bordering the site corresponds to the face of the existing bulkhead and was not delineated. The Coastal Bank consists entirely of manmade shoreline features, including a timber bulkhead with riprap scour protection in the location of the proposed marine travel lift pier. The timber bulkhead extends to the northeast along the Acushnet River. A portion of the building demolition footprints are located within the 100-foot Buffer Zone from the Coastal Bank. Most of the Coastal Bank is unvegetated, although sparse shrubs and emergent vegetation are present in some locations. No vegetated wetlands are in the vicinity of the demolition area.

According to the FEMA Flood Insurance Rate Map (FIRM) for New Bedford, Massachusetts (Community Panel No. 25005C0393G effective 7/16/2014), most of the site is located within the 100-year Floodplain in the FEMA Zone AE, which has a designated elevation of 6 feet (NAVD 1988). The Floodplain is classified as Land Subject to Coastal Storm Flowage (LSCSF) under the Regulations. The FIRM is attached as **Figure 3** of this NOI.

#### c. Other Environmental Considerations

According to MassGIS data layers PRIHAB\_POLY and ESTHAB\_POLY (2017), the site does not contain any Priority or Estimated Habitat of Rare Species mapped by the Natural Heritage and Endangered Species Program (NHESP). However, it should be noted that an area of Priority and Estimated Habitat are located within the Acushnet River channel a short distance downgradient (east) of the proposed project. The location of the mapped habitat is shown on **Figure 2**.



According to the most recent MassGIS data, the site is not located within Outstanding Resource Waters (ORW) or Areas of Critical Environmental Concern (ACEC). The site is located just outside of the New Bedford Designated Port Area.

According to the Massachusetts Cultural Resource Information System (MACRIS), the Revere Copper and Brass Company Building is designated as an Inventoried Property (NBE.609). Shoreline has issued a building demolition permit to the New Bedford Department of Inspectional Services (DIS) – application # B-22-809. Since the subject buildings are older than 75 years, the Historic Commission has reviewed the demolition request pursuant to the City Demolition Delay Ordinance. Although the Historic Commission has determined the subject buildings are not considered historically significant, the Commission and DIS are requiring all development permits be procured prior to issuing the final demolition permit. We have submitted the combined Special Permit and Site Plan for the development of 26 North Front Street to the Planning Board on July 19, 2022.

#### III. PROPOSED PROJECT

The project will include demolition of seven (7) dilapidated buildings – Buildings #1, #2, #3, #3A, #4, #12 and #19, disconnection and abandonment of associated building utility services, and installation of asphalt pavement, dense grade aggregate, utilities and stormwater best management practices in the affected areas.

Each component of the proposed project is described below.

#### a. Building Abatement

The Applicant has surveyed the subject buildings for asbestos. Results of the survey are included in the attached report (Attachment 1). The survey identified asbestos in some building materials in each of the subject buildings. Prior to demolition, the Applicant will hire a licensed hazardous material removal contractor to abate the identified hazardous materials. A licensed hazardous material inspector will confirm all asbestos have been removed from the buildings. The Abatement Contractor will containerize hazardous materials in MassDOT rated containers/drums and ship to a licensed disposal facility.

#### b. Utility Disconnect and Abandonment

Disconnection and abandonment of the existing sanitary, electrical, water and stormwater utilities will be coordinated with the respective City departments and public utility providers (i.e., Eversource Gas, Eversource Electric, Verizon, Comcast). Utility disconnect letters will be received from the City department and public utilities before demolition will be allowed to proceed.

#### c. Building Demolition

A licensed demolition contractor will be used to demolish both buildings. Erosion controls and other construction stormwater best management practices will be installed according to the attached Site Plans



and the Stormwater Pollution Prevention Plan (SWPPP). We have applied for coverage under the United States Environmental Protection Agency (USEPA) National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP) because the project area is greater than 1 acre. The NPDES permit # is MAR1003T5. No on-Site discharges will be permitted that do not adhere to the requirements of the SWPPP/CGP.

The building's superstructure will be demolished first. Metal, wood and other demolition material will be separated, to the extent practical, and recycled off-property. The buildings wooden flooring and concrete slab will be removed. The wooden flooring is likely to require off-site management, while the concrete may be crushed and reused on-site under the Massachusetts Department of Environmental Protection (MassDEP) Asphalt, Brick and Concrete (ABC) Policy. We will confirm the concrete is not contaminated before crushing and reusing on-site. Soils below the building slab will be removed and regraded to properly convey stormwater to designated stormwater structures and to install final ground cover. Due to the historic copper processing operations, the property soil is impacted with heavy metals and petroleum compounds. Therefore, we will prepare and issue to MassDEP a Release Abatement Measure (RAM) Plan addressing the management of contaminated soil and groundwater (if needed) during and after the demolition of the subject buildings.

#### d. New Bedford Shipyard

Shoreline proposes to develop the 7.8-acre parcel (26 North Front Street) as a Shipyard. The Shipyard will be used to store commercial vessels that are fabricated on-site or in need of repair and for storage of materials used for shipbuilding and repair. The ship transport and vessel storage area will be located on the eastern side of the site, nearest to the marine travel lift and Acushnet River. Materials for the ship building and repair operations will be offloaded from the rail spur and placed in the material storage area, located on the western side of the site. Boat repairs will take place in the 12,000 sf sand blasting area located along the western side of the Shipyard. The sand blasting area will be surrounded by an asphalt berm to capture wash water and stormwater. The Shipyard operations will consist of:

- ➤ 10-20 customers per day
- > 30-50 full time employees
- > Operation from 7:30am to 4:00 pm, Monday through Friday
- ➤ Deliveries made on a weekly basis from 8am to 2pm

The Shipyard will be able to service approximately 8-10 commercial vessels at the same time on a year-round basis, once fully operational.

Ground improvements via vibratory compaction and placement of granular material will occur throughout the LOD, to accommodate the transfer of vessels via the travel lift. Dense grade will be placed throughout the Shipyard and graded to shed water to new stormwater controls, providing pre-treatment of stormwater before it is discharged to the Acushnet River.

Water, sewer, and refuse disposal is established already for Building #10. Fire protection is provided for the Shipyard via two (2) existing fire hydrants connected to the 8-inch water main in North Front Street.



Site development plans are provided in Section 5.

#### e. Other Activities

Although outside of the limits of disturbance for this project and being permitted under a separate NOI and under a State Enhanced Remedy (SER), the redevelopment of the site will involve installing a new steel bulkhead and marine travel lift.

Wooden Bulkhead Wall Replacement – Later this summer, Shoreline plans to replace the decaying wooden bulkhead wall with a new steel bulkhead. The proposed bulkhead and associated anchor systems along with the pile supported crane/landing pad improvements and fender piles have been approved under a separate SER permitting process, as authorized by the Massachusetts Department of Environmental Protection (MassDEP) and the United States Environmental Protection Agency (USEPA). Additional improvements to the Site permitted under the SER process include the New Bedford Port Authority's Phase V dredging project which proposed to dredge the site to a depth -15.00 MLLW, north of the proposed travel lift pier and along the face of the existing bulkhead. This dredging is designed to improve navigation to the Site and allow additional berthing of fishing vessels and use of the travel lift. See Attachment 2 – USEPA and MassDEP Letters of Consistency Determination, authorizing the proposed bulkhead improvements review through the SER process.

Marine Travel Lift Pier – The proposed pier, which is expected to be the last structure built for the redevelopment project, will utilize the southern portion of the Site to allow the travel lift to carry vessels out over the water for launching/hauling into the harbor. The proposed 600-ton travel lift pier construction will include the installation of thirty-six (36) 30" steel pipe piles and a 180-ft long x 11-ft wide reinforced concrete deck. The pier will extend into the New Bedford Harbor perpendicular to the shoreline and parallel to the existing steel/timber bulkhead.



## IV. Wetlands Impacts and Regulatory Compliance

#### a. Land Subject to Coastal Storm Flowage

The portion of the site located between the Coastal Bank and the FEMA Flood elevation 6 (NAVD 88) is designated as Land Subject to Coastal Storm Flowage (LSCSF) associated with the Acushnet River. Approximately 13,733 sf of the project site is located within LSCSF, all of which consists of developed land which will be repaided with dense grade. The proposed project does not include any fills that will result in a decrease to the flood storage capacity of the site.

There are no regulatory performance standards associated with LSCFS.

#### b. 25-foot Riverfront Area

The project includes work within the 25-foot Riverfront Area associated with the Acushnet River. A total of 345 sf of the limits of work are located within the river front area. Approximately 102 sf of this area consists of permanent impacts associated with the demolition of Building #12 and approximately 243 sf is for redevelopment of an existing paved area at the southeast side of Building #2. In both locations, placement of dense grade material is proposed to support the future travel lift pathway and stormwater management improvements. The impacts in this location are confined to existing developed Riverfront Area and no disturbance to vegetated areas are proposed.

310 CMR 10.58(6) specified certain activities or areas are grandfathered or exempted from Requirements for the Riverfront Area (Provisions of 310 CMR 10.58(1) through (5)). Among these exempted activities are:

"(a) Any excavation, structure, road, clearing, driveway, landscaping, utility line... within the riverfront area in existence on August 7, 1996. Maintenance of such structures or areas is allowed (including any activity which maintains a structure...(limited to repairs, resurfacing, repaving, but no enlargement), clearing, landscaping, etc in its existing condition)".

The property was previously developed circa 1862. Therefore, the riverfront area contains areas degraded prior to August 7, 1996, by the existing structures, pavement and concrete. Building demolition activities are to occur solely within the existing buildings' footprint. The project also includes disconnection and abandonment of the existing sanitary, electrical, water and stormwater utilities associated with the subject buildings. Shoreline proposes to resurface the building demolition area and the formerly asphalt paved area with dense grade aggregate. The impacts to Riverfront Area resulting from this work are located entirely within previously developed areas.

"(j) Activities within an Historic Mill Complex"

The property historically operated as the Revere Copper Products Plant, a copper rolling mill, beginning circa 1862. The former facility produced copper and brass products until the plant's closure in November 2007. According to the Massachusetts Cultural Resource Information System (MACRIS), the Revere



Copper and Brass Company Building is designated as an Inventoried Property (NBE.609). The site has laid vacant for decades, leaving most of the site buildings in a dilapidated state.

#### c. 100-foot Buffer Zone

Portions of the project area upslope of the Acushnet River are located within the 100-foot Buffer Zone associated with the Coastal Bank. A total of 37,147 sf of the limits of work are located within the buffer zone. Most of these impacts are associated with the proposed demolition of the subject buildings, and the remainder will consist of placement of dense grade material and stormwater management improvements. All the proposed work area within buffer zone consists of existing developed or disturbed areas with no established communities of vegetation present. There are no regulatory performance standards associated with Buffer Zones.

#### V. Mitigation Measures

As detailed in Section IV, the proposed project has been designed to avoid and minimize impacts to coastal resources to the extent practicable. The entire site is developed with either asphalt pavement, concrete or buildings, no alterations to wildlife habitat or other sensitive areas are anticipated; however, measures are provided to mitigate for impacts to coastal resources areas, floodplain, and buffer zones as detailed below.

#### a. Erosion and Sedimentation Controls

Best Management Practices for erosion and sedimentation control will be adhered to for all phases of construction to minimize erosion, sedimentation, and impacts on resource areas. We have prepared a SWPPP to comply with the requirements of the NPDES CGP and the Massachusetts Stormwater Guidance Handbook. Erosion controls will remain in place and in proper working order until the site is completely stabilized. A stockpile of erosion control materials will be kept on-site for emergency and routine replacement. Proposed erosion control locations and details are depicted on the Plans, Sheet C4.0 (Section 5).

Erosion controls will consist of haybales backed with silt fencing to be placed along the eastern side of the demolition area. The haybales and silt fencing will be installed to prevent stormwater or other debris from entering the Acushnet River. Additionally, haybales and silt fencing are already placed along the southern and southeastern portions of the property, as required and approved under a separate NOI (file #SE049-0867) and will be maintained for the duration of the demolition project.

#### b. Stormwater Management Improvements

A Stormwater Checklist and Report have been included in **Section 4** of this NOI. The project is considered a "Redevelopment" project and meets the applicable standards, to the extent practical, as documented therein.



The redevelopment of the 26 North Front Street property is occurring in multiple phases. The former Revere Copper Products mill buildings 1, 2, 3, 3A, 4, 12 and 19 are expected to be demolished starting in September 2022. Existing utilities servicing the buildings have been (or will be) cut and capped at the mains. On-site utilities that conflict with new drainage will be removed and either disposed or recycled off-site. Relocation of the City-owned stormwater overflow is under review by the City Engineer and, pending approval of the design, we expect to commence the installation of the new stormwater overflow later this fall.

The Shipyard area will need to be densified using vibratory compaction to support the heavy loads associated with the marine travel lift and movement of commercial fishing vessels throughout the Shipyard. The new steel bulkhead wall will be installed later this summer and the travel lift pier is anticipated to be installed circa 2023, the last structure built for the Shipyard. The development of the main portion of the Shipyard is expected to take approximately eight (8) months following building demolition, with a projected substantial completion date of June 2023.

The attached stormwater management report details compliance with the Massachusetts stormwater standards and the New Bedford Stormwater Rules and Regulations for the site following demolition of the buildings.

### VI. Alternatives Analysis

The proposed site use will be a Shipyard, which will benefit the surrounding waterfront businesses and community and nearby commercial fishing ventures while meeting the revitalization goals for the City of New Bedford's waterfront area. The former Revere Copper Products facility has laid vacant and in a dilapidated state for decades and Shoreline (current owner) is very motivated to restore the site with a new water-related industry that will serve the robust commercial fishing industry prevalent in the area.

Alternatives related to the building demolition include the following:

#### Alternative 1: No Build

The alternative to demolishing the blighted buildings is to allow them to remain. This alternative impedes the redevelopment opportunity for ship building and repair activities by not allowing enough space for the material laydown area or commercial vessel conveyance via the proposed marine travel lift. Further, the buildings are beyond repair and if left without a completed structural overhaul may prove unsafe into the future. Therefore, the alternative of leaving the buildings in place is not a viable option.

#### Alternative 2: Limited Demolition of Buildings

Limited demolition of the building where the superstructure remains was considered, however, its existence would limit the movement of the proposed marine travel lift system and overall functionality of the future ship building and repair operations. Further, deterioration of the existing structure may be beyond restoration and repair measures and if left in its current state is

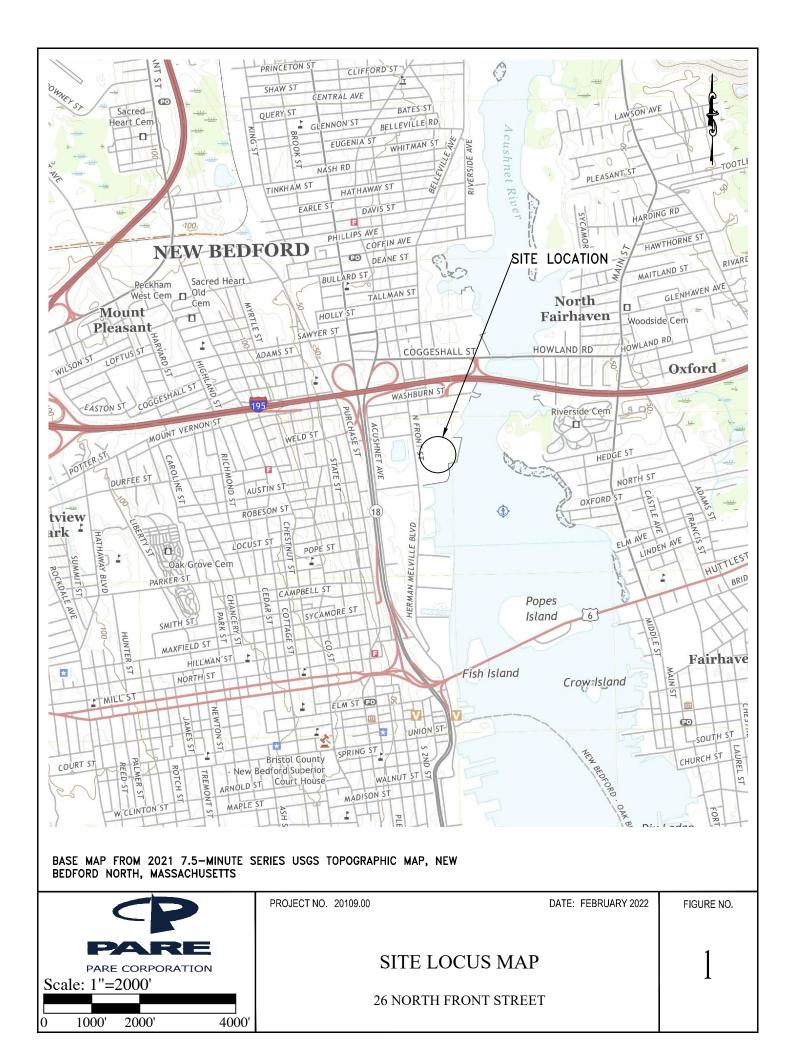


unsafe. Protecting the superstructure during demolition activities and further assessment following demolition for repair will be at an exorbitant cost compared to complete demolition. Therefore, this potential project modification was rejected.



Figures 1-3





# FIGURE 2 - ANNOTATED AERIAL PHOTOGRAPH



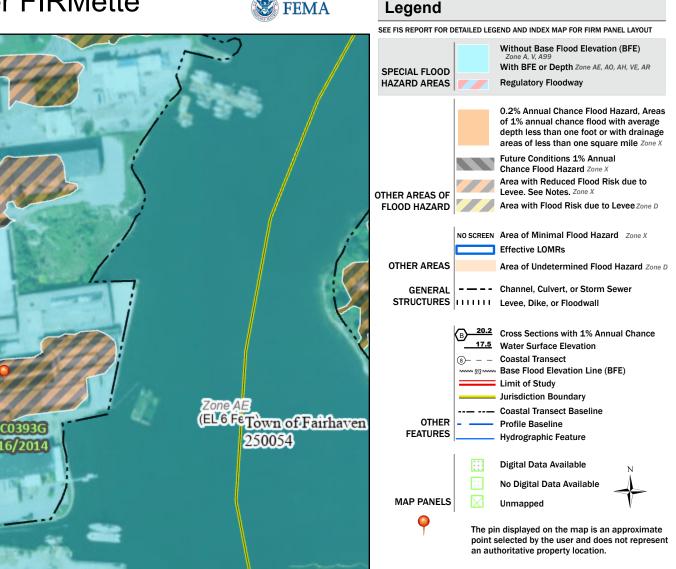
NHESP Priority Habitats of Rare Species



NHESP Estimated Habitats of Rare Wildlife

# National Flood Hazard Layer FIRMette

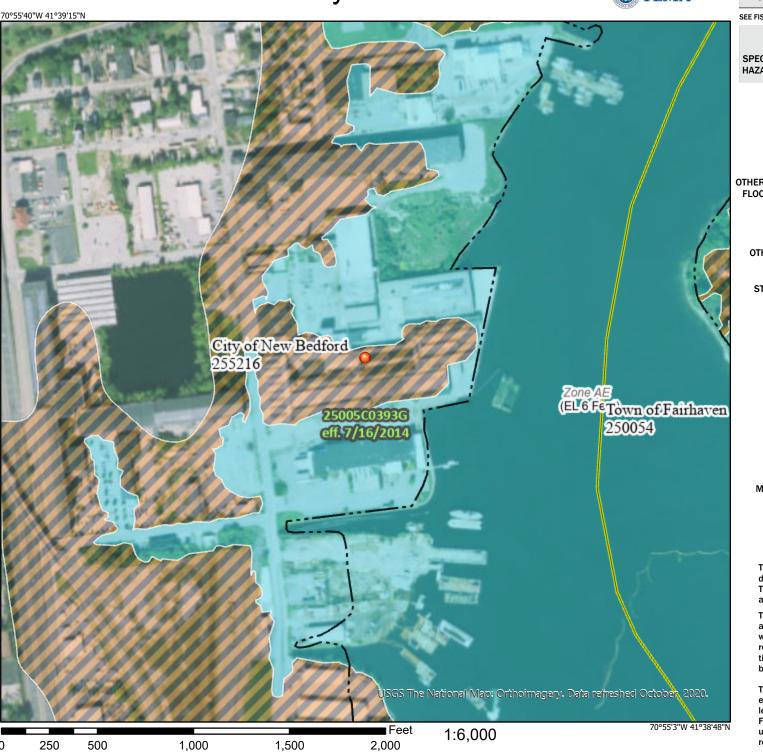




This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/2/2020 at 3:44 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



# **SECTION 4**

Stormwater Management Report (Bound Separately)



# **SECTION 5**

Project Plans entitled "Former Revere Copper Site, Phase I Redevelopment – Conservation Commission Submission", dated August 4, 2022 (Bound Separately)



Attachment 1 – Asbestos Survey Report, Commercial Building, 24 North Front Street, New Bedford, MA, prepared by AltTech Services, dated July 8, 2022



### ASBESTOS SURVEY REPORT COMMERCIAL BUILDINGS 24 NORTH FRONT STREET NEW BEDFORD, MASSACHUSETTS

### Prepared for

Shoreline Resources Attention: Mr. Charlie Quinn 137 Popes Island New Bedford, MA 00740

Prepared by

AltTech Services 44 Pole Bridge Road North Scituate, RI 02857

AltTech Reference: Project No. 20220620

July 8, 2022

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**Section 2.0 Suspect Bulk Sampling Information** 

Section 3.0 Background Air Sampling

**Section 4.0 Summary/Conclusions** 

Section 5.0 Signature(s) of Environmental Professional(s)

## Appendices:

Appendix A Asbestos Bulk Sampling Results

Appendix B Photosheets

Appendix C Roofing System Figure

#### 1.0 Introduction

This asbestos survey report is being submitted on behalf of:

Shoreline Resources Attention: Mr. Charlie Quinn 137 Popes Island, New Bedford, MA 00740

In order to determine the locations of potential asbestos containing building materials (ACMs) that are associated with the commercial buildings located at 24 North Front Street in New Bedford, MA, and are identified as Building 1, Building 2, Building 3 (Haz-Mat Room), Building 4 (Waste Treatment Plant) Building 12, Building 19.

Qualified personnel conducted the asbestos survey following procedures generally accepted and recommended by the United States Environmental Protection Agency (US EPA), the United States Occupational Safety Health Administration (OSHA) and the Massachusetts Department of Labor and Workforce Development (MADLWD). AltTech Services (AltTech) personnel collected and had laboratory analysis performed on an adequate number of suspect bulk material samples to ensure accurate results.

It should be noted that as per conversations with on-site personnel, Scott Taber, it was determined that all transite panels/shingles and mag-type thermal system insulation (TSI) would be Presumed Asbestos Containing Materials (PACMs) and were not sampled as part of the survey. The observed locations and estimated quantities are included in the Table in Section 2.0 of this report.

Please note that subsurface investigations (i.e. foundations), internal electrical/mechanical mechanisms, machines, confined spaces or other non-building components were not inspected or sampled. As such, for the purposes of this survey, suspect materials associated with the subsurface (i.e. foundations), internal electrical/mechanical mechanisms, machines, confined spaces or other non-building components that were not inspected or sampled should be assumed positive for asbestos until sampled and proven otherwise with laboratory analysis.

### 2.0 Bulk Sampling Information

The suspect ACMs were characterized by the analysis of bulk samples collected by Brian A. Piccolo (MA Asbestos Inspector AM 61526) during a survey/sampling at the subject property on Monday, June 20, 2022, Wednesday, June 22, 2022, and Wednesday, June 29, 2022.

Survey procedures included a visual assessment of suspect ACMs identified by licensed and trained personnel. Visual assessment included the touching of identified suspect ACMs to determine its friability, (when dry, may be crushed, pulverized, or reduced to powder by hand pressure), identification of homogeneous areas of identified suspect ACMs and collection of bulk samples for analysis. The USEPA's Managing Asbestos in Place, A Building Owner's

Guide to Operations and Maintenance Programs for Asbestos-Containing Materials, was used as a guide for this survey.

Sampling methods were designed to minimize damage to the suspect ACMs and subsequent fiber release. Samples were extracted to the substrate and ejected into a pre-labeled asbestos sample bag.

Samples were submitted to and analyzed by Asbestos Identification Laboratory (AIL) of Woburn, Massachusetts. AIL is accredited through the National Voluntary Laboratory Accreditation Program (NVLAP No. 200919-0) and with the MADLWD (AA-000208). Samples were analyzed in accordance with USEPA recommended protocol ("Follow-up to the Interim Method for Determination of Asbestos in Bulk Insulation Samples" - EPA 600/R-93/116 method "Visual Estimate") using polarized light microscopy (PLM) supplemented by dispersion staining techniques.

Two hundred and twenty-four (224) asbestos bulk samples were collected amongst eighty (80) different homogeneous materials from the subject property buildings with instructions to the laboratory to stop at the first positive result obtained for each homogeneous sample set. Based on these instructions, one hundred and thirty-seven (181) samples were laboratory analyzed. **Appendix A** contains a copy of the bulk sampling results, as provided by AIL.

The suspect ACMs sampled during the survey of the subject property building included glue daubs, linoleum and associated mastic (glue), black mastic, plaster (base and skim coats), floor paper below hard wood flooring, black flooring, black counter top, window glazing, 9" x 9" floor tile and associated mastic, burlap-backed flooring, Red/Black Jacket TSI, 12" x 12" floor tile, black tar paper, panel glue, pyro black, building paper, cooling tower wall material, cove base mastic, door caulking, and roofing materials.

Upon sampling and analysis, materials that were found to contain at least 1% asbestos, and are thereby considered asbestos containing, are listed below.

### Samples collected on June 20 and 22, 2022

- **2A** Red linoleum (~12 square feet) located on the steps within the southwestern room of the 1<sup>st</sup> floor locker room of Building 1 (**See Photosheets**).
- **3A 3C** Black mastic ( $\sim$ 1,200 square feet) located throughout various areas of the 1<sup>st</sup> floor locker room and adjoining rooms within Building 1 (**See Photosheets**).
- **4A 4E** Plaster (~2,550 square feet) associated with northern wall of the 2<sup>nd</sup> floor portion of Building 2 and within the 1<sup>st</sup> floor southeastern bathroom of Building 2 (**See Photosheets**).
- **6A 6B** Tar paper (~1,600 square feet) located below the concrete flooring within the eastern area 2<sup>nd</sup> floor portion of Building 2 (**See Photosheets**).

- **11A 11B and 11AM 11BM** 9" x9" floor tile and associated mastic (~210 square feet) located on the floor to the west of loading dock in Building 2 and adjacent to the Building 2 southeastern elevator (**See Photosheets**).
- **12A 12B** 9" x9" floor tile (~240 square feet) located within the 1<sup>st</sup> floor southeastern office area of Building 2 (**See Photosheets**).
- **15A 15B** 9" x9" floor tile ( $\sim$ 135 square feet) located within the 1<sup>st</sup> floor southeastern office adjacent to the bathroom of Building 2 (**See Photosheets**).
- **20A 20B** Window glazing associated with the windows of the Cast Office in Building 12 (**See Photosheets**).
- **26A 26C** Window glazing associated with the metal framed windows of Building 19 (**See Photosheets**).
- **29A 29C** Cooling tower wall material (~3,900 square feet) located within Building 3 (**See Photosheets**).
- **35A 35B** Door caulking (~160 linear feet) associated with the exterior doors of Building 3 (See Photosheets).
- **46A 46E** Tar and Gravel roofing (~21,000 square feet) of Building 1 (**See Figure and Photosheets**). It should be noted that ~16,400 square feet of the tar and gravel roofing of Building 1 is covered with a non-asbestos roofing felts and foam insulation board.
- **47A 47B** Black sealant (~200 square feet) located along the eastern portion of Building 1 abutting Buildings 2 (**See Figure**).
- **58A 58C** Black sealant (~325 square feet) located along the southeastern lower roof of Building 2 (**See Figure and Photosheets**).

### Samples collected on June 29, 2022

- **1A 1E** Tar and Gravel roofing ( $\sim$ 27,950 square feet) of Building 12 (**See Figure and Photosheets**).
- **3A 3E** Black tar on cement deck ( $\sim$ 27,950 square feet) of Building 12 (**See Figure and Photosheets**).
- **4A 4C** Black sealant (~700 square feet) associated with the roofing system of Building 12 (**See Figure and Photosheets**).
- **5A 5E** Built-up roofing (~11,000 square feet) associated with the sawtooth roofing system of Building 12 (**See Figure and Photosheets**).
- **7A 7C** Black sealant (~400 square feet) associated with the sawtooth roofing system of Building 12 (**See Figure**
- **10A 10E** Black tar on cement deck (~25,550 square feet) of Building 19 (**See Figure**).
- **15A 15E** Tar and Gravel roofing ( $\sim$ 8,750 square feet) of Building 3 (**See Figure and Photosheets**).

Upon sampling and analysis, materials that were found to contain at less than 1% asbestos and are thereby considered an asbestos containing waste material (ACWM), are listed below.

**8A – 8E** – Tar and Gravel roofing ( $\sim$ 25,550 square feet) of Building 19 (**See Figure and Photosheets**).

**8A – 8E** – Tar and Gravel roofing (~2,600 square feet) of garage are of Building 19 (See Figure and Photosheets).

Building materials that are found to contain less than 1% asbestos, need to be handled in accordance with the Massachusetts Department of Environmental Protection (MassDEP) Regulations (310 CMR 7.15) as an ACWM. Additionally, the MassDEP indicates that if any material containing any asbestos gets mixed with non-asbestos C&D debris, all must be handled as an ACWM, and will need to be disposed of at a landfill that will accept asbestos containing waste, as well as being properly manifested.

Samples of many other suspect ACM's collected during the survey, were determined to be non-asbestos containing and are referenced in laboratory analytical results in **Appendix A**.

The table below identifies the observed locations and estimated quantities of PACM located throughout the buildings.

54614		
PACM	Location	Quantity
Mag-type TSI	Building 1 -southeastern corner of the 2 <sup>nd</sup> floor locker room (see Photosheets)	~5 LF
Mag-type TSI	Along the northern area of Building 2 and the southern area of Building 19 (see Photosheets)	~180 LF
Transite Shingles	Along the ends of the sawtooth roofing systems of Building 1 (see Photosheets)	~950 SF
Transite Shingles	Along the ends of the sawtooth roofing systems of Building 3 (see Photosheets)	~150 SF
Transite Panels	Along the ends of the sawtooth roofing systems of Building 12 (see Photosheets)	~300 SF
Transite Panels	Along the ends of the sawtooth roofing systems of Building 19 (see Photosheets)	~200 SF
Transite Panels	Building 3 Roof Air Handler Room (see Figure and Photosheets)	~265 SF

PACM	Location	Quantity
Transite Panels	Roof of small shed to the west of the Building 19 garage (see Figure and Photosheets)	~360 SF
Transite Panels	Truck station adjacent to the southeastern portion of Building 12 (see Figure and Photosheets)	~2,250 SF
Transite Panels	Building 2 1st floor northwestern air handler (see Photosheets)	~1,050 SF
Transite Panels	Building 2 1 <sup>st</sup> floor southeastern office/rooms (see Photosheets)	~1,050 SF
Transite Panels	Building 3 northeastern room adjacent to switchgear room (see Photosheets)	~315 SF
Transite Panels	Building 3 southeastern transformer room (see Photosheets)	~185 SF
Transite Panels	Building 3 switchgears (see Photosheets)	~1,200 SF
Transite Panels	Building 12 Cast Office ceiling (see Photosheets)	~375 SF
Transite Panels	Building 12 2 <sup>nd</sup> floor air handler room and 2 <sup>nd</sup> floor locker room adjacent to the air handler room (see Photosheets)	~2,175 SF
Transite Panels	Building 12/19 ramp (see Photosheets)	~210 SF

All identified ACMs, ACWMs and PACMs should be properly abated in accordance with all local, state and federal regulations prior to any potential disturbance associated with any future demolition and/or renovation activities which may be proposed for the subject property buildings.

\*Please note that the quantities and locations of ACMs, ACWMs and PACMs included in this survey report are for reference purposes only and should be field verified by contractors if they are to be utilized for bidding purposes.

### 3.0 Background Air Sampling

As the scope of this project consisted of an asbestos building survey only, no background air sampling was conducted during this survey.

### 4.0 Summary/Conclusions

AltTech has completed an asbestos survey of the commercial buildings located at 24 North Front Street in New Bedford, MA, and are identified as Building 1, Building 2, Building 3 (Haz-Mat Room), Building 4 (Waste Treatment Plant) Building 12, Building 19.

It should be noted that as per conversations with on-site personnel, Scott Taber, it was determined that all transite panels/shingles and mag-type TSI would be PACMs and were not sampled as part of the survey. The observed locations and estimated quantities are included in the Table in Section 2.0 of this report.

Please note that subsurface investigations (i.e. foundations), internal electrical/mechanical mechanisms, machines, confined spaces or other non-building components were not inspected or sampled. As such, for the purposes of this survey, suspect materials associated with the subsurface (i.e. foundations), internal electrical/mechanical mechanisms, machines, confined spaces or other non-building components that were not inspected or sampled should be assumed positive for asbestos until sampled and proven otherwise with laboratory analysis.

Two hundred and twenty-four (224) asbestos bulk samples were collected amongst eighty (80) different homogeneous materials from the subject property buildings with instructions to the laboratory to stop at the first positive result obtained for each homogeneous sample set. Based on these instructions, one hundred and thirty-seven (181) samples were laboratory analyzed. **Appendix A** contains a copy of the bulk sampling results, as provided by AIL.

Upon sampling and analysis, materials that were found to be ACMs, ACWMs and/or PACMs are summarized in Section 2.0 of this survey report.

Prior to any potential disturbance associated with any future renovation/demolition activities proposed for the subject property buildings, all identified ACMs, ACWMs, and/or PACMs should be appropriately abated by a licensed asbestos abatement contractor in accordance with all local, state and federal regulations.

\*Please note that the quantities and locations of ACMs, ACWMs and PACMs included in this survey report are for reference purposes only and should be field verified by contractors if they are to be utilized for bidding purposes.

AltTech has made an effort to characterize visible and readily accessible suspect ACMs within the interior/exterior areas of the subject property buildings. However, should construction workers encounter and/or need to disturb any product(s) suspected as being an ACM, that have not been previously identified or sampled, during any demolition and/or renovation activities in the future, all proper precautions should be taken to ensure these materials are appropriately characterized and handled accordingly.

This report has been prepared for the sole benefit of Shoreline Resources. The report may not be used by any other person or entity without the express written consent of AltTech and Shoreline Resources.

Any use which a third party makes of this report, or any reliance on decisions made based on it, are the responsibility of such third parties. AltTech accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. Conclusions presented in this report should not be construed as legal or medical advice.

The conclusions presented in this report represent the best technical judgment of AltTech based on the data obtained from the work. The conclusions are based on the site conditions encountered by licensed and trained personnel at the time work was performed at the specific inspection and/or sampling locations

### 5.0 Signature(s) of Environmental Professional(s)

July 8, 2022

Brian A. Piccolo MA Inspector AI 61526 Date

# APPENDIX A

Asbestos Bulk Sampling Results

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
Labli	D				
1A	Glue Daubs	Bldg 1-Locker Room	brown	Non-Fibrous 100	None Detected
90122	7				
1B	Glue Daubs	Bldg 1-Locker Room	brown	Non-Fibrous 100	None Detected
90122	8				
1C	Glue Daubs	Bldg 1-Locker Room	brown	Non-Fibrous 100	None Detected
90122	9				
2A	Red Linoleum	Bldg 1-Locker Room	multi	Non-Fibrous 60	Detected
90123	0				Chrysotile 40
2AM	Mastic	Bldg 1-Locker Room	tan	Non-Fibrous 100	None Detected
90123	1				
3A	Black Mastic	Bldg 1-Locker Room	black	Non-Fibrous 97	Detected
90123	2				Chrysotile 3
3B	Black Mastic	Bldg 1-Locker Room			Not Analyzed
90123	2				
3C	Black Mastic	Bldg 1-Locker Room			Not Analyzed
00103					
90123 <b>4A</b>	Plaster	Bldg 2	gray		Detected
00103				Non-Fibrous 93	Chrysotile 2
90123 <b>4B</b>	Plaster	Bldg 2			Not Analyzed
90123 <b>4C</b>	Plaster	Bldg 2			Not Analyzed
90123 <b>4D</b>	7 Plaster	Bldg 2			Not Analyzed
		9 _			
90123 <b>4E</b>	8 Plaster	Bldg 2			Not Analyzed
		5149 2			noe mary zea
90123 <b>5A</b>	9 Gray Floor Paper Below	Bldg 2, 2nd Flr	gray	Cellulose 90	None Detected
	Hardwood	Blag 2, 2nd i ii	gray	Non-Fibrous 10	
90124 <b>5B</b>	Gray Floor Paper Below	Bldg 2, 2nd Flr	gray	Cellulose 90	None Detected
	Hardwood	plag z, zha i ii	gray	Non-Fibrous 10	
90124 <b>6A</b>		Bldg 2, 2nd Flr	black	Cellulose 70	Detected
	Tar Paper Below Black Flooring	play 2, 2114 FIF	DIACK		Chrysotile 2
90124		Dida O Ond Ele			NTL 70 7 7
6B	Tar Paper Below Black Flooring	Bldg 2, 2nd Flr			Not Analyzed
90124					

June 20, 2022

Received:

June 24, 2022

81195

Batch:

Analyzed:

Material	Location	Color	Non-Asbestos %	Asbestos %
Black Flooring	Bldg 2, 2nd Flr	black	Non-Fibrous 100	None Detected
Black Counter Top	Bldg 2, 2nd Flr	gray	Non-Fibrous 100	None Detected
Black Counter Top	Bldg 2, 2nd Flr	gray	Non-Fibrous 100	None Detected
<del>- </del>				
Window Glazing	Bldg 2. 32 Pane Windows	grav	Non-Fibrous 100	None Detected
Window Glazing	Bldg 2 32 Pane Windows	gray	Non-Fibrous 100	None Detected
- Valley Glazing	Blag 2, 62 i alio villaono	9.49	11011 11010 100	None Beeceda
Window Glazing	Rida 2 32 Pane Windows	arav	Non-Fibrous 100	None Detected
Willidow Glazing	Blug 2, 52 Faile Willuows	gray	NOII-FIDIOUS 100	None Detected
Window Clozing	Pldg 2, 2nd Elr, 40 Dono	arov.	Non Eibneug 100	None Detected
Willdow Glazing	Windows	gray	Non-Fibrous 100	None Detected
W	DI I O O I EI 10 D		12	_
Window Glazing	Bldg 2, 2nd Fir, 49 Pane Windows	gray	Non-Fibrous 100	None Detected
9x9 Floor Tile		red	Non-Fibrous 95	Detected Chrysotile 5
Mastic	_	black	Non-Fibrous 90	Detected Chrysotile 10
	Liovator			_
9x9 Floor Tile	Bldg 2, 1st Flr Near			Not Analyzed
	Lievatoi			
Mastic	Bldg 2, 1st Flr Near			Not Analyzed
	Elevator			
9x9 Floor Tile	Bldg 2, 1st Flr South Office	gray	Non-Fibrous 98	Detected Chrysotile 2
				Chrysotile 2
Mastic	Bldg 2, 1st Flr South Office	black		None Detected
			Non-Fibrous 95	
9x9 Floor Tile	Bldg 2, 1st Flr South Office			Not Analyzed
Mastic	Bldg 2, 1st Flr South Office	black	Non-Fibrous 100	None Detected
Black Burlap-Backed	Bldg 2, 1st Flr South Office	gray	Cellulose 60	None Detected
Flooring			Non-Fibrous 40	1
	Black Flooring  Black Counter Top  Black Counter Top  Window Glazing  Window Glazing  Window Glazing  Window Glazing  Window Glazing  Assic  9x9 Floor Tile  Mastic  9x9 Floor Tile  Mastic  9x9 Floor Tile  Mastic  9x9 Floor Tile  Mastic  Black Burlap-Backed	Black Flooring  Black Counter Top  Black Counter Top  Black Counter Top  Black Counter Top  Bldg 2, 2nd Flr  Window Glazing  Bldg 2, 32 Pane Windows  Window Glazing  Bldg 2, 32 Pane Windows  Window Glazing  Bldg 2, 32 Pane Windows  Window Glazing  Bldg 2, 2nd Flr, 49 Pane Windows  Windows  Window Glazing  Bldg 2, 2nd Flr, 49 Pane Windows  Windows  Bldg 2, 1st Flr Near Elevator  Mastic  Bldg 2, 1st Flr Near Elevator  Bldg 2, 1st Flr South Office  Mastic  Bldg 2, 1st Flr South Office	Black Flooring  Bldg 2, 2nd Flr  Black Counter Top  Bldg 2, 2nd Flr  gray  Black Counter Top  Bldg 2, 2nd Flr  gray  Window Glazing  Bldg 2, 32 Pane Windows  gray  Windows  Window Glazing  Bldg 2, 2nd Flr, 49 Pane  Windows  Windows  Bldg 2, 2nd Flr, 49 Pane  Windows  Px9 Floor Tile  Bldg 2, 1st Flr Near  Elevator  Bldg 2, 1st Flr South Office  Bldg 2, 1st Flr South Office	Black Flooring  Bldg 2, 2nd Fir  Black Counter Top  Bldg 2, 2nd Fir  gray  Non-Fibrous  100  Black Counter Top  Bldg 2, 2nd Fir  gray  Non-Fibrous  100  Window Glazing  Bldg 2, 32 Pane Windows  gray  Window Glazing  Bldg 2, 32 Pane Windows  Window Glazing  Bldg 2, 32 Pane Windows  gray  Non-Fibrous  100  Window Glazing  Bldg 2, 32 Pane Windows  gray  Non-Fibrous  100  Window Glazing  Bldg 2, 32 Pane Windows  gray  Non-Fibrous  100  Window Glazing  Bldg 2, 2nd Fir, 49 Pane  Windows  Windows  Windows  Windows  Windows  Bldg 2, 2nd Fir, 49 Pane  Windows  Windows  Px9 Floor Tile  Bldg 2, 2nd Fir, 49 Pane  Bldg 2, 1st Fir Near  Elevator  Bldg 2, 1st Fir Near  Elevator  Mastic  Bldg 2, 1st Fir Near  Elevator  Mastic  Bldg 2, 1st Fir Near  Elevator  Mastic  Bldg 2, 1st Fir South Office  Mastic

June 20, 2022

Received:

June 24, 2022

Analyzed:

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID		DI 0 4 1 5 0 11 0 5			
13B	Black Burlap-Backed	Bldg 2, 1st Flr South Office	gray		None Detected
901261	Flooring			Non-Fibrous 40	
14A	Black Floor Paper Below	Bldg 2, 2nd Flr	black	Cellulose 80	None Detected
	Hardwoods .			Non-Fibrous 20	
901262					
14B	Black Floor Paper Below	Bldg 2, 2nd Flr	black		None Detected
901263	Hardwoods			Non-Fibrous 20	
901263 15A	9x9 Floor Tile	Bldg 2, 1st Flr South	gray	Non-Fibrous 98	Detected
10,1	5x3 1 1001 1 110	Bathroom	gray	Non ribious 90	Chrysotile
901264					
15AM	Mastic	Bldg 2, 1st Flr South	black	Non-Fibrous 100	None Detected
		Bathroom			
901265 <b>15D</b>	0.0 51	Dide O Act Fig O			
15B	9x9 Floor Tile	Bldg 2, 1st Flr South Bathroom			Not Analyzed
901266		Battiloom			
15BM	Mastic	Bldg 2, 1st Flr South	black	Non-Fibrous 100	None Detected
		Bathroom			
901267					
16A	Red Jacket TSI	Bldg 2, 1st Flr	red		None Detected
901268				Non-Fibrous 10	
16B	Red Jacket TSI	Bldg 2, 1st Flr	red	Cellulose 90	None Detected
	- Red backet Fel	Diag 2, 13(1)	loa	Non-Fibrous 10	
901269					
16C	Red Jacket TSI	Bldg 2, 1st Flr	red		None Detected
				Non-Fibrous 10	
901270 <b>17A</b>	Ton Layer Plack Jacket	Dida 2 1at Fir	ma ulti	G-111 60	N D-+
178	Top Layer Black Jacket TSI	Bldg 2, 1st Flr	multi	Cellulose 60 Non-Fibrous 40	None Detected
901271				11011 1 121 0 42	
17B	Top Layer Black Jacket	Bldg 2, 1st Flr	multi	Cellulose 60	None Detected
	──TSI			Non-Fibrous 40	
901272					
17C	Top Layer Black Jacket TSI	Bldg 2, 1st Flr	multi		None Detected
901273				Non-Fibrous 40	
18A	Black 12x12 Floor Tile	Bldg 12, Cast Office	gray	Non-Fibrous 100	None Detected
		, , , , , , , , , , , , , , , , , , , ,			
901274					
18B	Black 12x12 Floor Tile	Bldg 12, Cast Office	black	Non-Fibrous 100	None Detected
001075					
901275 <b>19A</b>	Black Tar Paper Below	Bldg 12, Cast Office	black	Cellulose 70	None Detected
	Plywood	Diug 12, Cast Office	DIACK	Non-Fibrous 30	
901276					
19B	Black Tar Paper Below	Bldg 12, Cast Office	black	Cellulose 70	None Detected
	Plywood			Non-Fibrous 30	
901277					

June 20, 2022

Received:

June 24, 2022

Analyzed:

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID 20A	Window Glazing	Bldg 12, Cast Office	white	Non-Fibrous 98	Detected
20A	Willdow Glazing	Bidg 12, Cast Office	write	Non-Fibrous 98	Chrysotile 2
901278					
20B	Window Glazing	Bldg 12, Cast Office			Not Analyzed
901279					
21A	Panel Glue	Bldg 12, Locker Room	tan	Non-Fibrous 100	None Detected
901280 <b>21B</b>		Dide 12 Leaker Deam	t	N T 100	) NT To
216	Panel Glue	Bldg 12, Locker Room	tan	Non-Fibrous 100	None Detected
901281					
22A	Plaster Skim Coat	Bldg 12	white	Non-Fibrous 100	None Detected
901282					
22B	Plaster Skim Coat	Bldg 12	white	Non-Fibrous 100	None Detected
901283 <b>22C</b>		Dide 40		77 77 100	
220	Plaster Skim Coat	Bldg 12	white	Non-Fibrous 100	None Detected
901284	:				
23A	Plaster Base Coat	Bldg 12	gray	Non-Fibrous 100	None Detected
901285	:				
23B	Plaster Base Coat	Bldg 12	gray	Non-Fibrous 100	None Detected
	<del></del>				
901286 <b>23C</b>	Plaster Base Coat	Bldg 12	arov	Non-Fibrous 100	) NI D-+
230	Plaster Base Coat	Bidg 12	gray	Non-Fibrous 100	None Detected
901287	,				
24A	Pyro Block	Bldg 12, Locker Room	gray	Non-Fibrous 100	None Detected
901288					
24B	Pyro Block	Bldg 12, Locker Room	gray	Non-Fibrous 100	None Detected
901289 <b>25A</b>	Building Paper	Bldg 19, Shed	black	Cellulose 70	None Detected
20/1		blug 19, Stied	DIACK	Non-Fibrous 30	
901290					
26A	Window Glazing	Bldg 19, Metal Frame Windows	gray	Non-Fibrous 100	None Detected
901291		VVIIIuows			
26B	Window Glazing	Bldg 19, Metal Frame	gray	Non-Fibrous 100	None Detected
2000		Windows			
901292 <b>26C</b>	Window Glazing	Bldg 19, Metal Frame	gray	Non-Fibrous 98	Detected
		Windows	gray	TYOU PIDIOUS 96	Chrysotile 2
901293					
27A	Plaster	Switch Gear Room-Ceiling	gray		None Detected
901294				Non-Fibrous 95	

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Field	IID	Material	Location	Color	Non-Asbestos %	Asbestos %
	LabID					
27B		Plaster	Switch Gear Room-Ceiling	gray		None Detected
	901295				Non-Fibrous 95	
28A		Window Glazing	Bldg 3, Metal Frame Windows	gray	Non-Fibrous 100	None Detected
28B	901296	Window Glazing	Bldg 3, Metal Frame	gray	Non-Fibrous 100	None Detected
200		Willidow Glazing	Windows	gray	Non-Fibrous 100	none Detected
000	901297		DI			
28C		Window Glazing	Bldg 3, Metal Frame Windows	gray	Non-Fibrous 100	None Detected
	901298					
29A		Cooling Tower Wall  Material	Bldg 3	gray	Non-Fibrous 70	Detected Chrysotile 30
29B	901299	Cooling Tower Wall	Bldg 3			Not Analyzed
		Material				not imaryzed
29C	901300	Cooling Tower Wall	Bldg 3			Not Applicad
290		Material	blug 3			Not Analyzed
	901301			ļ		
30A		Plaster Skim Coat	Bldg 1, Locker Room	white	Non-Fibrous 100	None Detected
30B	901302	Plaster Skim Coat	Bldg 1-Locker Room	white	Non-Fibrous 100	None Detected
	901303					
30C		Plaster Skim Coat	Bldg 1-Locker Room	white	Non-Fibrous 100	None Detected
	901304					
31A		Plaster Base Coat	Bldg 1-Locker Room	gray	Non-Fibrous 100	None Detected
	901305					
31B		Plaster Base Coat	Bldg 1-Locker Room	gray	Non-Fibrous 100	None Detected
	901306					
31C		Plaster Base Coat	Bldg 1-Locker Room	gray	Non-Fibrous 100	None Detected
32A	901307	Cove Base Mastic	Bldg 1-Locker Room	brown	Non-Fibrous 100	None Detected
		Oove Base Mastic	Blug 1-Locker (toolii	DIOWII	Non Fibrous 100	None Detected
220	901308	Cava Daga Maratia	Dida 4 Lagica: Dage	 	Mary Till 100	
32B		Cove Base Mastic	Bldg 1-Locker Room	brown	Non-Fibrous 100	None Detected
33A	901309	Brown Floor Paper Below	Bldg 2, 2nd Floor	black	Cellulose 70	None Detected
	001016	Hardwoods	Diag 2, 2110 1 1001	DIACK	Non-Fibrous 30	
33B	901310	Brown Floor Paper Below	Bldg 2, 2nd Floor	black		None Detected
	901311	Hardwoods			Non-Fibrous 30	

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Field	IID	Material	Location	Color	Non-Asbestos %	Asbestos %
	LabID					
34A		Window Glazing	Bldg 2, 1st Flr 49 Pane Windows	red	Non-Fibrous 100	None Detected
	901312					
34B		Window Glazing	Bldg 2, 1st Flr 49 Pane Windows	red	Non-Fibrous 100	None Detected
34C	901313	Window Glazing	Bldg 2, 1st Flr 49 Pane	red	Non-Fibrous 100	None Detected
		Willidow Glazing	Windows		Non-Fibrous 100	None Detected
)	901314	D 0 III	D. I. O.	1.4		
35A		Door Caulking	Bldg 3	white	Non-Fibrous 95	Detected Chrysotile
	901315					
35B		Door Caulking	Bldg 3			Not Analyzed
	901316					
36A		Top Layer Asphalt Shingle	Bldg 1 Sawtooth Roof	black	_	None Detected
	901317				Non-Fibrous 70	
36B		Top Layer Asphalt Shingle	Bldg 1 Sawtooth Roof	black	Fiberglass 30	None Detected
	001210				Non-Fibrous 70	
36C	901318	Top Layer Asphalt Shingle	Bldg 1 Sawtooth Roof	black	Fiberglass 30	None Detected
		- Top Eayor reprian eningio	Diag i Cawtesti i icoi	Black	Non-Fibrous 70	
 37A	901319	2nd Layer Asphalt Shingle	Pldg 1 Soutcoth Poof	black	Cellulose 30	None Detected
		Zhu Layer Asphalt Shingle	Bidg I Sawtootii Nooi	Diack	Non-Fibrous 70	
	901320					
37B		2nd Layer Asphalt Shingle	Bldg 1 Sawtooth Roof	black		None Detected
	901321				Non-Fibrous 70	
37C		2nd Layer Asphalt Shingle	Bldg 1 Sawtooth Roof	black		None Detected
	001300				Non-Fibrous 70	
38A	901322	Built-up Roofing Felts	Bldg 1 Sawtooth Roof	black	Cellulose 60	None Detected
			Liag i damedai i too	Jack	Non-Fibrous 40	
200	901323	Duilt up Doofing Calle	Dida 1 Courtantis Daret	blast	Gollul CO	Name of the state
38B		Built-up Roofing Felts	Bldg 1 Sawtooth Roof	black	Cellulose 60 Non-Fibrous 40	None Detected
200	901324	D 11 - D 2 5 5 11	DU 40 4 11 B 1	1.1. 1		
38C		Built-up Roofing Felts	Bldg 1 Sawtooth Roof	black	Cellulose 60 Non-Fibrous 40	None Detected
	901325				1.011 1 1.01 0 40	
39A		Brown Roofing Paper	Bldg 1 Roof	black		None Detected
	901326				Non-Fibrous 5	
39B	JU1340	Brown Roofing Paper	Bldg 1 Roof	black	Cellulose 95	None Detected
					Non-Fibrous 5	
39C	901327	Prown Poofing Poper	Pldg 1 Poof	black	Cellulose 95	None Detect-3
		Brown Roofing Paper	Bldg 1 Roof	black	Cellulose 95 Non-Fibrous 5	None Detected
	901328					

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FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
40A	White Rolled Asphalt —Patch	Bldg 1 Roof	black	Fiberglass 30 Non-Fibrous 70	None Detected
901329 40B	White Rolled Asphalt	Bldg 1 Roof	black	Fiberglass 30	None Detected
901330	Patch			Non-Fibrous 70	
I1A	Black Rolled Asphalt Patch	Bldg 1 Roof	black	Fiberglass 30 Non-Fibrous 70	None Detected
901331 I <b>1B</b>	Black Rolled Asphalt	Bldg 1 Roof	black	Fiberglass 30	None Detected
901332	Patch			Non-Fibrous 70	
12A	Black Sealant Assoc. w/ Patches	Bldg 1 Roof	black	Cellulose 30 Non-Fibrous 70	None Detected
901333 12B	Black Sealant Assoc. w/ Patches	Bldg 1 Roof	black	Cellulose 30 Non-Fibrous 70	None Detected
901334 93A	Top Layer Rolled Asphalt Roofing	Bldg 1	multi	Synthetic 30 Non-Fibrous 70	None Detected
901335 3B	Top Layer Rolled Asphalt	Bldg 1	multi	Synthetic 30	None Detected
901336	Roofing		Non-Fibrous 70		
43C	Top Layer Rolled Asphalt Roofing	Bldg 1	multi	Synthetic 30 Non-Fibrous 70	None Detected
901337 <b>14A</b>	2nd Layer Rolled Asphalt Roofing	Bldg 1	black	Fiberglass 30	None Detected
901338 I4B	2nd Layer Rolled Asphalt	Bldg 1	black	Fiberglass 30	None Detected
901339	Roofing			Non-Fibrous 70	
901340	2nd Layer Rolled Asphalt Roofing	Bldg 1	black	Fiberglass 30 Non-Fibrous 70	None Detected
15A	Black Sealant Assoc. w/ Rolled Asphalt Roofing	Bldg 1	black	Synthetic 5 Non-Fibrous 95	None Detected
901341 .5B	Black Sealant Assoc. w/ Rolled Asphalt Roofing	Bldg 1	black	Synthetic 5 Non-Fibrous 95	None Detected
901342 -5C	Black Sealant Assoc. w/ Rolled Asphalt Roofing	Bldg 1	black	Synthetic 5 Non-Fibrous 95	None Detected
901343 6A	Tar & Gravel Roofing	Bldg 1	black		Detected Chrysotile < 1
901344 <b>46B</b>	Tar & Gravel Roofing	Bldg 1	black		Detected Chrysotile

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Field	IID	Material	Location	Color	Non-Asbestos %	Asbestos %
	LabID					
46C		Tar & Gravel Roofing	Bldg 1	black		Not Analyzed
	901346					
46D		Tar & Gravel Roofing	Bldg 1	black		Not Analyzed
	901347					
46E	201347	Tar & Gravel Roofing	Bldg 1	black		Not Analyzed
	001240					
47A	901348	Black Sealant	Along Bldgs 1&2	black	Non-Fibrous 95	Detected
		<del>- </del>				Chrysotile 5
47B	901349	Black Sealant	Along Bldgs 1&2			Not Analyzed
		<del>- </del>				
48A	901350	Window Glazing	Bldg 1, Small Wood Frame	gray	Non-Fibrous 100	None Detected
		- Challing	Windows	9.47		none percedu
48B	901351	Window Glazing	Bldg 1, Small Wood Frame	aray	Non-Fibrous 100	None Detected
		Willidow Glazing	Windows	gray	NOII-FIDIOUS 100	None Detected
49A	901352	Window Clozina	Dida 1 Large Wood Frame	aro.	Non Tibrary 100	) NI D-+
49A		Window Glazing	Bldg 1, Large Wood Frame Windows	gray	Non-Fibrous 100	None Detected
400	901353	W	DI 4 1 W 15			
49B		Window Glazing	Bldg 1, Large Wood Frame Windows	gray	Non-Fibrous 100	None Detected
	901354					
50A		Window Glazing	Bldg 1, Large Metal Frame Windows	gray	Non-Fibrous 100	None Detected
	901355					
50B		Window Glazing	Bldg 1, Large Metal Frame Windows	gray	Non-Fibrous 100	None Detected
	901356		Villaews			
51A		Tar & Gravel Roofing	Bldg 2	black		None Detected
	901357				Non-Fibrous 60	
51B		Tar & Gravel Roofing	Bldg 2	black		None Detected
	901358	7			Non-Fibrous 60	
51C		Tar & Gravel Roofing	Bldg 2	black		None Detected
	901359				Non-Fibrous 60	
51D	-	Tar & Gravel Roofing	Bldg 2	black		None Detected
	901360	<del> </del>			Non-Fibrous 40	
51E	201300	Tar & Gravel Roofing	Bldg 2	black	Cellulose 60	None Detected
	001261				Non-Fibrous 40	
51F	901361	Tar & Gravel Roofing	Bldg 2	black	Cellulose 60	None Detected
		<del> </del>			Non-Fibrous 40	
	901362					

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Field	ID	Material	Location	Color	Non-Asbestos %	Asbestos %
	LabID					
51G		Tar & Gravel Roofing	Bldg 2	black		None Detected
	901363				Non-Fibrous 40	
52A		Brown Roof Paper	Bldg 2	black	Cellulose 95 Non-Fibrous 5	None Detected
2B	901364	Brown Roof Paper	Bldg 2	black	Cellulose 90	None Detected
		- Blowii Rooi Fapei	Blug Z	DIACK	Non-Fibrous 10	
	901365					
52C		Brown Roof Paper E	Bldg 2	black	Cellulose 90 Non-Fibrous 10	None Detected
	901366				Non-Fibrous it	
53A		Rolled Canvas Roofing	Bldg 2, North Roof	black	Cellulose 60 Non-Fibrous 40	None Detected
3B	901367	Rolled Canvas Roofing	Bldg 2, North Roof	black	Cellulose 60	None Detected
		Troiled Gailvas resoning	Blug 2, North Noor	black	Non-Fibrous 40	
	901368					
3C		Rolled Canvas Roofing	Bldg 2, North Roof	black	Cellulose 60 Non-Fibrous 40	None Detected
	901369				Noil-Fiblous 40	
4A		Black Tar Assoc. w/ Rolled	Bldg 2, North Roof	black		None Detected
	901370	Canvas Roofing			Non-Fibrous 70	0
54B	701370	Black Tar Assoc. w/ Rolled	Bldg 2, North Roof	black	Cellulose 30	None Detected
		Canvas Roofing			Non-Fibrous 70	
54C	901371	Black Tar Assoc. w/ Rolled	Ridg 2 North Poof	black	Cellulose 30	None Detected
) <del>4</del> 0		Canvas Roofing	Blug 2, North Roof	Diack	Non-Fibrous 70	
	901372					
55A		Rolled Asphalt Shingle Roofing	Bldg 2, Southeast Roof	black	Fiberglass 30 Non-Fibrous 70	None Detected
	901373	Rooming			Non-Fibrous /	
55B			Bldg 2, Southeast Roof	black	Fiberglass 30	None Detected
	901374	Roofing			Non-Fibrous 70	)
55C	901374	Rolled Asphalt Shingle	Bldg 2, Southeast Roof	black	Fiberglass 30	None Detected
		Roofing	, , , , , , , , , , , , , , , , , , , ,		Non-Fibrous 70	
:6 A	901375	Cibon Doord	Dida O Cautia + D - 1	h. w. a · · · · · -	G-11-1-	
66A		Fiber Board	Bldg 2, Southeast Roof	brown	Cellulose 90 Non-Fibrous 10	None Detected
	901376				10000	
66B		Fiber Board	Bldg 2, Southeast Roof	brown		None Detected
	901377	$\neg$			Non-Fibrous 10	)
56C		Fiber Board	Bldg 2, Southeast Roof	brown	Cellulose 90	None Detected
		<del> </del>	-		Non-Fibrous 10	
57A	901378	Black Sealant Assoc. w/	Bldg 2, Southeast Roof	black	Non-Fibrous 100	None Detected
		Rolled Asphalt Shingle	· -	1		

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FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
57B	Black Sealant Assoc. w/	Bldg 2, Southeast Roof	black	Non-Fibrous 10	None Detected
901380	Rolled Asphalt Shingle				
57C	Black Sealant Assoc. w/ Rolled Asphalt Shingle	Bldg 2, Southeast Roof	black	Non-Fibrous 10	None Detected
901381					
58A	Black Edge Sealant	Bldg 2, Southeast Roof	black	Non-Fibrous 9	Detected Chrysotile 5
901382					
58B	Black Edge Sealant	Bldg 2, Southeast Roof			Not Analyzed
901383					
58C	Black Edge Sealant	Bldg 2, Southeast Roof			Not Analyzed
901384					
7B	Black Flooring	Bldg 2, 2nd Flr	black	Non-Fibrous 10	None Detected
902495					

**Sampled:** June 20, 2022 **Received:** June 24, 2022 **Analyzed:** June 28, 2022

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Field	dID	Material	Location	Color	Non-Asbestos %	Asbestos %
	LabID					
1A		Tar & Gravel Roofing	Building 12	black	Cellulose 30	Detected
		<del>- </del>	-		Non-Fibrous 68	Chrysotile 2
1B	905842	Tar & Gravel Roofing	Building 12			Not Analyzed
		- I can be broken to be ming				
1C	905843	Tar & Gravel Roofing	Building 12			NT - + - 7
10		Tar & Graver Rooming	Bullaing 12			Not Analyzed
	905844					
1D		Tar & Gravel Roofing	Building 12			Not Analyzed
	905845					
1E		Tar & Gravel Roofing	Building 12			Not Analyzed
	905846					
2A		Fiber Board	Building 12 Roof	brown	Cellulose 90	None Detected
	905847	<del>- </del>			Non-Fibrous 10	
2B	905847	Fiber Board	Building 12 Roof	brown	Cellulose 90	None Detected
		<del>- </del>			Non-Fibrous 10	
3A	905848	Black Tar on Cement Deck	Ruilding 12	black	Cellulose 10	Detected
		Black Tai on ocincit beek	Building 12	Diack		Chrysotile 2
0.0	905849		D !! !! 40			
3B		Black Tar on Cement Deck	Building 12			Not Analyzed
	905850					
3C		Black Tar on Cement Deck	Building 12			Not Analyzed
	905851					
3D		Black Tar on Cement Deck	Building 12			Not Analyzed
	905852					
3E	303032	Black Tar on Cement Deck	Building 12			Not Analyzed
4A	905853	Black Sealant Ass. W/	Building 12	black	Non-Fibrous 90	Detected
		Bldg. 12 Roof		J.G.G.K	1.0.1 1 1.0.1 0 4.5	Chrysotile 10
4B	905854	Black Sealant Ass. W/	Duilding 10			NT-1 7 - 7
45		Bldg. 12 Roof	Building 12			Not Analyzed
	905855					
4C		Black Sealant Ass. W/ Bldg. 12 Roof	Building 12			Not Analyzed
	905856	Diag. 12 11001				
5A		Built-Up Roofing	Building 12 Saw Tooth	black		Detected
	905857	7	Roof		Non-Fibrous 70	Chrysotile 10

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FieldID		Material	Location	Color	Non-Asbestos %	Asbestos %
:	abID					
<b>5</b> В		Built-Up Roofing	Building 12 Saw Tooth			Not Analyzed
0.0	05858		Roof			
5C	J3636	Built-Up Roofing	Building 12 Saw Tooth Roof			Not Analyzed
	05859					
6A		Black Tar on Cement	Building 12 Saw Tooth Roof	black	Cellulose 50 Non-Fibrous 50	None Detected
	05860					
6B		Black Tar on Cement	Building 12 Saw Tooth Roof	black		None Detected
90	05861		IXOOI		Non-Fibrous 50	
6C		Black Tar on Cement	Building 12 Saw Tooth Roof	black	Cellulose 50 Non-Fibrous 50	None Detected
90 <b>7A</b>	05862	Black Sealant	Building 12 Saw Tooth Roof	black	Non-Fibrous 90	Detected Chrysotile 10
90	05863		11001			5
7B		Black Sealant	Building 12 Saw Tooth Roof			Not Analyzed
	05864					
7C		Black Sealant	Building 12 Saw Tooth Roof			Not Analyzed
	05865					
8A	05866	Tar & Gravel Roofing	Building 19	black		Detected Chrysotile < 1
8B	J5866	Tar & Gravel Roofing	Building 19	black	Cellulose 30	Detected
					Non-Fibrous 70	Chrysotile < 1
90 <b>8C</b>	05867	Tar & Gravel Roofing	Building 19	black	Cellulose 30	Detected
						Chrysotile < 1
90 <b>8D</b>	05868	Tar & Gravel Roofing	Building 19	black	Cellulose 30	Detected
		Tal & Gravel Rooling	Building 19	DIACK		Chrysotile < 1
	05869	T 00 ID 0	D 11 11 40			
8E		Tar & Gravel Roofing	Building 19	black		Detected Chrysotile < 1
	05870					
9A		Fiber Board	Building 19 Roof	brown	Cellulose 90 Non-Fibrous 10	None Detected
90	05871				Non Tibrodo To	
9B		Fiber Board	Building 19 Roof	brown	Cellulose 90 Non-Fibrous 10	None Detected
	05872					
10A		Black Tar on Cement Deck	Building 19	black		Detected Chrysotile 2
90	05873					

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FieldID	)	Material	Location	Color	Non-Asbestos %	Asbestos %
L	.abID					
10B		Black Tar on Cement Deck	Building 19			Not Analyzed
91	05874					
0C	03071	Black Tar on Cement Deck	Building 19			Not Analyzed
0.0	05875					
10D	05875	Black Tar on Cement Deck	Building 19			Not Analyzed
	05056		-			
0E	05876	Black Tar on Cement Deck	Building 19			Not Analyzed
						1
91 11A	05877	Black Sealant	Building 19	black	Non-Fibrous 100	None Detected
		- Black Coalant	Ballaling 10	Black		None Beeceda
91 I <b>1B</b>	05878	Black Sealant	Building 19	black	Non-Fibrous 100	None Detected
		Diack Gealant	Building 19	DIACK	Non-Fibrous 100	None Detected
91 1C	05879	Diagle Coolant	Duilding 40	blask	Name Hillians and 100	
10		Black Sealant	Building 19	black	Non-Fibrous 100	None Detected
	05880					
12A		Tar & Gravel Roofing	Bldg. 19 Garage	black		Detected Chrysotile < 1
	05881					
12B		Tar & Gravel Roofing	Bldg. 19 Garage	black		Detected Chrysotile < 1
	05882				Non Tibroas 00	-
12C		Tar & Gravel Roofing	Bldg. 19 Garage	black		Detected Chrysotile < 1
91	05883				Non-Fibrous 80	enryboorie ( i
13A		Saw Tooth Roofing	Building 19	black		None Detected
9(	05884				Non-Fibrous 90	
13B		Saw Tooth Roofing	Building 19	black		None Detected
9(	05885				Non-Fibrous 90	
13C		Saw Tooth Roofing	Building 19	black		None Detected
91	05886				Non-Fibrous 90	
14A		Black Sealant	Bldg. 19 Saw Tooth Roof	black	Cellulose 10	None Detected
0.0	05887				Non-Fibrous 90	
14B	0300/	Black Sealant	Bldg. 19 Saw Tooth Roof	black	Cellulose 10	None Detected
	05055		-		Non-Fibrous 90	
91 14C	05888	Black Sealant	Bldg. 19 Saw Tooth Roof	black	Cellulose 10	None Detected
					Non-Fibrous 90	
91	05889					

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FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
15A	Tar & Gravel Roofing	Building 3	black	Cellulose 20	Detected
905890				Non-Fibrous 78	Chrysotile 2
15B	Tar & Gravel Roofing	Building 3			Not Analyzed
905891 <b>15C</b>	Tar & Gravel Roofing	Building 3			Not Analyzed
905892					
15D	Tar & Gravel Roofing	Building 3			Not Analyzed
905893					
15E	Tar & Gravel Roofing	Building 3			Not Analyzed
905894 16A 905895	Top Layer Roofing	Bldg. 3 Saw Tooth Roof	black	Cellulose 10 Synthetic 20 Non-Fibrous 70	
905895 16B	Top Layer Roofing	Bldg. 3 Saw Tooth Roof	black		None Detected
16C	Top Layer Roofing	Bldg. 3 Saw Tooth Roof	black		None Detected
905897 <b>17A</b>	Asphalt Shingle	Bldg. 3 Saw Tooth Roof	black		None Detected
905898 <b>17B</b>	Asphalt Shingle	Bldg. 3 Saw Tooth Roof	black	Fiberglass 20 Non-Fibrous 80	None Detected
905899 17C	Asphalt Shingle	Bldg. 3 Saw Tooth Roof	black	Fiberglass 20 Non-Fibrous 80	None Detected
905900 905901	Roofing Paper	Bldg. 3 Saw Tooth Roof	black	Fiberglass 2 Cellulose 70 Non-Fibrous 28	
18B	Roofing Paper	Bldg. 3 Saw Tooth Roof	black	Cellulose 70	
905902 <b>18C</b>	Roofing Paper	Bldg. 3 Saw Tooth Roof	black		None Detected
905903				Non-Fibrous 50	
19A	Black Sealant	Bldg. 3 Saw Tooth Roof	black	Cellulose 5 Non-Fibrous 95	None Detected
905904 <b>19B</b>	Black Sealant	Bldg. 3 Saw Tooth Roof	black		None Detected
905905				Non-Fibrous 95	

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Brian Piccolo AltTech Services 44 Pole Bridge Road North Scituate, RI 02857 Project Information 20220620 24 N. Front St., New Bedford, MA

Method: BULK PLM ANALYSIS, EPA/600/R-93/116

FieldID	Material	Location	Color	Non-Asbestos %	Asbestos %
LabID					
19C	Black Sealant	Bldg. 3 Saw Tooth Roof			None Detected
905906				Non-Fibrous 95	

Sampled: June 29, 2022 Received: July 01, 2022 Analyzed: July 05, 2022

Wednesday 06 July 2022

Analyzed by: Page 6 of 6 Analyzed by: Batch: 81570

# APPENDIX B

**Photosheets** 



Photo 1

View of the red linoleum located in the 1<sup>st</sup> floor locker room of Building 1.



# Photo 2

Typical view of the black mastic located in the 1st floor locker room and adjoining rooms of Building 1.



# Photo 3

Typical view of the black mastic located in the 1st floor locker room and adjoining rooms of Building 1.



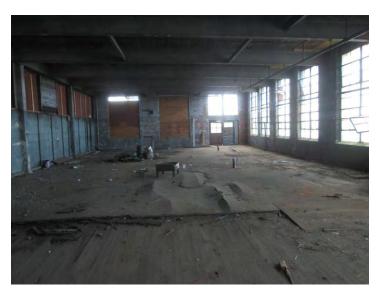
# Photo 4

Typical view of plaster wall in the 2nd floor of Building 2.



# Photo 5

Typical view of plaster wall in the 1st floor of Building 2.



# Photo 6

Typical view of the Building 2 2<sup>nd</sup> floor area with the of tar paper below the concrete floor.



# Photo 7

View of 9" x9" floor tile located to the west of the loading dock in Building 2.



# Photo 8

View of 9" x9" floor tile located adjacent to the southeast elevator in Building 2.



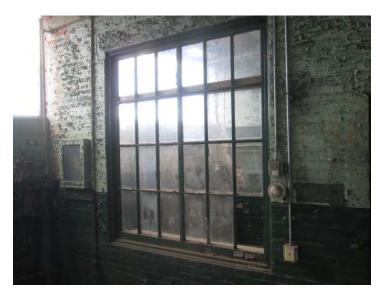
# Photo 9

View of 9" x 9" floor tile located in the 1st floor southeastern office in Building 2.



# Photo 10

View of 9" x 9" floor tile located in the 1st floor southeastern office adjacent to the bathroom in Building 2.



# Photo 11

View of the typical window in the Cast office in Building 12.



# Photo 12

View of the Building 19 windows.



Photo 13
View of the exterior of the cooling tower of Building 3.

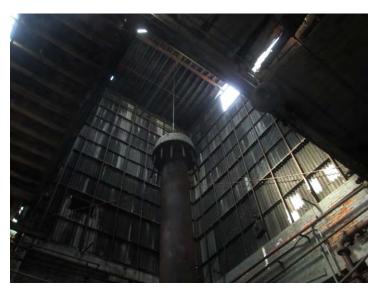


Photo 14
View of the interior of the cooling tower of Building 3.



Photo 15
View of typical exterior door with door caulking in Building 3.



View of typical door caulking associated with the Building 3 exterior doors.



#### Photo 17

Typical view of the Building 1 tar and gravel roofing located below the non-asbestos roofing and foam board.



#### Photo 18

Typical view of the black sealant located along the southeastern lower roof of Building 2.



Typical view of the Building 12 tar and gravel roofing and transite panels at the ends of the sawtooth roofing system.



#### Photo 20

Typical view of the black tar on the cement deck of Building 12.



#### Photo 21

Typical view of the black sealant associated with the Building 12 roofing system.



Typical view of the built-up roofing associated Building 12 sawtooth roofing system.



#### Photo 23

Typical view of the Building 3 tar and gravel roofing.



#### Photo 24

Typical view of the Building 19 tar and gravel roofing.



Photo 25

Typical view of the Building 19 garage tar and gravel roofing.



Photo 26
View of the Mag-type TSI located in the 2<sup>nd</sup> floor of the Building 1 locker room.



# Photo 27 View of the Mag-type TSI located along the southern portion of Building 2 and the northern portion of Building 19.



Typical view of the transite shingles located along the ends of the sawtooth roofing system of Building 1.



#### Photo 29

Typical view of the transite shingles located along the ends of the sawtooth roofing system of Building 3.



#### Photo 30

Typical view of the transite panels located along the ends of the sawtooth roofing system of Building 12.

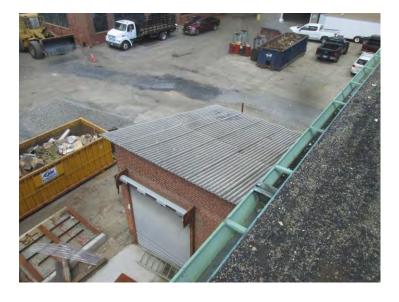


Typical view of the transite panels located along the ends of the sawtooth roofing system of Building 19.



#### Photo 32

View of the transite panels associated with the Building 3 roof air handler room.



#### Photo 33

View of the transite panel roof of the small shed adjacent to the Building 19 garage.



View of the transite panels associated with the truck station adjacent to Building 12.



#### Photo 35

View of the transite panels associated with the Building 2 1<sup>st</sup> floor northwestern air handler.



#### Photo 36

View of the transite panels associated with the Building 2 1<sup>st</sup> floor southeastern office/rooms.



View of the transite panels associated with the Building 2 1<sup>st</sup> floor southeastern office/rooms.



#### Photo 38

View of the transite panels associated with the Building 2 1<sup>st</sup> floor southeastern office/rooms.



#### Photo 39

View of a typical the transite panels in the Building 3 northeastern room adjacent to switchgear room.



View of the transite panels in the Building 3 southeastern transformer room.



#### Photo 41

View of a typical transite panel associated with the Building 3 switchgears.



#### Photo 42

View of the transite panels associated with the Building 12 Cast office ceiling.



View of the transite panels associated with the Building 12 2<sup>nd</sup> floor air handler room.



#### Photo 44

View of the transite panels associated with the Building 12 2<sup>nd</sup> floor locker room adjacent to the air handler room.



#### Photo 45

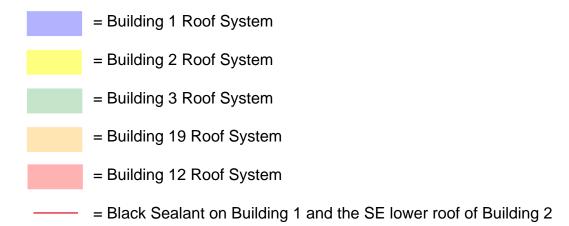
View of the transite panels in located in the Building 12/Building 19 ramp.

## APPENDIX C

Roofing System Figure



24 N Front Street, New Bedford, MA - Roofing System Figure



Please note that transite shingles/panels were observed to be present at the the western and eastern sides of each of the sawtooth roofing systems situated on each of the Buildings and have been assumed positive for asbestos.

Attachment 2 – USEPA and MassDEP Letter of Consistency Determination, dated January 23, 2022





#### **UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

# REGION 1 5 POST OFFICE SQUARE – SUITE 100 BOSTON, MASSACHUSETTS 02109-3912

Date: See electronic signature

Via email: elizabeth.j.callahan@state.ma.us

Elizabeth Callahan, Acting Assistant Commissioner MassDEP Bureau of Waste Site Cleanup 1 Winter Street Boston, Massachusetts 02108

RE: Request letter for the EPA Consistency Determination for Revere Copper Bulkhead Improvements Project

Dear Ms. Elizabeth Callahan:

EPA received the Phase I and Phase II work plans for the New Bedford Port Authority (NBPA) / Shoreline Resources, LLC Revere Copper - Bulkhead Improvements project for review in September and November of 2021, respectively. After review, EPA received a request letter dated January 13, 2022, from the Massachusetts Department of Environmental Protection (MassDEP) for EPA to issue a Consistency Determination for the Revere Copper - Bulkhead Improvements project.

The work described in the Phase I and Phase II Revere Copper - Bulkhead Improvements work plans consists of the installation of sheet and anchor piles and conventional over sheeting of the existing failed timber and steel sheet piling, thus allowing for the removal of approximately 200,000 square feet / 66,000 cubic yards of contaminated sediment to occur as part of the future NBPA Phase V dredging project.

- The proposed 990 linear feet of sheet pile bulkhead would be installed approximately one foot seaward of the existing failed bulkhead system along the majority of proposed bulkhead, with the proposed anchoring systems landward of the sheeting to support the required site loads.
- For approximately 235 liner feet at the south end of the site, the proposed bulkhead will be installed at the top of the existing stone-lined bank, allowing for the removal of the existing stone fill, thus resulting in the restoration of approximately 4,000 square feet of open water.
- Once constructed, the NBPA or facility owner will apply to the MassDEP's Waterways Office for a Chapter 91 license to regulate the long-term operation and maintenance of the bulkhead.

Any additional dredging and disposal conducted as part of the NBPA Phase V dredging project will be the subject of separate work plans to be provided by MassDEP.

In accordance with Section V.C.7 of the Amendment to the Memorandum of Agreement between the Commonwealth, through MassDEP and EPA, dated October 2021, ("the 2021 Amended MOA) the Commonwealth, as the lead agency for the State Enhanced Remedy, is responsible for identifying the Performance Standards in coordination with the Regulatory Agencies and shall ensure that the SER work complies with those Performance Standards.

Under the Terms of Section V.C.2 of the 2021 Amended MOA, with this letter EPA determines that the proposed work described in the Phase I and Phase II Revere Copper - Bulkhead Improvements

workplans, as reviewed by EPA, does not conflict with nor is inconsistent with the remedy for the New Bedford Superfund Site. This determination is based solely on EPA's review of the Phase I and Phase II Revere Copper - Bulkhead Improvements workplans and may be modified should new information modify, amend, or alter the information presented in the Phase I and Phase II Revere Cooper - Bulkhead Improvement plans.

EPA expects MassDEP will provide additional information regarding subsequent stages of the NBPA Phase V dredging project work for future consistency determinations.

Thank you for working with EPA on this important enhancement project within the New Bedford Harbor Superfund Site.

#### Sincerely,

Digitally signed by ROBERT **ROBERT** CIANCIARULO

CIANCIARULO Date: 2022.01.23 10:01:17

Robert Cianciarulo, Chief Remediation Branch I Superfund and Emergency Management Division

#### **Enclosure**

#### Cc via email:

paul.craffey@state.ma.us diane.baxter@state.ma.us ceasar.duarte@newbedford-ma.gov burgo.natalie@epa.gov dickerson.dave@epa.gov peterson.david@epa.gov

#### **SER Resource Agencies:**

sabrina.pereira@noaa.gov marie.e.esten@usace.armv.mil kathryn.ford@mass.gov eileen.feeney@mass.gov david.janik@mass.gov robert.boeri@mass.gov samuel.haines@mass.gov simonetta.harrison@mass.gov molly sperduto@fws.gov



# Commonwealth of Massachusetts Executive Office of Energy & Environmental Affairs

## Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker Governor

Karyn E. Polito Lieutenant Governor Katherine A. Theoharides Secretary

Martin Suuberg
Commissioner

January 13, 2022

Letter sent electronically via email

Mr. Robert Cianciarulo Region 1 U.S. EPA Boston, MA

Re: Request letter for the EPA Consistency Determination for Revere Copper Bulkhead Improvements Project

Dear Mr. Cianciarulo;

MassDEP is requesting that EPA provide a Consistency Determination indicating that proposed work for the Revere Copper Bulkhead Improvements project does not conflict with the New Bedford Harbor Superfund Site 1998 Record of Decision (ROD) remedy and can be incorporated into Phase V of the State Enhanced Remedy (SER).

The Revere Copper Bulkhead Improvements Project has been proposed to be included as part of the Phase V SER dredging in New Bedford Harbor planned for 2023 by the New Bedford Harbor Port Authority (NBPA). The proposed project consists of bulkhead reconstruction/improvements to stabilize the shoreline to allow for the Phase V navigational dredging to be carried out in the area of the Harbor adjacent to the Revere Copper site. The proposed project is outlined in the attached letter from the NBPA's contractor that documents the technical factors that require the bulkhead work to be carried out as part of the SER dredging.

EPA has approved the Phase V navigational dredging associated with the Revere Copper project and MassDEP is now requesting that the proposed bulkhead work needed to implement the dredging also be approved as part of Phase V of the SER. As presented by the project proponent, dredging of approximately 66,000 cubic yards of contaminated sediment cannot occur if the shoreline bulkhead improvement does not proceed under the SER process. If the federal/state regulatory permit process was required for the bulkhead reconstruction/improvement, the delay in improving the bulkhead would prevent the Phase V dredging from being implemented due to funding requirements which necessitate dredging to be started in 2023. Specifically, the dredging is being funded through a time-sensitive grant from the Massachusetts Executive Office of Housing and Economic Development – Massworks Program (providing 80% of funding for Phase V dredging).

Page 2 January 13, 2022

Revere Copper Consistency Determination Request

If the EPA issues a Consistency Determination for the Revere Copper Bulkhead Improvements Project, MassDEP's Bureau of Waste Site Cleanup will oversee the environmental review of the planning and construction of the project through the SER process. Once constructed, the NBPA or the facility owner will apply to the MassDEP's Waterways Office for a Chapter 91 license which will regulate the long-term operation and maintenance of the bulkhead. As with all SER projects, the MassDEP will work with the NBPA/City of New Bedford under the MassDEP/NBPA Memorandum of Agreement (MOA) to implement the project.

MassDEP has determined, after review of the project Work Plan, that the proposed work meets the requirement of the ROD that the "...enhanced remedy shall not jeopardize or delay the overall implementation or funding of the selected remedy." Also, MassDEP will continue to appropriately oversee the environmental review of the project planning and construction per the requirements of the U.S.EPA/MassDEP MOA.

We appreciate your agency's work on this project and past navigational work completed under the Superfund process.

Sincerely yours,

Elizabeth Callahan, Acting Assistant Commissioner

Bureau of Waste Site Cleanup

Elzaheth Calleton

cc: Paul Craffey, MassDEP Diane Baxter, MassDEP Natalie Burgo, U.S. EPA Dave Dickerson, U.S. EPA