

Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
Massachusetts Environmental Policy Act (MEPA) Office

Environmental Notification Form

For Office Use Only

EEA#: _____

MEPA Analyst: _____

The information requested on this form must be completed in order to submit a document electronically for review under the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Martha's Vineyard Shipyard – C19196.01		
Street Address: 159 and 173 Beach Road		
Municipality: Tisbury	Watershed: Lagoon Pond	
Universal Transverse Mercator Coordinates:	Latitude: 47 deg 27' 15" Longitude: 70 deg 35' 44"	
Estimated commencement date: Fall 2020	Estimated completion date: Fall 2021	
Project Type: Construction and Re-dredging	Status of project design: 100 %complete	
Proponent: Martha's Vineyard Shipyard		
Street Address: 159 and 173 Beach Road		
Municipality: Tisbury	State: MA	Zip Code: 02568
Name of Contact Person: Charlie Agro		
Firm/Agency: Coastal Engineering Co., Inc.	Street Address: 260 Cranberry Hwy	
Municipality: Orleans	State: MA	Zip Code: 02653
Phone: 508-255-6511	Fax: 508-255-6700	E-mail: cagro@coastalengineeringcompany.com

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No

If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you requesting:

a Single EIR? (see 301 CMR 11.06(8)) Yes No
a Special Review Procedure? (see 301CMR 11.09) Yes No
a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
a Phase I Waiver? (see 301 CMR 11.11) Yes No
(Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)

Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)?
11.03(3)(b)(1)(a) and 11.03(3)(b)(1)(f)

Which State Agency Permits will the project require?
Local OOC, and DEP Waterways Chapter 91/WQC Combo
Identify any financial assistance or land transfer from an Agency of the Commonwealth, including the Agency name and the amount of funding or land area in acres: Not Applicable

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	3.18+/-		
New acres of land altered		0 (all land being altered was previously altered)	
Acres of impervious area	0.90+/-	-0.18+/-	0.72+/-
Square feet of new bordering vegetated wetlands alteration		0.000	
Square feet of new other wetland alteration		74,140 (Re-dredging)	
Acres of new non-water dependent use of tidelands or waterways		0.000	
STRUCTURES			
Gross square footage	33,888	-15,890	17,998
Number of housing units	0	0	0
Maximum height (feet)	25'+/- (above slab)	3'	27.5'+/- (above slab)
TRANSPORTATION			
Vehicle trips per day	N/A	N/A	N/A
Parking spaces	N/A	N/A	N/A
WASTEWATER			
Water Use (Gallons per day)	N/A	N/A	N/A
Water withdrawal (GPD)	N/A	N/A	N/A
Wastewater generation/treatment (GPD)	N/A	N/A	N/A
Length of water mains (miles)	N/A	N/A	N/A
Length of sewer mains (miles)	N/A	N/A	N/A
<p>Has this project been filed with MEPA before? <input type="checkbox"/> Yes (EEA #_____) <input checked="" type="checkbox"/> No</p>			
<p>Has any project on this site been filed with MEPA before? <input type="checkbox"/> Yes (EEA #_____) <input checked="" type="checkbox"/> No</p>			

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION:

Describe the existing conditions and land uses on the project site:

The Martha's Vineyard Shipyard has been located at 159 and 173 Beach Road in the Town of Tisbury, MA, adjacent to Lagoon Pond in Tisbury, MA (Martha's Vineyard) for over 100 years. The Martha's Vineyard Shipyard Facility is composed of one parcel located on the north-west side of Beach Road (that provide access to Vineyard Haven) and two parcels located on the south-east side of Beach Road (that provide access to Lagoon Pond). The existing project site is currently developed with 4 warehouse buildings used for seasonal storage of vessels, two concrete boat ramps, a seasonal floating dock, fixed pier, a rip-rap (6-9" stone) armored slope along the shoreline, and dirt/gravel driveways and parking areas. Currently the use of the property is to seasonally launch and haul vessels, provide service (mechanical, cleaning etc.) to vessels, and store vessels during the off-season.

Describe the proposed project and its programmatic and physical elements:

The proposed shorefront modifications include: installing two piers/ramps/ floating dock systems, two finger floats adjacent to the existing boat ramps; a zone of float reconfiguration; an offshore pile to mark the channel entrance and provide a nesting habitat for osprey; and re-dredging (in the previously dredged area) around the area of the slips as well as the approach to the existing navigational channel. The proposed upland modifications include: removal of two existing warehouse buildings; re-grading; and constructing a new smaller warehouse building and formal parking areas (within the footprint of the removed warehouses and existing parking areas). (See attached Project Narrative and attached plans for further detail).

NOTE: The project description should summarize both the project's direct and indirect impacts (including construction period impacts) in terms of their magnitude, geographic extent, duration and frequency, and reversibility, as applicable. It should also discuss the infrastructure requirements of the project and the capacity of the municipal and/or regional infrastructure to sustain these requirements into the future.

Describe the on-site project alternatives (and alternative off-site locations, if applicable), considered by the proponent, including at least one feasible alternative that is allowed under current zoning, and the reasons(s) that they were not selected as the preferred alternative:

(See attached Alternatives Analysis).

NOTE: The purpose of the alternatives analysis is to consider what effect changing the parameters and/or siting of a project, or components thereof, will have on the environment, keeping in mind that the objective of the MEPA review process is to avoid or minimize damage to the environment to the greatest extent feasible. Examples of alternative projects include alternative site locations, alternative site uses, and alternative site configurations.

Summarize the mitigation measures proposed to offset the impacts of the preferred alternative:

The proposed project involves a proposed shellfish mitigation (See attached Project Narrative and shellfish sustainability statement for further detail).

If the project is proposed to be constructed in phases, please describe each phase:

The project is proposed to be constructed continuously in roughly five phases: 1) Warehouse buildings removed; 2) Dredging preformed; 3) Site regrading (with dredged material); 4) Floating docks will be pre-fabricated offsite while the pier, parking area and building are constructed; and 5) Drive piles, install floats and hook the docks up with electric and water. (See attached Project Narrative for further detail).

AREAS OF CRITICAL ENVIRONMENTAL CONCERN:

Is the project within or adjacent to an Area of Critical Environmental Concern?

Yes _____
 No

If yes, does the ACEC have an approved Resource Management Plan? ___ Yes ___ No;
If yes, describe how the project complies with this plan.

N/A

Will there be stormwater runoff or discharge to the designated ACEC? ___ Yes X No;
If yes, describe and assess the potential impacts of such stormwater runoff/discharge to the designated ACEC.

N/A

RARE SPECIES:

Does the project site include Estimated and/or Priority Habitat of State-Listed Rare Species? (see http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/priority_habitat_home.htm)

Yes (Specify: See attached determination letter from NHESP) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES:

Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify: Martha's Vineyard American Revolution Battlefield historic district (MACRIS# TIS.F)) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources? Yes (Specify _____) No

WATER RESOURCES:

Is there an Outstanding Resource Water (ORW) on or within a half-mile radius of the project site? ___ Yes X No;

if yes, identify the ORW and its location. _____

(NOTE: Outstanding Resource Waters include Class A public water supplies, their tributaries, and bordering wetlands; active and inactive reservoirs approved by MassDEP; certain waters within Areas of Critical Environmental Concern, and certified vernal pools. Outstanding resource waters are listed in the Surface Water Quality Standards, 314 CMR 4.00.)

Are there any impaired water bodies on or within a half-mile radius of the project site? X Yes ___ No; if yes, identify the water body and pollutant(s) causing the impairment: Lagoon Pond, Fecal Coliform

Is the project within a medium or high stress basin, as established by the Massachusetts Water Resources Commission? ___ Yes X No

STORMWATER MANAGEMENT:

Generally describe the project's stormwater impacts and measures that the project will take to comply with the standards found in MassDEP's Stormwater Management Regulations:

A greatly improved storm water management system is proposed for management, treatment and recharge of stormwater runoff from the improved, regraded parking areas and new building roof. As a result of the proposed upland site improvements the impervious coverage area on the property will be reduced. The resulting net reduction in impervious area within the project site 7,500 +/- S.F. A proposed vegetated buffer on the seaward edge of the existing parking area will increase low density pollution prevention and stabilization of the slope located between the parking area and resource areas further enhancing the storm water management. The reduction of the impervious area and implementation of planting areas on site will prevent the direct flow of rain runoff into Lagoon Pond which will help improve water quality of the pond.

MASSACHUSETTS CONTINGENCY PLAN:

Has the project site been, or is it currently being, regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? Yes ___ No X; if yes, please describe the current status of the site (including Release Tracking Number (RTN), cleanup phase, and Response Action Outcome classification):

Is there an Activity and Use Limitation (AUL) on any portion of the project site? Yes ___ No X; if yes, describe which portion of the site and how the project will be consistent with the AUL:

_____.

Are you aware of any Reportable Conditions at the property that have not yet been assigned an RTN? Yes ___ No X; if yes, please describe: _____

SOLID AND HAZARDOUS WASTE:

If the project will generate solid waste during demolition or construction, describe alternatives considered for re-use, recycling, and disposal of, e.g., asphalt, brick, concrete, gypsum, metal, wood: _____

(NOTE: Asphalt pavement, brick, concrete and metal are banned from disposal at Massachusetts landfills and waste combustion facilities and wood is banned from disposal at Massachusetts landfills. See 310 CMR 19.017 for the complete list of banned materials.)

Will your project disturb asbestos containing materials? Yes ___ No X Unknown; if yes, please consult state asbestos requirements at <http://mass.gov/MassDEP/air/asbhom01.htm>

Describe anti-idling and other measures to limit emissions from construction equipment:

All equipment and machinery to use anti-idling techniques to limit emissions. All equipment and machinery to be inspected daily for fluid leaks.

DESIGNATED WILD AND SCENIC RIVER:

Is this project site located wholly or partially within a defined river corridor of a federally designated Wild and Scenic River or a state designated Scenic River? Yes ___ No X; if yes, specify name of river and designation:

If yes, does the project have the potential to impact any of the "outstandingly remarkable" resources of a federally Wild and Scenic River or the stated purpose of a state designated Scenic River?

Yes ___ No ___; if yes, specify name of river and designation: _____;

if yes, will the project result in any impacts to any of the designated "outstandingly remarkable" resources of the Wild and Scenic River or the stated purposes of a Scenic River.

Yes ___ No ___;

if yes, describe the potential impacts to one or more of the "outstandingly remarkable" resources or stated purposes and mitigation measures proposed.

ATTACHMENTS:

1. List of all attachments to this document.
2. U.S.G.S. map (good quality color copy, 8-½ x 11 inches or larger, at a scale of 1:24,000) indicating the project location and boundaries.
- 3.. Plan, at an appropriate scale, of existing conditions on the project site and its immediate environs, showing all known structures, roadways and parking lots, railroad rights-of-way, wetlands and water bodies, wooded areas, farmland, steep slopes, public open spaces, and major utilities.
- 4 Plan, at an appropriate scale, depicting environmental constraints on or adjacent to the project site such as Priority and/or Estimated Habitat of state-listed rare species, Areas of Critical Environmental Concern, Chapter 91 jurisdictional areas, Article 97 lands, wetland resource area delineations, water supply protection areas, and historic resources and/or districts.
5. Plan, at an appropriate scale, of proposed conditions upon completion of project (if construction of the project is proposed to be phased, there should be a site plan showing conditions upon the completion of each phase).
6. List of all agencies and persons to whom the proponent circulated the ENF, in accordance with 301 CMR 11.16(2).
7. List of municipal and federal permits and reviews required by the project, as applicable.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

- A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1))
 Yes No; if yes, specify each threshold:

II. Impacts and Permits

- A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	<u>0.77</u>	<u>-0.35</u>	<u>0.42</u>
Internal roadways	<u>0.28</u>	<u>0</u>	<u>0.28</u>
Parking and other paved areas	<u>0.12</u>	<u>0.35</u>	<u>0.47</u>
Other altered areas	<u>0.31</u>	<u>1.70</u>	<u>2.01</u>
Undeveloped areas	<u>0</u>	<u>0</u>	<u>0</u>
Total: Project Site Acreage	<u>1.48</u>	<u>1.70</u>	<u>3.18</u>

- B. Has any part of the project site been in active agricultural use in the last five years?
 Yes No; if yes, how many acres of land in agricultural use (with prime state or locally important agricultural soils) will be converted to nonagricultural use?
- C. Is any part of the project site currently or proposed to be in active forestry use?
 Yes No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a forest management plan approved by the Department of Conservation and Recreation:
- D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? Yes No; if yes, describe:
- E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? Yes No; if yes, does the project involve the release or modification of such restriction?
 Yes No; if yes, describe:
- F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? Yes No; if yes, describe:
- G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes No ; if yes, describe:

III. Consistency

- A. Identify the current municipal comprehensive land use plan
Title: Tisbury Master Plan Date: August 19, 2005
- B. Describe the project's consistency with that plan with regard to:
- 1) economic development Sustained working waterfront has long been intended in this area, with recreational boating services and space. More recently, retaining this activity and adapting for climate change has been needed; Increased slip area and safer accessibility of the approach to the navigational channel will increase the boating activity at the shipyard to provide additional revenue for the shipyard and surrounding businesses to sustain fluxuations in traditional marine working waterfront activity in the town.
 - 2) adequacy of infrastructure The proposed buildings, parking lots, piers, ramps and docks will meet current industry standards and provide adaptation to climate change and

storm water management improvements.

3) open space impacts The proposed storm water management system will prevent the direct flow of rain runoff into Lagoon Pond which will help improve water quality of the pond and reduce erosions due to the vegetated buffer. No land open space is lost and more public access to the waterway open space is gained.

4) compatibility with adjacent land uses The proposed buildings, parking lots, piers, ramps and docks will be aesthetically consistent with the surroundings, as are the proposed uses.

- C. Identify the current Regional Policy Plan of the applicable Regional Planning Agency (RPA)
RPA: Martha's Vineyard Commission

Title: Martha's Vineyard Island Plan

Date: Adopted December 10, 2009

- D. Describe the project's consistency with that plan with regard to:

1) economic development Sustaining working waterfront is consistent with the plan, as is increased slip area and safer accessibility of the approach to the navigational channel will increase the boating activity and amount of slip owners at the shipyard raising revenue for the shipyard and surrounding businesses in the town. Adapting to climate change is consistent also.

2) adequacy of infrastructure The proposed buildings, parking lots, piers, ramps and docks will meet current industry standards and improve storm water management

3) open space impacts The proposed storm water management system will prevent the direct flow of rain runoff into Lagoon Pond which will help improve water quality of the pond and reduce impacts to the vegetated buffer.

RARE SPECIES SECTION

I. Thresholds / Permits

- A. Will the project meet or exceed any review thresholds related to **rare species or habitat** (see 301 CMR 11.03(2))? ___ Yes X No; if yes, specify, in quantitative terms:

(NOTE: If you are uncertain, it is recommended that you consult with the Natural Heritage and Endangered Species Program (NHESP) prior to submitting the ENF.)

- B. Does the project require any state permits related to **rare species or habitat**? X Yes ___ No
- C. Does the project site fall within mapped rare species habitat (Priority or Estimated Habitat?) in the current Massachusetts Natural Heritage Atlas (attach relevant page)? X Yes ___ No.
- D. If you answered "No" to all questions A, B and C, proceed to the **Wetlands, Waterways, and Tidelands Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Rare Species section below.

II. Impacts and Permits

- A. Does the project site fall within Priority or Estimated Habitat in the current Massachusetts Natural Heritage Atlas (attach relevant page)? X Yes ___ No. If yes,
1. Have you consulted with the Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program (NHESP)? X Yes ___ No; if yes, have you received a determination as to whether the project will result in the "take" of a rare species? X Yes ___ No; if yes, attach the letter of determination to this submission.
2. Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ___ Yes X No; if yes, provide a summary of proposed measures to minimize and mitigate rare species impacts

3. Which rare species are known to occur within the Priority or Estimated Habitat?

According to US Fish and Wildlife Services the project area may contain the following rare terrestrial and aquatic species: Northern Long-Eared Bat, Red Knot, Roseate Tern, Short-nose & Atlantic Sturgeon, Atlantic Large Whales, and Sea Turtles. According to MASSGIS Oliver the project location falls within Priority Habitat 163. (See attached determination letter from NHESP and US Fish & Wildlife Services)

4. Has the site been surveyed for rare species in accordance with the Massachusetts Endangered Species Act? ___ Yes X No

4. If your project is within Estimated Habitat, have you filed a Notice of Intent or received an Order of Conditions for this project? X Yes ___ No; if yes, did you send a copy of the Notice of Intent to the Natural Heritage and Endangered Species Program, in accordance with the Wetlands Protection Act regulations? X Yes ___ No

B. Will the project "take" an endangered, threatened, and/or species of special concern in accordance with M.G.L. c.131A (see also 321 CMR 10.04)? ___ Yes X No; if yes, provide a summary of proposed measures to minimize and mitigate impacts to significant habitat:

WETLANDS, WATERWAYS, AND TIDELANDS SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **wetlands, waterways, and tidelands** (see 301 CMR 11.03(3))? X Yes ___ No; if yes, specify, in quantitative terms:

11.03(3)(b)(1)(a): Alteration of barrier beach

11.03(3)(b)(1)(f): Alteration of 1/2 acre or more of any other wetlands.

B. Does the project require any state permits (or a local Order of Conditions) related to **wetlands, waterways, or tidelands**? X Yes ___ No; if yes, specify which permit: *Local Order of Conditions, MassDEP Chapter 91 Waterways, MassDEP Water Quality Certification, Army Corp Of Engineers General Permit.*

C. If you answered "No" to both questions A and B, proceed to the **Water Supply Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Wetlands, Waterways, and Tidelands Section below.

II. Wetlands Impacts and Permits

A. Does the project require a new or amended Order of Conditions under the Wetlands Protection Act (M.G.L. c.131A)? X Yes ___ No; if yes, has a Notice of Intent been filed? X Yes ___ No; if yes, list the date and MassDEP file number: *Filed 08/26/2019, SE 74-0883*; if yes, has a local Order of Conditions been issued? ___ Yes X No; Was the Order of Conditions appealed? ___ Yes X No. Will the project require a Variance from the Wetlands regulations? ___ Yes X No.

B. Describe any proposed permanent or temporary impacts to wetland resource areas located on the project site:

The proposed project shorefront modifications involve: the installation of 2 piers/ramps/ floating dock systems; two finger floats adjacent to the existing boat ramp; a zone float reconfiguration; an offshore pile and the re-dredging of the area around the slips and in the existing navigation channel. These modifications will be occurring within the Land Under the Ocean and will be permanent, or relatively permanent in the case of the re-dredging, as natural sedimentation will change the dredged footprint overtime. The proposed project upland modifications involve: removal of the two existing warehouses; re-grading; and construction of a new smaller warehouse building and formal parking area. These modifications will be occurring within the Land Subject to Coastal Storm Flowage and will be permanent. A small portion of the Coastal Beach falls within the access for the site but any impacts that occur to this Coastal Beach will be temporary and resolved upon the completion of the project. (See attached Project Narrative for further detail).

C. Estimate the extent and type of impact that the project will have on wetland resources, and indicate whether the impacts are temporary or permanent:

<u>Coastal Wetlands</u>	<u>Area (square feet) or Length (linear feet)</u>	<u>Temporary or Permanent Impact?</u>
Land Under the Ocean	<u>74,140 S.F.</u>	<u>Permanent</u>
Designated Port Areas	<u>0</u>	<u></u>
Coastal Beaches	<u>11 S.F.</u>	<u>Temporary (access)</u>
Coastal Dunes	<u>0</u>	<u></u>
Barrier Beaches	<u>0</u>	<u></u>
Coastal Banks	<u>0</u>	<u></u>
Rocky Intertidal Shores	<u>0</u>	<u></u>
Salt Marshes	<u>0</u>	<u></u>

Land Under Salt Ponds	0	_____
Land Containing Shellfish	74,140 S.F.	_____ <i>Temporary</i>
Fish Runs	0	_____
Land Subject to Coastal Storm Flowage	34,211 S.F.	_____ <i>Permanent</i>

Inland Wetlands

Bank (lf)	0	_____
Bordering Vegetated Wetlands	0	_____
Isolated Vegetated Wetlands	0	_____
Land under Water	0	_____
Isolated Land Subject to Flooding	0	_____
Bordering Land Subject to Flooding	0	_____
Riverfront Area	0	_____

D. Is any part of the project:

1. proposed as a **limited project**? ___ Yes X No; if yes, what is the area (in sf)? _____
2. the construction or alteration of a **dam**? ___ Yes X No; if yes, describe: _____
3. fill or structure in a **velocity zone** or **regulatory floodway**? ___ Yes x No
4. dredging or disposal of dredged material? X Yes ___ No; if yes, describe the volume of dredged material and the proposed disposal site: _____

The proposed dredge volume (to 1 ft over-dig) is 4,700 C.Y. The dredge material will be used to re-grade the proposed upland area before construction.

5. a discharge to an **Outstanding Resource Water (ORW)** or an **Area of Critical Environmental Concern (ACEC)**? ___ Yes X No
6. subject to a wetlands restriction order? ___ Yes X No; if yes, identify the area (in sf): _____
7. located in buffer zones? X Yes ___ No; if yes, how much (in sf) 19,800+/- s.f.(100ft buffer to coastal beach).

E. Will the project:

1. be subject to a local wetlands ordinance or bylaw? X Yes ___ No
2. alter any federally-protected wetlands not regulated under state law? ___ Yes X No; if yes, what is the area (sf)? _____

III. Waterways and Tidelands Impacts and Permits

A. Does the project site contain waterways or tidelands (including filled former tidelands) that are subject to the Waterways Act, M.G.L.c.91? X Yes ___ No; if yes, is there a current Chapter 91 License or Permit affecting the project site? X Yes ___ No; if yes, list the date and license or permit number and provide a copy of the historic map used to determine extent of filled tidelands:

Existing Licenses:

1. MA DEP Lic.# 295 dated April 4, 1977
2. MA DEP Lic.# 2351 dated May 10, 1990
3. MA DEP Lic.# 13876 dated June 30, 2015
4. MA DEP Lic.# 14330 dated March 07,2017

B. Does the project require a new or modified license or permit under M.G.L.c.91? X Yes ___ No; if yes, how many acres of the project site subject to M.G.L.c.91 will be for non-water-dependent use? Current 0 Change 0 Total 0
If yes, how many square feet of solid fill or pile-supported structures (in sf)? _____

C. For non-water-dependent use projects, indicate the following:

Area of filled tidelands on the site: _____

Area of filled tidelands covered by buildings: _____

For portions of site on filled tidelands, list ground floor uses and area of each use:

Does the project include new non-water-dependent uses located over flowed tidelands?

Yes ___ No ___

Height of building on filled tidelands _____

Also show the following on a site plan: Mean High Water, Mean Low Water, Water-dependent Use Zone, location of uses within buildings on tidelands, and interior and exterior areas and facilities dedicated for public use, and historic high and historic low water marks.

D. Is the project located on landlocked tidelands? ___ Yes X No; if yes, describe the project's impact on the public's right to access, use and enjoy jurisdictional tidelands and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

E. Is the project located in an area where low groundwater levels have been identified by a municipality or by a state or federal agency as a threat to building foundations? ___ Yes X No; if yes, describe the project's impact on groundwater levels and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:

F. Is the project non-water-dependent **and** located on landlocked tidelands **or** waterways or tidelands subject to the Waterways Act **and** subject to a mandatory EIR? ___ Yes X No;
(NOTE: If yes, then the project will be subject to Public Benefit Review and Determination.)

G. Does the project include dredging? X Yes ___ No; if yes, answer the following questions:
What type of dredging? Improvement ___ Maintenance X Both ___
What is the proposed dredge volume, in cubic yards (cys) 4,700 C.Y.
What is the proposed dredge footprint:
N/A length (ft) N/A width (ft) -5.21 (re. NAVD88) depth (ft);

The dredge footprint is not rectangular as the above dimensions suggest (See attached Dredging plan for further detail).

Will dredging impact the following resource areas?

Intertidal Yes ___ No X; if yes, ___ sq ft

Outstanding Resource Waters Yes ___ No X; if yes, ___ sq ft

Other resource area (i.e. shellfish beds, eel grass beds) Yes X No ___; if yes 74,086 sq ft

If yes to any of the above, have you evaluated appropriate and practicable steps to: 1) avoidance; 2) if avoidance is not possible, minimization; 3) if either avoidance or minimize is not possible, mitigation?

Minimization has been exercised by moving the dredge footprint of the navigation channel from its original location which contained shellfish to another location containing much less shellfish.

If no to any of the above, what information or documentation was used to support this determination? MassGIS Oliver, Hydrographic Survey

Provide a comprehensive analysis of practicable alternatives for improvement dredging in accordance with 314 CMR 9.07(1)(b). Physical and chemical data of the sediment shall be included in the comprehensive analysis.

N/A, this project is for maintenance dredging.

Sediment Characterization

Existing gradation analysis results? X Yes ___ No: if yes, provide results.
Existing chemical results for parameters listed in 314 CMR 9.07(2)(b)6? ___ Yes
 X No; if yes, provide results.

Chemical analysis of sediment not required because it contained less than 10% fines.

Do you have sufficient information to evaluate feasibility of the following management options for dredged sediment? If yes, check the appropriate option.

Beach Nourishment X
Unconfined Ocean Disposal ___
Confined Disposal:
 Confined Aquatic Disposal (CAD) ___
 Confined Disposal Facility (CDF) ___
Landfill Reuse in accordance with COMM-97-001 ___
Shoreline Placement X
Upland Material Reuse X
In-State landfill disposal X
Out-of-state landfill disposal ___

(NOTE: This information is required for a 401 Water Quality Certification.)

Note: The dredged sediment is beach nourishment compatible because it was determined to contain less than 10% fines. The dredged sediment will be re-used on site for the proposed regrading. Excess dredged sediment will be trucked to a nearby beach that is already permitted for beach nourishment, or a pre-approved upland disposal site.

IV. Consistency:

A. Does the project have effects on the coastal resources or uses, and/or is the project located within the Coastal Zone? X Yes ___ No; if yes, describe these effects and the projects consistency with the policies of the Office of Coastal Zone Management:

(See attached CZM Consistency Statement)

B. Is the project located within an area subject to a Municipal Harbor Plan? ___ Yes X No; if yes, identify the Municipal Harbor Plan and describe the project's consistency with that plan:

WATER SUPPLY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **water supply** (see 301 CMR 11.03(4))? ___ Yes X No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **water supply**? ___ Yes X No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Wastewater Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Water Supply Section below.

II. Impacts and Permits

A. Describe, in gallons per day (gpd), the volume and source of water use for existing and proposed activities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Municipal or regional water supply	_____	_____	_____
Withdrawal from groundwater	_____	_____	_____
Withdrawal from surface water	_____	_____	_____
Interbasin transfer	_____	_____	_____

(NOTE: Interbasin Transfer approval will be required if the basin and community where the proposed water supply source is located is different from the basin and community where the wastewater from the source will be discharged.)

B. If the source is a municipal or regional supply, has the municipality or region indicated that there is adequate capacity in the system to accommodate the project? ___ Yes ___ No

C. If the project involves a new or expanded withdrawal from a groundwater or surface water source, has a pumping test been conducted? ___ Yes ___ No; if yes, attach a map of the drilling sites and a summary of the alternatives considered and the results. _____

D. What is the currently permitted withdrawal at the proposed water supply source (in gallons per day)? _____ Will the project require an increase in that withdrawal? ___ Yes ___ No; if yes, then how much of an increase (gpd)? _____

E. Does the project site currently contain a water supply well, a drinking water treatment facility, water main, or other water supply facility, or will the project involve construction of a new facility? ___ Yes ___ No. If yes, describe existing and proposed water supply facilities at the project site:

	<u>Permitted Flow</u>	<u>Existing Avg Daily Flow</u>	<u>Project Flow</u>	<u>Total</u>
Capacity of water supply well(s) (gpd)	_____	_____	_____	_____
Capacity of water treatment plant (gpd)	_____	_____	_____	_____

F. If the project involves a new interbasin transfer of water, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or proposed?

G. Does the project involve:

1. new water service by the Massachusetts Water Resources Authority or other agency of the Commonwealth to a municipality or water district? ___ Yes ___ No
2. a Watershed Protection Act variance? ___ Yes ___ No; if yes, how many acres of alteration?
3. a non-bridged stream crossing 1,000 or less feet upstream of a public surface drinking water supply for purpose of forest harvesting activities? ___ Yes ___ No

III. Consistency

Describe the project's consistency with water conservation plans or other plans to enhance water resources, quality, facilities and services:

WASTEWATER SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **wastewater** (see 301 CMR 11.03(5))? ___ Yes X No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **wastewater**? ___ Yes X No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Transportation -- Traffic Generation Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Wastewater Section below.

II. Impacts and Permits

A. Describe the volume (in gallons per day) and type of disposal of wastewater generation for existing and proposed activities at the project site (calculate according to 310 CMR 15.00 for septic systems or 314 CMR 7.00 for sewer systems):

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Discharge of sanitary wastewater	_____	_____	_____
Discharge of industrial wastewater	_____	_____	_____
TOTAL	_____	_____	_____

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Discharge to groundwater	_____	_____	_____
Discharge to outstanding resource water	_____	_____	_____
Discharge to surface water	_____	_____	_____
Discharge to municipal or regional wastewater facility	_____	_____	_____
TOTAL	_____	_____	_____

B. Is the existing collection system at or near its capacity? ___ Yes ___ No; if yes, then describe the measures to be undertaken to accommodate the project's wastewater flows:

C. Is the existing wastewater disposal facility at or near its permitted capacity? ___ Yes ___ No; if yes, then describe the measures to be undertaken to accommodate the project's wastewater flows:

D. Does the project site currently contain a wastewater treatment facility, sewer main, or other wastewater disposal facility, or will the project involve construction of a new facility? ___ Yes ___ No; if yes, describe as follows:

	<u>Permitted</u>	<u>Existing Avg Daily Flow</u>	<u>Project Flow</u>	<u>Total</u>
Wastewater treatment plant capacity (in gallons per day)	_____	_____	_____	_____

E. If the project requires an interbasin transfer of wastewater, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or new?

(NOTE: Interbasin Transfer approval may be needed if the basin and community where wastewater will be discharged is different from the basin and community where the source of water supply is located.)

F. Does the project involve new sewer service by the Massachusetts Water Resources Authority (MWRA) or other Agency of the Commonwealth to a municipality or sewer district? ___ Yes ___ No

G. Is there an existing facility, or is a new facility proposed at the project site for the storage, treatment, processing, combustion or disposal of sewage sludge, sludge ash, grit, screenings, wastewater reuse (gray water) or other sewage residual materials? ___ Yes ___ No; if yes, what is the capacity (tons per day):

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Storage	_____	_____	_____
Treatment	_____	_____	_____
Processing	_____	_____	_____
Combustion	_____	_____	_____
Disposal	_____	_____	_____

H. Describe the water conservation measures to be undertaken by the project, and other wastewater mitigation, such as infiltration and inflow removal.

III. Consistency

A. Describe measures that the proponent will take to comply with applicable state, regional, and local plans and policies related to wastewater management:

B. If the project requires a sewer extension permit, is that extension included in a comprehensive wastewater management plan? ___ Yes ___ No; if yes, indicate the EEA number for the plan and whether the project site is within a sewer service area recommended or approved in that plan:

TRANSPORTATION SECTION (TRAFFIC GENERATION)

I. Thresholds / Permit

A. Will the project meet or exceed any review thresholds related to **traffic generation** (see 301 CMR 11.03(6))? Yes No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **state-controlled roadways**? Yes No; if yes, specify which permit:

State Access Permit

C. If you answered "No" to both questions A and B, proceed to the **Roadways and Other Transportation Facilities Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Traffic Generation Section below.

II. Traffic Impacts and Permits

A. Describe existing and proposed vehicular traffic generated by activities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Number of parking spaces	_____	_____	_____
Number of vehicle trips per day	_____	_____	_____
ITE Land Use Code(s):	_____	_____	_____

B. What is the estimated average daily traffic on roadways serving the site?

	<u>Roadway</u>	<u>Existing</u>	<u>Change</u>	<u>Total</u>
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____

C. If applicable, describe proposed mitigation measures on state-controlled roadways that the project proponent will implement:

D. How will the project implement and/or promote the use of transit, pedestrian and bicycle facilities and services to provide access to and from the project site?

C. Is there a Transportation Management Association (TMA) that provides transportation demand management (TDM) services in the area of the project site? Yes No; if yes, describe if and how will the project will participate in the TMA:

D. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation facilities? Yes No; if yes, generally describe:

E. If the project will penetrate approach airspace of a nearby airport, has the proponent filed a Massachusetts Aeronautics Commission Airspace Review Form (780 CMR 111.7) and a Notice of Proposed Construction or Alteration with the Federal Aviation Administration (FAA) (CFR Title 14 Part 77.13, forms 7460-1 and 7460-2)?

III. Consistency

Describe measures that the proponent will take to comply with municipal, regional, state, and federal plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services:

TRANSPORTATION SECTION (ROADWAYS AND OTHER TRANSPORTATION FACILITIES)

I. Thresholds

A. Will the project meet or exceed any review thresholds related to **roadways or other transportation facilities** (see 301 CMR 11.03(6))? ___ Yes X No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **roadways or other transportation facilities**? ___ Yes X No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Energy Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Roadways Section below.

II. Transportation Facility Impacts

A. Describe existing and proposed transportation facilities in the immediate vicinity of the project site:

B. Will the project involve any

- 1. Alteration of bank or terrain (in linear feet)? _____
- 2. Cutting of living public shade trees (number)? _____
- 3. Elimination of stone wall (in linear feet)? _____

III. Consistency -- Describe the project's consistency with other federal, state, regional, and local plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services, including consistency with the applicable regional transportation plan and the Transportation Improvements Plan (TIP), the State Bicycle Plan, and the State Pedestrian Plan:

ENERGY SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **energy** (see 301 CMR 11.03(7))?
___ Yes X No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **energy**? ___ Yes X No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Air Quality Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Energy Section below.

II. Impacts and Permits

A. Describe existing and proposed energy generation and transmission facilities at the project site:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Capacity of electric generating facility (megawatts)	_____	_____	_____
Length of fuel line (in miles)	_____	_____	_____
Length of transmission lines (in miles)	_____	_____	_____
Capacity of transmission lines (in kilovolts)	_____	_____	_____

B. If the project involves construction or expansion of an electric generating facility, what are:

1. the facility's current and proposed fuel source(s)?
2. the facility's current and proposed cooling source(s)?

C. If the project involves construction of an electrical transmission line, will it be located on a new, unused, or abandoned right of way? ___Yes ___No; if yes, please describe:

D. Describe the project's other impacts on energy facilities and services:

III. Consistency

Describe the project's consistency with state, municipal, regional, and federal plans and policies for enhancing energy facilities and services:

AIR QUALITY SECTION

I. Thresholds

A. Will the project meet or exceed any review thresholds related to **air quality** (see 301 CMR 11.03(8))? ___ Yes X No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **air quality**? ___ Yes X No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Solid and Hazardous Waste Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Air Quality Section below.

II. Impacts and Permits

A. Does the project involve construction or modification of a major stationary source (see 310 CMR 7.00, Appendix A)? ___ Yes ___ No; if yes, describe existing and proposed emissions (in tons per day) of:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Particulate matter	_____	_____	_____
Carbon monoxide	_____	_____	_____
Sulfur dioxide	_____	_____	_____
Volatile organic compounds	_____	_____	_____
Oxides of nitrogen	_____	_____	_____
Lead	_____	_____	_____
Any hazardous air pollutant	_____	_____	_____
Carbon dioxide	_____	_____	_____

B. Describe the project's other impacts on air resources and air quality, including noise impacts:

III. Consistency

A. Describe the project's consistency with the State Implementation Plan:

B. Describe measures that the proponent will take to comply with other federal, state, regional, and local plans and policies related to air resources and air quality:

SOLID AND HAZARDOUS WASTE SECTION

I. Thresholds / Permits

A. Will the project meet or exceed any review thresholds related to **solid or hazardous waste** (see 301 CMR 11.03(9))? ___ Yes X No; if yes, specify, in quantitative terms:

B. Does the project require any state permits related to **solid and hazardous waste**? ___ Yes X No; if yes, specify which permit:

C. If you answered "No" to both questions A and B, proceed to the **Historical and Archaeological Resources Section**. If you answered "Yes" to either question A or question B, fill out the remainder of the Solid and Hazardous Waste Section below.

II. Impacts and Permits

A. Is there any current or proposed facility at the project site for the storage, treatment, processing, combustion or disposal of solid waste? ___ Yes ___ No; if yes, what is the volume (in tons per day) of the capacity:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Storage	_____	_____	_____
Treatment, processing	_____	_____	_____
Combustion	_____	_____	_____
Disposal	_____	_____	_____

B. Is there any current or proposed facility at the project site for the storage, recycling, treatment or disposal of hazardous waste? ___ Yes ___ No; if yes, what is the volume (in tons or gallons per day) of the capacity:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Storage	_____	_____	_____
Recycling	_____	_____	_____
Treatment	_____	_____	_____
Disposal	_____	_____	_____

C. If the project will generate solid waste (for example, during demolition or construction), describe alternatives considered for re-use, recycling, and disposal:

D. If the project involves demolition, do any buildings to be demolished contain asbestos?
___ Yes ___ No

E. Describe the project's other solid and hazardous waste impacts (including indirect impacts):

III. Consistency

Describe measures that the proponent will take to comply with the State Solid Waste Master Plan:

HISTORICAL AND ARCHAEOLOGICAL RESOURCES SECTION

I. Thresholds / Impacts

A. Have you consulted with the Massachusetts Historical Commission? Yes No; if yes, attach correspondence. For project sites involving lands under water, have you consulted with the Massachusetts Board of Underwater Archaeological Resources? Yes No; if yes, attach correspondence

B. Is any part of the project site a historic structure, or a structure within a historic district, in either case listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? Yes No; if yes, does the project involve the demolition of all or any exterior part of such historic structure? Yes No; if yes, please describe:

C. Is any part of the project site an archaeological site listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? Yes No; if yes, does the project involve the destruction of all or any part of such archaeological site? Yes No; if yes, please describe:

D. If you answered "No" to all parts of both questions A, B and C, proceed to the **Attachments and Certifications** Sections. If you answered "Yes" to any part of either question A or question B, fill out the remainder of the Historical and Archaeological Resources Section below.

II. Impacts

Describe and assess the project's impacts, direct and indirect, on listed or inventoried historical and archaeological resources:

The proposed project is within the Martha's Vineyard American Revolution Battlefield historic district (MACRIS# TIS.F). The significance of this historic district is the architecture. The proposed project includes the demolition of the two existing commercial warehouse buildings which are not historic buildings and do not reflect the historic architecture in this area, therefore will not impact the historical or archaeological resources of the area.

III. Consistency

Describe measures that the proponent will take to comply with federal, state, regional, and local plans and policies related to preserving historical and archaeological resources:

The proposed project is within the Martha's Vineyard American Revolution Battlefield historic district; however; the proposed project does not include the demolition of any historic buildings or any architecturally significant buildings and only includes the demolition of the two commercial warehouse buildings currently at the Martha's Vineyard Shipyard. If any historic structure or archaeological items or resource areas are found during the construction of this project, all necessary federal, state, regional, and local officials will be notified.

CERTIFICATIONS:

1. The Public Notice of Environmental Review has been/will be published in the following newspapers in accordance with 301 CMR 11.15(1):

(Name) The Vineyard Gazette (Date) 11/01/19

2. This form has been circulated to Agencies and Persons in accordance with 301 CMR 11.16(2).

Signatures:

Date	Signature of Responsible Officer or Proponent	Date	Signature of person preparing NPC (if different from above)
10/29/19			

<u>Charlie A. Agro</u> Name (print or type)	<u></u> Name (print or type)
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<u>Coastal Engineering Co., Inc.</u> Firm/Agency	<u></u> Firm/Agency
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<u>260 Cranberry Highway</u> Street	<u></u> Street
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<u>Orleans, MA 02653</u> Municipality/State/Zip	<u></u> Municipality/State/Zip
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<u>508-255-6511</u> Phone	<u></u> Phone
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