

Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs ■ MEPA Office

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Executive Office of Environmental Affairs

MEPA Analyst:

Phone: 617-626-

Notice of Project Change

The information requested on this form must be completed to begin MEPA Review of a NPC in accordance with the provisions of the Massachusetts Environmental Policy Act and its implementing regulations (see 301 CMR 11.10(1)).

EEA # 15870		
Project Name: Plymouth Light Station Mixed Sediment Berm (a.k.a Plymouth Light Station Revetment)		
Street Address: Government Way		
Municipality: Plymouth	Watershed: South Coastal	
Universal Transverse Mercator Coordinates:	Latitude: 40°00' 11.11" N Longitude: 70° 36' 01.72" W	
Estimated commencement date: Fall 2022	Estimated completion date: Spring 2023	
Project Type: shore protection	Status of project design: 75 %complete	
Proponent: Project Gurnet & Bug Lights, Inc.		
Street Address: P.O. Box 2167		
Municipality: Duxbury	State: MA	Zip Code: 02331
Name of Contact Person: Stan Humphries		
Firm/Agency: Env. Consult. & Rest., LLC	Street Address: 26 Union Street	
Municipality: Plymouth	State: MA	Zip Code: 02361
Phone: 617-543-1654	Fax:	E-mail: stan@ecrwetlands.com
<p>With this Notice of Project Change, are you requesting:</p> <p>a Single EIR? (see 301 CMR 11.06(8)) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>a Special Review Procedure? (see 301CMR 11.09) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>a Waiver of mandatory EIR? (see 301 CMR 11.11) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>a Phase I Waiver? (see 301 CMR 11.11) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)? (3)(b)1.a. <i>alteration of coastal dune, barrier beach, or coastal bank</i></p> <p>Which State Agency Permits will the project require? <i>Chapter 91 Permit</i></p> <p>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: <u>N/A</u></p>		

PROJECT INFORMATION

In 25 words or less, what is the project change? The project change involves a mixed sediment berm backed by a low-crested revetment constructed landward of MHW and storage area located outside of NHESP jurisdiction.

See full project change description beginning on page 3.

Date of publication of availability of the ENF in the Environmental Monitor: (Date: 11-9-22)

Was an EIR required? Yes No; if yes,
was a Draft EIR filed? Yes (Date:) No
was a Final EIR filed? Yes (Date:) No
was a Single EIR filed? Yes (Date:) No

Have other NPCs been filed? Yes (Date(s):) No

If this is a NPC solely for lapse of time (see 301 CMR 11.10(2)) proceed directly to **ATTACHMENTS & SIGNATURES**.

PERMITS / FINANCIAL ASSISTANCE / LAND TRANSFER

List or describe all new or modified state permits, financial assistance, or land transfers not previously reviewed: **dd w/ list of State Agency Actions (e.g., Agency Project, Financial Assistance, Land Transfer, List of Permits)** No Water Quality Certification needed with proposed changes.

Are you requesting a finding that this project change is insignificant? A change in a Project is ordinarily insignificant if it results solely in an increase in square footage, linear footage, height, depth or other relevant measures of the physical dimensions of the Project of less than 10% over estimates previously reviewed, provided the increase does not meet or exceed any review thresholds. A change in a Project is also ordinarily insignificant if it results solely in an increase in impacts of less than 25% of the level specified in any review threshold, provided that cumulative impacts of the Project do not meet or exceed any review thresholds that were not previously met or exceeded. (see 301 CMR 11.10(6))

Yes No; if yes, provide an explanation of this request in the Project Change Description below.

FOR PROJECTS SUBJECT TO AN EIR

If the project requires the submission of an EIR, are you requesting that a Scope in a previously issued Certificate be rescinded?

Yes No; if yes, provide an explanation of this request: **see Attachment A**.

If the project requires the submission of an EIR, are you requesting a change to a Scope in a previously issued Certificate?

Yes No; if yes, provide an explanation of this request_____.

SUMMARY OF PROJECT CHANGE PARAMETERS AND IMPACTS

Summary of Project Size & Environmental Impacts	Previously reviewed	Net Change	Currently Proposed
LAND			
Total site acreage	4.5	0.5	5.0
Acres of land altered	0	0.6	0.6
Acres of impervious area	0	0	0
Square feet of bordering vegetated wetlands alteration	0	0	0
Square feet of other wetland alteration • Revetment on Coastal Bank	Not available 34,848	64,470 -24,829	64,470 10,019
Acres of non-water dependent use of tidelands or waterways	0	0	0
STRUCTURES			
Gross square footage	NA	NA	NA
Number of housing units	NA	NA	NA
Maximum height (in feet)	NA	NA	NA
TRANSPORTATION			
Vehicle trips per day	NA	NA	NA
Parking spaces	NA	NA	NA
WATER/WASTEWATER			
Gallons/day (GPD) of water use	NA	NA	NA
GPD water withdrawal	NA	NA	NA
GPD wastewater generation/ treatment	NA	NA	NA
Length of water/sewer mains (in miles)	NA	NA	NA

Does the project change involve any new or modified:

1. conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97? Yes No
2. release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction? Yes No
3. impacts on Rare Species? Yes No
4. demolition of all or part of 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 No
5. impact upon an Area of Critical Environmental Concern? Yes No

If you answered 'Yes' to any of these 5 questions, explain below: One of the initial concerns raised by environmental regulatory agencies was the location of the material and equipment storage area being within NHESP jurisdiction in a Coastal Dune on a Barrier Beach. An upland, residential building lot (No. 132-000G-271B-000) was identified and ultimately purchased by the

Applicant (Project Gurnet & Bug Lights, Inc.) on December 7, 2020. It is located on the northwest corner of Austin Avenue and Westminster Avenue and is approximately 21,344 square feet in size. It is vegetated with grasses and shrubs from previous cutting and management practices. Entry and exit patterns have not been developed; however, most of the day-to-day traffic will most likely occur on Westminster Avenue. Traffic to and from the beach will be confined to existing roads within the Barrier Beach system, as shown on the project plans.

PROJECT CHANGE DESCRIPTION (attach additional pages as necessary). The project change description should include:

- (a) a brief description of the project as most recently reviewed
- (b) a description of material changes to the project as previously reviewed,
- (c) if applicable, the significance of the proposed changes, with specific reference to the factors listed 301 CMR 11.10(6), and
- (d) measures that the project is taking to avoid damage to the environment or to minimize and mitigate unavoidable environmental impacts. If the change will involve modification of any previously issued Section 61 Finding, include a draft of the modified Section 61 Finding (or it will be required in a Supplemental EIR).

On June 20, 2018, the Plymouth Light Station Revetment project was noticed in the MEPA Monitor as EEA #15870. The project site (the Site) is owned by the United States Government and managed by Project Gurnet and Bug Lights, Inc. The project primarily consisted of constructing a 720-foot armor stone revetment having a height of approximately 28 feet NGVD and designed to withstand a 100-year return frequency storm with a 50-year design life. During the comment period and meetings with the agencies, concerns were expressed about the lack of an alternative that addressed a mixed sediment berm and the impact of the construction staging area being located within rare species habitat.

As described in the Appendix A report, three material changes to the project address the agency's comments, as follows:

1. The preferred alternative for shoreline protection is a beach compatible mixed sediment berm backed by a low-crested revetment. The revetment is intended to serve as a "last line of defense", will be constructed landward of the MHW line, and allows for planned periodic maintenance of the mixed sediment berm. The large-scale armor stone revetment, originally proposed, is no longer the proposed project;
2. The site recommended for the material and equipment storage area is located in an upland area and outside of NHESP jurisdiction. Additionally, this material and equipment storage area is not located in a wetland resource area. Therefore, temporary construction impacts will be limited to existing travelled ways and a small area of cobble dune for access onto the beach. All of these construction-related impacts can be easily restored and potential adverse impacts to rare species habitat can be addressed through time-of-year restrictions; and,
3. Upland drainage improvements along the bluff crest are proposed to ensure that overland flow does not exacerbate bluff-face erosion.

ATTACHMENTS & SIGNATURES

Attachments:

1. Secretary's most recent Certificate on this project
2. Plan showing most recent previously-reviewed proposed build condition
3. Plan showing currently proposed build condition
4. Original U.S.G.S. map or good quality color copy (8-1/2 x 11 inches or larger) indicating the project location and boundaries
5. List of all agencies and persons to whom the proponent circulated the NPC, in accordance with 301 CMR 11.10(7)

Signatures:

<u>9/29/22</u>	<u>Dolly Snow Becknell</u>		<u>Stan Humphries</u>
Date	Signature of Responsible Officer or Proponent	Date	Signature of person preparing NPC (if different from above)

<u>DOLLY SNOW BECKNELL</u>	<u>Stan Humphries</u>
Name (print or type)	Name (print or type)

<u>PROJECT GURNET + BOB LIGHTS, INC</u>	<u>ECR, LLC</u>
Firm/Agency	Firm/Agency

<u>PO. BOX 2167</u>	<u>P.O. Box 4012</u>
Street	Street

<u>DUXBURY, MA 02331</u>	<u>Plymouth, MA 02361</u>
Municipality/State/Zip	Municipality/State/Zip

<u>781-956-2042</u>	<u>617-543-1654</u>
Phone	Phone