

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

Environmental Notification Form

For Office Use Only

EEA#: 15803

MEPA Analyst: Erin Flaherty

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: Raze, reconstruct, maintain, new dwelling, ramp, and float in the waters of the Cut River, Marshfield Massachusetts		
Street Address: 225 Bay Avenue		
Municipality: Marshfield	Watershed:	
Universal Transverse Mercator Coordinates:	Latitude: 42-04-47 Longitude: 70-38-22	
Estimated commencement date: June 2018	Estimated completion date: September 2019	
Project Type: Residential Single Family House	Status of project design: 100% complete	
Proponent: Stephen & Elizabeth Howley		
Street Address: P.O. Box 215		
Municipality: Green Harbor	State: MA	Zip Code: 02041
Name of Contact Person: Darren Grady, P.E.		
Firm/Agency: Grady Consulting LLC	Street Address: 71 Evergreen Street	
Municipality: Kingston	State: MA	Zip Code: 02364
Phone: 781.585.2300	Fax: 781.585.2378	E-mail: darren@gradyconsulting.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))	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
a Special Review Procedure? (see 301 CMR 11.09)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
a Waiver of mandatory EIR? (see 301 CMR 11.11)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
a Phase I Waiver? (see 301 CMR 11.11)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?
301 CMR 11.03 (3)(b) 1.a., 301 CMR 11.03 (3)(b) 5

Which State Agency Permits will the project require? A Chapter 91 Water License is required..
U.S. Army Corps of Engineers General Permit is required

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: NONE

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Elin Flinck

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	0.09		
New acres of land altered		0	
Acres of impervious area	0.036	0.001	0.037
Square feet of new bordering vegetated wetlands alteration		0	
Square feet of new other wetland alteration		See pages 8 & 9	
Acres of new non-water dependent use of tidelands or waterways		0	
STRUCTURES			
Gross square footage	1,248	292	1,540
Number of housing units	1	0	1
Maximum height (feet)	18.1	26.6	41.8
TRANSPORTATION			
Vehicle trips per day	10	0	10
Parking spaces	2	0	2
WASTEWATER			
Water Use (Gallons per day)	220	110	330
Water withdrawal (GPD)	0	0	0
Wastewater generation/treatment (GPD)	220	110	330
Length of water mains (miles)	0	0	0
Length of sewer mains (miles)	0	0	0
Has this project been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			
Has any project on this site been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION:

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

The existing site consists of a residential dwelling erected on piles on the coastal beach on the Cut River that connects to the barrier beach by a short wooden walk. The dwelling was constructed in 1900 according to the assessors and is in a decrepit condition. The dwelling is very low and sits only a few feet above high tide elevations. The beach below the dwelling has no vegetation and consists of sands and gravel. The dwelling is connected to water, sewer, gas, and electric utilities.

Describe the proposed project and its programmatic and physical elements:

The proposed project includes razing the existing dwelling and constructing a new dwelling above the FEMA 100-year storm elevation and over the coastal beach on the Cut River. The new dwelling is proposed on new piles. Access to the site for the demolition and the installation of piles will be through Bay Avenue. A temporary coarse sand ramp, erosion controls, and environmental mats are proposed to be used to access the coastal beach. The remainder of the dwelling construction can be accomplished without vehicle access on the beach. The existing water, sewer, gas, and electric services will be utilized. The Town of Marshfield Conservation Commission has issued an Order of Conditions for the project. The Town of Marshfield Zoning Board has granted a special permit for the project.

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:

The size and shape of the lot limits the site from having many alternatives. An alternative discussed during the onset of the project was to access the dwelling through stairs below the house. The alternative was not selected because the access hindered moving equipment, furniture, and appliances into the house. The preferred alternative allows for normal access.

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:

Mitigation measures to offset impacts of the preferred alternative include the replacement of the existing 580 s.f. impervious driveway with pervious pavers. Proposed native plantings in a planting bed adjacent to the driveway. Shellfish mitigation will be accomplished by adding 8-10 bushels of randomly sized quahog