Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13831
MEPA Analyst: Nick Zavolas
Phone: 617-626-1030

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: **Dun Fudgin Boat Ramp, Intertidal Habitat Restoration, Gloucester, MA**		
Street: **Emerson Ave**		
Municipality: **Gloucester, MA**	Watershed: **North Coastal**	
Universal Tranverse Mercator Coordinates:	Latitude: 42° 36min, 52.6 Sec. Longitude: ~~**Need GPS coordinates from map program**~~ -70 deg. 40 min, 39.8 Sec.	
Estimated commencement date: **April 2006**	Estimated completion date: **October 2006**	
Approximate cost: **$50,000**	Status of project design: **90** %complete	
Proponent: **City of Gloucester, Shellfish, Engineering, Health and Conservation Deptartments**		
Street: **3 Pond Road**		
Municipality: **Gloucester**	State: **MA**	Zip Code: **01930**
Name of Contact Person From Whom Copies of this ENF May Be Obtained: **Nancy Ryder**		
Firm/Agency: **Gloucester Conservation Dep**	Street: **3 Pond Road**	
Municipality: **Gloucester**	State: **MA**	Zip Code: **01930**
Phone: **978-281-9781**	Fax: **978-281-9779**	E-mail: **nryder@ci.gloucester.ma.u**

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

Has this project been filed with MEPA before? ☐Yes (EOEA No._____) ☒No

Has any project on this site been filed with MEPA before? ☐Yes (EOEA No._____) ☒No

Is this an Expanded ENF (see 301 CMR 11.05(7)) 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

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

Are you requesting coordinated review with any other federal, state, regional, or local agency? ☐Yes(Specify_____) ☒No

List Local or Federal Permits and Approvals: **OoC from Gloucester Conservation Commission**

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- ☐ Land
- ☐ Water
- ☐ Energy
- ☐ ACEC
- ☐ Rare Species
- ☐ Wastewater
- ☐ Air
- ☐ Regulations
- ☒ Wetlands, Waterways, & Tidelands
- ☐ Transportation
- ☐ Solid & Hazardous Waste
- ☐ Historical & Archaeological Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	**2 Acres**		
New acres of land altered		0.06 acres	
Acres of impervious area	0.0	0.0	0.0
Square feet of new bordering vegetated wetlands alteration		0	
Square feet of new other wetland alteration		**2400 sq ft of intertidal restoration on coastal bank**	
Acres of new non-water dependent use of tidelands or waterways		0	
STRUCTURES			
Gross square footage	0	0	0
Number of housing units	0	0	0
Maximum height (in feet)	0	0	0
TRANSPORTATION			
Vehicle trips per day	0	0	0
Parking spaces	0	0	0
WATER/WASTEWATER			
Gallons/day (GPD) of water use	0	0	0
GPD water withdrawal	0	0	0
GPD wastewater generation/ treatment	0	0	0
Length of water/sewer mains (in miles)	0	0	0

State Permits & Approvals

- ☒ Order of Conditions
- ☐ Superseding Order of Conditions
- ☒ Chapter 91 License
- ☒ 401 Water Quality Certification
- ☐ MHD or MDC Access Permit
- ☐ Water Management Act Permit
- ☐ New Source Approval
- ☐ DEP or MWRA Sewer Connection/ Extension Permit
- ☒ Other Permits (*including Legislative Approvals*) – Specify:

ACE-PGP
City of Gloucester – City Council Lowlands permit

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

☐Yes (Specify_____) ☒No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

☐Yes (Specify_____) ☒No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

☐Yes (Specify_____) ☒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_____) ☒No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

☐Yes (Specify_____) ☐No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

☐Yes (Specify_____) ☒No

PROJECT DESCRIPTION: The project description should include **(a)** a description of the project site, **(b)** a description of both on-site and off-site alternatives and the impacts associated with each alternative, and **(c)** potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

The proposed project is to remove an old concrete pool and its associated fill from an area just north of the Dun Fudgin boat ramp along the Annisquam River in Gloucester, Massachusetts. The removal of the concrete and fill will help restore intertidal conditions to this area, including the establishment of an area of proposed salt marsh.

The project site is located along the eastern side of the Annisquam River. The Dun Fudgin Boat Ramp is located south of the project site. The Gloucester High School is located just east of the project site on the opposite side of Emerson Avenue. An area of salt marsh bordered by ledge is located just north of the proposed work area.

The project site contains the remnants of a concrete pool which was originally installed by the City of Gloucester when this area was maintained as a public beach. The actual date of the pool installation is not known, but it is thought to have occurred before 1950. Life guards were employed at the site until at least 1967. Some time after that date, the City of Gloucester closed the pool to the public and placed fill material within its footprint. The City of Gloucester wishes to remove this fill and the concrete pool remnants in order to restore intertidal conditions to the site. Salt marsh vegetation will be planted within a large area of the restoration site and a salt panne will also be constructed.

In April 2005, a topographic survey of the project area was conducted by Vine Associates, Inc. This survey included the establishment of existing conditions at the project site including: current topography, limits of the remnants of the concrete pool, tidal elevations, top and bottom of bank, extent of the existing rip rap slope, location of existing salt marsh, location of an existing drain outfall, and location of Emerson Avenue and its associated berm and guard rail.

Two (2) sediment samples were taken with a hand auger within the footprint of the concrete pool. The locations of these samples are indicated on the site plan. The sediment within the concrete pool consists of placed fill of an undetermined age. The samples were taken to a depth of approximately eighteen inches, at which depth the auger could no longer practicably penetrate the sediment. Cobbles and boulders are present within the fill (and throughout the rest of the site), creating difficult sampling conditions. The sediment was observed to be homogeneous in nature along the depth of sampling for both samples. The two samples were sent to Woods Hole Group laboratory for grain size analysis and reactive sulfide testing.

The results of the grain size analysis indicate that the fill within the concrete pool footprint consists of 43.2% to 47.6% gravel, 50% to 54% sand and 2.5% to 2.6% silt/clay (passing through #200 sieve). The results for reactive

sulfide were 0.31 mg/Kg and 0.30 mg/Kg. Because the percentage of sand and gravel is so high, no further testing of the material was required. The results of the sediment testing in their entirety are presented in the Analytical Report from the Woods Hole Group.

The Gloucester Harbormaster was contacted regarding any known spills within the area. None have been reported within at least the past five years. A database search was also conducted on a nearby property, the results of which extend to the project area. No known releases of any hazardous material have been reported for this area which would likely affect conditions at the project site.

The fill material to be removed from the concrete pool area will be removed by the contractor and taken to a suitable offsite upland location (not a regulated resource area).

See attached narrative for further detail.