

# ENF Environmental Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>13892</u>
MEPA Analyst:	<u>Holly Johnson</u>
Phone: 617-626-	<u>1023</u>

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: Culvert Replacement & Wetland Restoration		
Street: Shore Road & Connecticut Avenue		
Municipality: West Yarmouth	Watershed: Lewis Bay	
Universal Transverse Mercator Coordinates: E 395,988.54 N 5,389,408.71	Latitude: 41d38'25"N Longitude: 70d14'56"W	
Estimated commencement date: Sept. 2007	Estimated completion date: Oct. 2007	
Approximate cost: \$25,000	Status of project design: 100	%complete
Proponent: Town of Yarmouth		
Street: 1146 Route 28		
Municipality: South Yarmouth	State: MA	Zip Code: 02664
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Jeffrey Oakes, P.E.		
Firm/Agency: CLE Engineering, Inc.	Street: 15 Creek Road	
Municipality: Marion	State: MA	Zip Code: 02738
Phone: 508-748-0937	Fax: 508-748-1363	E-mail: joakes@cleengineering.com

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): Mass Office of Coastal Zone Management, Wetland Restoration Program: \$28,555.00

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify NOI, Chapter 91, ACOE )  No

List Local or Federal Permits and Approvals: NOI, Chapter 91, ACOE

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

- |                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land   | <input type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water  | <input type="checkbox"/> Wastewater   | <input type="checkbox"/> Transportation                              |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air          | <input type="checkbox"/> Solid & Hazardous Waste                     |
| <input type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations  | <input type="checkbox"/> Historical & Archaeological Resources       |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval  <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: <hr/> ACOE PGP Category 2 <hr/> <hr/> <hr/> <hr/>
Total site acreage	4 acres			
New acres of land altered		0.07 acres		
Acres of impervious area	0.02 acres	0	0.02 acres	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		4750 temp		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	0			
Number of housing units	0			
Maximum height (in feet)	0			
<b>TRANSPORTATION</b>				
Vehicle trips per day	0			
Parking spaces	0			
<b>WASTEWATER</b>				
Gallons/day (GPD) of water use	0			
GPD water withdrawal	0			
GPD wastewater generation/ treatment	0			
Length of water/sewer mains (in miles)	0			

**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.*)

a) The project site is an approximately 4 acre salt marsh on the north side of Shore Road in West Yarmouth, Massachusetts. It is identified in the *Cape Cod Atlas of Tidally Restricted Salt Marshes* as Site YA -7. The marsh drains to Lewis Bay to the south through a culvert under Shore Road that is presently collapsed and non-functional, resulting in the ponding of stormwater runoff and tidal overwash of Shore Road to the marsh. The vegetative community is in transition from salt marsh to *Phragmites*.

b) Three (3) alternatives were provided to the Massachusetts Office of Coastal Zone Management Wetland Restoration Program (WRP) and the Town of Yarmouth Engineering Department (Eng. Dept.) for review and comment. CLE then presented the results of the feasibility study and the 3 design options to interested abutting property owners during a public meeting held by the Eng. Dept. on March 7, 2006. Approximately 19 people attended the meeting and after review and discussion it was determined that the preferred alternative was to replace the existing broken 15" culvert with an 18" culvert and to remove the existing catch basin in Shore Road. Additionally it was noted the existing pipe draining the Broadway neighborhood to the marsh should be cleaned and maintained and existing junk and debris in the marsh should be removed.

c) In addition to permit requirements developed by the Yarmouth Conservation Commission, the following mitigation measures and restrictions are proposed:

1. Prior to any work a silt fence is to be installed in the staging and soil stockpile area to prevent stockpiled soil from causing sedimentation in the salt marsh on the north and south side of Shore Road.
2. Absolutely no release is allowed into the waterway of any petroleum products from the excavation equipment. Accidental releases shall be reported to the Harbor Master, Engineer, and, if applicable, the Coast Guard. The Contractor shall have on site sufficient sorbent pads and booms to contain an accidental spill.
3. Work will only be allowed during the hours of 8:00 a.m. to 6:00 p.m., Monday thru Saturday.
4. Debris from excavation and re-grading operations is to be cleaned up on a regular basis and disposed of off site at a properly designated facility.
5. No refueling of construction equipment shall be permitted within 100' of any coastal resource area.

As demonstrated above, the replacement of the non-functioning culvert will improve tidal flushing to the 4-acre salt marsh and reduce the frequency of flooding of shore Road. The minimal short term impacts will be more than offset by the improved ability of the resources areas to perform their functions as described in the Wetland Protection Act and Regulations.