

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: *14330*
 MEPA Analyst: *Anne Cassidy*
 Phone: 617-626-*1035*

ENF Environmental Notification Form

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: DUCKS UNLIMITED CULVERT REPLACEMENT		
Street: 8 WIGWAM ROAD		
Municipality: FALMOUTH	Watershed: BUZZARDS BAY	
Universal Transverse Mercator Coordinates: N 4604546 E 363315	Latitude: 41° 34' 51"N Longitude: -70° 38' 21"W	
Estimated commencement date: Spring 2009	Estimated completion date: Summer 2009	
Approximate cost: \$600,000	Status of project design: 100 %complete	
Proponent: DUCKS UNLIMITED, INC.		
Street: 3 ORANGE PIPPIN ROAD		
Municipality: SANDY HOOK	State: CT	Zip Code: 06482
Name of Contact Person From Whom Copies of this ENF May Be Obtained: JEFFREY L. JOHNSON		
Firm/Agency: HOLMES AND MCGRATH, INC.	Street: 362 GIFFORD STREET	
Municipality: FALMOUTH	State: MA	Zip Code: 02540
Phone: 508-548-3564	Fax: 508-548-9672	E-mail: jjohnson@holmesandmcgrath.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 301 CMR 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: **DEP Waterways and ACOE**) No

List Local or Federal Permits and Approvals: **Wetlands Order of Conditions (NOI filed), Town of Falmouth Board of Selectmen Special Permit (application not filed), DEP Chapter 91 Waterways License (minor project modification or amendment not filed) and ACOE Programmatic General Permit (not filed), 401 Water Quality Certificate (not filed)**

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
LAND				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions * <input checked="" type="checkbox"/> Chapter 91 License <input checked="" 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 <i>(including Legislative Approvals) – Specify:</i> Town of Falmouth Board of Selectmen - Special Permit ACOE - Programmatic General Permit
Total site acreage	6.5 acres			
New acres of land altered		NONE		
Acres of impervious area	NA	NA	NA	
Square feet of new bordering vegetated wetlands alteration		<u>Indirect loss of 0.6+/- ac</u>		
Square feet of new other wetland alteration		<u>0.6 +/- ac. of restored salt marsh</u>		
Acres of new non-water dependent use of tidelands or waterways		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	

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 Mapped Estimated and Priority Habitat - Natural Heritage and Endangered Species Program) 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 property located at #8 Wigwam Road is a private, residentially developed parcel of land containing approximately 4.8 acres in area. The property contains a single-family house with detached garage. A long single-lane gravel causeway provides access to the house. The raised causeway runs through a portion of the Great Sippewissett Marsh. An existing licensed culvert (Waterways License 11422) allows limited tidal flow from one side of the causeway to the other. The entire lot is located with the West Falmouth/ Great Sippewissett Marsh District of Critical Planning Concern (DCPC). The wetland resource areas found on or within 100 feet of the lot include land subject to coastal storm flowage (Flood Hazard Zone V15 (Elev. 22, A12 Elev. 14 and B), a coastal banks, coastal dunes, a coastal heach, a barrier beach, a hording vegetated wetland, salt marsh, land containing shellfish, rocky intertidal shore and land under the ocean.

Duck's Unlimited is cooperating with the Town of Falmouth, the Buzzards Bay National Estuary Program, the Massachusetts Wetlands Restoration Program, the U.S. Fish and Wildlife Service Partners for Wildlife, the National Oceanic and Atmospheric Administration, and the USDA Natural Resources Conservation Service in proposing to restore certain salt marshes in the Great Sippewissett Marsh in West Falmouth, Massachusetts. This site was identified in the "Atlas of Tidally Restricted Salt Marshes in the Buzzards Bay Watershed, Massachusetts" as site FA26 (Costa, J. E., et. al., Buzzards Bay Project, 2002.). The salt marshes are showing stress from the existence and increased growth of phragmites, a very tall invasive reed. Phragmites is an invasive plant with few environmental benefits and is an indicator of a stressed environment.

The proposed salt marsh restoration is to replace an existing under-sized culvert to increase tidal exchange so that more salt water will reach the upper portion of the marsh. Once the culvert are replaced, the water level at high tide in the upper marsh area will increase in elevation. The Phragmites will die back over a period of time because natural levels of salt water will return to

the wetland. This project is being proposed as a limited project under 310 CMR 10.24(7)(c)(2) as the maintenance, repair and improvement of an existing pre-1987 culvert.

A Notice of Intent has been filed with the Falmouth Conservation Commission under the Massachusetts Wetlands Protection Act and the Falmouth Wetlands Bylaw to obtain an Order of Conditions for the proposed culvert replacement.

