

ENF

**Environmental
Notification Form**

For Office Use Only Executive Office of Environmental Affairs
EOEA No.: 14168
MEPA Analyst: <i>Deirdre Buckley</i>
Phone: 617-626-1044

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: POND RESTORATION, FERNCROFT COUNTRY CLUB		
Street: VILLAGE ROAD		
Municipality: MIDDLETON, MA	Watershed: IPSWICH RIVER	
Universal Transverse Mercator Coordinates: 243305 x, 928170 y (MASS GIS NAD 83)	Latitude: 42 36' 178" N Longitude: 70 58' 349" W	
Estimated commencement date: WINTER 07	Estimated completion date: SPRING 09	
Approximate cost: \$100,000	Status of project design: 100 %complete	
Proponent: CHARLES COSTELLO, AGENT FOR FERNCROFT COUNTRY CLUB		
Street: 58 MAIN STREET		
Municipality: TOPSFIELD	State: MA	Zip Code: 01887
Name of Contact Person From Whom Copies of this ENF May Be Obtained: MICHAEL J. DEROSA		
Firm/Agency: DEROSA ENV'L CONSULTING	Street: 46 NORTH MAIN STREET	
Municipality: IPSWICH	State: MA	Zip Code: 01938
Phone: (978) 356-5408	Fax: (978) 356-4211	E-mail: michael.j.derosa@verizon.net

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes **X No**
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) **X No**
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) **X No**
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(B)) Yes **X No**
 - a Special Review Procedure? (see 301 CMR 11.09) Yes **X No**
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes **X No**
 - a Phase I Waiver? (see 301 CMR 11.11) Yes **X 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?
X Yes (Specify: DEP 401 WATER QUALITY CERTIFICATION) No

List Local or Federal Permits and Approvals: **USACE 404 WATER QUALITY PERMIT, NO. NAE-2007-1813; ORDERS OF CONDITIONS FROM THE TOWNS OF MIDDLETON AND TOPSFIELD, MADEP FILE NOS. 222-0597 AND 307-0583, RESPECTIVELY.**

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				X Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License X 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> THE 401 WATER QUALITY CERTIFICATION FOR DREDGING IS CURRENTLY UNDER REVIEW BY MADEP.
Total site acreage	287			
New acres of land altered		0		
Acres of impervious area	5.36 +/-	0	5.36 +/-	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		111,569		
Acres of new non-water dependent use of tidelands or waterways		NA		
STRUCTURES				
Gross square footage	NA	NA		
Number of housing units	NA	NA		
Maximum height (in feet)	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 _____) 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.)

FERNCROFT COUNTRY CLUB IS AN 18-HOLE COURSE ORIGINALLY CONSTRUCTED IN 1968 IN MIDDLETON AND AN ADJOINING AREA WITHIN THE CORPORATE BORDER OF TOPSFIELD. A SERIES OF PONDS WERE CREATED AT THAT TIME IN NICHOLS BROOK TO SERVE AS WATER HAZARDS AND REFLECTING POOLS. OVER THE PAST 40 YEARS THE PONDS HAVE SILTED IN. AS A RESULT FLOW THROUGH THEM HAS BEEN ADVERSLY AFFECTED, AND THE NATURAL VEGETATION HAS GIVEN WAY TO PURPLE LOOSESTRIFE AND OTHER INVASIVE SPECIES.

THE PROJECT PROPOSES TO DREDGE THE PONDS TO DEPTHS RANGING FROM 8 TO 14 FEET DEEP AND CREATE PLANTING SHELVES FOR NATURAL SPECIES THAT WILL PROVIDE A MORE BALANCED HABITAT FOR FISH AND OTHER AQUATIC ANIMALS, AMPHIBIANS, AND BIRDS. IT IS ANTICIPATED THAT REMOVAL OF THE ACCUMULATED SEDIMENT WILL IMPROVE OVERALL WATER QUALITY AND FLOW THROUGHOUT THE PONDS AND DOWNSTREAM REACHES OF NICHOLS BROOK.

EACH POND WILL BE ISOLATED BY A WEIR AS IT IS DREDGED. DREDGED MATERIAL WILL BE DEWATERED THROUGH FILTRATION BAGS TO ELIMINATE ADDITIONAL SILTATION TO THE WATERWAY. A FOREBAY WILL ALSO BE CREATED AT THE OUTFALL OF AN EXISTING STORMWATER PIPE TO RETARD RUNOFF AND ALLOW FOR DEPOSITION OF SILT PRIOR TO ENTERING THE POND SYSTEM, AND ALLOW FOR MORE ROUTINE MAINTENANCE IN THE FUTURE.

THE DREDGED MATERIAL WILL BE TRANSPORTED BY TRUCK TO AN EXISTING UPLAND DUMPING AREA FORMERLY USED BY THE CLUB'S MAINTENANCE CREW FOR LANDSCAPING DEBRIS, BRUSH, STUMPS, AND TREE TRIMMINGS. THE AREA WILL BE CLEANED OF DEBRIS AND TRASH, THEN REGRADED, LOAMED, AND SEEDDED WITH A MIX OF NATIVE WILDFLOWER AND TURF SEED TO RESTORE AND ENHANCE ITS APPEARANCE AND FUNCTION AS WILDLIFE HABITAT.