

# ENF Environmental Notification Form

*For Office Use Only*  
*Executive Office of Environmental Affairs*  
 EOE No.: **14078**  
 MEPA Analyst: **Berony Angus**  
 Phone: 617-626-**1029**

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: <b>Fire Pond "Cassilis Farm"</b>		
Street: <b>604 Hartville/New Marlborough Rd</b>		
Municipality: <b>New Marlborough</b>	Watershed: <b>Housatonic</b>	
Universal Transverse Mercator Coordinates:	Latitude: <b>42.134724</b> Longitude: <b>-73.240840</b>	
Estimated commencement date: <b>Fall 2007 or Summer 2008</b>	Estimated completion date: <b>Fall 2008</b>	
Approximate cost: <b>\$ 40,000 to \$ 50,000</b>	Status of project design: <b>100% complete</b>	
Proponent: <b>Jane Carpenter</b>		
Street: <b>604 Hartsville- New Marlborough Rd</b>		
Municipality: <b>New Marlborough</b>	State: <b>MA</b>	Zip Code: <b>01230</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Gail E. Ceresia</b>		
Firm/Agency: <b>Berkshire Wetland Services</b>	Street: <b>161 West Park Street</b>	
Municipality: <b>Lee</b>	State: <b>MA</b>	Zip Code: <b>01238</b>
Phone: <b>(413) 243-9777</b>	Fax: <b>(413) 243 -9777 or 4088</b>	E-mail: <b>berkshirewetlandservices@roadrunner.com</b>

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))	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
a Special Review Procedure? (see 301CMR 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

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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals:

Army Corp NAE 2006-1970

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 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>  <u>Amy Corp Permit</u>  <b>410 Water Quality Permit Pending</b>
Total site acreage	11.973			
New acres of land altered		1/4 acre		
Acres of impervious area	12,000 SF	240 SF	12,240 SF	
Square feet of new bordering vegetated wetlands alteration		6949 SF		
Square feet of new other wetland alteration		None		
Acres of new non-water dependent use of tidelands or waterways		None		
<b>STRUCTURES</b>				
Gross square footage	9766 SF (.22 acres)	None	.22 acres	
Number of housing units	3 houses (3 barns) 3 sheds	None	3 houses	
Maximum height (in feet)	34'	None	24'	
<b>TRANSPORTATION</b>				
Vehicle trips per day				
Parking spaces				
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use				
GPD water withdrawal				
GPD wastewater generation/treatment				
Length of water/sewer mains (in miles)				

**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.)

## SITE

The project is located in a tributary intermittent stream and wetlands of the Konkapot River in the Housatonic watershed. The proponent proposes to excavate and grade approximately 5,318 sq. ft. of wetlands and adjacent stream to make into deeper pond habitat for fire protection. 8,607 square feet of uplands will be converted into deeper water habitat and 6,275 feet of upland will be made into wetland (BVW). 180 linear feet of stream bank will be converted to deeper water habitat. 665 LF of Bank will be replicated by creation of pond.

The proponent's estate consists of several buildings which include a large main house/ mansion, a guest house and barns and sheds. A few of the barns have small apartments in them. On the east side of Hartsville-New Marlborough Road, the grounds surrounding the buildings are maintained as lawn. The barns on the south side of Hartsville-New Marlborough Road are surrounded by pasture. South of the mansion and driveway and below an old driveway which acts like a berm, there is a small vegetated wetland that borders on an intermittent stream. The land gently slopes in a west direction towards the highway.

A small cattail stand dominates a section of BVW near the driveway. It appears as though this area served as a watering hole for live stock in the past. This section of BVW receives surface water from the drainage channels adjacent to and upslope of the driveway. Excess water has been allowed to drain away from the BVW in a small channel that crosses under the highway. The channel outlets into an upland pasture. The remainder of the BVW is dominated by Sensitive Fern (*Onoclea sensibilis*), and Giant Golden-rod (*Solidago gigantea*), New England Aster (*Aster novae-angliae*) in the herbaceous strata.

Ostrich Fern (*Matteuccia struthiopteris*), dominates the BVW on the north side of the intermittent stream channel. The intermittent stream originates on the other side of this old driveway from the hill. It flows in a west direction through a wetland located up slope from Jane Carpenter's property. The stream passes through a culvert located under this old driveway that divides the vegetated wetland into two. The old driveway has been allowed to grow in. Presently many upland sapling trees and shrubs are growing within the berm / dike like driveway. The intermittent stream curves to the south. It flows into a catch basin that transports the water through a culvert and then into drainage ditch adjacent to Rte 57. Several invasive plants are present within the uplands that immediately surround the flagged wetlands. Japanese Barberry (*Japonica Berberis*), Common Buckthorn (*Rhamnus cathartica*), Winged Wahoo (*Euyonomous alata*) shrubs and a herbaceous plant known as Garlic Mustard (*Alliaria officinalis*), were observed within the vicinity of the BVW.

## B) Onsite & Offsite Alternatives

It has been determine that there are no other on-site alternatives. A perennial stream present on the site which is north of the house and east of Hartsville/ New Marlborough RD, was look at for a potential pond source. It was

abandon when it was determined that the existing septic fields and future septic reserve area occupied the land on both sides of the stream. The proponent does not have access to other lands, so offsite alternatives are not possible.

C) On Site Mitigation Measures Include replication of Bordering Vegetated Wetlands, and conversion of upland into either wetlands or deep water habitat. Erosion controls and temporary detention basins will be utilized for sediment retention and prevention of erosion down stream. The pond has been design with a concrete sump to allow for sediment removal without disturbance of the pond bottom.

See Notice of Intent Attached.

Cassilis Farm "Jane Carpenter" New Marlborough MA

