



**Environmental
Notification Form**

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13931
MEPA Analyst: Bill GAGE
Phone: 617-626-1025

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: Gregory R. Keelan		
Street: Spring St. (Assessors' Map D18-02-07)		
Municipality: Marshfield, MA	Watershed:	
Universal Transverse Mercator Coordinates:	Latitude: 42°-09'-00" Longitude: 70°-45'-00"	
Estimated commencement date: Jan. 2006	Estimated completion date: Jan. 2008	
Approximate cost: \$1.25 million	Status of project design: 100 %complete	
Proponent: Gregory R. Keelan		
Street: P.O. Box 6		
Municipality: Marshfield	State: MA	Zip Code: 02050
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Paul A. Fellini		
Firm/Agency: Merrill Associates, Inc.	Street: 427 Columbia Rd.	
Municipality: Hanover	State: MA	Zip Code: 02339
Phone: 781-826-9200	Fax: 781-826-6665	E-mail: pfellini@merrillinc.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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify DEP & Con Com) No

List Local or Federal Permits and Approvals: Local Agency: N.O.I.: Currently being reviewed:
State: DEP: 401 Cert. reviewed; Federal: EPA: SWPP – not submitted

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	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) -- Specify:</i>
Total site acreage	31.17±			
New acres of land altered		1.30		
Acres of impervious area	0	0.42	0.42	
Square feet of new bordering vegetated wetlands alteration		6832 (0.15c)		
Square feet of new other wetland alteration		1505± SF (0.03 ac)		
Acres of new non-water dependent use of tidelands or waterways		N/A		
STRUCTURES				
Gross square footage	0	7315	7315	
Number of housing units	0	1	1	
Maximum height (in feet)	0	35	35	
TRANSPORTATION				
Vehicle trips per day	0	9	9	
Parking spaces	0	2	2	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	275	275	
GPD water withdrawal	0	0	0	
GPD wastewater generation/treatment	0	275	275	
Length of water/sewer mains (in miles)	N/A			

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

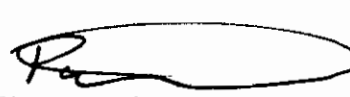
AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?
 Yes (Specify _____) No

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.*)

SEE ATTACHED SHEETS

2. This form has been circulated to Agencies and Persons in accordance with 301 CMR 11.16(2).

12/6/06 
Date Signature of Responsible Officer
or Proponent

12/6/06 
Date Signature of person preparing
ENF (if different from above)

Name (print or type) Gregory R. Keelan

Name (print or type): Paul A. Fellini

Firm/Agency

Firm/Agency: Merrill Associates, Inc.

Street PO Box 6

Street: 427 Columbia Road

Municipality/State/Zip: Marshfield, MA 02050

Municipality/State/Zip: Hanover, MA 02339

Phone: 508-747-1800

Phone: 781-826-9200

ENF FORM PAGE 3 – PROJECT DESCRIPTION

Part A

The subject site covered by this request is located on Spring Street in Marshfield, MA designated by the Town Assessors' Map D18-02-07. It is located on the east side of Spring Street between Highland Street and Riverside Circle and totals 31.17± acres. The site nearly encompasses the abutters at 339 and 369 Spring Street on three (3) sides and has frontage along Spring Street north of 339 and south of 369 Spring Street.

The majority of the site consists of wooded wetland resource areas with small areas of upland scattered throughout. The upland areas consist of only 5.03± acres. The upland area to be used for development of a single family dwelling and associated accessory uses consists of 1.65 acres and is situated along the southerly property line approximately 458 ft. from Spring Street.

The wetland resource areas were delineated by Steve Ivas of Ivas Environmental Sciences and were defined in the Environmental Letter Report dated April 14, 2004. This report is part of a previous Notice of Intent prepared by Steve Ivas in order that Merrill Associates, Inc., could gain access to the test area and perform soils testing and analysis. Since the submittal of this report, official soils testing was performed by this office on the 1.65 acre of upland in accordance with the Town of Marshfield and state regulations.

Mr. Ivas delineated a total of 8 wetland lines consisting of approximately 3954 linear feet. These 8 lines include bordering vegetated wetlands and isolated wetland areas. Mr. Ivas also delineated a short portion of the banks of Hannah Eames Brook towards the rear of the property. Please refer to the attached report for additional information, dated April 14, 2004.

Mr. Ivas encountered two streams that run essentially north and south and converge towards the middle and rear of the site to form Hannah Eames Brook. These streams that form the source of Hannah Eames Brook and Hannah Eames Brook itself were determined by Mr. Ivas to be intermittent streams. Please refer to the attached report, prepared by Mr. Ivas, dated Sept. 17, 2005.

The entire site was determined to be within Zone "C" as defined on the FEMA map.

No outstanding resource waters are associated with any of these wetland areas, nor are there any vernal pools or estimated habitat locations on the site.

Part B

1. The proposed work includes the construction of a single family dwelling, pool, driveway, associated wetland crossing, removal of a 1505 SF

isolated wetland, construction of two small potential vernal pools, restoration area and two replication areas, removal of tires and associated site grading within 100' of the wetland resource area. The upland area to be used for development is surrounded on 3 sides by bordering vegetated wetlands (BVW) except for a small portion of upland along the southerly side of the property that extends into the adjacent property.

The project includes crossing the wetlands along an existing woodland path that extends between Spring Street and the upland area that lies 458 feet east of Spring Street along the southerly property line. The proposed construction within the BVW will include a 458-foot long by 10-foot wide paved driveway and installation of open bottom culverts to convey flows from the upgradient portion of the property.

Part C

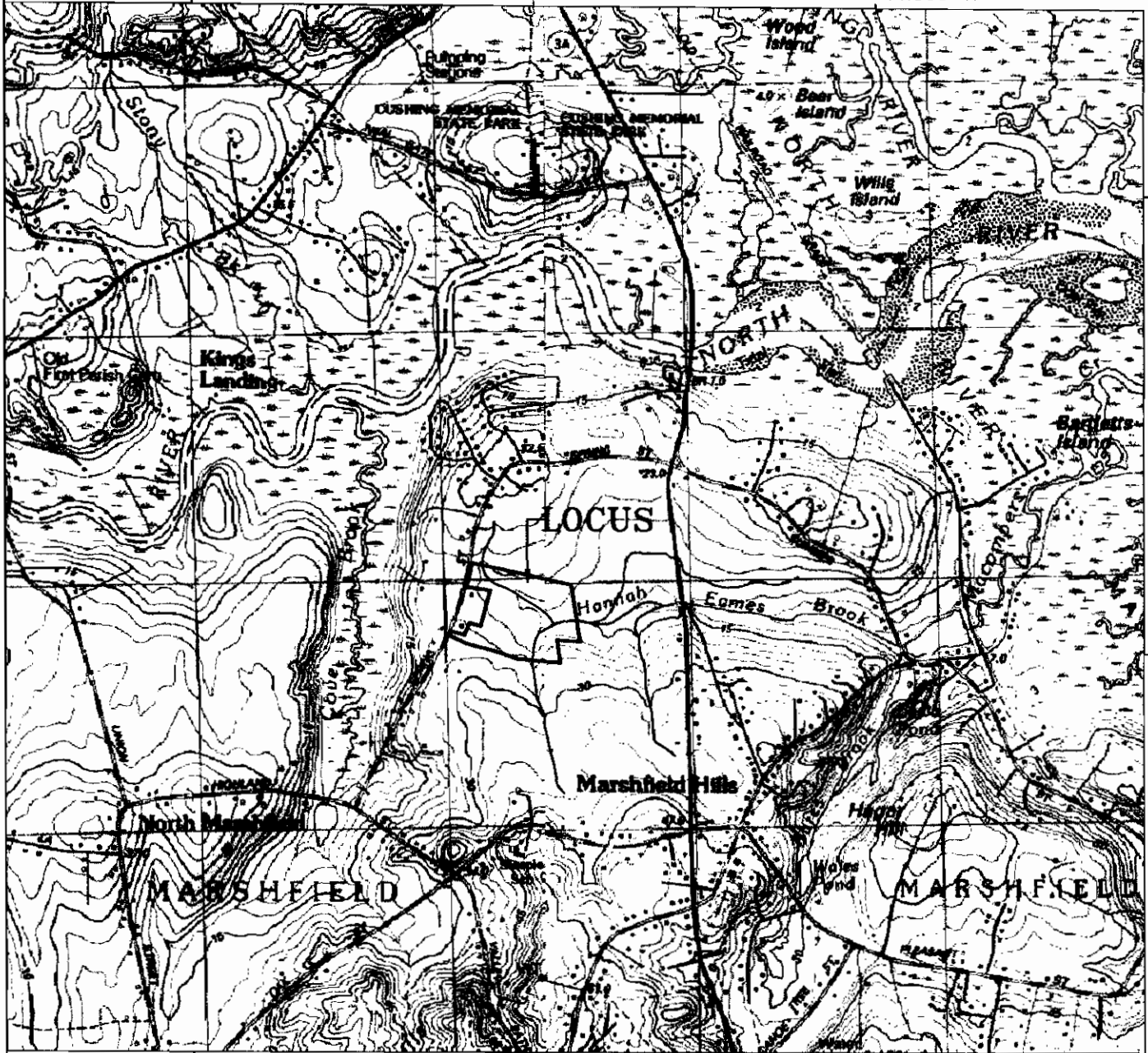
A contiguous row of staked haybales and siltation fence is proposed along the 50' limit of work and directly around the driveway wetland crossing and replication areas to mitigate any sedimentation of the wetlands.

TOPO! map printed on 08/18/05 from "Untitled.tpo"

70°46.000' W

70°45.000' W

WGS84 70°44.000' W



70°46.000' W

70°45.000' W

WGS84 70°44.000' W



Map created with TOPO!® ©2003 National Geographic (www.nationalgeographic.com/topo)

SCALE: 1 INCH = 2083 FT

MERRILL ASSOCIATES, INC.

REGISTERED PROFESSIONAL ENGINEERS AND LAND SURVEYORS
417 COLUMBIA ROAD - HANOVER, MA 02338
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