

ENF Environmental Notification Form

writ For Office Use Only
 Executive Office of Environmental Affairs
 EOEA No.: 13397
 MEPA Analyst: Aisling Eglinton
 Phone: 617-626- 1024

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: <i>Ferry Street Well No. 2, Marshfield, MA</i>		
Street: <i>Off Ferry Street</i>		
Municipality: <i>Marshfield</i>	Watershed: <i>South Coastal</i>	
Universal Transverse Mercator Coordinates: <i>N 875218.62, E 265065.49 NAD 83 Meters</i>	Latitude: <i>42-07'-30"</i> Longitude: <i>070-42'-47"</i>	
Estimated commencement date: <i>Summer 2004</i>	Estimated completion date: <i>2006</i>	
Approximate cost: <i>\$800,000</i>	Status of project design: <i>2% complete</i>	
Proponent: <i>Marshfield Department of Public Works, Water Division</i>		
Street: <i>870 Moraine Street</i>		
Municipality: <i>Marshfield</i>	State: <i>MA</i>	Zip Code: <i>02050</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>David A. Jacobsen, P.E.</i>		
Firm/Agency: <i>Amory Engineers, P.C.</i>	Street: <i>P.O. Box 1768, 25 Depot Street</i>	
Municipality: <i>Duxbury</i>	State: <i>MA</i>	Zip Code: <i>02331</i>
Phone: <i>781-934-0178</i>	Fax: <i>781-934-6499</i>	E-mail: <i>djacobsen@amoryengineers.com</i>

- 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): None

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

List Local or Federal Permits and Approvals: Water Withdrawal Permit and New Source Approval

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 type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input checked="" 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 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 checked="" type="checkbox"/> Water Management Act Permit <input checked="" type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage	N/A			
New acres of land altered		.57		
Acres of impervious area	0	.57	.57	
Square feet of new bordering vegetated wetlands alteration		N/A		
Square feet of new other wetland alteration		N/A		
Acres of new non-water dependent use of tidelands or waterways		N/A		
STRUCTURES				
Gross square footage	0	1,000	1,000	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	0	12	12	
TRANSPORTATION				
Vehicle trips per day	0	2	2	
Parking spaces	N/A	N/A	N/A	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	200	200	(Water Sampling)
GPD water withdrawal	0	720,000	720,000	
GPD wastewater generation/treatment	N/A	N/A	N/A	
Length of water /sewer mains (in miles)	0	1100 l.f. 0.21 miles	1100 l.f. 0.21 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.)

The Town of Marshfield intends to construct a well and pumping station to meet its growing water demands. A site for this purpose has been identified by exploratory test wells off Ferry Street. This would be the third well within the Little's Creek Aquifer; currently there are two other supply wells within the aquifer, Church Street and Ferry Street #1. DEP has approved the site for further testing.

The site, which is within an area of wooded deciduous wetlands and upland, is within the South Coastal river basin and the Little's Creek Aquifer, a South Coastal sub basin. The project will include a prolonged pumping test; one gravel-packed well, a pumping/treatment facility and extension of an existing access road from Ferry Street. The facility will be one story with a floor area of approximately 1,000 square feet.

The Town of Marshfield needs additional water supply to meet increasing demands. The Town now meets its water supply needs entirely from in-town sources. If the Town is to remain self-sufficient, a new source is necessary. Impact on the environment would be similar whether a well is developed at this site or at any other. This is the preferred site since the land is already owned, preliminary testing already completed and supply potential is reasonable.