

Commonwealth of Massachusetts  
Executive Office of Environmental Affairs ■ MEPA Office

**ENF**

**Environmental  
Notification Form**

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	13181
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: <b>Gushee Well No. 3</b>		
Street: <b>Titicut Street</b>		
Municipality: <b>Raynham</b>	Watershed: <b>Taunton</b>	
Universal Transverse Mercator Coordinates: 19 03 31 278 E 46 45 803 N	Latitude: <b>41° 56' 53" N</b>	Longitude: <b>71° 02' 08" W</b>
Estimated commencement date: <b>2004</b>	Estimated completion date: <b>2004</b>	
Approximate cost: <b>\$75,000</b>	Status of project design: <b>5 %complete</b>	
Proponent: <b>Raynham Water District</b>		
Street: <b>PO Box 160</b>		
Municipality: <b>Raynham</b>	State: <b>MA</b>	Zip Code: <b>02767</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>David G. Harwood</b>		
Firm/Agency: <b>Dufresne-Henry, Inc.</b>	Street: <b>5 Lan Drive</b>	
Municipality: <b>Westford</b>	State: <b>MA</b>	Zip Code: <b>01886</b>
Phone: <b>(978)692-1913</b>	Fax: <b>(978)692-4578</b>	E-mail: <b>dharwood@dufresne-henry.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))  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): **There will be no financial assistance or land transfer from the Commonwealth for this project.**

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals:

**MA DEP New Source Approval**

**MA DEM Water Management Act Permit**

**MA DEP Wetlands Protection Act**

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- Land                       Rare Species                       Wetlands, Waterways, & Tidelands  
 Water                       Wastewater                       Transportation  
 Energy                       Air                       Solid & Hazardous Waste  
 ACEC                       Regulations                       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 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	60±			
New acres of land altered		0		
Acres of impervious area	0.75	0	0.75	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	5,000	0	5,000	
Number of housing units	0	0	0	
Maximum height (in feet)	40	0	40	
<b>TRANSPORTATION</b>				
Vehicle trips per day	2	0	2	
Parking spaces	4	0	4	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	1,380,000	792,000	2,172,000	
GPD wastewater generation/treatment	16,000	0	16,000	
Length of water/sewer mains (in miles)	0.4	0	0.4	

**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?

**Response pending; according to most recent Natural Heritage and Endangered Species map the site does include Priority Sites of Rare Species.**

Yes  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 **See attached agency response letter.**

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 **Hockomock Swamp Area of Critical Environmental Concern**)  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 Raynham Water District (District) currently obtains water from three well sites; the Lake Nippenicket Site where there are five wells, the Johnson Pond Site where there is one well, and the Gushee Pond Site where there are two wells. In order to meet future water demand and to add operational flexibility, the District is proposing the development of a new well at the Gushee Pond Site in Raynham, Massachusetts. The project exceeds the MEPA review thresholds at 310 CMR 11.03 (4) (b) (1) new withdrawal or expansion in withdrawal of 100,000 GPD from a water source that requires new construction for withdrawal and 11.03 (11) (b) any project within a designated ACEC, unless the project consists solely of one single family dwelling. The Water Management Act requires a Water Withdrawal Permit Amendment because this is physically a new withdrawal point, however the permit volume will be zero, since the withdrawal will be within the existing permitted volume. Therefore, there will be no overall increase in permitted water withdrawal as a result of this project. The District is also proposing the development of a new well site off of North Main Street in Raynham, Massachusetts, called the Fountain Site. This site is approximately one-half mile to the northwest of the Gushee Wells and a separate Environmental Notification Form will be prepared for that site.

The proposed well is located at the existing Gushee Pond Well Site which is approximately 2,000 feet east of North Main Street and 2,000 feet south of Route 495. The property is owned by the Raynham Center Water District and the site consists of an existing water treatment facility with a parking area and backwash basins for the treatment of backwater residuals from the treatment process. Due to the success of the two existing Gushee Pond Wells, additional test wells were installed in 2001 within the site vicinity to locate a possible third production well site. The proposed well is expected to produce approximately 0.73 MGD. This site has favorable hydrologic conditions and is presently a well-field, an off-site well alternative is considered impractical for this project.

The project proposes the installation of a new public drinking water well that will be connected to the existing treatment and control building. There will be no new structure at the site. Work will take place within the 100 foot buffer zone of bordering vegetated wetlands (see plans). In conclusion, this project will not result in an increase in permitted water withdrawal and will not only improve the operational flexibility for the District, but will allow the District to meet future water demands for the residents of Raynham.