

# ENF Environmental Notification Form

*For Office Use Only*  
*Executive Office of Environmental Affairs*

EOEA No.: **13537**  
MEPA Analyst: **N. Zavalas**  
Phone: 617-626-**1030**

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: Spring Street Well Re-Approval		
Street: Spring Street		
Municipality: Ashland	Watershed:	
Universal Transverse Mercator Coordinates:	Latitude: 42.13N Longitude: 71.28W	
Estimated commencement date: July, 2005	Estimated completion date: May, 2006	
Approximate cost:	Status of project design:	0 %complete
Proponent: Ashland Department of Public Works		
Street: 20 Ponderosa Road		
Municipality: Ashland	State: MA	Zip Code: 01721
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Robert Sims, P.E.		
Firm/Agency: Prism Environmental, Inc.	Street: 18 Lyman Street Suite Q	
Municipality: Westborough	State: MA	Zip Code: 01581
Phone: 508-366-0772	Fax: 508-366-1807	E-mail: rsims@prism-env.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 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): NONE

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

List Local or Federal Permits and Approvals:

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
<b>LAND</b>				<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 checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> Inter-basin Transfer Permit (possible)
Total site acreage	10			
New acres of land altered		0.0		
Acres of impervious area	0	0.0	0.0	
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
<b>STRUCTURES</b>				
Gross square footage	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0			
<b>TRANSPORTATION</b>				
Vehicle trips per day				
Parking spaces				
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	0			
GPD water withdrawal	0	864,000	864,000	
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 Reference Letter Attached

**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 Appendix C

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 project site is located near the southwestern shore of the Ashland Reservoir in Ashland, Massachusetts (see attached Figures 1 and 2). The Town of Ashland owns property containing the Spring Street Well (Well) bordered to the east by the Massachusetts DCR (Department of Conservation and Recreation) property containing the reservoir and to the north, south and west by property owned by Aggregate Industries, Inc. (see Figure 3 – Existing Site Conditions). The town property is accessed from Spring Street via 40-foot wide easements initially through the Aggregate Industries property and then through the DCR property. The easement also contains a buried water main from the Well to Spring Street. The required 400-foot radius Zone I for the Well is contained on the Town property with a portion overlapping onto the DCR property for which the town has an easement.

The Town property is wooded and undeveloped except for the Well and some small-diameter test wells. At the surface, the Well is a 24" steel casing extending 3' from the ground with a steel cap. The site indicates some possible historic gravel-removal impacts, but any previously disturbed areas have since become overgrown.

The Well was constructed in 1980 and approved by the DEQE (predecessor agency of the Massachusetts Department of Environmental Protection – DEP) in 1982. In 1993 DEP approved treatment for the Well and in 1994 DEP approved the Zone II delineation. No pumping or treatment facilities have been built and the Well has not been used. A detailed history of the Well is contained in Appendix B. Pertinent regulatory correspondence appears in Appendix C. Appendix D contains a hydrogeologic site characterization based on evaluating known data including prior well pumping tests.

The Well is intended to supplement the Town's existing supply entirely located at Howe Street adjacent to the Hopkinton Reservoir and to meet future projected demands (see Appendix A). Alternatives to the project would involve abandonment of the site already owned by the Town for water supply purposes containing a previously-approved well (See Appendix C) and connecting pipeline. (Abandonment would require DEP approval.) Other alternatives would include water supply development elsewhere in town; continued reliance on existing wells bunched in a single location and subject to withdrawal restrictions based on reservoir level; or reliance on neighboring water systems. Given the Town's investment in the Well and its regulatory history, reactivation of this well source is a logical first step.

Based on preliminary discussions with DEP and DCR personnel, approval updating of the Well will follow most, if not all, of the rigorous requirements of DEP's new source approval process for public water supply wells. Appendix B includes a proposed time-line for well approval. A pumping test will be performed to further define the site hydrogeology and address specific concerns to be raised by DEP and DCR and to confirm the proposed pumping rate and well water quality. A hydrogeologic assessment based on the existing information is included in Appendix D. A report will be submitted in accordance with the new source approval process containing the results of the pumping test as well as conceptual plans for the required pumping and treatment facilities. Measures to mitigate the impacts and effects of pumping the Well will be developed and proposed during the new source approval process. A separate ENF will be filed for the pumping and treatment facilities.