

Commonwealth of Massachusetts

Executive Office of Environmental Affairs ■ MEPA Office

ENF

Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOEA No.: 14214
 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: Richard Property Well Site		
Street: 192 West River Road		
Municipality: Upton	Watershed: Blackstone	
Universal Transverse Mercator Coordinates: UTM Zone 19 284157E 4669227N	Latitude: N 42° 08' 43.6"	Longitude: W 71° 36' 43.6"
Estimated commencement date: Summer 2008	Estimated completion date: Fall 2008	
Approximate cost: TBD	Status of project design:	0 %complete
Proponent: Upton Department of Public Works		
Street: 100 Pleasant Street		
Municipality: Upton	State: MA	Zip Code: 01568
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Donald J. Tata, P.E.		
Firm/Agency: Tata and Howard, Inc.	Street: 125 Turnpike Road	
Municipality: Westborough	State: MA	Zip Code: 01581
Phone: 508-366-5760	Fax: 508-366-5785	E-mail: info@tataandhoward.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): N/A

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes: Mass DEP, Upton Conservation Commission No _____

List Local or Federal Permits and Approvals:
Upton Conservation Commission- Order of Conditions
MassDEP- Pump Test Report/ Design Approval
Army Corps. Of Engineers – Consent to Easement

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 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 <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	25			
New acres of land altered		2 acres		
Acres of impervious area	0	1.0 acre	1.0 acre	
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		
STRUCTURES				
Gross square footage	0	7,000	7,000	
Number of housing units	0	0	0	
Maximum height (in feet)	0	20	20	
TRANSPORTATION				
Vehicle trips per day	0	1	1	
Parking spaces	0	1	1	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	396,000	396,000	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	0	2	2	

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 Please refer to Narrative) 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.)

Project Site

The proposed well site, located on approximately 25 acres, is currently a mixture of densely forested pines, undulating hills, an abandoned gravel operation and a wetland system adjacent to the West River. The project consists of the development and construction of up to five large diameter wells to create a wellfield network system. In addition to the wellfield, a remote pump control and treatment facility (approximately 7,000 sq. ft.) and associated water main from the station to the wells (approximately 650 linear feet) and to the Town's existing distribution system (approximately 10,000 linear feet) is proposed, along with an access road to the pump control station from West River Street. Water quality sampling for this site suggests that treatment may be required for the removal of iron and manganese. Treatment provisions would be included in the pump control station. Please refer to the enclosed site plan for the proposed layout of the wells, access road and pump station.

The Town of Upton is planning to develop this site as a means of addressing its long term water supply needs and to augment their existing Glen Avenue and West River Street water supply sources. The current maximum daily withdrawal volumes for the existing Glen Avenue wellfield and West River Street Well are 0.432 million gallons per day (mgd) and 0.317 mgd, respectively. It is not the intent of the Town to increase their overall permitted withdrawal volume, which is reflected in no requested increase in the Water Management Act Permit associated with this report. Rather, it is the intent of the Town to augment their existing supply sources to satisfy the recommendations of the Ten States Standards which is followed by the MassDEP. The Town is currently not able to satisfy their maximum daily demand (MDD) with the largest source (Glen Avenue Wellfield) off-line. An additional supply source will supplement the Town's existing sources, allow for increased flexibility in water management and aid in meeting future demands.

The majority of the proposed work is located outside of the buffer zone of the wetlands. No long term impacts associated with construction are anticipated due to the development of the wellfield and associated construction. Alterations to the site will be limited to approximately four acres and is associated with the construction of the items discussed herein. The access road to the site is proposed within the limits of the gravel pit and along an existing cleared pathway. The remainder of the site would stay forest pine growth.