



**Environmental
Notification Form**

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>12883</u>
MEPA Analyst:	<u>Arthur Pugsley</u>
Phone:	617-626- <u>1029</u>

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: New Source - Andreas Well		
Street: Indian Hill Street		
Municipality: West Newbury	Watershed: Merrimack River Basin	
Universal Transverse Mercator Coordinates:	Latitude: 42°47'32.73'' Longitude: 70°57'19.14''	
Estimated commencement date: Spring 04	Estimated completion date: Fall 04	
Approximate cost: \$1,800,000	Status of project design:	0 %complete
Proponent: Town of West Newbury		
Street: 381 Main Street		
Municipality: West Newbury	State: MA	Zip Code: 01985
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Mr. Paul B. Howard, P.E.		
Firm/Agency: Tata & Howard, Inc.	Street: 125 Turnpike Road	
Municipality: Westborough	State: MA	Zip Code: 01581
Phone: (508) 366-5760	Fax: (508) 366-5785	E-mail: phoward @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): Not Applicable

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

List Local or Federal Permits and Approvals: Order of Conditions. WMA Permit.
Order of Conditions and WMA Permit Pending submittal

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

- | | | |
|---|--|---|
| <input type="checkbox"/> Land | <input checked="" 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 checked="" 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"/> Superceding 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> <hr/> <hr/> <hr/>
Total site acreage	23.78			
New acres of land altered		0.07		
Acres of impervious area	0	0.02	0.02	
Square feet of new bordering vegetated wetlands alteration		0.0		
Square feet of new other wetland alteration		0.0		
Acres of new non-water dependent use of tidelands or waterways		0.0		
STRUCTURES				
Gross square footage 30'x30'	0	900	900	
Number of housing units	0	0	0	
Maximum height (in feet)	0	12	12	
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	144,000	144,000	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0	0	

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 Spotted Turtle – See attached correspondence from NHESP) 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: See attached correspondence with MHC) 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.*)

Introduction

The Town of West Newbury (Town) has one groundwater supply source located off Main Street in the northeastern portion of the distribution system. Due to the limited volume of water supplied from this source, the Town relies on the City of Newburyport to supplement water to meet existing demands. Due to potential growth in the City of Newburyport and the possibility of supplying water to Plum Island, the City may not have adequate water supply to service the Town, themselves and Plum Island. As such, the Town of West Newbury is proposing to construct a bedrock well as a new water supply source, the Andreas Well, in an effort to assist in meeting existing and projected water demands. It is the intent of Town to use the proposed well in conjunction with the existing water supply source to increase their water production to help meet current and projected water demands and reduce the amount of water purchased from Newburyport.

Construction Impacts and Mitigating Measures

The proposed work includes the installation of a pitless adaptor, a submersible well pump and motor at the well, the construction of a remote pump control/treatment facility (approximately 30 feet by 30 feet), and approximately 400 linear feet of 8-inch diameter transmission main and 4-inch diameter electrical and communication conduit from the well to the proposed pump control/treatment facility and the construction of approximately 5,100 linear feet of 12-inch diameter water main from the pump station along several existing roadways to the Town's existing water distribution system on Main Street. All work on the Andreas property will take place within the 100-foot discretionary buffer zone of the resource area. No work will take place within the wetlands. Therefore, no significant impact to the wetland's area is anticipated. Please refer to Narrative A for a more detail discussion of alternatives and mitigating measures.