

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 12972
 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: <i>Construction of Well No. 7, Easton, MA</i>		
Street: <i>Off Red Mill Road</i>		
Municipality: <i>Easton</i>	Watershed: <i>Taunton River</i>	
Universal Transverse Mercator Coordinates: <i>N 15262626, E 1054832 (U.S. Feet)</i>	Latitude: <i>42-00'-08"</i> Longitude: <i>71-09'-18"</i>	
Estimated commencement date: <i>Summer '03</i>	Estimated completion date: <i>Fall 2004</i>	
Approximate cost: <i>\$700,000</i>	Status of project design: <i>10 %complete</i>	
Proponent: <i>Easton Department of Public Works, Water Division</i>		
Street: <i>417 Bay Road</i>		
Municipality: <i>South Easton</i>	State: <i>MA</i>	Zip Code: <i>02375</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>Richard S. Johnson, 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>rjohnson@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. 11164) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. 11164) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- | | | |
|--|------------------------------|--|
| a Single EIR? (see 301 CMR 11.06(8)) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Special Review Procedure? (see 301CMR 11.09) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Waiver of mandatory EIR? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Phase I Waiver? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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 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 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				
New acres of land altered		1		
Acres of impervious area	0	0.71	0.71	
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	N/A	1,000	1,000	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	12	12	
TRANSPORTATION				
Vehicle trips per day	0	2	2	
Parking spaces	0	2	2	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	200	200	(Water Sampling)
GPD water withdrawal	0	468,000	468,000	
GPD wastewater generation/ treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	0	2,000 l.f., 0.38 miles	2,000 l.f., 0.38 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: Spotted Turtle (*Clemmys Guttata*) and a mussel (*Alasmidonta Undulata*)) 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: Canoe River Aquifer) 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 Easton 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 and a prolonged pumping test in an area formally known as Edward's Pit. All land necessary for the project is owned by the Town. The site, which lies in the Canoe River Watershed, is wooded upland and is near wetlands which border the Canoe River.

The Project will include one gravel-packed well, a pumping/treatment facility and access road from Red Mill Road. The facility will be single story of concrete block construction having a floor area of approximately 1,000 square feet.

Potential alternatives to the development of Well 7 include development at a different location, demand management via water conservation or regional approach to water supply.

The Town of Easton has conducted numerous test well programs throughout town over the past 20± years. Four sites within Town have been identified – Borderland State Park, Hockomock Swamp, Whitman Brook and the current site. DEM has been and will likely continue to be opposed to source development at Borderland State Park.

The Hockomock Swamp site, located downstream of the Town's landfill and within an ACEC, would have significant water quality and development obstacles to overcome. In addition, with the approval of New Bedford/Fall River MBTA commuter rail, this site may no longer be feasible. Whitman Brook site is no longer feasible due to recent land development nearby.

More recent groundwater exploration (1997) has identified three sites with water supply potential. Two are within the Queset Brook Aquifer near existing Town Wells 1, 2 and 4. Queset Brook Aquifer is now near maximum sustainable yield. The last site, within the Mulberry Brook Aquifer, could be in conflict with cranberry cultivation immediately downstream. While the Town is taking appropriate measures to preserve and protect land at these sites, all have development issues more stringent than the Well 7 site.

The Water Division has an active Demand Management/Water Conservation Program. The program has reduced unaccounted-for water to about 10 percent. The program has reduced average day use. The Water Division continues to focus on public education programs.

The Town has investigated regional (or out-of-town) sources of supply, including the Bluestone Regional Water Supply Project and possible expansion of the MWRA system. We understand that the Bluestone project initially

will treat 5 mgd of Taunton River water at a site in Dighton for use by water-short communities (such as Brockton, Norton, Mansfield and Sharon). The MWRA expansion to service Brockton may also be a regional supply option. However, timing of regional supplies for Easton's use is uncertain and not in the Town's control. Neighboring communities do not have sufficient supply to offer Easton. Therefore, development of Well 7 is necessary.