

ENF Environmental Notification Form

<i>For Office Use Only</i> Executive Office of Environmental Affairs	
EOEA No.:	<u>13778</u>
MEPA Analyst:	<u>Beiona Angus</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: Bridgewater Water Main Improvements		
Street: Portions of Elm and Pleasant Streets		
Municipality: Bridgewater	Watershed: Taunton River Basin	
Universal Transverse Mercator Coordinates: N/A – linear project	Latitude: N/A – linear project Longitude:	
Estimated commencement date: June 15, 2006	Estimated completion date: December 1, 2006 with final resurfacing done in Spring of 2007	
Approximate cost: \$1.9 million	Status of project design: 95%	%complete
Proponent: Bridgewater Water Department		
Street: 64 Central Square		
Municipality: Bridgewater	State: MA	Zip Code: 02324
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Nicole L. Sanford, Environmental Scientist		
Firm/Agency: Dufresne-Henry	Street: 136 West Street, Suite 203	
Municipality: Northampton	State: MA	Zip Code: 01060
Phone: 413-586-4776	Fax: 413-584-3157	E-mail: nsanford@dufresnehenry.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): None

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

Yes (Specify: DEP/Conservation Commission) No

List Local or Federal Permits and Approvals: Order of Conditions and Town Road Opening Permit

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 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 checked="" 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 type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: <u>Town Road Opening Permit</u> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Total site acreage				
New acres of land altered		0		
Acres of impervious area		0		
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		2,000 SF of temporary impact to riverfront area		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
WASTEWATER				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/ treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	2.71 miles of water main and 1.3 miles of sewer main	2.71 miles of water main to be replaced and no change to exiting sewer main	2.71 miles of water main and 1.3 miles of sewer main	

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 **Sent letter to NHESP to confirm**

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 **Sent letter to MHC to confirm**

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.*)

On behalf of the Bridgewater Water Department, this ENF is being submitted to the Secretary of Environmental Affairs pursuant to the Massachusetts Environmental Policy Act Regulations because the project exceeds the MEPA review threshold at 310 CMR 11.03 (11) (b), "any project within a designated ACEC, unless the project consists solely of a one single family dwelling." The objective of this project is to improve the water distribution system along portions of Elm and Pleasant Streets by abandoning existing 6" and 8" cast iron or asbestos cement water mains and installing new 12" and 16" ductile iron water mains. Approximately 4,092 linear feet of new 12" ductile iron water main will be installed within portions of Elm Street beginning at the intersection of Elm Street and Pleasant Street and 10,238 linear feet of 16" ductile iron water main will be installed within portions of Pleasant Street beginning at the intersection of Scotland Boulevard and Pleasant Street and ending at the intersection of Pleasant Street and South Street (Figure 1).

Portions of the proposed work are within the 100-foot buffer zone of bordering vegetated wetland and within previously disturbed riverfront area associated with tributaries of the Town River. The installation of the water main with associated water service and hydrant connections will occur mainly within the road right-of-way and will only temporarily impact 14,475 SF of the 100-foot buffer zone and 2,000 SF of previously disturbed riverfront area. There will be no permanent impacts to any wetland resource areas because all grades and cover types will be restored. Portions of these roadways do occur within the Hockomock Swamp Area of Critical Environmental Concern (Figure 4). New replacement water mains will be deflected over larger culverts, and if there is less than 4.5 feet of cover the pipe will be insulated.

There are no off-site alternatives associated with this project. The current water main within Pleasant and Elm street is too small and is resulting in poor fire flows. Therefore, since the existing problems are on-site (within Pleasant and Elm Streets) it is not feasible to install water mains elsewhere/off-site and address the existing problems.