

ENF

**Environmental
Notification Form**

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13664
MEPA Analyst: Deirdre Buckley
Phone: 617-626-1044

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: Watchaug Force Main Replacement Project		
Street: Michel St. to Pease Rd., and south to Watchaug Pump Station		
Municipality: East Longmeadow	Watershed: Connecticut	
Universal Transverse Mercator Coordinates: 1807 08 184 E (to 1807 07 574 E) 46 56 973 N (to 46 58 162 N)	Latitude: 42:2:21 (to 42:2:60) Longitude: -72:29:6 (to -72:29:30)	
Estimated commencement date: Spring 2006	Estimated completion date: Fall 2006	
Approximate cost: \$550,000	Status of project design: 75% complete	
Proponent: Town of East Longmeadow (DPW)		
Street: 60 Center Street		
Municipality: East Longmeadow	State: MA	Zip Code: 01028
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Robert Peirent, P.E.		
Firm/Agency: Tighe & Bond, Inc.	Street: 53 Southampton Road	
Municipality: Westfield	State: MA	Zip Code: 01085
Phone: 413-572-3261	Fax: 413-562-5317	E-mail: rpeirent@tighebond.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): NA

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

List Local or Federal Permits and Approvals: ACOE Programmatic General Permit; Order of Conditions from East Longmeadow Conservation Commission. Both permits have been issued and are included in Appendix F.

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 checked="" 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 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 checked="" 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	NA			
New acres of land altered		0 (work area previously altered)		
Acres of impervious area	NA	NA	NA	
Square feet of new bordering vegetated wetlands alteration		14,256 sf (temporary)		
Square feet of new other wetland alteration		NA		
Acres of new non-water dependent use of tidelands or waterways		NA		
STRUCTURES				
Gross square footage	NA	NA	NA	
Number of housing units	NA	NA	NA	
Maximum height (in feet)	NA	NA	NA	
TRANSPORTATION				
Vehicle trips per day	NA	NA	NA	
Parking spaces	NA	NA	NA	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	NA	NA	NA	
GPD water withdrawal	NA	NA	NA	
GPD wastewater generation/treatment	NA	NA	NA	
Length of water/sewer mains (in miles)	1.7 miles	0	1.7 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 (See letter from NHESP in Appendix D)

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.)

The Watchaug Force Main Replacement Project involves the replacement of an existing sanitary sewer force main in East Longmeadow. Upon completion of the new pipe installation, the existing pipe will be disconnected from the sewer system and abandoned in place. A Site Locus (Figure 1), FEMA Flood Zones Map (Figure 2) and Estimated Habitats of Rare Wetlands Wildlife & Certified Vernal Pools Map (Figure 3), which illustrate the project area and surrounding physical and environmental features, are provided in Appendix A.

The existing asbestos cement (AC) (a.k.a. transite) force main has been structurally compromised by age and poor condition. As a result, there have been pipe breaks several times within the past five years. The proposed project will eliminate the potential for pipe breaks, thus protecting the surrounding resource areas from negative water quality, public health and aesthetic conditions resulting from raw sewage being released from the pipeline.

This project will involve open-cut construction methods. Roughly 5,000 linear feet (lf) of 12-inch diameter PVC pipe will be installed, thus eliminating existing structural deficiencies and improving the integrity of the Watchaug Force Main System. The project will begin at the Watchaug Pump Station, continue northerly within the existing easement and footprint of the gravel access roadway, cross Pease Road and begin an approximately 2,000 lf cross-country section, ending at the southern end of Michel Street where it will connect to a previously installed pipeline. This work is detailed on Sheets 4-9 and 14 of the Site Plan Permit Set provided in Appendix G.

Wetlands at the site will be protected by silt fence and staked haybales. These erosion controls will be placed in a fashion that restricts the Contractor to the areas necessary to conduct the work. A restoration design has also been prepared for the Bordering Vegetated Wetland areas that will be temporarily disturbed. The restoration design was prepared in accordance with MADEP's Guidelines for Inland Wetland Replication and is included in Appendix E. The East Longmeadow Conservation Commission and U.S. Army Corps of Engineers have issued permits for the project (See Appendix F).

This work is part of a 9,100 linear foot force main replacement project. The additional 4,100 linear feet of force main replacement is proposed within an existing Town-owned paved roadway (Somers Road). The proposed work in Somers Road meets the MEPA definition of Replacement Project (301 CMR 11.02(2)) as this work is the in-kind replacement of an existing force main which does not increase potential environmental impacts nor does it require environmental permits. Under 301 CMR 11.01(2)(b)(3), review thresholds do not apply to Replacement Projects.