

**Commonwealth of Massachusetts**

Executive Office of Environmental  
Affairs ■ MEPA Office

**ENF**

**Environmental  
Notification Form**

<i>For Office Use Only</i>	
<i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<b>14294</b>
MEPA Analyst:	<b>Bill GAGE</b>
Phone:	<b>617-626-1025</b>

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: <b>Neponset Street Water Treatment Facility</b>		
Street: <b>480 Neponset Street</b>		
Municipality: <b>Canton</b>	Watershed: <b>Boston Harbor</b>	
Universal Traverse Mercator Coordinates: <b>UTM Zone 23 584509E 7921514N</b>	Latitude: <b>N 42° 09' 30"</b>	Longitude: <b>W 71° 8' 43"</b>
Estimated commencement date: <b>July 2008</b>	Estimated completion date: <b>December 2009</b>	
Approximate cost: <b>\$2.6 M</b>	Status of project design:	<b>25 %complete</b>
Proponent: <b>Canton Department of Public Works</b>		
Street: <b>801 Washington Street</b>		
Municipality: <b>Canton</b>	State: <b>MA</b>	Zip Code: <b>02021</b>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <b>Elizabeth Mainini</b>		
Firm/Agency: <b>Tata &amp; Howard, Inc.</b>	Street: <b>125 Turnpike Road</b>	
Municipality: <b>Westborough</b>	State: <b>MA</b>	Zip Code: <b>01581</b>
Phone: <b>508-366-5760</b>	Fax: <b>508-366-5785</b>	E-mail: <b>emainini@tataandhoward.com</b>

- 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):

- Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify: Canton Conservation Commission, Canton Planning Board, Canton Zoning Board, MassDEP, EPA, MWRA, NHESP, Mass Historical)  
 No

List Local or Federal Permits and Approvals:

Permit to Construct WTF – To be filed. Sewer Discharge Permit – To be filed.  
 Notice of Intent – To be filed. MESA – Filed 06/23/08.  
 Mass Historical – Filed 06/25/08.

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
<b>LAND</b>				<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 checked="" type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:  BRPWS 24 – Approval to Construct a Water Treatment Facility Equal to or Greater than One Million Gallons per Day  Building Permit – Building Dept.  Site Plan Approval – Canton Planning Board & Zoning Board  MESA – Natural Heritage
Total site acreage	15.4			
New acres of land altered		3		
Acres of impervious area	0.01	0.40	0.41	
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		
<b>STRUCTURES</b>				
Gross square footage	291 sq ft	10,880 sq ft	11,171 sq ft	
Number of housing units	0	0	0	
Maximum height (in feet)	30	Prop Bldg 27'	30	
<b>TRANSPORTATION</b>				
Vehicle trips per day	1	1	2	
Parking spaces	0	0	0	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	<1	1	<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 \_\_\_\_\_)  No See attached correspondence Attachment 4 and 5

**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 See attached correspondence (Attachment 6)

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: Fowl Meadow)  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

*Project History/Description*

*The Canton Department of Public Works owns and operates three groundwater wells in close proximity to the Neponset Street Well Site within the Boston Harbor Watershed to serve Canton, Massachusetts. Existing water mains connect all three wells to the site at various points. This project will include the additional water mains and a sewer main to connect the proposed water treatment facility to the existing mains on site and off Neponset Street.*

*The Town proposes to construct a new 2.5 million-gallon Water Treatment Facility (WTF) located at their Neponset Street Site in Canton, Massachusetts. The WTF will encompass approximately 10,880 square feet on a 15.4-acre parcel owned by the Town of Canton. The Town owns additional contiguous land on which the supply wells are located. The Water Treatment Facility at Neponset Street will provide treatment to all three wells and will be located on the 15.4 acre site. There will be a paved area adjacent to the loading dock accessed by the existing gravel driveway from the industrial park on Neponset Street (See Locus Plan, Attachment 1)*

*Alternatives*

*The Forest Street Well Site was also considered for construction of the water treatment facility since it contains the wells to be treated by the facility. This alternative was abandoned once it was determined that construction of the facility and associated grading could not be efficiently constructed outside of the bordering vegetated wetlands. Although the Neponset Street site will require work within the 100 foot wetland buffer and some minor grading at approximately 175 feet from the East Branch of the Neponset River, wetland alteration will not be required. Both the Neponset Street and Forest Street sites fall within Areas of Critical Environmental Concern and within the 100 year flood plain indicating no advantage to either site.*

Mitigating Measures

As a means of mitigation, environmental controls will be installed on site prior to construction. Haybales and siltation fence are proposed to prevent sedimentation from construction from entering adjacent resource areas.

Permanent stormwater management controls will be incorporated into the design in accordance with stormwater standards to manage stormwater runoff from additional paved and rooftop areas created by the project. A no-net increase in stormwater runoff is anticipated as a result of the project. The project will be designed to prevent post-construction impacts on the adjacent resource areas and floodplain. Stormwater quantity and quality will be managed using best management practices.

Potential short-term impacts to the resource areas due to construction together with appropriate mitigating measures, will be reviewed by the Canton Conservation Commission during the Notice of Intent Process. Construction will not commence until approval is received by both local and state authorities.

**LAND SECTION – all proponents must fill out this section**

**I. Thresholds / Permits**

A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1))  
\_\_\_ Yes  No; if yes, specify each threshold:

**II. Impacts and Permits**

A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	<u>0.01</u>	<u>0.25</u>	<u>0.26</u>
Roadways, parking, and other paved areas	<u>0.00</u>	<u>&lt; 0.01</u>	<u>&lt; 0.01</u>
Other altered areas (describe)*	<u>0.49</u>	<u>3</u>	<u>3.49</u>
Undeveloped areas	<u>14.91</u>	<u>3</u>	<u>11.91</u>

\*Other altered areas include a grading which will be loamed and seeded.

B. Has any part of the project site been in active agricultural use in the last three years?  
\_\_\_ Yes  No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use?  
\_\_\_ Yes  No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? \_\_\_ Yes  No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? \_\_\_ Yes  No; if yes, does the project involve the release or modification of such restriction? \_\_\_ Yes \_\_\_ No; if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? \_\_\_ Yes  No; if yes, describe:

G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes \_\_\_ No ; if yes, describe: