

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 13897
MEPA Analyst: Holly Johnson
Phone: 617-626-1023

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: Comprehensive Wastewater Management Plan (CWMP)		
Street: Multiple streets throughout the city of Taunton		
Municipality: Taunton	Watershed: Taunton River Watershed	
Universal Tranverse Mercator Coordinates: North American Datum (NAD) 1983	Latitude: 41.90° N Longitude: 71.09° W	
Estimated commencement date: 2007	Estimated completion date: 2015	
Approximate cost: \$90 million	Status of project design: 0 %complete	
Proponent: City of Taunton, Public Works Department, Fred Cornaglia		
Street: 90 Ingell Street		
Municipality: Taunton	State: MA	Zip Code: 02780
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Fred Cornaglia		
Firm/Agency: City of Taunton, Public Works Dept.	Street: 90 Ingell Street	
Municipality: Taunton	State: MA	Zip Code: 02780
Phone: 508-821-1434	Fax: 508-821-1437	E-mail:

- 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): **SRF Funding may be sought for all costs of the recommended plan (\$90 million).**

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 from Taunton Conservation Commission, NPDES Surface Water Discharge Permit – Modification, NPDES General Permit**

for Stormwater Discharges from Construction Activities, NPDES Remediation General Permit.

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 type="checkbox"/> Water | <input checked="" 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
Total site acreage ¹	Approx. 4,600			<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 checked="" 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: Massachusetts Endangered Species Act (MESA) Project Review (321 CMR 10.00) DEP Limited Plan Approval may be required (to be determined as design proceeds)
New acres of land altered		0.9		
Acres of impervious area ²		0.9		
Square feet of new bordering vegetated wetlands alteration ³		0		
Square feet of new other wetland alteration ²		3,400 sf of BLSF 2,400 sf of Riverfront Area		
Acres of new non-water dependent use of tidelands or waterways		0		
Gross square footage ²		37,700	37,700	
Number of housing units ²		0	0	
Maximum height (in feet) ²		25	25	
Vehicle trips per day	0	0	0	
Parking spaces	0	0	0	
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/ treatment	8.25 mgd (city-wide including IMAs)	+1.02 mgd ⁴ +1.43 mgd ⁵	10.7 mgd	
Length of water/ <u>sewer</u> mains (in miles)	Approx. 100 (city-wide)	+50	150	

Notes:

General note – Impacts are based on preliminary/conceptual designs prepared during the early planning phase of the proposed project and may change as design progresses.

- Includes the land area within all 14 wastewater priority needs areas throughout the city and the wastewater treatment facility (WWTF) site.
- Numbers presented only for proposed WWTF expansion and pump station buildings.
- Impacts to wetland resource areas are based on review of available wetlands mapping layers from Massachusetts Geographic Information System (MassGIS). Impacts to wetlands will be confirmed during design.
- Represents existing volume of wastewater generated in the priority needs areas plus flow associated with projected infill development over the next twenty years in these areas that would be added to the city's wastewater collection system under the proposed project.
- Represents additional 20-year projected flow from anticipated infilling within existing sewer areas and additional intermunicipal wastewater flow.

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 Based on review of the Massachusetts Natural Heritage & Endangered Species Program 2003 Natural Heritage Atlas and MassGIS datalayers, the project area includes portions of several Estimated Habitats of Rare Species [WH324, WH446, WH1097, WH2061, WH4105, WH6087, WH7049, and WH7502] and Priority Sites of Rare Species [PH1243, PH1297, PH1315, PH1316, PH1365, PH1377, PH1378, PH1387]; see Attachment C for respective pages from the Massachusetts Natural Heritage Atlas and Attachment D for correspondence from the Natural Heritage and Endangered Species Program (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 The Massachusetts Historical Commission (MHC) has identified several historic and archaeological sites in the project area that are included in the Inventory of Historic and Archaeological Assets of the Commonwealth. These sites are identified in the attached correspondence from the MHC (see Attachment) 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 Based on review of the MassGIS Areas of Critical Environmental Concern (ACEC) datalayer, portions of the following ACECs are located within the project area: Hockomock Swamp and 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.*)

This proposed project represents the recommended plan of the *Comprehensive Wastewater Management Plan (CWMP)* prepared for the city of Taunton, which was submitted in July 2005 to the Massachusetts Department of Environmental Protection (MA DEP). The city of Taunton's existing wastewater collection system consists of approximately 100 miles of sewer and a wastewater treatment facility (WWTF) that provides advanced secondary treatment. The recommended wastewater management plan involves implementing sewers within 14 wastewater priority needs areas throughout the city that are currently served by on-site wastewater disposal systems and expanding the existing WWTF to handle additional flow from these needs areas, as well as from projected infilling within existing sewered areas and projected additional intermunicipal flow.

Implementation of this project would aid existing residences and businesses in areas of the city currently experiencing failures of on-site systems and other areas considered unsuitable for long-term use of on-site disposal systems due to poor soil or groundwater conditions. It would also result in improved surface water and groundwater quality within priority needs areas, as the proposed project would eliminate the potential for individual septic system failures. Thus, the recommended plan would solve an immediate problem that the city faces. This recommended wastewater management plan is proposed by the city of Taunton in accordance with the requirements of Administrative Consent Order with the Commonwealth of Massachusetts, dated April 15, 2005 (ACOP-SE-R006-1N-SEP).

See "Attachment A" for a detailed project description. Due to the geographic area covered by the 14 priority areas, more than one page is included in Attachment A to provide an appropriate level of detail. The site plan provided in "Attachment B" is preliminary/conceptual. The locations of the facilities required for WWTF expansion, the proposed sewers, and the associated pump stations were primarily selected based on engineering requirements. Final locations will be determined as project design proceeds. Copies of the CWMP are available for public review at the Taunton Public Works Department offices (90 Ingell Street) and the Taunton Public Library (12 Pleasant Street).