

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.: <u>14390</u>
MEPA Analyst: <u>Bill GAGE</u>
Phone: 617-626- <u>1025</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: Mattapoissett Comprehensive Wastewater Management Plan (CWMP)		
Street: n/a		
Municipality: Mattapoissett	Watershed: Buzzards Bay	
Universal Tranverse Mercator Coordinates: 848290.29, 4620404.45	Latitude: 41°36'33.03"N	Longitude: 70°49'1.65"W
Estimated commencement date: December 2006	Estimated completion date: 2028	
Approximate cost: \$ 31 million	Status of project design: 0% complete	
Proponent: Town of Mattapoissett, Water & Sewer Department		
Street: 19 Country Road		
Municipality: Mattapoissett	State: MA	Zip Code: 02739
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Briony Angus		
Firm/Agency: Tighe & Bond	Street: 53 Southampton Road	
Municipality: Westfield	State: MA	Zip Code: 01085
Phone: (413) 845-1302	Fax: (413) 562-5317	E-mail: bangus@tighebond.com

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No

Note that at this time, Mattapoissett can only proceed with CWMP recommendations that are possible within available sewage capacity. The impacts of the initial recommendations do not exceed EIR thresholds.

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
EEA # 11116, 12152, 13422, 13737

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): Massachusetts Clean Water State Revolving Fund Low-Interest Loans in amounts to be determined

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

List Local or Federal Permits and Approvals:

The following permits will likely be required for projects implemented as part of the CWMP: NPDES Construction General Permit, Order of Conditions (MA Wetlands Protection Act), MADEP Sewer Extension Permit, Natural Heritage and Endangered Species Program (NHESP) review. The following additional other permits/approvals may also be required: Chapter 91, MassHighway Approvals, Massachusetts Historical Commission review, Coastal Zone Management Federal Consistency Review, Review pursuant to Section 401 and/or 404 of the Clean Water Act.

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

301 CMR 11.03(5)(a)(3) Construction of one or more New sewer mains ten or more miles in length. *

301 CMR 11.03(5)(b)(4)(a) New discharge or Expansion in discharge to a sewer system of 100,000 or more gpd of sewage, industrial waste water or untreated stormwater.

In addition to meeting wastewater thresholds, projects implemented as part of the CWMP may also exceed thresholds related to wetlands and rare species. The project is also subject to the MEPA Greenhouse Gas Emissions (GHG) Policy.

* Note that at this time, Mattapoisett can only proceed with CWMP recommendations that possible are within available sewage capacity. The impacts of the initial recommendations do not exceed EIR thresholds.

- | | | |
|---------------------------------|--|--|
| <input type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input checked="" 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 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
Total site acreage	n/a			
New acres of land altered		TBD		
Acres of impervious area	n/a	TBD	TBD	
Square feet of new bordering vegetated wetlands alteration		TBD		

Square feet of new other wetland alteration		TBD	
Acres of new non-water dependent use of tidelands or waterways		TBD	
STRUCTURES			
Gross square footage	n/a	TBD	TBD
Number of housing units	n/a	0	0
Maximum height (in feet)	n/a	0	0
TRANSPORTATION			
Vehicle trips per day	n/a	TBD	TBD
Parking spaces	n/a	TBD	TBD
WASTEWATER			
Gallons/day (GPD) of water use	520,000*	TBD	TBD
GPD water withdrawal	520,000*	TBD	TBD
GPD wastewater generation/treatment	271,100 gpd to WWTP 443,000 gpd to groundwater	475,000 gpd to WWTP -195,000 to Title 5 52,800 to non-Title 5	746,700 gpd to WWTP 247,000 gpd to Title 5 52,800 to non-Title 5
Length of water/sewer mains (in miles)	28.5 (sewer)	27.9 (sewer)	56.4 (sewer)

- Water Management Act Permit
- New Source Approval

- DEP or MWRA Sewer Connection/ Extension Permit
- Other Permits (including Legislative Approvals) – Specify:

See above

*Water flow from municipal water system only. Approximately 2/3 of residences are connected to the municipal water system, the remaining 1/3 have private wells.

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 (Portions of the Town of Mattapoisett are within areas of Priority and Estimated Habitat as indicated in the 13th Edition of the Natural Heritage Atlas. Please refer to Section 3.3.3.1 of the CWMP) 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 (Please refer to Table 3-11 in CWMP. Three historic sites listed in the State Register of Historic Places are located in Mattapoisett) 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.)*

Over the last 24 years the Town of Mattapoisett has been implementing recommendations established in a 1983 Water Pollution Control Facilities Plan. During this time the Town has amended an intermunicipal agreement (IMA) with Fairhaven for wastewater treatment and constructed over 9 miles of sewer and 6 pump stations. Much of this work has been performed to address septic system problems and protect coastal resources. This work has been reviewed by MEPA in previously submitted ENFs (EEA #11116, 12152, and 13422).

In recent years, many of the final recommendations of the 1983 plan have been implemented. In 2006 MassDEP requested that the Town prepare a new plan that addresses wastewater management issues for the next 20 years. The Comprehensive Wastewater Management Plan (CWMP) submitted as part of this ENF is the first step in a process that will evaluate existing conditions, identify wastewater needs, and propose solutions.

A number of wastewater management problems and challenges have shaped the Mattapoisett CWMP planning process including:

- 1996 Title V changes;
- Degraded surface water quality in local coastal embayments;
- The need for added sewage capacity; and,
- Poor soil conditions, high groundwater, and septic system failures
- Sewage capacity limit in the existing IMA

Mattapoisett has a number of wastewater planning needs that must be addressed by the CWMP process. Specifically, the CWMP has been undertaken for the following reasons:

- To evaluate and plan for the impacts of community growth on existing wastewater management systems over the next 20 years.
- To review community growth and development changes since the preparation of the last CWMP.
- To evaluate and quantify infiltration and inflow conditions within the existing sanitary sewer collection system.
- To review the wastewater needs of existing homes that are currently served by on-site septic systems.
- To evaluate the feasibility of on-site sewage disposal options for future growth areas and existing un-sewered areas with failing systems.

- To evaluate alternatives to traditional surface water disposal methods, including groundwater disposal and water reuse, with the intent of minimizing any increased discharge to the Fairhaven WWTF.
- To review the long-term effectiveness of regional disposal options, including the existing IMA with Fairhaven.

Upon completion of the CWMP process, it is anticipated that the Town will begin to implement the new plan in order to address the issues outlined above. Please see the attached narrative in Section 2 of this submittal for additional information.

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:

To be determined

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	n/a	TBD	TBD
Roadways, parking, and other paved areas	n/a	TBD	TBD
Other altered areas (describe)	n/a	TBD	TBD
Undeveloped areas	n/a	TBD	TBD

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:

H. Describe the project's stormwater impacts and, if applicable, measures that the project will take to comply with the standards found in DEP's Stormwater Management Policy: