

ENF Environmental Notification Form

<i>For Office Use Only</i>	
<i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>13152</u>
MEPA Analyst:	<u>Deirdre Buckley</u>
Phone:	617-626- <u>1044</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: Green Lodge Interceptor Sewer Replacement Canton, MA		
Street:		
Municipality: Canton, MA	Watershed: Neponset River	
Universal Transverse Mercator Coordinates:	Latitude: E 324050 Longitude: N 4673650	
Estimated commencement date: Summer 2004	Estimated completion date: Winter 2004	
Approximate cost: \$6.8 million	Status of project design:	10 %complete
Proponent: Town of Canton, Department of Public Works		
Street: 801 Washington Street		
Municipality: Canton	State: MA	Zip Code: 02021
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Mr. Steven E. Sylven, PE		
Firm/Agency: Vollmer Associates, LLP	Street: 38 Chauncy Street	
Municipality: Boston	State: MA	Zip Code: 02111
Phone: (617) 210-0436	Fax: (617) 451-3423	E-mail: ssylven@vollmer.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 _____) No

List Local or Federal Permits and Approvals: Federal Section 404 and Section 401 approvals. Order of Conditions from the Canton Conservation Commission.

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 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 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 checked="" 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 type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Total site acreage	± 13.5 acres			
New acres of land altered		N/A		
Acres of impervious area	N/A	N/A	0	
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration		183,270		
Acres of new non-water dependent use of tidelands or waterways		N/A		
STRUCTURES				
Gross square footage	N/A			
Number of housing units	N/A			
Maximum height (in feet)	N/A			
TRANSPORTATION				
Vehicle trips per day	N/A			
Parking spaces	N/A			
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal	N/A			
GPD wastewater generation/treatment	N/A			
Length of water/sewer mains (in miles)	1.80			

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 A portion of the alignment falls within Estimated Habitat:) 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 ENF is being sent to MHC for comment) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify: ENF is being sent to MHC for comment) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify Fowl Meadow – Ponkapoag Bog ACEC) 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.*)

- (a) **Project consists of the replacement of an existing 18-inch diameter gravity sewer with a 30-inch diameter gravity sewer, and the rehabilitation of a portion of the existing 18-inch sewer. The replacement sewer is proposed to correct existing deficiencies regarding capacity, inflow/infiltration, and pipe slope and condition. The total length of replacement sewer is approximately 9,500 linear feet of which approximately 800 feet is located within the Fowl Meadow-Ponkapoag Bog ACEC. Approximately 2,900 linear feet of sewer will be installed in Estimated Habitat.**
- (b) **The existing interceptor sewer falls within a wetland corridor associated with Ponkapoag Brook. The wetlands associated with the brook are often extensive, and alternative alignments that avoid the wetlands are not present. As the interceptor discharges to the MWRA Neponset Valley Interceptor, which falls within the ACEC and Estimated Habitat, alternative alignments that avoid traversing the ACEC and Estimated Habitat are not available. An alternative construction technology (pipe bursting) that would avoid open-cut excavation was investigated and determined to be impractical. This is because of the shallow depth of cover over the pipe, the subsurface soil conditions, and the lack of proven success increasing pipe size from 18 to 30-inches in diameter. The proposed project does, however, avoid significant wetland areas and impacts to a small pond on the brook by installing a portion of the replacement sewer in an easement to be secured on an adjacent country club. Discussions with the property owners that would permit construction are currently underway.**
- (c) **All conditions of the Canton Conservation Commission and the MNHESP will be incorporated into the contract documents. Construction will employ Best Management Practices and be restricted to a narrow construction corridor. The removal of vegetation will be restricted and the use of special construction procedures such as requiring the use of mats in critical areas of the corridor will be mandated. A detailed restoration plan will be prepared for all temporarily disturbed wetland areas. All other areas disturbed during construction will be restored to preconstruction elevations and conditions. Full time construction monitoring will be required. Post construction monitoring of all disturbed areas will be incorporated into contract documents.**