

**ENF Environmental Notification Form**

*For Office Use Only*  
*Executive Office of Environmental Affairs*  
 EOE No.: **13995**  
 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: County Road Water Main Extension Project		
Street: County Road		
Municipality: Town of Wareham	Watershed: Buzzard's Bay	
Universal Transverse Mercator Coordinates: N/A	Latitude: N/A Longitude: N/A	
Estimated commencement date: 5/2007	Estimated completion date: 8/2008	
Approximate cost: \$5.1 Million	Status of project design: 60 %complete	
Proponent: Wareham Fire District Water Department		
Street: 2550 Cranberry Highway		
Municipality: Wareham	State: MA	Zip Code: 02571
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Amy Coppers-Costantino		
Firm/Agency: S E A Consultants, Inc.	Street: 485 Massachusetts Avenue	
Municipality: Cambridge	State: MA	Zip Code: 02139
Phone: (617) 498-4747	Fax: (617) 498-4630	E-mail: amy.coppers@seacon.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:

Notice of Intent to be filed with the Towns of Wareham, Marion, and Rochester, MA.

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 type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>  House Bill No. 1939 - " <b>A Proposed Act Relative to the Wareham Fire District</b> " in order to install water mains outside Wareham town boundaries.
Total site acreage	3.1			
New acres of land altered		0		
Acres of impervious area	3.1	0	3.1	
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				
Number of housing units				
Maximum height (in feet)				
<b>TRANSPORTATION</b>				
Vehicle trips per day				
Parking spaces				
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	12,805	0	12,805	
GPD water withdrawal	12,805	0	12,805	
GPD wastewater generation/treatment	0	0	0	
Length of water mains (in miles)	148.3	8.7	157	

**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 **The proposed work will be located adjacent to estimated and priority sites of rare species**  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 \_\_\_\_\_ )  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 proposed project, to take place for the Wareham Fire District (WFD) in Wareham, MA, will extend potable water and fire protection service to County Road area by means of connections to existing mains in Fearing Hill Road, and Blackmore Pond Road and water main previously installed on County Road. The project consists of approximately 45,000 linear feet of water mains, hydrants and appurtenances, and will involve expansions to thirteen additional roads in the County Road vicinity.

Approximately 197 residential services will be connected to the new mains. The services will replace existing private well connections now serving this area. Several residents petitioned to the WFD to extend the municipal water system to that area due to poor water quality in their existing wells. Funding and authorization for the extension was approved at the District's annual meeting in April 2006.

Construction activities will take place within the paved and gravel surfaced streets and the roadway right-of-way (ROW). The water main will be 6-inch, 8-inch and 12-inch ductile-iron (DI) pipe and will be installed in excavated trenches, with the exception of one location where directional drilling will be required to install the proposed water main. On Blackmore Pond Road there is a stream crossing, Cohackett Brook, where due to existing site conditions, the water main must be installed by means of horizontal directional drilling. The stream crossing includes a large box culvert where the road narrows and curves, making the water main installation by trench excavation difficult and limited due to the sensitive nature of the stream and bordering vegetative wetlands. By implementing directional drilling methods, the wetlands on either side will not be impacted by the pipe installation, and all construction will take place within the road's ROW and beyond the buffer zone.

At all locations where construction will occur in the buffer zone of wetlands located adjacent to the roadways, the resource areas will be protected by sedimentation barriers to prevent any sedimentation and runoff from construction activities from entering the resource areas.

Though the project limits are within estimated and priority habitats of rare species, these habitats will not be altered or negatively impacted by the proposed construction. This project is exempt from the Massachusetts Endangered Species Act (MESA), which states the following as an exemption: "Installation, repair, replacement, and maintenance of utility lines (gas, water, sewer, phone, electrical) for which all associated work is within 10-feet from the edge of existing paved roads." The water mains located within habitats of rare species will either be installed within paved roadways or within 10-feet of the edge of pavement, meeting the requirements of this exemption.