

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 13184
 MEPA Analyst: Bill Gagne
 Phone: 617-626-1025

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: Sewer & Water Line Connection to Serve Existing Houses		
Street: 79 Boston Street (Route 1), Topsfield		
Municipality: Topsfield & Danvers	Watershed: North Coastal	
Universal Transverse Mercator Coordinates: 339308.362 E, 4719614.615 N	Latitude: 42° 36' 44" N	Longitude: 70° 55' 33" W
Estimated commencement date: 9/2003	Estimated completion date: 5/2004	
Approximate cost: \$900,000	Status of project design: 100 %complete	
Proponent: Health & Education Services, Inc		
Street: 131 Rantoul Street		
Municipality: Beverly	State: MA	Zip Code: 01915
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Daniel Ottenheimer		
Firm/Agency: Mill River Consulting	Street: 5 Blackburn Center	
Municipality: Gloucester	State: MA	Zip Code: 01930
Phone: 978-282-0014	Fax: 978-282-0012	E-mail: info@millriverconsulting.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)) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Special Review Procedure? (see 301CMR 11.09) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Waiver of mandatory EIR? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Phase I Waiver? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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 _____) No

List Local or Federal Permits and Approvals: Local: Sewer Connection Permit already obtained from Town of Danvers; Approval to expand service district already obtained from South Essex Sewage District; Approval to grant amended easement already obtained by vote of the Salem Beverly Water Supply Board. Federal: Release of interest already obtained from the Department of the Army & the Department of Health & Human Services.

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

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Land | <input 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 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 <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 <i>(including Legislative Approvals) – Specify:</i> Legislative approval to expand South Essex Sewage District boundaries
Total site acreage	8.9			
New acres of land altered		0		
Acres of impervious area	0.4	0	0.4	
Square feet of new bordering vegetated wetlands alteration		6,800		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	17x1,350 sq. ft = 22,950	0	17x1,350 sq. ft = 22,950	
Number of housing units	17	0	17	
Maximum height (in feet)	+/- 18'	0	+/- 18'	
TRANSPORTATION				
Vehicle trips per day	+/- 20	0	+/- 20	
Parking spaces	+/- 17	0	+/- 17	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	+/- 3,500	0	+/- 3,500	
GPD water withdrawal	0	0	0	
GPD wastewater generation/ treatment	3,500	0	3,500	
Length of water/sewer mains (in miles)	Water: 0.6 Sewer: 0.1	Water: 0.0 Sewer: 0.5	Water: 0.6 Sewer: 0.6	

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: Amendment of an existing easement for utilities to cross land of the Salem-Beverly Water Supply Board) 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

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.*)

(a) Description of Project Site: The site consists of an 8.9 acre parcel of land located off Route 1 in Topsfield, Massachusetts. The site was the former barracks for the soldiers who staffed the adjacent former NIKE missile launch facility. The existing 17 houses are currently used by a non-profit corporation, Health & Education Services, Inc. (HES), as housing and offices for behavioral health programs and must remain in such use as part of an agreement between the Federal government and HES.

The parcel is approximately 0.5 mi (0.8 km) north of the Danvers/Topsfield border and is located on the eastern side of Route 1. The site is located on the top and side of a hill which is bordered to the South by a public water supply (Putnamville Reservoir) and to the North by a wetland resource area which ultimately discharges to the intake pipe for another public water supply (Wenham Lake). The site is bordered to the east by the former NIKE missile launch area which was provided by the Federal government to the Salem-Beverly Water Supply Board (SBWSB). The water and sewer utility construction project is to occur on the 8.9 acre parcel owned by HES as well as on land to which HES has easements but which is owned by the Salem-Beverly Water Supply Board and by two individuals homeowners located in Danvers.

This work is being performed in accordance with Administrative Consent Order (ACO) #NE-00-1004 between the Massachusetts Department of Environmental Protection and HES to remove the point source discharge which existed on the parcel when the U.S. Army transferred responsibility of the site to HES in 1994. The current wastewater treatment and disposal system is being regularly maintained and properly functioning. At the conclusion of the project the point source discharge will be abandoned and all wastewater will flow to a sanitary sewer treatment facility.

(b) & (c) Alternatives and Impacts: To comply with the ACO, alternatives researched included rehabilitation of the existing treatment and point discharge system with submission of an NPDES permit application, installation of an onsite treatment and disposal system, installation of a wastewater holding tank and connection to a sanitary sewer. It was determined that connection to the sanitary sewer was the most economically feasible, was most protective of public health and environmental concerns, and was in line with the interests of the Salem-Beverly Water Supply Board to dispose of wastewater from these houses in an area away from the public water supply. Replacement of the water pipe and pump station serving the houses is proposed as a prudent activity owing to the history of malfunctions and the age of the existing water supply infrastructure built by the United States Army decades ago.

The project consists of dismantling an existing wastewater point source discharge and constructing underground utility enhancements including a sanitary sewer connection and a replacement water service. Connection to existing municipal water and sewer lines will occur at Lakeview and Locust Streets, respectfully, in the Town of Danvers. Construction will involve placement of a sewage pump station on the HES site, laying of approximately 0.4 miles of water and sewer pipe on land of the Beverly-Salem Water Supply Board, placing approximately 0.1 mile of pipe in an easement on two private parcels, and replacing an existing above ground water booster pump station with a below ground unit.

This project has already been approved by the following agencies: The Massachusetts Legislature which by special act authorized the South Essex Sewage District to expand its service area; The South Essex Sewage District which allowed expansion of its service area to include these existing houses; The Salem-Beverly Water Supply Board which allowed the use of its land to place the water and sewer lines; the Danvers Conservation Commission which issued an Order of Conditions for a wetlands crossing with one of the pipe lines; the Town of Danvers Engineering Department for connecting to the municipal sewer system; The United States Department of the Army for amending easement language and clarifying parcel disposition issues; the United States Department of Health & Human Services for amending easement language and clarifying parcel disposition issues; and the Massachusetts Department of Environmental Protection for issuing a Sewer System Extension/Connection Permit.

This project will remove a sanitary sewage discharge from an area of a public water supply and place the wastewater into a sewage treatment and disposal facility. By completing this effort, HES will maintain compliance with its ACO and will improve the public health and well being of the neighboring resource areas and water supplies.