

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 14197
MEPA Analyst: Anne Canada
Phone: 617-626-1035

ENF Environmental Notification Form

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: Birch Road Wellfield Re-development and Water Treatment Plant		
Street:		
Municipality: Framingham	Watershed: Sudbury	
Universal Transverse Mercator Coordinates: 19 303446E 4689015N	Latitude: 42.1949 N Longitude: 71.2312 W	
Estimated commencement date: 2005	Estimated completion date: 2010	
Approximate cost: \$20M	Status of project design: 10 %complete	
Proponent: Department of Public Works		
Street: 150 Concord Street Room 213		
Municipality: Framingham	State: MA	Zip Code: 01702
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Mary Beth Taylor		
Firm/Agency: S E A Consultants	Street: 5 Whittier St. Suite 6	
Municipality: Framingham	State: MA	Zip Code: 01701
Phone: 508-370-8256	Fax: 508-370-8259	E-mail: MaryBeth.Taylor@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

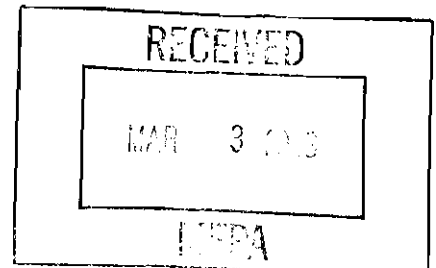
Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:

a Single EIR? (see 301 CMR 11.06(8))	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
a Special Review Procedure? (see 301 CMR 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): N/A

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 (Town of Framingham), EPA NPDES General Construction Permit



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 | 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
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 checked="" type="checkbox"/> Water Management Act Permit <input checked="" type="checkbox"/> New Source Approval <input checked="" type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	33.76 acres			
New acres of land altered		0.5 acres		
Acres of impervious area	1 acre	0.5 acres	1.5 acres	
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
STRUCTURES				
Gross square footage	2000 sq. ft.	30,000 sq. ft.	32,000 sq.ft.	
Number of housing units	0	0	0	
Maximum height (in feet)	15	25	40	
TRANSPORTATION				
Vehicle trips per day	1	8	9	
Parking spaces	0	10	10	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	500	500	
GPD water withdrawal	Existing capacity 4,500,000	200,000	4,300,000	
GPD wastewater generation/ treatment	0	40,000	40,000	
Length of water/sewer mains (in miles) Redundant Transmission Mains	0.5	0	0.5	

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

Please see attached letter from NHESP, dated June 3, 2005, Appendix.

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

Please see attached letter from NHESP, dated June 3, 2005, Appendix

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.*)

This project proposes the restoration of the Town of Framingham's existing Birch Road public water supply wellfield to active use from emergency status and the construction of a water treatment plant to treat the approved capacity. The historical existing hydraulic and pumping capacity is 4.5mgd, the rate of proposed withdrawal at this time is 4.3mgd. As illustrated on the site locus map, Figure 1 in Appendix, the wellfield is located in a former gravel pit near the Wayland town line. The project site was an active gravel pit from the 1800's until the 1930's, when the Town bought the land and built the wellfield. Due to poor water quality and no treatment, the wellfield's operation was changed from active service and placed in an emergency status in 1984. Since that time the Town has purchased water from the Metropolitan District Commission, now the Massachusetts Water Resources Authority.

Recently, the Town reviewed its water supply options, including reactivation of its emergency sources, the Birch Road wellfield. The process to return the Birch Road wellfield to active status began during the summer of 2004. A prolonged pumping test, "Source Final Report Birch Road Well Re-Activation, Framingham, Massachusetts", is included in the Appendix. Based on the site evaluation and the Town's desire to optimize their local public water supply, reactivation of the Birch Road wellfield to active status and the construction of a water treatment facility is economically viable.

The proposal is to re-activate the wellfield to just below its historic capacity and now includes building a water treatment plant. Treatment will be necessary prior to blending these local sources with MWRA water to also allow for compatible mixing.

The project is occurring in phases over the course of 6 years with the first phase being the installation of monitoring wells confirming the previous wellfield's capacity, surrounding receptors, water quality, and recharge boundaries. The Town met with MEPA and the MassDEP prior to this first phase to clarify and confirm that the course of action proposed with both agencies was appropriate.

This phase has been completed and the Source Final Report submitted to Mass DEP. The final design of the facilities will commence following acceptance by DEP of the Source Final Report; submittal of the Water Management Act permit application; and submittal of this ENF. The final design phase is estimated to take approximately 16-18 months to complete and be approved by MassDEP. The timeframe for construction is estimated at 24 to 30 months following contractor selection.