

ENF Environmental Notification Form

For Office Use Only
 Executive Office of Environmental Affairs
 EOE No.: **13148**
 MEPA Analyst: **Nick ZAVOLAS**
 Phone: 617-626-**1030**

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: Noblin Well | | |
| Street: Broadway | | |
| Municipality: Raynham | Watershed: Taunton | |
| Universal Tranverse Mercator Coordinates: 19 03 26 868 E 46 44 209 N | Latitude: 41° 55' 58" N | Longitude: 71° 05' 18" W |
| Estimated commencement date: 2004 | Estimated completion date: 2004 | |
| Approximate cost: \$500,000 | Status of project design: 5 %complete | |
| Proponent: North Raynham Water District | | |
| Street: 80 Baker Ave | | |
| Municipality: Raynham | State: MA | Zip Code: 02767 |
| Name of Contact Person From Whom Copies of this ENF May Be Obtained: David G. Harwood | | |
| Firm/Agency: Dufresne-Henry, Inc. | Street: 5 Lan Drive | |
| Municipality: Westford | State: MA | Zip Code: 01886 |
| Phone: (978)692-1913 | Fax: (978)692-4578 | E-mail: dharwood@dufresne-henry.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): **There will be no financial assistance or land transfer from the Commonwealth for this project.**

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

- List Local or Federal Permits and Approvals:
MA DEP New Source Approval
MA DEM Water Management Act Permit
MA DEP Wetlands Protection Act

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 |
|--|----------|---------|---------|---|
| 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 type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> |
| Total site acreage | 10± | | | |
| New acres of land altered | | .4 | | |
| Acres of impervious area | 0 | .015 | .015 | |
| 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 | | |
| STRUCTURES | | | | |
| Gross square footage | 0 | 900 | 900 | |
| Number of housing units | 0 | 0 | 0 | |
| Maximum height (in feet) | 0 | 10 | 10 | |
| TRANSPORTATION | | | | |
| Vehicle trips per day | 0 | 1 | 1 | |
| Parking spaces | 0 | 2 | 2 | |
| WATER/WASTEWATER | | | | |
| Gallons/day (GPD) of water use | 0 | 0 | 0 | |
| GPD water withdrawal | 0 | 680,000 | 680,000 | |
| GPD wastewater generation/ treatment | 0 | 0 | 0 | |
| Length of water/sewer mains (in miles) | 0 | 0.3 | 0.3 | |

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? **Response pending; according to most recent Natural Heritage and Endangered Species map the site does not include Estimated Habitat or Priority Sites of Rare Species.**

Yes 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 **See agency response in Section 3.**

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 North Raynham Water District (District) currently obtains water from four well sites; First Street Well and the King Phillip Wells Nos. 1, 2 and 3. In order to meet future water demand and to add operational flexibility, the District is proposing the development of a new well site off of Broadway Street in Raynham, Massachusetts, called the Noblin Well Site. The project exceeds the MEPA review thresholds at 310 CMR 11.03 (4) (b) (1) new withdrawal or expansion in withdrawal of 100,000 GPD from a water source that requires new construction for withdrawal. The Water Management Act requires a Water Withdrawal Permit Amendment because it is physically a new withdrawal point, however the permitted volume for the proposed well will be zero, since the withdrawal will be within the existing permitted volume of the North Raynham supply. There will be no overall increase in water withdrawal as a result of this project. The District has investigated numerous potential well sites and the selected viable option is the Noblin Well Site. This site has favorable hydrogeologic conditions for the proposed supply.

The proposed well field site is located adjacent to Pine Swamp Brook within the Taunton River Basin. This perennial stream flows eastward toward tributaries of Kings Pond and Forge River and eventually discharges to the Taunton River. The wells are located on an upland peninsula of soil that consists of Windsor loamy sand. The peninsula is surrounded by Pine Swamp with soils that consist of very poorly drained organic material. The site is currently undeveloped and vegetated, located off of Route 138 adjacent to an active gravel pit operation. Pine Swamp Brook flows from west to east along the southern side of the project area. The wells are located within glacial outwash deposits and also within the 100-foot buffer zone of bordering vegetated wetland and riverfront area (outer riparian zone).

The project proposes the construction of a 900 SF pump house and the installation of 3,000 feet of new water main to connect the new well to the existing distribution system. Work will take place within riverfront area and the 100-foot buffer zone of bordering vegetated wetlands. The majority of resource area alterations will be temporary. Specifically, ~ 50 SF of riverfront area and ~ 1,500 SF of buffer zone will be impacted due to the installation of water mains and the construction of the pumping station (see plans). No work will occur within the 100 year floodplain.

In conclusion, this project will not result in an increase in water withdrawal and will only result in a 0.4 acre increase in land altered. The project will not only improve the operational flexibility for the District, but will allow the District to meet future water demands for the residents of Raynham.