

Commonwealth of Massachusetts

Executive Office of Environmental Affairs ■ MEPA Office

ENF

Environmental Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>
EOEА No.: <u>12899</u> MEPA Analyst: <u>Bill GAGE</u> Phone: 617-626- <u>1025</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: Gravel-packed Well No. 9		
Street: Town Forest (north of Main Street and west of Morton Road)		
Municipality: Chatham	Watershed: Cape Cod Basin	
Universal Transverse Mercator Coordinates:	Latitude: 41°40'57" North Longitude: 70°01'46"	
Estimated commencement date: Winter 2002	Estimated completion date: Spring 2004	
Approximate cost: \$805,000	Status of project design: 70	%complete
Proponent: Chatham Water and Sewer Commissioners		
Street: 127 Old Harbor		
Municipality: Chatham	State: MA	Zip Code: 02633
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Maura Callahan		
Firm/Agency: Earth Tech	Street: 196 Baker Avenue	
Municipality: Concord	State: MA	Zip Code: 01742
Phone: (978) 371-4008	Fax: (978) 371-4008	E-mail: Mcallahan@earthtech.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): Not applicable

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify DEP New Source Approval, Water Management) No

List Local or Federal Permits and Approvals: Water Management Act Permit Amendment; New

Source Approval (rec'd January 4, 2002).

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
Total site acreage	Appr. 100	Appr. 100	Appr. 100	<input 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>
New acres of land altered	0	0.4	0.4	
Acres of impervious area	0	0.09	0.09	
Square feet of new bordering vegetated wetlands alteration	0	0	0	
Square feet of new other wetland alteration	0	0	0	
Acres of new non-water dependent use of tidelands or waterways	0	0	0	
Gross square footage	0	960 sq. ft	960 sq. ft	
Number of housing units	0	0	0	
Maximum height (in feet)	0	15 ft	15 ft	
Vehicle trips per day	0	2	2	
Parking spaces	0	2	2	
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	1.008 MGD	1.008 MGD	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0.10	0.10	

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 _____) 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 Town of Chatham is proposing to install a new municipal supply well, Well No. 9. The well site is located on a large piece of town-owned land in western Chatham (the "Town Forest"), approximately 300 feet south of an abandoned railroad and 850 feet north of the town's well field (Wells 1,2 and 3). The well is located at 41⁰40'57" north latitude and 70⁰01'46" west longitude. A Locus Map and Site Plan are included in Appendix A. The Town is pursuing development of Well No. 9 to add capacity, flexibility and reliability to their water supply system. Project activities include construction of gravel access road, installation of a gravel-packed supply well and associated water main and construction of a pumping station.

Well Installation

Gravel-packed Well No. 9 is proposed in the location of existing Test Well Site 24-99. The well will consist of a 24-inch diameter steel well casing and screen installed to depth of 70 feet. Artificial sand or gravel packing will be installed in the annular space around the well screen and pipe to a diameter of 36 inches to improve well efficiency. The well will be installed using a conventional truck- or trailer-mounted "pull down" drill rig. A small excavator, dump truck, flatbed pipe truck and pickup trucks will also be onsite from time to time during well construction. The well site is within a small clearing approximately 20 feet by 30 feet, which will be enlarged to approximately 40 feet by 40 feet to accommodate drilling equipment, supplies and construction materials. While some trees may need to be removed to facilitate work, large scale clearing is not anticipated.

Access Road Construction

Wells No. 1, 2 and 3 are serviced by an access road from Route 28. The town is proposing to extend this road 900 feet north from Well No. 3 to the Well No. 9 site. The layout of the proposed road is shown on the Site Plan (Appendix A). The construction of this road will require the clearing of trees along the alignment, minor regrading, and placing of up to 1 foot of gravel. The road will be approximately 14-foot wide to accommodate the drilling rig and construction vehicles, and chemical delivery trucks that will visit the well once it is operational.

Continued on next page.

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1))
 Yes No; if yes, specify each threshold:

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	0	960 sq. ft.	960 sq. ft.
Roadways, parking, and other paved areas	0	12,600 sq. ft.	12,600 sq. ft.
Other altered areas (describe)	_____	_____	_____
Undeveloped areas	_____	_____	_____

B. Has any part of the project site been in active agricultural use in the last three years?
 Yes No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use?
 Yes No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? Yes No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? Yes No; if yes, does the project involve the release or modification of such restriction? Yes No; if yes, describe:

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? Yes No; if yes, describe:

G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes No; if yes, describe:

H. Describe the project's stormwater impacts and, if applicable, measures that the project will take to comply with the standards found in DEP's Stormwater Management Policy: **Not Applicable**

I. Is the project site currently being regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? Yes No ; if yes, what is the Release Tracking Number (RTN)?

J. If the project site is within the Chicopee or Nashua watershed, is it within the Quabbin, Ware, or Wachusett subwatershed? Yes No; if yes, is the project site subject to regulation under the Watershed Protection Act? Yes No

K. Describe the project's other impacts on land: **Please refer to Insert 1 for a discussion on land impacts.**

III. Consistency

A. Identify the current municipal comprehensive land use plan and the open space plan and describe the consistency of the project and its impacts with that plan(s): **Please refer to Insert 1.**

B. Identify the current Regional Policy Plan of the applicable Regional Planning Agency and