



Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 13038
MEPA Analyst: Arthur Popsley
Phone: 617-626-1029

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: Dustin Well No. 7 and Prescott Well Nos. 8 and 9 Water Treatment Facility		
Street: 500 East Street		
Municipality: Mansfield	Watershed: Taunton	
Universal Tranverse Mercator Coordinates:	Latitude: N 42°-01'-50" Longitude: W 71°-11'-50"	
Estimated commencement date: 10/2003	Estimated completion date: 10/2004	
Approximate cost: \$5,400,000	Status of project design:	95 %complete
Proponent: Town of Mansfield Department of Public Works		
Street: 6 Park Row		
Municipality: Mansfield	State: MA	Zip Code: 02048
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Bob Chapell		
Firm/Agency: Woodard & Curran, Inc.	Street: 980 Washington St., Suite 325N	
Municipality: Dedham	State: MA	Zip Code: 02026
Phone: 781-251-0200	Fax: 781-251-0847	E-mail: rchapell@woodardcurran.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 301 CMR 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): DEP Drinking Water State Revolving Fund (DWRSF) Loan Program - \$6,500,000

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

List Local or Federal Permits and Approvals: Town of Mansfield Conservation Commission Order of Conditions and Town of Mansfield Planning Board Site Plan Approval

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

- | | | |
|---|--|--|
| <input type="checkbox"/> Land | <input checked="" 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 checked="" 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> BRPWS 24 Approval to Construct a Facility to Treat One Million Gallons per Day or Greater Application for Financial Assistance Drinking Water State Revolving Fund – Construction Stage BRPWM 09 Approval of NPDES Stormwater Pollution Prevention Plans for Construction Sites or Industrial Sites BRPWP 55 Sewer Connection/Extension for Industrial Wastewater not specified and covered by BWP IW 10,12,14,23,24 or 25
Total site acreage	43.1			
New acres of land altered		1.63		
Acres of impervious area	1.46	1.37	2.83	
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	9,500	19,400*	28,900	
Number of housing units	0	0	0	
Maximum height (in feet)	20	32*	32	
TRANSPORTATION				
Vehicle trips per day	214	96	310	
Parking spaces	45	16	61	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	200	39,600	39,800	
GPD water withdrawal	0	0	0	
GPD wastewater generation/treatment	200	39,600	39,800	
Length of water/sewer mains (in miles)	0.11/0.11	0.26/0.11	0.37/0.22	

*A new structure separate from the existing structure will be built on the site.

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 Philadelphia's Panic-grass) No

*Site is near habitat of "special concern"

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 Canoe River Aquifer) 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 consists of the construction of a new 2.88 MGD water treatment plant that will treat water produced by the Town's existing Dustin Well No. 7 and Prescott Well Nos. 8 and 9, and also the construction of a new water operations center, which will replace the Town's existing water operations center located elsewhere at the Cate Springs Well Site. The water operations center will also include a manual vehicle wash bay. The project site consists of a town-owned 43.1 acre site located on East Street (Route 106). The site of the new water treatment plant is primarily an undeveloped parcel that is contiguous to the Town's existing DPW garage and yard, a separate structure that will remain in operation, and Prescott Well Nos. 8 and 9. The new water plant/operations center will be located approximately 400 feet north of East Street (Route 106) to the rear of the Town's existing DPW garage in an area that was previously disturbed by DPW operations. Some minor portions of the paved driveway and stormwater detention pond(s) for the new structure will need to be located outside of the existing disturbed areas in treed land that is within the 100-foot buffer zone, but does not disturb the adjacent wetlands and natural area designated as being within the ACEC boundary. The proposed water treatment plant/operations center building will be approximately 20,000 square feet in area and will include approximately 40,000 square feet of paved parking and driveway area. Utility connections to the new water plant include approximately 580 feet of new water line connections and 1300 feet of sewer line connections.

On-site alternatives considered included locating the proposed water treatment plant in another location on the property. Impacts associated with this alternative would be greater since the alternative location would be undisturbed land having greater resource value.

Off-site alternatives included constructing two separate water treatment plants, one at the location of Dustin Well No. 7 site and a second at the location of Prescott Well Nos. 8 and 9. Impacts associated with this alternative would be greater since two locations would be impacted instead of the one site resulting in greater disturbance, construction costs and operational impacts.