

**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>	
EOEA No.:	<u>13430</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: Bear Meadow Wellfield, Whitman Ma		
Street: Oak Street		
Municipality: Whitman	Watershed: Taunton	
Universal Tranverse Mercator Coordinates: X: 341356 Y: 4659097	Latitude: N 42 Longitude: W 70	
Estimated commencement date: 2005	Estimated completion date: 2006	
Approximate cost: \$ 500,000	Status of project design: 30-50%	
Proponent: Town of Whitman, c/o John Pettinelli		
Street: P.O. Box 454		
Municipality: Whitman	State: MA	Zip Code: 02382
Name of Contact Person From Whom Copies of this ENF May Be Obtained: David Johnson		
Firm/Agency: P.M.P. Associates, LLC	Street: 200 North Bedford Street	
Municipality: East Bridgewater	State: MA	Zip Code: 02333
Phone: 508-378-3421	Fax: 508-378-8382	E-mail: dave@pmpassoc.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): Not Applicable

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

List Local or Federal Permits and Approvals: None received to date

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 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
<b>LAND</b>				<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 (including Legislative Approvals) – Specify:
Total site acreage	466 entire golf course			
New acres of land altered		< 1		
Acres of impervious area	N.A.	0.1	N.A.	
Square feet of new bordering vegetated wetlands alteration		Up to 15,000 (est)		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	N.A.	1,500	N.A.	
Number of housing units	N.A.	0	N.A.	
Maximum height (in feet)	N.A.	20	N.A.	
<b>TRANSPORTATION</b>				
Vehicle trips per day	N.A.	1	N.A.	
Parking spaces	N.A.	2	N.A.	
<b>WASTEWATER</b>				
Gallons/day (GPD) of water use	N.A.	0	N.A.	
GPD water withdrawal	N.A.	405,000	N.A.	
GPD wastewater generation/treatment	N.A.	0	N.A.	
Length of water/sewer mains (in miles)	N.A.	.34	N.A.	

**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 (Estimated Habitat, Priority Habitat)  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 Whitman is seeking approval of a 405,000 GPD municipal well on property of Jon Ridder located between the Ridder Country Club Golf Course and Bear Meadow in Whitman. Previously installed test wells have demonstrated an unusually high yield for bedrock wells in Massachusetts. Close to the most productive test well, a 12-inch diameter production well (PW-1) was installed with a steel casing sealed into the bedrock. PW-1 is the subject of this filing.

A Site Exam was successful and led to the approval of a Pumping Test Plan in 2002. Pumping tests were completed in 2004. New source approval for this well is being requested so that water can be pumped from the well into the adjacent public water system of Whitman. The water is of high quality, with one exception. Manganese, a common constituent of groundwater throughout Massachusetts, is present at concentrations about 6 times higher than the Federal Secondary Maximum Contaminant Level (SMCL). This water will require treatment to remove the manganese before it can be introduced into the Whitman distribution system. Therefore, a small water treatment plant is also proposed.

The water systems serving Whitman and Brockton are connected through the pipeline from Brockton's Silver Lake treatment plant. Both Brockton and Whitman have experienced water shortages and have been very much involved in demand management over at least the last two decades. The additional water that can flow from the proposed Bear Meadow wellfield will be a most welcome, albeit small, addition to the sources that already serve Brockton and Whitman. Furthermore, because use of this water by Whitman will reduce water demand on the current Brockton/Whitman supply from Silver Lake, in Pembroke it will have the effect of decreasing withdrawals from Silver Lake (a grandfathered inter-basin transfer) by 405,000 gallons per day.