

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 12980
MEPA Analyst: Arthur Pugsley
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: <i>Improvements to Brewster Gardens and Appurtenant Work</i>		
Street: <i>Water Street</i>		
Municipality: <i>Plymouth</i>	Watershed: <i>Town Brook</i>	
Universal Transverse Mercator Coordinates:	Latitude: <i>41-57'-24"</i> Longitude: <i>70-39'-51"</i>	
Estimated commencement date: <i>9/03</i>	Estimated completion date: <i>5/04</i>	
Approximate cost: <i>\$500,000</i>	Status of project design: <i>95</i> %complete	
Proponent: <i>Town of Plymouth – DPW, Parks & Forestry Division</i>		
Street: <i>11 Lincoln Street</i>		
Municipality: <i>Plymouth</i>	State: <i>MA</i>	Zip Code: <i>02360</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>Richard S. Johnson, P.E.</i>		
Firm/Agency: <i>Amory Engineers, P.C.</i>	Street: <i>PO Box 1768, 25 Depot Street</i>	
Municipality: <i>Duxbury</i>	State: <i>MA</i>	Zip Code: <i>02331</i>
Phone: <i>(781) 934-0178</i>	Fax: <i>(781) 934-6499</i>	E-mail: <i>rjohnson@amoryengineers.com</i>

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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?

Yes (Specify: *Plymouth Conservation Commission, ACOE, DEP, MCZM*) No

List Local or Federal Permits and Approvals: Submitted a Notice of Intent, Chapter 91 License Application, 401 Water Quality Certification and an ACOE Permit Application. Also sent letter to MCZM for consistency review.

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MEPA

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 checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input 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 checked="" 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 checked="" type="checkbox"/> Chapter 91 License <input checked="" 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 type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits (including Legislative Approvals) – Specify: ACOE – Department of the Army Permit
Total site acreage	2.69±			
New acres of land altered		1.94±		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		15,825 land under water		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	N/A	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 (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 (*Plymouth Village Historic District (listed October 12, 1995) and the Town Brook Historic and Archeological District (listed June 2, 1982)*) 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 main objective of this project is to revitalize Brewster Gardens by correcting the erosion that has deteriorated the park to an almost unusable open space. To accomplish this goal, subsurface geotextiles will be used to stabilize the banks of Town Brook and the land within the park. The banks of the brook will be reshaped, and when completed will contain a geocellular confinement system overlain with riprap to stop lateral land movement into the brook. The ground landward of the banks will be covered with a geogrid matting system and the grade of the park will be raised with gravel, loam and seed at depths of up to two feet.

A new drainage system will be installed to intercept surface runoff and groundwater flow from within the park and the sidehill slopes around it. Portions of the drainage will be discharged directly to Town Brook with the remainder to be routed through the "Maiden Pond" to eliminate stagnant pond water conditions and improve the overall water quality of the pond. The pond currently is partially spring fed but also collects runoff from the surrounding slopes. The project will direct more of the runoff from the slopes into the pond. The pond will be cleaned out and its banks will be reinforced similar to the banks of Town Brook. The drainage ditch that drains the pond into Town Brook will also be widened and have the banks reinforced. Overgrown shrubs around the pond and drainage ditch will be removed and replaced with smaller vegetation that is better suited for the area.

The stone wall bank on the south side of the brook from Route 3A to Market Street is deteriorated and will be reinforced with dumped riprap along its face. The brook's gravel bottom in this area is stable and can support the riprap without a geotextile support system. Some grading and subsurface drainage improvements are also proposed for this area of the park.

The area west of Market Street will see some minor improvements limited to loaming and seeding some overgrown areas and localized wall repair along Town Brook.

Stone dust footpaths throughout Brewster Gardens will remain in approximately the same locations but will be rebuilt to allow for better access throughout the park.

All proposed improvements are shown on the attached plans entitled "Improvements to Brewster Gardens Park and Appurtenant Work."