

Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF

**Environmental
Notification Form**

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13596
MEPA Analyst: Bill GAGE
Phone: 617-626-1025

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: Upstream repairs and improvements to Bolivar Pond Dam		
Street: Bolivar Street		
Municipality: Canton	Watershed: Neponset River Basin	
Universal Transverse Mercator Coordinates:	Latitude: 229686 Longitude: 877971	
Estimated commencement date: Fall 2005	Estimated completion date: Spring 2006	
Approximate cost: \$300,000	Status of project design: 100 %complete	
Proponent: Department of Public Works		
Street: 801 Washington Street		
Municipality: Canton	State: MA	Zip Code: 02021
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Michael Trotta		
Firm/Agency: Department of Public Works	Street: 801 Washington Street	
Municipality: Canton	State: MA	Zip Code: 02021
Phone: 781-821-5023	Fax: 781-821-2871	E-mail:

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 _____) No

List Local or Federal Permits and Approvals:

Con Com
Mass Historical Commission

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

- Land
- Water
- Energy
- ACEC

- Rare Species
- Wastewater
- Air
- Regulations

- Wetlands, Waterways, & Tidelands
- Transportation
- Solid & Hazardous Waste
- Historical & Archaeological Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<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 type="checkbox"/> Water Management Act Permit <input 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	0.057Ac			
New acres of land altered		N/A		
Acres of impervious area	N/A	N/A	N/A	
Square feet of new bordering vegetated wetlands alteration		0.042Ac		
Square feet of new other wetland alteration		N/A		
Acres of new non-water dependent use of tidelands or waterways		N/A		
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 (Specify The former Ames Shovel Shop Factory) 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.*)

In January of 2004 a portion of the existing wall along the upstream dam face of Bolivar Pond dam collapsed into Bolivar Pond. The Town was issued an order on March 12, 2004 by the Office of the dam Safety, a division of the Massachusetts Department of Conservation and Recreation to repair the dam.

The proposed work involves repairs and modifications to the upstream face of the dam, a main spillway about 200 ft. east of the main dam and an emergency dam located about 150 ft. southeast of the spillway. The dam is a retained by an earth/rockfill embankment. The upstream side of the embankment is mostly retained by an old stone masonry wall, a portion of which has failed. The down stream embankment face is mostly retained by the wall of a historic building – the former Ames Shovel Shop Factory. The dam spillway originally consisted of a twin gated (two weirs comprised of changeable wooden boards) concrete/rock raceway The weir structure was temporarily removed in the Spring of 2004. The emergency spillway consists of an approximately 30" PVC pipe in an uncovered drywell or manhole located on the Town beach/recreation land.

This proposed project involves work in 3 different locations. Work is shown on a set of plans included with this ENF prepared by Stevens Associates dated 7/7/2005

Area 1 involves repairs to the upstream wall of the dam which involves reconstruction of a small area of roadway, sidewalk and curb. The section of the stone parapet that has failed will be reconstructed along with new filling and grading. See Sheet 3 of 8 for the details.

Area 2 involves repairing the outlet and installation of a flash rack and flash boards. There will also be grading and rip-rap done to the auxiliary outlet. See Sheet 6 of 8 and part of Sheet 7 of 8 for details.

Area 3 involves the installation of flash rack and flash boards to the spillway. See part of Sheet 7 of 8 for details.