

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: *14434*
 MEPA Analyst: *Purvi Patel*
 Phone: 617-626-*1029*

ENF

Environmental Notification Form

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: Marchesio Park Channel Improvements		
Street: West of Dalton Road and South of McIntosh Drive		
Municipality: Pittsfield	Watershed: Housatonic	
Universal Transverse Mercator Coordinates:	Latitude: 42°27'86"N Longitude: 73°12'70"W	
Estimated commencement date: 9/1/2009	Estimated completion date: 6/1/2010	
Approximate cost: \$200,000	Status of project design: 90 %complete	
Proponent: City of Pittsfield, Department of Public Works and Utilities		
Street: City Hall, 70 Allen Street		
Municipality: Pittsfield	State: MA	Zip Code: 01201
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Neil Kulikauskas		
Firm/Agency: S E A Consultants Inc.	Street: 200 Corporate Place	
Municipality: Rocky Hill	State: CT	Zip Code: 06067
Phone: 860.563.7775	Fax: 860.563.6744	E-mail: neil.kulikauskas@seacon.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 301CMR 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):
 None.

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

List Local or Federal Permits and Approvals:
Notice of Intent, Army Corps of Engineers PGP, DEP 401 WQC BRP 10, DEP 401 WQC BRP 08

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 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 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 <i>(including Legislative Approvals) – Specify: Army Corps PGP</i>
Total site acreage	18.4			
New acres of land altered		1.88		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		29,819		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0	0	
TRANSPORTATION				
Vehicle trips per day	0	0	0	
Parking spaces	0	0	0	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0		

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.*)

Existing Conditions

Brattle Brook runs along the northern edge of Marchesio Park, behind several residences located on McIntosh Drive. Under large storm events, the stream easily creates a local flooding condition for the residences at 112 to 136 McIntosh Drive.

The existing channel is a natural channel with cobbles, gravel and moderate vegetation. The cross-section varies in size from approximately 6 to 8 feet bottom width and a depth varying from 12" to 4 feet. The channel has received significant sediment loading from upstream stormwater collection systems, which has significantly reduced its capacity. The narrow and shallower sections of the channel where the capacity is limited, correspond to the locations of observed flooding.

The City has constructed some improvements in an attempt to prevent stormwater from entering the properties on McIntosh Drive. A 24-inch HDPE pipe was installed as a means of a bypass device around 1999. Sometime after this installation, a sandbag berm was placed at its inlet to further direct stormwater flows into the pipe and away from the private properties. None of these improvements have created a significant improvement in the local flooding condition.

Project Summary

To minimize the frequency of future flooding, the channel will be widened to increase capacity while maintaining the existing horizontal alignment. A trapezoidal channel design is proposed with a 12-foot bottom width and 2:1 side slopes. A berm will be constructed along the north bank to further protect the residences to the north under larger (~10 year) storm events. The south bank will be constructed to a minimum 2-foot depth to match existing. Under larger events (>10 year) the stream will overtop the banks to the south similar to current conditions. The stream bottom will be stabilized using medium sized riprap material similar to existing conditions (d50=8", dmax=18"), and the banks will be vegetated.

Approximately 255 cubic yards (CY) of material will be excavated from the stream to create the desired channel configuration. Also, approximately 158 CY of material will be removed from the proposed grading and restoration work outside of the bank. This results in a net cut of approximately 413 CY overall from the project.

An extensive restoration and replication plan has been prepared to mitigate impacts to wetland resource areas. This work is described on the project plans and in the Wetland Restoration Report prepared by New England Environmental Inc.

The existing pedestrian bridge will be removed and replaced. A 24-inch storm drain outfall from the north will be relocated. A concrete culvert end and riprap scour hole will be constructed at the outfall.

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___	___0___	___0___
Roadways, parking, and other paved areas	___0___	___0___	___0___
Other altered areas (describe)	___0___	___0___	___0___
Undeveloped areas	___1.9___	___0___	___1.9___

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: See project description.

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)?