



**Environmental
Notification Form**

For Office Use Only
Executive Office of Environmental Affairs
EOEA No.: 13934
MEPA Analyst: DEIRDRE BUCKLEY
Phone: 617-626-1044

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: Town Pond		
Street: 100 Main Street - Rear		
Municipality: Norfolk	Watershed: Charles River Watershed	
Universal Tranverse Mercator Coordinates:	Latitude: 042° 07' 15.09" N Longitude: 071° 19' 12.65" W	
Estimated commencement date: May 2007	Estimated completion date: May 2009	
Approximate cost: \$ 3,000.00	Status of project design: 100 %complete	
Proponent: Town of Norfolk – Recreation Department		
Street: One Liberty Lane – PO Box 282		
Municipality: Norfolk	State: MA	Zip Code: 02056
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Lee Lyman, President		
Firm/Agency: Lycott Environmental, Inc.	Street: 600 Charlton Street	
Municipality: Southbridge	State: MA	Zip Code: 01550
Phone: (508) 765-0101	Fax: (508) 765-1352	E-mail: lycottinc@aol.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): **N/A**

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

List Local or Federal Permits and Approvals:
WPA Form 5 – Order of Conditions; BRP WM 04 – Herbicide Application Approval

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 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 checked="" type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input checked="" 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	< 1 acre			
New acres of land altered		0		
Acres of impervious area	0	0	0	
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	N/A			
Number of housing units	N/A			
Maximum height (in feet)	N/A			
TRANSPORTATION				
Vehicle trips per day	N/A			
Parking spaces	N/A			
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal	N/A			
GPD wastewater generation/treatment	N/A			
Length of water/sewer mains (in miles)	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 _____) 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 Norfolk – Recreation Department has retained Lycott to submit a Notice of Intent for the management of Common Reed (*Phragmites*) along the shoreline of Town Pond, which is a waterbody that measures less than one acre.

The primary purpose of the management program is to reduce and possibly eliminate as many of the *Phragmites* plants as practicable. It is anticipated that roughly 90% of the current *Phragmites* plants will be reduced. There are areas of *Phragmites* stands growing around the shoreline of Town Pond. Left unmanaged, these plants will outcompete more indigenous plant species altering the hydrology in the area, as well as the plant and wildlife habitat.

Lycott and others have tried various techniques to manage this plant, such as burning, cutting and harvesting, cutting and covering with plastic sheeting, as well as removal with equipment such as hydro-rakes and backhoes. None of these techniques have successfully or significantly reduced/eliminated *Phragmites*. The only techniques that have been successful include: (1) increasing the salinity of the water the *Phragmites* is exposed to, which in this case is not feasible; and (2) the use of US EPA registered and state-approved herbicides.

We have evaluated various management techniques and the only viable technique for the effective management of the *Phragmites* is the use of US EPA registered and state-approved herbicides. Lycott will submit a permit application to the MA Department of Environmental

Protection (DEP), Division of Watershed Management. It is anticipated that the treatment program will commence during the fall of 2007. This will involve the use of an herbicide with the active ingredient glyphosate. The treatment will be undertaken by a licensed applicator.

Limited Project Status

The management of the invasive aquatic vegetation in this waterbody is within the provisions of a limited project 310 CMR 10.53 (4). This section of the regulations specifies, "Such projects include, but are not limited to, the removal of aquatic nuisance vegetation to retard lake and pond eutrophication and the thinning or planting of vegetation to improve habitat value".

Treatment Methodology

The herbicide AquaPro (active ingredient glyphosate), can effectively manage this plant given the appropriate weather conditions, and applied by a licensed applicator. We propose treating the Phragmites stands with a $\frac{3}{4}$ to 1% solution of AquaPro. The material will be mixed in the mixing tanks and with the use of a backpack sprayer, the herbicide will be applied directly onto each individual plant with a hand-held wand. Weather conditions will dictate the direction the herbicide will be applied. Special care will be used to minimize the drift so that non-target plants will not be affected.

The treatments will be conducted twice a year; once during late August/early September and a second time during late April/early May.