

**Commonwealth of Massachusetts**  
 Executive Office of Energy and Environmental Affairs  
 Massachusetts Environmental Policy Act (MEPA) Office

**Environmental Notification Form**

*For Office Use Only*

EEA#: 159-31

MEPA Analyst: Alex Steysky

*The information requested on this form must be completed in order to submit a document electronically for review under the Massachusetts Environmental Policy Act, 301 CMR 11.00.*

**Project Name: Lancelot Lake Dam Improvements Project**

**Street Address: Sir Galahad Drive**

**Municipality: Becket**

**Watershed: Westfield**

**Universal Transverse Mercator Coordinates:  
659552.14 E 4680637.46 N**

**Latitude: 42.261633**

**Longitude: -73.065543**

**Estimated commencement date: June 2019**

**Estimated completion date: October 2019**

**Project Type: Dam Improvements**

**Status of project design: 100 %complete**

**Proponent: Howard Lerner (Sherwood Forest Lake District)**

**Street Address: P.O. Box 633**

**Municipality: Becket**

**State: MA**

**Zip Code: 01223**

**Name of Contact Person: Melissa Coady**

**Firm/Agency: Tighe & Bond, Inc.**

**Street Address: 53 Southampton Road**

**Municipality: Westfield**

**State: MA**

**Zip Code: 01085**

**Phone: 413-572-3224**

**Fax: 413-562-5317**

**E-mail: MPCoady@tighebond.com**

Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?

Yes  No

If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you 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

*(Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)*

Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)?

- **301 CMR 11.03(3)(b)(1)(f): Impacts ½ or more acres of any other wetland (LUWW)**

Which State Agency Permits will the project require?

- **Chapter 253 Permit (Office of Dam Safety)**
- **Wetland Protection Act Superseding Order of Conditions (MassDEP)**

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:

**The project has received a \$52,500.00 grant from the Massachusetts Dam and Seawall Fund at the Executive Office of Energy and Environmental Affairs.**

Summary of Project Size & Environmental Impacts	Existing	Change	Total
<b>LAND</b>			
Total site acreage	9.62 acres		
New acres of land altered		0.82 acres <sup>1</sup>	
Acres of impervious area	N/A	N/A	N/A
Square feet of new bordering vegetated wetlands alteration		225 sf	
Square feet of new other wetland alteration		2.2 acres <sup>2</sup>	
Acres of new non-water dependent use of tidelands or waterways		N/A	
<b>STRUCTURES</b>			
Gross square footage	N/A	N/A	N/A
Number of housing units	N/A	N/A	N/A
Maximum height (feet)	N/A	N/A	N/A
<b>TRANSPORTATION</b>			
Vehicle trips per day	N/A	N/A	N/A
Parking spaces	N/A	N/A	N/A
<b>WASTEWATER</b>			
Water Use (Gallons per day)	N/A	N/A	N/A
Water withdrawal (GPD)	N/A	N/A	N/A
Wastewater generation/treatment (GPD)	N/A	N/A	N/A
Length of water mains (miles)	N/A	N/A	N/A
Length of sewer mains (miles)	N/A	N/A	N/A
Has this project been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			
Has any project on this site been filed with MEPA before? <input type="checkbox"/> Yes (EEA # _____) <input checked="" type="checkbox"/> No			

<sup>1,2</sup> The Project will result in 0.82 acres of direct construction-related impacts and approximately 1.38 acres of temporary secondary impacts during water level drawdown.

## **GENERAL PROJECT INFORMATION – all proponents must fill out this section**

### **PROJECT DESCRIPTION:**

Describe the existing conditions and land uses on the project site

The Project Site is at and around Lancelot Lake and the Lancelot Lake Dam, which is located between Sir Galahad Drive and Maid Marian Lane in the Sherwood Forest Lake District in the Town of Becket, Berkshire County, Massachusetts. The dam is owned by Sherwood Forest Lake District and is situated within Becket Assessors Map 216 and 217 on Parcels 225 and 66, respectively.

Lancelot Lake Dam structure is located at coordinates 42.261633, -73.065543. Work will be performed on the dam and the areas approximately 20 feet upstream and downstream of the dam embankment between the impoundment and Sir Galahad Drive, and in order to do the work there will be a temporary drawdown (partial) of the impoundment.

The Project Site is generally surrounded by forested land and single-family residential lots. Lancelot Lake, a manmade impoundment, was created for and is still used for recreational and fire protection (source of water) purposes.

Describe the proposed project and its programmatic and physical elements:

The following structural and other technical deficiencies at the Lancelot Lake Dam were observed during the 2014 Phase I inspection:

- Trees and brush exist on the upstream and downstream sides of the embankment and within 20-feet of the dam
- No functioning low level outlet
- Left abutment lower than the dam crest
- The dam crest needs improved grass cover or improved pathway for pedestrians
- Wet area below the dam toe

The proposed project is intended to address these deficiencies and bring the dam into compliance with the current Massachusetts Office of Dam Safety Regulations. To that end, the scope of physical work entails the following activities:

- Remove woody vegetation on and within 20 feet of the dam and dam embankment.
- Construct an operable low-level outlet and associated low-level outlet channel to convey flows away from the dam embankment when operated or otherwise utilized.
- Re-grade the dam crest, as needed; loam and seed to establish a uniform grass cover, and construct a uniform walking path.
- Reconstruct the existing spillway to improve its capacity to convey the required design storm event.

While some work will occur within discrete dewatered work areas within coffer dams (i.e., spillway reconstruction), other work will occur in the dry due to a temporary construction-period drawdown of the impoundment.

Describe the on-site project alternatives (and alternative off-site locations, if applicable), considered by the proponent, including at least one feasible alternative that is allowed under current zoning, and the reasons(s) that they were not selected as the preferred alternative:

Zoning is not applicable to, and therefore is not a limitation for, the proposed project.

Alternatives to the proposed project are detailed in Section 4 of the attached narrative and include the following:

- No Action
- Dam Improvement
- Dam Removal

In addition to dam design alternatives, the following alternatives to water management were evaluated:

- Work entirely within cofferdams
- Discrete cofferdam work areas in conjunction with impoundment drawdown

Summarize the mitigation measures proposed to offset the impacts of the preferred alternative:

Mitigation shall consist of restoration of normal water levels following the completion of construction and *in situ* restoration of impacts to Bordering Vegetated Wetlands (BVW) and Bordering Land Subject to Flooding (BLSF).

If the project is proposed to be constructed in phases, please describe each phase:

**Not applicable. The project is not proposed to be constructed in phases.**

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN:**

Is the project within or adjacent to an Area of Critical Environmental Concern?

- Yes (Specify \_\_\_\_\_)  
 No

if yes, does the ACEC have an approved Resource Management Plan?

- Yes  
 No

If yes, describe how the project complies with this plan.

Will there be stormwater runoff or discharge to the designated ACEC?

- Yes  
 No

If yes, describe and assess the potential impacts of such stormwater runoff/discharge to the designated ACEC.

**RARE SPECIES:**

Does the project site include Estimated and/or Priority Habitat of State-Listed Rare Species? (see [http://www.mass.gov/dfwele/dfw/nhosp/regulatory\\_review/priority\\_habitat/priority\\_habitat\\_home.htm](http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/priority_habitat/priority_habitat_home.htm))

- 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