

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

Environmental Notification Form

For Office Use Only

EEA#: 16089
 MEPA Analyst: Alex Strycky

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: <u>Silverman</u>		
Street Address: <u>74 Jug End Road</u>		
Municipality: <u>Egremont</u>	Watershed: <u>Housatonic</u>	
Universal Transverse Mercator Coordinates:	Latitude: <u>W -73° 27' 21"</u> Longitude: <u>N 42° 9' 19"</u>	
Estimated commencement date: <u>9/01/19</u>	Estimated completion date: <u>11/01/19</u>	
Project Type: <u>Wetlands, Waterways</u>	Status of project design: <u>95</u> %complete	
Proponent: <u>Bertram Silverman and Alice Kessler Harris</u>		
Street Address: <u>74 Jug End Road</u>		
Municipality: <u>Egremont</u>	State: <u>MA</u>	Zip Code: <u>01230</u>
Name of Contact Person: <u>Michael Kulig</u>		
Firm/Agency: <u>Berkshire Engineering, Inc.</u>	Street Address: <u>80 Run Way</u>	
Municipality: <u>Lee</u>	State: <u>MA</u>	Zip Code: <u>01238</u>
Phone: <u>413-243-4122</u>	Fax: <u>877-335-7282</u>	E-mail:

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)?
 The project meets the threshold of 301 CMR 11.03 (11) Areas of Critical Environmental Concern – Any project within a designated ACEC
 Which State Agency Permits will the project require? MA DEP – Water Quality Certification

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:

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Summary of Project Size & Environmental Impacts	Existing	Change	Total
LAND			
Total site acreage	1.8		
New acres of land altered		0	
Acres of impervious area	.05	0	.05
Square feet of new bordering vegetated wetlands alteration		Approx. 200 s.f.	
Square feet of new other wetland alteration		Approx. 4,953 s.f.	
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 (feet)	n/a		
TRANSPORTATION			
Vehicle trips per day	n/a		
Parking spaces	n/a		
WASTEWATER			
Water Use (Gallons per day)	n/a		
Water withdrawal (GPD)	n/a		
Wastewater generation/treatment (GPD)	n/a		
Length of water mains (miles)	n/a		
Length of sewer mains (miles)	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			

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Alternatives Matrix - ENF – 74 Jug End Road, Egremont, MA.

Kessler-Harris and Silverman: Stream Bank Stabilization – 74 Jug End Road, Egremont, MA

Environmental Impacts Screening

Potential Impacts Expected to Result from Alternatives:

No Build

Concrete Retaining Wall

Sheet Piling

Gabion Baskets

Rip-Rap Slope

Combined Rip-rap Toe

Vegetated strip and replacement
of dry lain stone wall

Water Bodies

Riverfront Area

Wetlands and Banks

Cumulative Impacts

Fatal Flaws

Screening Result

Alternatives Matrix - ENF – 74 Jug End Road, Egremont, MA.

Alternatives Matrix - ENF – 74 Jug End Road, Egremont, MA.

Environmental Screening	No Build	Concrete Retaining wall	Sheet Piling	Gabion Baskets	Rip Rap Slope	Combined rip-rap toe, vegetated strip and dry lain wall
Water Bodies	No new impacts. Long term continued erosion and sedimentation	Potential short term impact due to construction of frost protected construction	Proposed configuration would allow for on-going erosion up to face of sheeting. Creates likely erosion condition.	Loss of habitat associated with bank.	Some loss of bank habitat. Impacts to water bodies would be minimized by location of rip-rap slope being outboard of bank	Some loss of bank habitat reduced by mitigation planting of infillsoils. Prevents future erosion to waterbody
Riverfront Area	Continued degradation of RFA as result of continued erosion	Introduction of formal construction methods and materials.	Some limited erosion within RFA to face of sheeting	Unnatural installation	Some loss of Riverfront area due to grading.	Minimizes overall disturbance area. Impacts with native materials
Wetlands and Banks	Continued destabilization of bank and embankment	Replaces natural bank with concrete structure	Some erosion of bank to face of sheeting	Unnatural stabilization method	Non-native restoration. Limited opportunities for revegetation	Combination of non-native and native restoration.
Cumulative Impacts	On-going erosion, potential collapse of structure.	Permanent loss of natural bank	Permanent loss of natural bank and erosion of soils	Loss of natural bank	Loss of natural bank and vegetation	Some loss of natural bank mitigated with proposed plantings
Fatal Flaws	Allows continued erosion and collapse of structure	None identified	None identified	None identified	None identified	None identified
Screening Result	Fail	Fail	Fail	Fail	Fail	Pass

Note: The proposed construction access routes and dewatering area will be temporary disturbances with all disturbances being restored to conditions existing prior to construction activities. As the only alternative to the creation of the construction access and dewatering would be the do-nothing alternative, discussion of these temporary disturbances has not been expanded upon in the Alternatives matrix.