



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 8A – Request for Certificate of Compliance
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

300-0684
 Provided by DEP

A. Project Information

Important:
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Upon completion of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

1. This request is being made by:

Gary & Sherry Kellaheer
 Name
118 Leadmine Lane
 Mailing Address
Fiskdale MA 01518
 City/Town State Zip Code
kellaheer@gmail.com
 Phone Number

2. This request is in reference to work regulated by a final Order of Conditions issued to:

Gregory Pinto
 Applicant
2/22/2007 300-0684
 Dated DEP File Number

3. The project site is located at:

118 Leadmine Lane Fiskdale
 Street Address City/Town
398 04045-118
 Assessors Map/Plat Number Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:

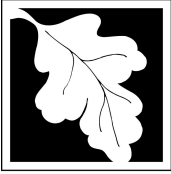
(Same as above)
 Property Owner (if different)
Worcester 40933 197
 County Book Page

Certificate (if registered land)

5. This request is for certification that (check one):

- the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.
 the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

- the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.



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A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

Yes

If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

No

B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html>).

EBT Environmental Consultants, Inc.
GLENN E. KREVOSKY, CONSULTANT

601 Main Street

North Oxford, MA 01537

glenn.krevosky@charter.net

Cell: (508)769-3659 Office: (508)987-0979

Sturbridge Conservation Commission
308 Main Street
Sturbridge, MA 01566

February 7, 2024

Re. 118 Leadmine Lane, Sturbridge – Restoration Report/Request to Lift Enforcement Order dated 10/28/2020

Dear Commission,

The applicant, Gary Kellaher, through their representative, EBT Environmental Consultants Inc., is requesting the enforcement order, dated 10/28/2020, for 118 Leadmine Lane be lifted. All items proposed on the 6/28/2021 “Proposed Restoration Plan” by Existing Grade Inc. & EBT Environmental Consultants Inc. have been completed (see below). We are requesting the portions of the enforcement order pertaining to 89 Leadmine Lane have its own enforcement order issued – at the time the enforcement order was issued the lots were separate (recorded ANR on 7/1/2020).

- The applicant proposes to create 893.0 square feet of BVW on historically filled wetlands on the north side of the road.
 - The approved plan, revised dated 6/28/2021, called for 443.2 square feet of BVW restoration. Originally (shown on the plan revised dated 5/31/2021) we had the figure shown above, 893.0 square feet. Although SCC required the original outlying boulders adjacent to the wetland to be moved inward toward the road there was never any restoration of historically filled wetlands between the originally placed boulders and the newly placed boulders. The distance between the old boulders and the more recently placed boulders accounted for the additional 449.8 square feet of restoration. If EBT, Inc. had left the old gravel on filled wetlands in place there would have been natural wetlands and restored wetlands separated by a strip of old gravel. Working with the contractor on 8/28/2021 we removed the old fill down to the original A/O horizon and then brought the elevation up approximately 4” above the water elevation in order to plant the tree shrub wetland we proposed. To accomplish what was just stated the wetland consultant placed an oak stake at an elevation 4” above the existing water elevation adjacent to the natural wetland and utilized a digital laser transit with rod to shoot spot elevations as the final organic material was being placed to ensure we had consistent hydrology across the restored wetland (see Photo 1 & 2).
- The applicant proposes to restore 466.6 square feet of buffer zone on the north side of the road and plant with (2) American Hazelnut, (1) Northern Bayberry, (1) Red Maple and (1) Yellow Birch at 6’ spacing and seed with Conservation Seed Mix from New England Wetland Plants.
 - The approved plan, revised dated 6/28/2021, called for 180.7 square feet of buffer zone restoration. Originally (shown on the plan revised dated 5/31/2021) we had the figure shown above, 466.6 square feet. The distance between the old boulder locations and the more recently placed boulders accounted for the additional 285.9 square feet of buffer

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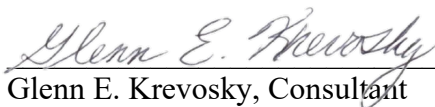
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zone restoration. In this restoration we removed 4" of gravel surface material and placed 4" of organic material and then planted the area as described.

- The applicant proposes to create a 1' by 1' Mirafi fabric lined drip strip on the east and west side of the driveway.
 - The drip strips were created 2' wide and 1' deep to accept more water (see Photo 3).
- The applicant proposes to sawcut and remove 22 square feet of bituminous concrete driveway on the abutting property and 334.4 square feet of bituminous concrete on the east side of the driveway. These areas will be loamed and seeded.
 - In addition to what is described above, 498.7 square feet of bituminous concrete was removed on the west side of the driveway and 6 inches $\frac{3}{4}$ " crushed stone was placed. Completed and now growing lawn (see Photo 4 showing the 498.7 square feet removed on the east side of the drive).
- The applicant proposes to keep 498.7 square feet of bituminous concrete driveway (west side of the driveway).
 - As described on the answer above, the 498.7 square feet of bituminous concrete was removed from this area and 6 inches of $\frac{3}{4}$ " crushed stone was placed.
- The applicant proposes to install 1 C-100HD Cultec unit designed for a 1" storm event.
 - Completed (see Photo 5).
- The applicant proposes to place 10"-12" diameter boulders in the two undercut areas within the perennial stream to stabilize the bank.
 - Completed (see Photo 6 & 7).
- The applicant proposes to repair ~18' of historic stone wall with missing capstones. The wall is to be rebuilt 2"-3" above the road grade to prevent roadway overland flow from discharging directly into the stream.
 - Completed (see Photo 8).

Respectfully,



Glenn E. Krevosky, Consultant



Photo 1 taken by EBT, Inc. on 9/17/2023 – Showing the restoration of historically filled wetland across Leadmine Road from 118 Leadmine Road.



Photo 2 taken by EBT, Inc. on 9/17/2023 – Showing the restoration of historically filled wetland across Leadmine Road from 118 Leadmine Road. Also showing a couple of the boulders along the road preventing access into the restoration area.



Photo 3 taken by EBT, Inc. on 9/7/2021 – Showing the 2' wide by 1' deep drip strip on the east side of the driveway.



Photo 4 taken by EBT, Inc. on 8/7/2021 – Showing the 498.7 square feet of asphalt was removed and replaced with ¾” crushed stone.



Photo 5 taken by EBT, Inc. on 9/7/2021 – Showing the installation of the C-100HD Cultec unit on the southwest corner of the house which receives roof runoff.



Photo 6 taken by EBT, Inc. on 9/17/2023 – Showing the 10”-12” diameter boulders in the undercut area within the perennial stream at the outflow of the Leadmine Road culvert directly east of the house to stabilize the bank.



Photo 7 taken by Gary Kellaheer in 11/2023 – Showing the 10”-12” diameter boulders in the undercut area within the perennial stream located approximately 25’ downstream of Photo 6 the house to stabilize the bank.



Photo 8 taken by EBT, Inc. on 10/29/2022 – Showing the repair & replace of the ~18’ of historic stone wall which holds the road in place and was missing capstones.

EXISTING GRADE, INC.

Land Surveyors - Civil Engineers

February 05, 2024

Sturbridge Conservation Commission
Center Office Building
301 Main Street
Sturbridge, Massachusetts 01566

RE: *Request for Certificate of Compliance*
Kellaher, Gary & Sherry
118 Leadmine Lane
Sturbridge, Massachusetts
Massachusetts DEP File #300-684

Sturbridge Conservation Commission Members:

Existing Grade, Inc. (EGI) conducted a final site inspection February 01, 2024 of the recently re-constructed driveway and restoration area located at 118 Leadmine Lane, Sturbridge MA. The work is shown on the design site plan entitled "Proposed Restoration Plan for 118 Leadmine Lane – Remaining Land, Sturbridge, Massachusetts" prepared by Existing Grade, Inc, dated March 29, 2021 and last revised June 28, 2021.. The inspection and supplied site documentation was conducted to ensure the proposed work has been constructed in compliance with the original Order of Conditions Mass DEP File #300-684, recorded at the Worcester County Registry of Deeds Book 40933, Page 197 and dated April 04, 2007. The proposed work was also conducted to remedy a few design alterations mentioned in a As-Built certification prepared by Land Planning, Inc addressed to the Sturbridge Conservation Commission, dated October 20, 2020.

EGI found that the final site conditions for the project appear to be in substantial compliance with the order of conditions issued except for the following deviations:

-None noted at the time of site inspection.

The existing driveway has been cut back as shown on the design plans with the removal of 22 sq.ft. of asphalt as well as having the proposed gravel stone diaphragm infiltration trench being installed. The proposed roof infiltration culvert was installed and the restoration area and proposed boulders appear to have been satisfactorily completed. Finally as documented, the historic stone wall and boulders has been rebuilt.

Should you have any questions please do not hesitate to contact the undersigned at (508) 737-7920.

Sincerely,

EXISTING GRADE INC.

Edwin H. Gless, P.E., P.L.S.
President



62 Riedell Road
Douglas, MA 01516
(508) 694-6501

EXISTING GRADE, INC.

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Figure 1: Boulder barrier along edge of travel way



Figure 2: Rebuilt Stone wall

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Figure 3: Roof Discharge to Cultec Drywell



Figure 4: Roof Discharge to Cultec Drywell

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Figure 5: Cleared edge of driveway showing gravel stone diaphragm

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