



FUSS & O'NEILL

December 5, 2019

Amy Green, Conservation Coordinator
357 Shattuck Street
Littleton, MA 01460

RE: Peer Review for Wetland Delineation
MBTA Route 495 Station, Littleton, Massachusetts
Fuss & O'Neill Reference No. 20170044.P11

Dear Ms. Green:

On November 21, 2019, Mr. Thomas Liddy of Lucas Environmental, along with yourself and Mr. Brandon Faneuf of Exosystems Solutions, Inc., conducted a site visit to review the wetland delineation at MBTA Route 495 Station in Littleton, Massachusetts. Attached please find a letter completed by Mr. Liddy containing review comments and concerns with the existing wetland delineation.

Please feel free to contact us with any questions.

Sincerely,

Aimee Bell
Project Manager

Reviewed by:

Daniel F. DeLany, P.E.
Associate/Office Manager

/Admin Initials Here

Enclosures: *Letter completed by Lucas Environmental, Inc., dated November 25, 2019*

c: Mr. Chris Lucas, Lucas Environmental, Inc.
Mr. Thomas Liddy, Lucas Environmental, Inc.

1550 Main Street
Suite 400
Springfield, MA
01103
t 413.452.0445
800.286.2469
f 413.846.0497

www.fando.com

California

Connecticut

Maine

Massachusetts

New Hampshire

Rhode Island

Vermont

\\private\dfs\ProjectData\P2017\0044\P11\Deliverables\Wetland Delineation Review\Wetland Review Cover Letter-12-05-2019.docx
Corres.



November 25, 2019

Fuss & O'Neill, Inc.
Attn: Aimee Bell
1550 Main Street, Suite 400
Springfield, MA 01103

Re: Wetland Delineation Review
Littleton/Route 495 Station
263 Foster Street, Littleton, Massachusetts
MassDEP File No. 204-0897

Dear Ms. Bell,

As requested, Lucas Environmental, LLC (LE) conducted a site visit to verify the wetland boundaries established for the property located at 263 Foster Street in Littleton, Massachusetts. Professional Wetland Scientist, Mr. Thomas Liddy, conducted the field review on November 21, 2019. Littleton Conservation Agent, Ms. Amy Green, and Mr. Brandon Faneuf of Ecosystem Solutions, Inc. were also present during the review. LE reviewed regulated wetland resource areas according to the Massachusetts Wetlands Protection Act (MGL Chapter 131, Section 40), and its implementing regulations (310 CMR 10.00 et seq.), and the Littleton Wetlands Protection Bylaw (Chapter 171) and Regulations. The wetland review was performed in accordance with the Massachusetts Department of Environmental Protection (MassDEP) publication "Delineating Bordering Vegetated Wetlands" under the Massachusetts Wetlands Protection Act (1995).

1.0 Documents Reviewed

The following documents and plans were reviewed:

- Notice of Intent application and accompanying materials prepared by Green International Affiliates, Inc., dated August 20, 2019.
- Plan titled "MBTA Littleton/Route 495 Station, Parking Lot Design, prepared by Green International Affiliates, Inc., dated August 20, 2019.

2.0 Comments and Requests for Additional Information

This review pertains only to the delineation of state and locally regulated wetland resource areas. This review does not pertain to Zoning or Planning Board requirements or federal wetlands jurisdiction. This does not include review of the Notice of Intent application or compliance with the Wetlands Protection Act Regulations or local By-Law. After on-site review of the wetland delineation and reviewing the documents listed above, LE offers the following comments.



1. The plan set shows the delineation of Bordering Vegetated Wetlands (BVW) labeled WFA-1 through WFA-16. LE is in general agreement with the delineation of resource areas on the property, however, there are a few areas where LE recommends modifications, as follows:
 - a. LE does not suggest any revisions to flags WFA-1 through WFA-9, and WFA-15. WFA-16 could not be located in the field but was far enough away from the proposed work to not affect the project.
 - b. LE added three new flags labeled “WFA-10rev”, WFA-12rev”, and “WFA-14rev”. Flag WFA-9 to connect to WFA-10rev, Flag WFA-10rev to connect to WFA-12rev, and WFA-12rev to connect to WFA-14rev.
 - c. The area between flags WFA-10rev to WFA-14rev proved to be a difficult delineation and review. The area consists of a very broad transitional area with very little in terms of topography or a well-defined wetland edge. There was evidence of altered soil (fill) which made interpretation of hydric soil indicators difficult. Numerous soil plugs and intensive analysis were required to reach an agreement on delineation of the edge of this BVW.
2. LE conducted numerous transects throughout the upland portions of the site and did not encounter additional wetland resources other than what has been noted above.

3.0 Findings & Recommendations Summary

Based on the information provided above, it is recommended that a revised site plan be prepared with the above corrections noted. LE has based this assessment on review of the submitted documents, thorough field reconnaissance, and discussions with the Applicant’s consultants and Conservation Agent.

If you have any questions, please do not hesitate to contact me at 617.405.4053 or tel@lucasenvironmental.net. Thank you for your consideration in this matter.

Sincerely,
LUCAS ENVIRONMENTAL, LLC

A handwritten signature in black ink that reads 'Thomas E. Liddy'.

Thomas E. Liddy, PWS
Environmental Consultant/Professional Wetland Scientist