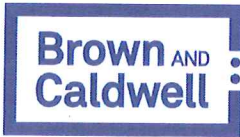


1 Tech Drive, Suite 310
Andover, MA 01810

T: 978.794.0336
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NAE-2008-3065
Wetland Report



June 22, 2016

Letter Report

Mr. Kevin Kotelly
U.S. Army Corps of Engineers, New England District
Policy Analysis/Technical Support Branch, Regulatory Division
696 Virginia Road
Concord, MA 01742-2751

148857

Subject: USACOE General Permit #NAE 2008-3065
Spring 2016 Wetland Inspection Report
0 Brook Street, Holliston, MA

Dear Mr. Kotelly,

On behalf of Browning-Ferris Industries, Inc. (BFI), Brown and Caldwell (BC) is submitting this letter report documenting the Spring 2016 Semi-Annual Inspection of the above referenced wetlands in accordance with the USACOE General Permit #NAE 2008-3065, special condition #2. This letter report has also been submitted to the Holliston Conservation Commission and to the Massachusetts Department of Environmental Protection in Worcester, Massachusetts (Central Region).

Investigation Methodology

On April 19, 2016, BC and Wetland Preservation Inc. (WPI) conducted a site inspection at the above referenced wetlands. The inspection included the vernal pool, bordering vegetated wetlands, intermittent stream, culverts, laydown area, and access way.

Summary of Findings

Spring 2016 is the beginning of the fifth growing season since the wetland plantings were completed on June 6, 2012.

During the April 2016 wetland inspection, WPI and BC observed that all restored upland and wetland areas were stable with both planted and natural vegetation healthy and viable, as evidenced by initial bud break. The trees adjacent to the vernal pool and adjacent to the Gossels (Laine Realty Trust) wetlands also appeared healthy. The water level in the vernal pool was seasonally average, and water quality was clear. Soil conditions were stable and well vegetated. WPI observed spotted salamander egg masses in the vernal pool, and evidence of amphibian hatchling. In addition, the culverts remain clear, and the laydown areas and access ways are stable and vegetating well. These findings and accompanying photographs are summarized in WPI's inspection report dated June 6, 2016 and included in Attachment A.


JUN28'16 REG DIV

Mr. Kevin Kotelly
U.S. Army Corps of Engineers
June 22 2016
Page 2

The final inspection of the vegetation is scheduled for September 2016, which will complete the fifth growing season. We request approval for WPI to conduct this final inspection and prepare the final report and post-construction assessment because they are familiar with the pre-existing conditions of the site, they observed the restoration of the wetlands, and they are familiar with the goals of the project.

If you have any questions please feel free to contact me at (978) 794-0336.

Sincerely,
Brown and Caldwell



Charles F. Myette, LSP
Vice President

cc: Mr. Joseph Montello, Republic
Mr. Thomas A. Mackie, Mackie Shea O'Brien, PC
Gail Magenau Hire, Mackie Shea O'Brien, PC

Attachments (1)

- Attachment A: WPI Site Inspection Report, June 6, 2016



June 6, 2016

Mr. Don Podsen
Brown & Caldwell
1 Technology Drive
Andover, MA 01810

Re: Wetland Replication Areas
0 Brook Street - Holliston, MA
Wetland Mitigation
DEP #185-0712; NHESP File No. 08-25195;
ACOE #NAE 2008-3065, WQC # X238146

Dear Mr. Podsen:

In accordance with the United States Army Corp of Engineers ("ACOE")/Massachusetts General Permit, NAE-2008-3065 dated September 6, 2011, Special Condition 2, Wetlands Preservation, Inc. ("WPI") is submitting this report detailing the status of the vernal pool/wetland mitigation completed for the above referenced project. The site conditions recorded during the inspections included the following data: natural conditions, vegetation, general stability of the site, signs of wildlife, and general observations.

A visual egg mass survey of the vernal pool was conducted on April 19, 2016. The visual survey included observation and the identification of approximately 22 spotted salamander egg masses. No wood frog egg masses were observed, although it appeared there had already been hatchling of amphibians (possibly wood frogs) as evidenced by numerous algae-covered gelatinous masses around the perimeter of the pond. The water level controlled by the elevation of the outlet located to the south of the vernal pool was within the Mean High Water range as documented prior to the soil remediation effort. The water levels in the Bordering Vegetated Wetland ("BVW") area south of the vernal pool were in the normal range as observed in previous years.

At the time of the site visit all shrubs planted in the vernal pool, intermittent stream, and BVW were viable, evidenced by initial bud break. All soil conditions were stable and well vegetated. Visual water quality in the vernal pool was clear with the bottom observed in shallow water areas.

Mr. Don Podsen

June 6, 2016

– Page 2 –

In summary, the vernal pool, intermittent stream and the BVW restored are progressing well. A final inspection of the vegetation planted is scheduled for September of 2016, which would complete the fifth full growing season. A final report and post-construction assessment of the wetlands will be submitted to the ACOE by the December 15, 2016 deadline. I recommend requesting written approval from the ACOE for WPI to conduct the final inspection in September and prepare the final report because we are familiar with the pre-existing conditions of the site, observed the restoration of the wetlands, and we are familiar with the goals of the project.

Should you have any questions or require additional information regarding this report, please contact the undersigned.

Cordially,



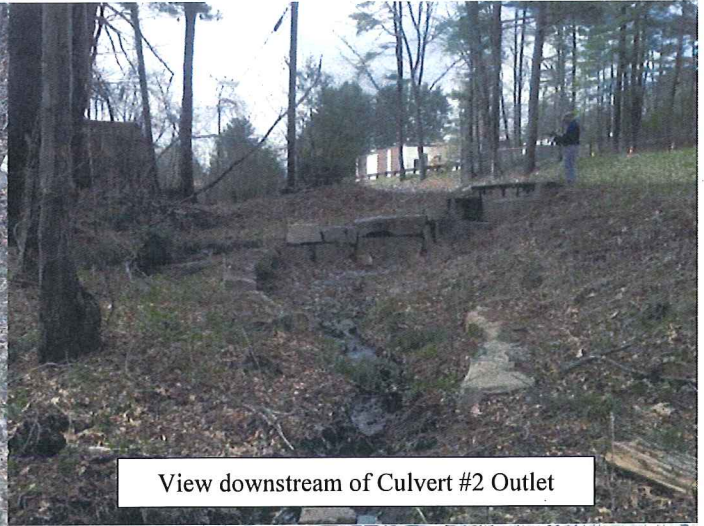
Geoffrey C. Andrews
Senior Wetland Scientist

#3628.1 WRAReport 06.06.2016

Brook Street Holliston, MA
Vernal Pool /Wetland Restoration
Photographed April 19, 2016



View upstream of Culvert #2



View downstream of Culvert #2 Outlet



View of south side of restored BVW



View east of restored BVW



View east of restored BVW



View north of restored intermittent stream

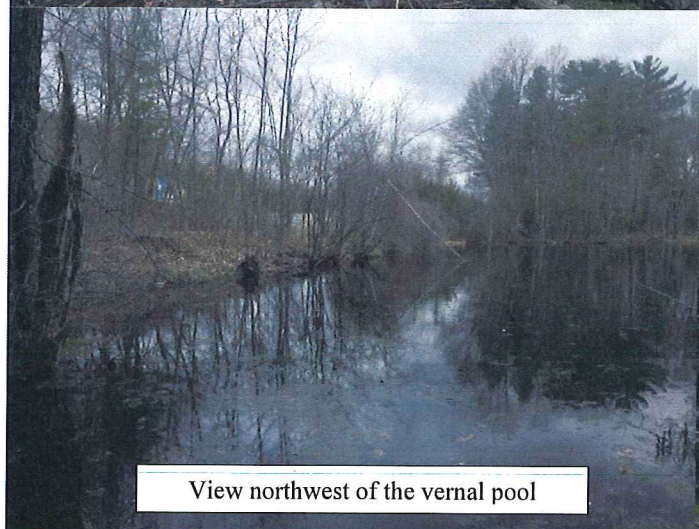
Brook Street Holliston, MA
Vernal Pool /Wetland Restoration
Photographed April 19, 2016



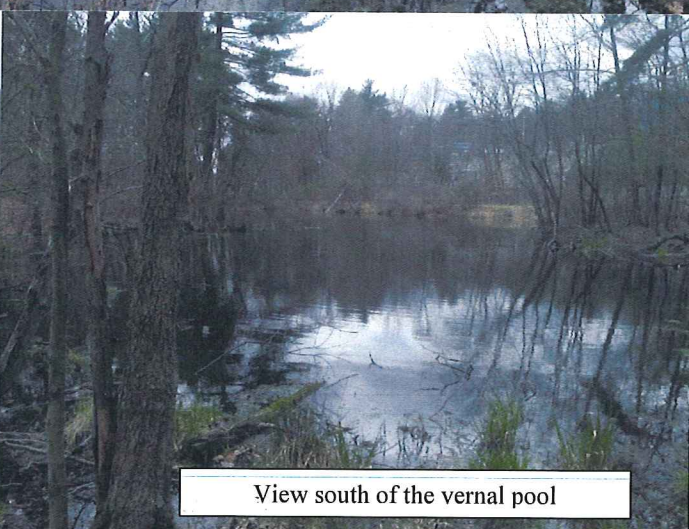
View south of restored intermittent stream



View northeast of the vernal pool



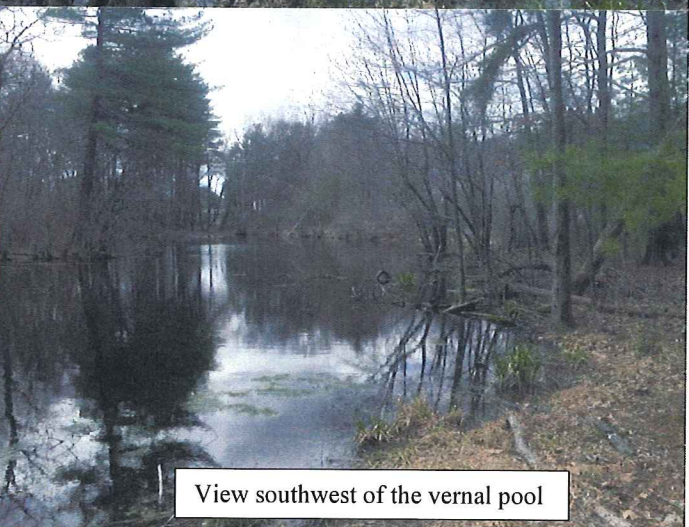
View northwest of the vernal pool



View south of the vernal pool

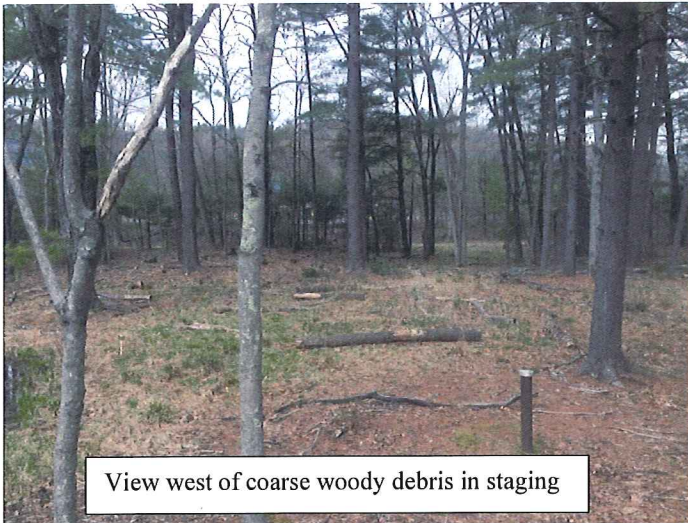


Spotted salamander egg mass



View southwest of the vernal pool

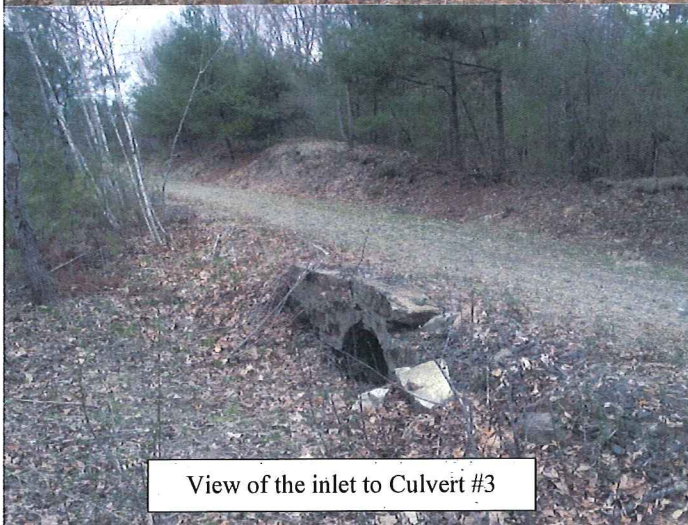
Brook Street Holliston, MA
Vernal Pool /Wetland Restoration
Photographed April 19, 2016



View west of coarse woody debris in staging



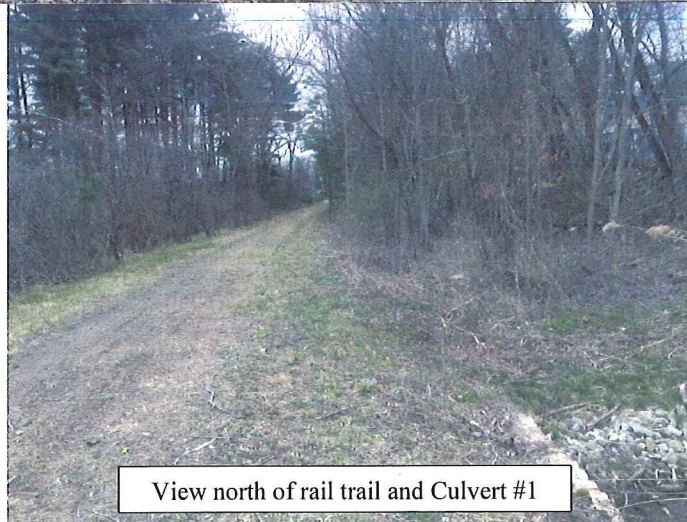
View of the outlet to Culvert #3



View of the inlet to Culvert #3



View southwest of the restored access way



View north of rail trail and Culvert #1

