



CIVIL ENGINEERING ASSOCIATES, INC.

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Wetland Summary and Timeline

On February 20, 2018 Randy Burnett, Marty Spaulding, Clarke Elliott and Chris Galipeau met with Jeff Severson of Oakledge Environmental Services, Inc. to review the proposed Pre-K Building, parking area and access drive to verify that all proposed improvements were outside of any wetlands and associated buffers. We observed the existing site features and walked along the Englesby drainage. The weather was very warm and there was no snow so Jeff was able to observe the conditions and determined that he would re-visit the site to evaluate the project with respect to existing wetlands and associated impacts. Jeff re-visited the site on February 23 and flagged a line along the toe of the slope which was identifiable as "upland" and represented a conservative delineation to verify that all work would be outside all wetlands or associated buffers. Civil Engineering Associates located the wetlands flags and the delineation is included within the proposed plan set which depicts all site improvements outside of the 50' buffer from Jeff's delineation.

On April 17, 2018 Randy Burnett, Marty Spaulding, Andres Torizzo and Chris Galipeau met with Brad Wheeler of Wheeler Environmental Services to review the City stormwater ponds north of the Property Services Building and the area around the existing salt shed and stockpile areas. Brad Wheeler indicated that in his opinion this area would not be considered Jurisdictional wetlands. The entire area had been previously graded as part of the stormwater ponds, used as a stockpile area and contained waste material.

On April 27th, 2018 we scheduled a meeting with Tina Heath, State Wetland Ecologist, along with Jeff Severson, Brad Wheeler, Randy Burnett and Marty Spaulding. The purpose of the visit was to evaluate the site with Tina Heath and confirm the evaluations by Jeff and Brad. The site visit was scheduled for this later date which allowed for the evaluation of the soils as well as the beginning of the growing season. Tina agreed with Jeff's and Brad's delineation and concluded that the toe of slope was a conservative delineation by Jeff and was outside of any wetland area. Tina also evaluated the area around the south side of the stormwater ponds as well as the area around the salt shed and concluded that this area was not jurisdictional wetlands. There were discussions about the significant growth of phragmites and agreed that trying to control or limit the expansion of this plant would be a good management practice.

(See attached email corresp. from Jeff and summary from Brad and Tina)

Chris Galipeau

From: Jeffrey Severson <jeff.severson@burlingtontelecom.net>
Sent: Saturday, February 24, 2018 1:43 PM
To: cgalipeau@cea-vt.com
Subject: RE: FW: 287 Shelburne Road Old Fill photos

Hi Chris,

I just responded to Randy Burnett's email, then saw that you had already sent a message to the project team. Thank you for updating the team. I hung 25 flags in a single sequence labeled T.O.F. 1 thru T.O.F. 25 (T.O.F. for toe of fill). The first flag is the westernmost point, near the community gardens at Champlain Elementary. The last flag, T.o.F. 25 is located where the large culvert daylights in the ravine to the northwest of the Chinese restaurant.

Thanks,

Jeff

-----Original Message-----

From: Chris Galipeau [<mailto:cgalipeau@cea-vt.com>]
Sent: Friday, February 23, 2018 4:00 PM
To: 'Randy Burnett'; 'Jeff Severson'
Cc: andres@watershedca.com; 'Clarke Elliott'; 'Marty Spaulding'; brenda@colinlindberg.com
Subject: RE: FW: 287 Shelburne Road Old Fill photos

Hi Randy - I just spoke with Jeff and he is finishing up the delineation and is also available to meet with everyone on Tuesday at 10. Jeff has hung some flagging and will send us the numbers to flag. Based on our brief conversation Jeff is feeling like the toe of slope is a very conservative location to start with and it is likely the wetland boundary is much closer to the season high water level from the brook - I'll let Jeff further explain his findings once he is back or at next week's meeting. He was at the site when I just spoke with him.

Thanks Chris

Christopher Galipeau
Staff Engineer
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10 Mansfield View Lane
So. Burlington, Vermont 05403

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-----Original Message-----

From: Randy Burnett [<mailto:randy@colinlindberg.com>]
Sent: Friday, February 23, 2018 11:25 AM
To: Jeff Severson
Cc: cgalipeau@cea-vt.com; andres@watershedca.com; Clarke Elliott; Marty Spaulding (mspauldi@bsdvt.org); brenda@colinlindberg.com
Subject: Re: FW: 287 Shelburne Road Old Fill photos

Hi Jeff,

Just checking in with you on your progress of your site observations made this week ?

We have a standing meeting every Tuesday at 10:00 AM here at our office if that might work for you to present a summary status of findings.

If you have an update you can pass along today that would be fine as well.

Thanks for your help.

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Thank You, Randy

Randy Burnett
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(C) 802-999-2199

On 2/20/2018 4:40 PM, Chris Galipeau wrote:

> Hi Randy - Thanks for the photos. I have copied Jeff on this email and here is Jeff's contact information.

>

> Jeffrey Severson

> Principal / Ecologist

> Oakledge Environmental Services, Inc.

> P.O. Box 4065

> Burlington, VT 05406

>

> W: (802) 660-8312

> C: (802) 999-3132

> jeff.severson@burlingtotelecom.net

>

>

>

> -----Original Message-----

> From: Randy Burnett [<mailto:randy@colinlindberg.com>]

> Sent: Tuesday, February 20, 2018 4:08 PM

> To: Chris Galipeau; Clarke Elliott; 'Andres Torizzo'

> Subject: 287 Shelburne Road Old Fill photos

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> Attached are photos I took of the panoramic photo that Marty showed us this afternoon.

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> Feel free to pass these along to Jeff.

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> If it would help I could get them over to Blueprints to have it scanned in to a file more appropriately ...

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>

Chris Galipeau

From: Heath, Tina <Tina.Heath@vermont.gov>
Sent: Monday, May 07, 2018 8:57 PM
To: Bradley Wheeler
Cc: Chris Galipeau; Randy Burnett
Subject: RE: Champlain School 4/27 Site Visit

Hi Brad,

Thanks for the memo, this looks good. I concur with what's stated below, there are no jurisdictional wetlands near the project proposal described in the memo.

Additionally, the pre-K building and associated drive proposal is outside of Class II wetland and buffer zone, so no wetland impacts are anticipated.

Best,
Tina



VERMONT DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
WATERSHED
MANAGEMENT DIVISION
WETLANDS PROGRAM

Tina Heath, District Wetland Ecologist
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Vermont Department of Environmental Conservation
111 West St
Essex Junction, Vermont 05452
www.watershedmanagement.vt.gov
See what we're up to on our [Blog, Flow](#).

From: Bradley Wheeler <brad@wheelerenv.com>
Sent: Monday, May 7, 2018 1:26 PM
To: Heath, Tina <Tina.Heath@vermont.gov>
Cc: Chris Galipeau <cgalipeau@cea-vt.com>; Randy Burnett <randy@colinlindberg.com>
Subject: Champlain School 4/27 Site Visit

Hi Tina,

I wanted to send you this site visit memo regarding the April 27, 2018 wetlands evaluation we completed for the proposed stormwater treatment constructed wetland area and the area proposed for the relocation of the salt shed. Please let me know if you have any questions about the memo. If it looks okay as is, would you please shoot me an affirmative response to it when you can?

Thanks, Brad

Site Visit Memo - Burlington School District Facility, 287 Shelburne Road, Burlington, VT

Participants: Tina Heath, VT ANR Wetlands Office; Randy Burnett, Office of: Colin P. Lindberg, Architect; Marty Spaulding, Burlington School District; Chris Galipeau, CEA, Inc.; Brad Wheeler, Wheeler Environmental Services

Date: April 27, 2018

The purpose of this site visit was to show the plans for the proposed development activities at the site to Ms. Heath so that she could make a determination as to whether any of the activities associated with the proposed stormwater treatment facility (constructed wetland), or relocation of the salt shed to near the Burlington telecom building, would trigger the need for any wetland-related review or permit application from the Vermont ANR wetland regulatory program.

The group walked the areas of the proposed stormwater treatment constructed wetland and the proposed relocation of the salt shed. We walked into the area of the existing stormwater retention and treatment ponds to evaluate the potential for this area to contain jurisdictional wetlands. Ms. Heath confirmed for us that any wet areas associated with this stormwater infrastructure are not jurisdictional wetlands.

Ms. Heath determined that neither of the areas proposed for the new stormwater treatment constructed wetland or relocation of the salt shed are within or near any jurisdictional wetlands that would require any oversight or permitting from her office. No further wetland-related review of this part of the site work is necessary.

Ms. Heath stated that all of the proposed work that was discussed with her on this date could move forward with no further review or oversight from the VT Wetlands Office.

Bradley A. Wheeler, Principal Scientist

Wheeler Environmental Services, LLC

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