

Vermont Department of Environmental Conservation

Watershed Management Division
Rutland Regional Office
88 Merchants Row, Suite 430 Asa Bloomer Building
Rutland, VT 05701-5903

Agency of Natural Resources

[cell] 802-490-6163

[fax] 802-786-5915

<http://dec.vermont.gov/watershed>**AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES**

Pursuant to Section C.2.2 of the VT Stream Alteration General Permit (Reporting activities not requiring an application)

Project Number: **SA-07-046-2016**Watercourse: **Neshobe River**Applicant Name: **Daryl Burlett**Email: **dburlett@townofbrandon.com**Mailing Address: **49 Center Street Brandon, VT 05733**Phone: **(802) 247-3635 x211**Project Location: **Segment 6 on VT RT 7 from High Street to Prospect Street**Lat/Lon: **N 43.7993 / W 73.0887**

The Secretary of the Vermont Agency of Natural Resources (VT ANR) has determined that:

1. This project authorizes under **Section C.2.2.3, upgrading of existing pipe systems conveying perennial streams.**
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
 - a) The project will be completed and approved **as shown on final plans prepared by CLD dated October 4, 2016, with requested modification by the RME via email dated November 16, 2016,** and as approved by the VT ANR.
 - b) The project will not adversely affect the public safety by increasing flood hazards
 - c) The project will not significantly damage fish life or wildlife.
 - d) The project will not significantly damage the rights of riparian owners.
 - e) The project will not obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.
 - f) The project is conducted in a manner which minimizes or avoids any discharge of sediment or other pollutants to surface waters in violation of the VT Water Quality Standards.
 - g) The ANR River Management Engineer is notified by phone or email when construction begins and when the project is complete.
 - h) **In-stream working dates for all GP activities are from June 1st through October 15th**; any in-stream work outside these dates will require consultation with and prior authorization by the River Management Engineer (RME).
 - i) This authorization has been posted for ten days public comment. This authorization constitutes final approval.

Additional Conditions: Contact RME at least 7 days prior to commencing project to schedule the onsite pre-con meeting.

If there are any changes in the project plan or deviation in construction from the approved plans, the Permittee must notify the River Management Engineer immediately via phone (802) 490-6163 or email joshua.carvajal@vermont.gov.

If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Signed this 21st day of November, 2016

Alyssa B. Schuren, Commissioner
Department of Environmental Conservation

This permit expires on October 1, 2018.

by: 
Josh Carvajal, P.E. CFM, River Management Engineer

FW: Brandon S6, Stream Alteration Permit

David A. Munro <davidm@cldengineers.com>

Wed 11/16/2016 11:20 AM

To: Carvajal, Joshua <Joshua.Carvajal@vermont.gov>; dburlett@townofbrandon.com <dburlett@townofbrandon.com>;

Cc: Jacqueline Dagesse (jdagesse@eivtech.com) <jdagesse@eivtech.com>; Chris Bean <ChrisB@cldengineers.com>; JoAnn Fryer <jlf@cldengineers.com>;

1 attachments (15 KB)

ANR_SRMPP_Type E_Stone Fill.pdf;

Hello Josh,

-

Project-wide:

We will modify the stone channel details to call for appropriate Type E streambed stone fill at each stream location to meet the specifications you provided (attached). Since the VTrans specifications for stone fill are different, we have seen this accomplished by including a special provision pay item for the stone gradations for the E1, E2, etc. stone types so that the Contractor provides the correct stone. We will include that special provision with the project specifications. We will eliminate the geotextile lining from the stream channel details.

Station 21+880:

There is proposed to be one primary inlet comprised of a 42" diameter pipe at the stream elevation with headwall. Site constraints, including minimal available cover over the pipe, prevent the use of a larger pipe. Therefore, there is a proposed overflow channel set at a higher elevation draining to a proposed 30" diameter pipe with end section that would receive stream flows only during larger storm events. Both inlet pipes are connected to the same conveyance system to the outfall. The proposed pipes would replace an existing undersized 30" diameter pipe that connects to the inlet of the existing stone box culvert which was filled over some time in the past.

I hope this information is helpful and/or alleviates any concerns.

David A. Munro, P.E. | Sr. Project Engineer | CLD Consulting Engineers, Inc. | davidm@cldengineers.com
540 N. Commercial Street, Manchester, NH 03101 | office (603) 668-8223 x-189 | www.cldengineers.com

From: Carvajal, Joshua [<mailto:Joshua.Carvajal@vermont.gov>]

Sent: Tuesday, November 15, 2016 5:45 PM

To: Daryl Burlett

Cc: Chris Bean; jdagesse@eivtech.com

Subject: RE: Brandon S6, Stream Alteration Permit

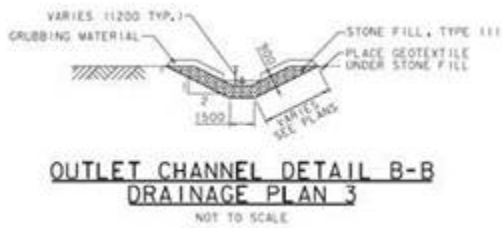
Daryl,

Thanks for meeting with me today to discuss this project. I have few comments regarding the submitted stream alteration permit application -

Project-wide:

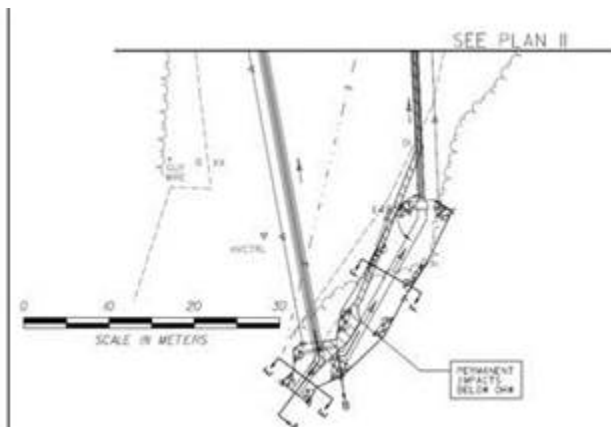
Stone fill in the stream channels will need to satisfy the ANR Type E spec (attached).

Geotextile may be under the stream bank but not under the stream bed (screen shot from sheet 2)



Station 21+880:

Is the screen shot below from sheet 6 showing two inlets for the stream into the relocated portion of the pipeline?
What is the purpose of two inlets?



Josh

From: Daryl Burlett [<mailto:dburlett@townofbrandon.com>]

Sent: Tuesday, October 18, 2016 2:43 PM

To: Carvajal, Joshua <Joshua.Carvajal@vermont.gov>

Subject: FW: Brandon S6, Stream Alteration Permit

From: Chris Bean [<mailto:ChrisB@cldengineers.com>]

Sent: Tuesday, October 18, 2016 12:07 PM

To: Daryl Burlett <dburlett@townofbrandon.com>

Cc: David Atherton (datherton@townofbrandon.com) <datherton@townofbrandon.com>; Chris Bean <ChrisB@cldengineers.com>; David A. Munro <davidm@cldengineers.com>; Jacqueline Dagesse <jdagesse@eivtech.com>; Robertson, Scott (Scott.Robertson@vermont.gov) <Scott.Robertson@vermont.gov>; JoAnn Fryer <jlf@cldengineers.com>

Subject: Brandon S6, Stream Alteration Permit

Daryl,

As a result of this morning's teleconference, I agreed to send you the latest Stream Alteration Permit. Attached are the following:

1. 1/10/2006 Stream Alteration Permit Application: This was completed by EIV. Note it includes a description of the Phase 1 project work as well as two additional areas impacted as part of Phase 2.
2. 11/29/2012 Stream Alteration Permit: For your use.

I understand you will be reviewing these permit materials with Joshua Carvajal, VTrans River Management Engineer. The goal is to secure an updated permit for the project.

Let me know if you have any questions.

Chris

Christopher R. Bean, P.E. | President | CLD Consulting Engineers, Inc. |[chrisb@cldengineers.com]chrisb@cldengineers.com
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