

**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
www.watershedmanagement.vt.gov

[cell] 802-490-6163
[fax] 802-786-5915

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-07-022-2015**

Watercourse: **Tributary to Beaver Brook**

Applicant Name: **Charlie Bush – Highway Department**

Email: danbytownclerk@vermontel.net

Mailing Address: **Town of Danby P.O. Bo 231 Danby, VT 05739**

Phone: **(802) 239-5137**

Project Location: **Lilly Hill Road, below pond at house #2114**

Lat/Lon: **N 43.3914 / W 73.1138**

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

1. This project authorizes under **Section C.2.2.5, replacement existing metal culvert with new larger pipe.**
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 discussed in the field with the applicant, as shown on hand sketch of the proposed structure,** and as approved by the Vermont Agency of Natural Resources.
 - 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 July 1st through October 1st**; any in-stream work outside these dates will require an Individual Stream Alteration Permit authorization by the River Management Engineer.
 - i) This authorization has been posted for three days public comment. This authorization constitutes final approval.

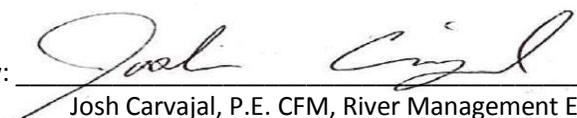
If there are any changes in the project plan or deviation in construction from the approved plans, the Permittee must notify the ANR River Management Engineer immediately via phone (802) 490-6163 or email joshua.carvajal@state.vt.us.

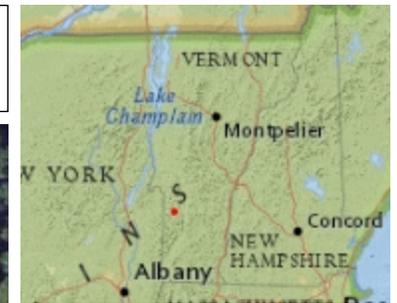
If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Signed this 27th day of July, 2015

David K. Mears, Commissioner
Department of Environmental Conservation

This permit expires on October 1, 2015.

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



LEGEND

- Wetlands - VSWI**
 - Class 1 Wetland
 - Class 2 Wetland
- Wetlands Advisory Layer
- DFIRM Floodways
- DFIRM Preliminary Floodways
- Special Flood Hazard Areas (A Counties)**
 - AE (1-percent annual chance flood)
 - A (1-percent annual chance floodpl.)
 - AO (1-percent annual chance zone feet)
 - 0.2-percent annual chance flood ha
- Special Flood Hazard Areas (F DFIRM)**
 - AE (1-percent annual chance flood)
 - A (1-percent annual chance floodpl.)
 - AO (1-percent annual chance zone feet)
 - 0.2-percent annual chance flood ha
- Buildings (E911)
- VTRANS State and Town Long
- VTRANS State Short Structure
- Town Bridge
- Town Culvert
- Waterbody
- Stream
- Parcels (where available)
- Town Boundary

1: 2,559
July 26, 2015



NOTES

Map created using ANR's Natural Resources Atlas

130.0 0 65.00 130.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 213 Ft. 1cm = 26 Meters
© Vermont Agency of Natural Resources THIS MAP IS NOT TO BE USED FOR NAVIGATION

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

SA-07-022-2015
07/27/2015

TOWN OF DANBY
LILLY HILL RD



Stone lined ditch
if $> 5\%$ grade

Seed and mulch
if $< 5\%$ grade

POND

Outlet Apron
Type II stone
- match to the
existing grade

Inlet Apron
Type I stone

STRUCTURE

36" HDPE

1% MIN SLOPE

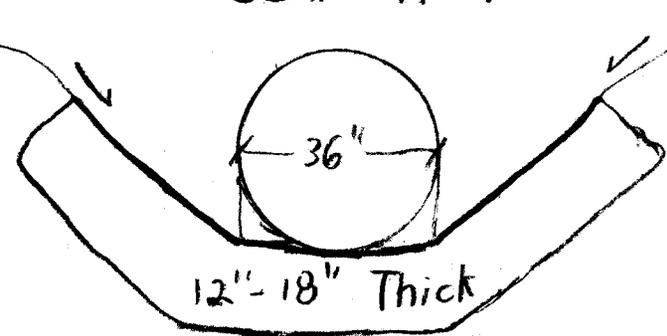
TYPE I STONE

12" MINUS
OSD = 4"

TYPE II STONE

24" MINUS
OSD = 8"

INLET APRON DETAIL
Section A-A



Ditch
drains
to pipe

Lilly Hill Rd

BY: JOSH CARVALTAL, RME