



Vermont Department of Environmental Conservation
Watershed Management Division
 Rutland Regional Office
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Agency of Natural Resources
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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: <u>SA-07-033-2015</u>	Watercourse: <u>Tributary to Mettawee River</u>
Applicant Name: <u>Keith Mason - Town of Pawlet</u>	Email: pawletroads@vermontel.net
Mailing Address: <u>PO Box 128 Pawlet, VT 05761</u>	Phone: <u>(802) 325-3467</u>
Project Location: <u>TH 10 Warren Switch Road, west of Briar Hill Road</u>	Lat/Lon: <u>N 43.3789 / W 73.2370</u>

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

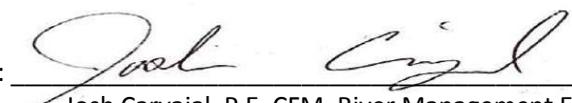
1. This project authorizes under **Section C.2.2.5, a replacement 4 sided box culvert with an open area of 10' by 5'**.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit.
3. The proposed activity will meet the terms and conditions of the General Permit provided:
 - a) The project will be completed and approved **as described in the Vtrans hydraulic report dated on 10/15/2012, with bed retention sills and Type E1 stone fill**, and 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: 1,750
July 26, 2015

NOTES

Map created using ANR's Natural Resources Atlas

89.0 0 44.00 89.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 146 Ft. 1cm = 18 Meters

© Vermont Agency of Natural Resources THIS MAP IS NOT TO BE USED FOR NAVIGATION

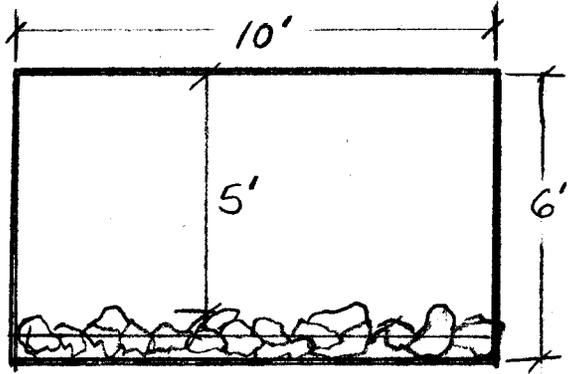
DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular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

SA-07-033-2015

TOWN OF PAWLET
WARREN SWITCH RD

STRUCTURE

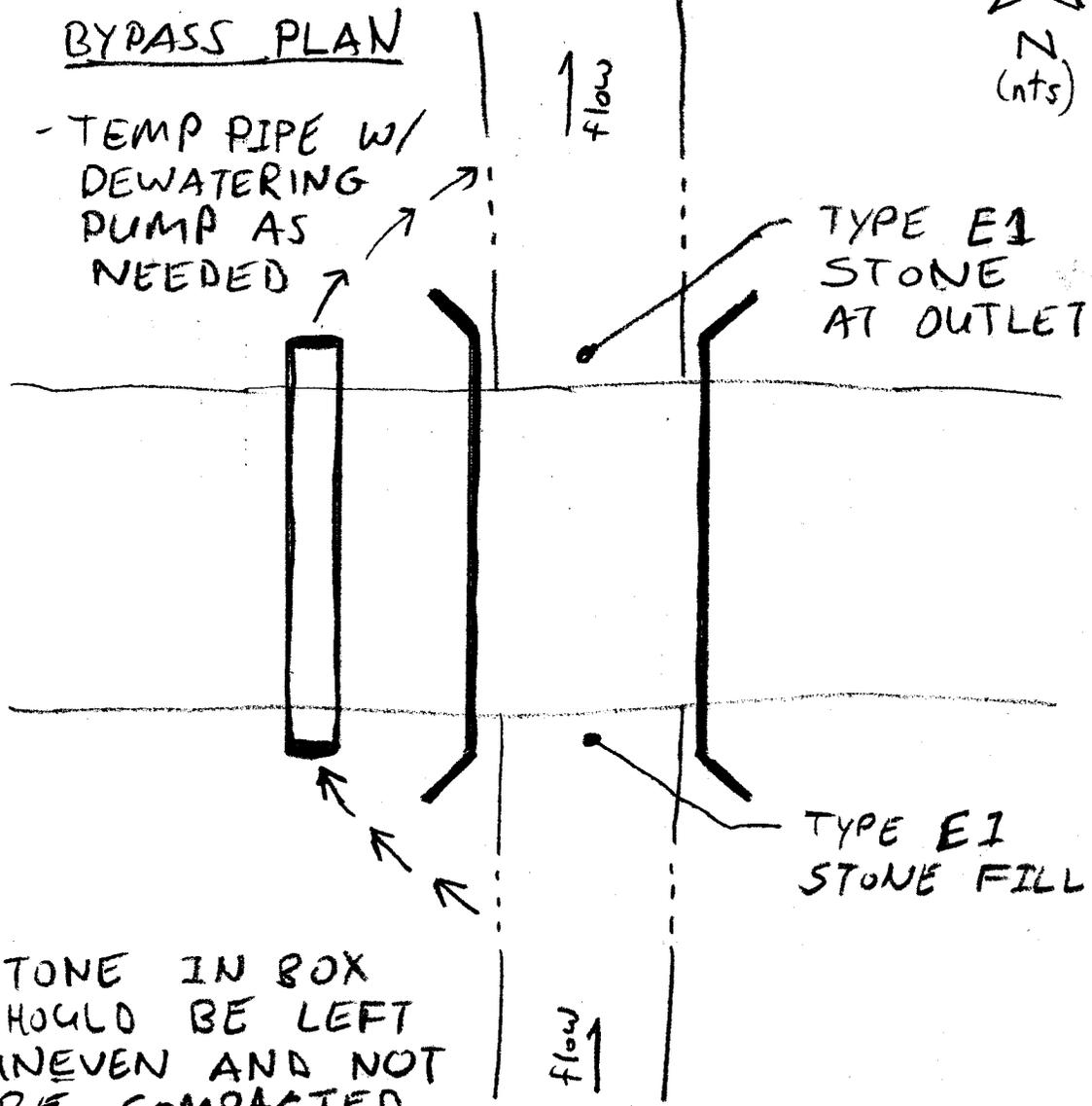
- 10' x 6' INSIDE OPENING
- 4 SIDED BOX CULVERT
- 6" BED RETENTION SILLS
- BURY BOX 12" MIN
- 10' x 5' OPEN AREA
- SLOPE = 1% (MATCH STREAM)
- TYPE E1 STONE FILL



TYPE E1 STONE SPEC

- 18" MINUS STONE *
 - D50 = 12", D25 = 2" GRAVEL
 - NATIVE RIVER ROCK, OK
- 07/27/2015

BYPASS PLAN



* STONE IN BOX SHOULD BE LEFT UNEVEN AND NOT BE COMPACTED

JOSH CARVAJAL, RME