

Vermont Department of Environmental Conservation

Watershed Management Division
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Agency of Natural Resources

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AUTHORIZATION TO CONDUCT NEXT FLOOD MEASURES

Pursuant to Section F of the Vermont Stream Alteration General Permit

Project Number: **SA-05-027-2015 Woodstock River Rd BR 31**

Applicant Name: Town of Woodstock Department of Public Works

Contact: Phil Swanson

Mailing Address: Town of Woodstock, P.O. Box 488, Woodstock, VT 05091

Phone: 802-457-3456

Project Location: River Road TH 53 southwest wing wall BR 31 on Barnard Brook Email: phil@townofwoodstock.org

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

1. This project authorizes repair of existing stone rip-rap protecting the abutment #1 on the southwest wing wall of bridge BR 31 on the River Road over Barnard Brook TH 53 damaged by T.S. Irene.
2. The proposed activity is eligible for coverage under the VT ANR Stream Alteration General Permit – Next Flood Measures.
3. The proposed activity will meet the terms and conditions of Section F of the General Permit provided:
 - a) The project will be completed and approved as shown on the undated typical detail, prepared by VTrans, and approved by the Vermont Agency of Natural Resources as attached herein.
 - b) The project is proportional to the threat and conditioned to cease when the threat to life or to improved property has ended.
 - c) The project will not result in a threat to life, public health or safety.
 - d) The project will meet the standards detailed in subsection E.2.1 and E.2.2 of the General Permit.
 - e) The project will meet Stream Alteration Standards to the greatest extent possible.
 - f) A pre-construction meeting is held between the contractor, owner/applicant, and the ANR River Management Engineer.
 - g) The River Management Engineer is notified by phone or email when construction begins and when the project is complete.

If there are any changes in the project plan or deviation in construction from the plan, the Permittee must notify the River Management Engineer immediately.

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.

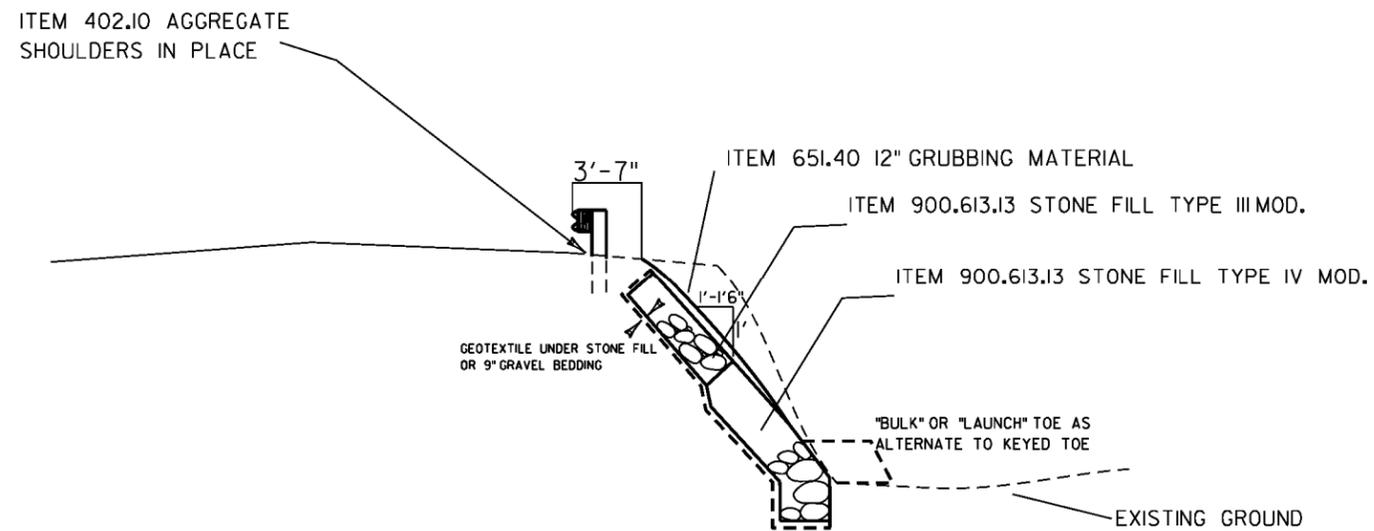
Signed this 6th day of August, 2015
David K. Mears, Commissioner
Department of Environmental Conservation

This permit expires October 1, 2015.

by: 

Todd Menees, P.E., P.H., River Management Engineer

RIP RAP SLOPE PROTECTION



NOTES.

1. HIGH WATER ELEVATION CORRESPONDING TO TOP ELEVATION OF LARGE RIP RAP, AS DIRECTED BY THE ENGINEER. TYPICALLY SET 1'0" ABOVE LOW FLOODPLAIN ON OPPOSITE BANK IF SUCH FLOODPLAIN EXISTS. OTHERWISE, SET APPROXIMATELY EQUAL TO MAJOR FLOOD ELEVATION (EG. 50 YEAR). IF RESULTING HIGH WATER ELEVATION IS ABOVE ROADWAY, CARRY LARGE RIP RAP TO TOP OF SLOPE AND ELIMINATE SMALL SIZED STONE FILL.
2. "BULK" OR "LAUNCH" TOE MAY BE USED INSTEAD OF SCOUR KEY ONLY IF DIRECTED BY THE ENGINEER, AND ONLY IN CASES WHERE ADDITIONAL ENCHROACHMENT IS ACCEPTABLE AND INSTALLATION OF KEY IS IMPRACTICAL

PROJECT NAME: RIP RAP SLOPE PROTECTION

PROJECT NUMBER:

FILE NAME: TYPICALSECTIONS.DGN

PROJECT LEADER: CHRIS BUMP

DESIGNED BY: MATT MURAWSKI

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PLOT DATE: ****DATE***

DRAWN BY: ANDREW BERNIER

CHECKED BY:

SHEET 2 OF 3