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EMERGENCY PROTECTIVE MEASURE – FINAL AUTHORIZATION

Pursuant to Section E of the Vermont Stream Alterations General Permit

Project Number: EPM-029-2014 Chester Blue Hill Rd BR 74 Scour Repair

Municipality: Town of Chester, PO Box 370, Chester, VT 05143

Phone: (802) 875-2173

Contact: Graham Kennedy or Julie Hance

Email: jhchester@vermontel.net

Project Location: Footing Scour East Abutment TH 57 Bridge 74

Watercourse: Williams River

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

1. Authorizes the repair of bridge abutment footing scour made necessary by the imminent threat of bridge abutment failure by scour, the placement of grout and stones to fill the void and placement of stone rip-rap at the abutment face.
2. Is eligible for coverage under the VT ANR Stream Alteration General Permit Measures.
3. Has met the following terms and conditions of Section E of the General Permit:
 - a) Was necessary to preserve life or to prevent severe imminent damage to public and/or private property;
 - b) Had prior approval from a state or municipal governmental representative with the legal authority to make a public health or safety determination;
 - c) Was limited to the minimum amount necessary to remove the imminent threat, was proportional to the threat and ceased when the threat to life or of severe property damage ended;
 - d) Was implemented in a manner consistent with the standards set forth in Sections E.2.1 through E.2.4 of the General Permit;
 - e) Met Stream Alteration Standards to the greatest extent possible.
4. Was documented with photographs and narrative, submitted to VT ANR within 30 days of the emergency protective measure.

The project, as constructed and reported by the municipality, did not incur any violation of Vermont Water Quality Standards.

Signed this 13th day of February, 2015

David K. Mears, Commissioner

Department of Environmental Conservation



by: _____
Todd Menees, P.E., P.H., River Management Engineer

The following Imminent Threat(s) exist because life is imperiled or there is a risk of severe property damage that would otherwise occur within the next 72 hours including:

- Flood-related erosion has just occurred, damaging property and infrastructure, and further erosion at the site is imminent.

The Emergency Protective Measure(s) will be consistent with the standards in Subchapter 27-704 of the Vermont Stream Alteration Rules and will minimize imminent threats by:

- Removing a limited quantity of sediment and debris and creating a channel for flows that otherwise result in the imminent threats that have or will occur when a defined channel does not exist.
- Making stream bed or streambank fills necessary to limit further stream channel movement(s) that have or will otherwise result in imminent threats when public access is eliminated or property is severely damaged by erosion.
- Repairing or replacing infrastructure, the loss of which is or would be an imminent threat to public health and safety.
- Constructing a temporary berm to redirect flows that have or will otherwise result in imminent threats of severe damage to an improved property.

DOCUMENTATION

Please be aware that if preliminary authorization is granted, the following information must be received **within 30 days** of EPM completion to finish the process and be granted Final Authorization. An additional 30 days may be granted upon request.

- A copy of the Preliminary Authorization
- Photo documentation of the work
- Map documentation of the location of the work
- Description of the types and quantities of instream materials removed and/or protective fills required

If you have any questions, please contact the Rivers Administrative Assistant, Morgaine Bell, at 802-490-6195 or ANR.WSMDRivers@state.vt.us

EPM-029-2014

Blue hill bridge TH# 57 BRIDGE # 74

REPLACE RIP RAP 224 YDS TYPE IV STONE

PLACED CONCRETE UNDER FOOTING 14 YDS







