



**US Army Corps  
of Engineers®**  
New England District

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# PUBLIC NOTICE

**Date:** December 27, 2002

**In Reply Refer To:** Greg Penta

**email:** gregory.r.penta@usace.army.mil

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## **NOTICE OF 401 WATER QUALITY CERTIFICATION FOR THE VERMONT GENERAL PERMIT AND AMENDMENT TO THE VERMONT GENERAL PERMIT (# 58)**

The Corps of Engineers reissued the Vermont GP on October 15, 2002, and at that time the Vermont Department of Environmental Conservation (DEC) noticed their intent to grant 401 Water Quality Certification (WQC) under Section 401 of the Clean Water Act for activities in waters of the U.S. listed under Category A of the Vermont General Permit (VTGP), and conditionally grant WQC for activities listed under Category B of the GP, provided the project impacts are minimal and the applicant obtains all other required State permits. The Vermont DEC did not grant WQC for either Category A or B activities before the VTGP issuance date of October 15, 2002.

On November 19, 2002, the Vermont DEC granted WQC for the VTGP. The WQC is provided at <http://www.vtwaterquality.org/announcements.htm>. Note that Condition 2a in the WQC states: 2. All stream crossings at locations with drainage areas of one square mile or greater shall qualify for Category A subject to the following: a. The crossing is a temporary installation consistent with "Acceptable Management Practices for Maintaining Water Quality on Logging Jobs in Vermont."

Corps of Engineers Regulation 33 CFR 323.4(a)(6) states that any discharge of dredged or fill material that may result from the construction or maintenance of forest roads is not prohibited by or otherwise subject to regulation under section 404, where such roads are constructed and maintained in accordance with best management practices (BMP's) to assure that flow and circulation patterns and chemical and biological characteristics of waters of the United States are not impaired, that the reach of the waters of the United States is not reduced, and that any adverse effect on the aquatic environment will be otherwise minimized. There are some exceptions provided at 33 CFR 323.4. Therefore, Condition 2(a) listed above is not applicable.

In accordance with the above, the Vermont GP is amended as follows:

### **(1) Water Quality Certification:**

In accordance with the Vermont DEC's November 19, 2002 WQC, the State Administered Federal Laws section on Page 2 of the VTGP is modified as follows:

## State Administered Federal Laws

### (1) Water Quality Certification (WQC) under Section 401 of the Federal Clean Water Act (33 U.S.C. Sec. 1341).

Section 401(a)(1) of the Clean Water Act requires applicants to obtain a water quality certification or waiver from the Vermont Agency of Natural Resources, DEC, Water Quality Division.

For activities in wetlands and waterways listed in Category A of Appendix A, Definition of Categories of this general permit, the Vermont DEC has granted WQC subject to obtaining the State permits and approvals listed above, when applicable. The State has conditioned this certification so it is valid only for those activities that fully comply with all terms and conditions of this general permit. The Vermont DEC reserves the authority to enforce any violation of the Vermont Water Quality Standards that results from any Category A activity. Therefore, a separate 401 Water Quality Certification application will not be required for activities involving fill in waters of the United States authorized under Category A of this Vermont GP. However, all stream crossings at locations with drainage areas of one square mile or greater shall qualify for Category A subject to the following:

- The crossing has received written approval from the Vermont DEC, or
- More than 15 calendar days elapse without a response from the date of receipt by the Vermont DEC of complete information describing the crossing location and design.

In addition, the following changes are hereby made to the Vermont General Permit:

**(2) Category A Consultation:** The paragraph beginning with “Note that Category A activities...” on Page 3 of the GP, Category A section, is replaced with the following language for clarity:

Consultation with experts is recommended to ensure compliance with all of this GP’s conditions, such as consultation with the Vermont Division for Historic Preservation (VTDHP) to ensure compliance with Condition 6. Also, note that the review thresholds under Category A apply to single and complete projects only (see Condition 5). Permittees must have all required State permits (see Page 2).

### **(3) General Permit Conditions:**

- Condition 5, Single and Complete Projects, is modified as follows for clarity:

5. Single and Complete Projects. This GP shall not be used for piecemeal work and shall be applied to single and complete projects. All components of a single project shall be treated together as constituting one single and complete project. All planned phases of multi-phased projects shall be treated together as constituting one single and complete project. This GP shall not be used for any activity that is part of an overall project for which an individual permit is required. Note that modifications to State permits do not constitute a separate project. Modifications that involve Corps jurisdiction will be screened at the regular screening meetings in order to ascertain compliance with the GP. For linear projects such as power lines, roadways or pipelines, etc., the “single and complete project” (i.e. single and complete crossing) will apply to each crossing of a separate water of the U.S. (i.e. single waterbody) at that location; except that for linear projects crossing a single waterbody several times at separate and distant locations, each

crossing is considered a single and complete project. However, individual channels in a braided stream or river, or individual arms of a large, irregularly-shaped wetland or lake, etc., are not separate waterbodies.

- Condition 31, Duration of Authorization, is modified as follows to clarify the expiration of the GP and projects authorized under it.

#### 31. Duration of Authorization.

- (a) This GP expires five years from the effective date listed at the top of Page 1.
- (b) This GP will remain authorized in accordance with the wording in (a) above, unless this GP is revoked in accordance with 33 CFR 325.2(e)(2);
- (c) Activities authorized under Category A of this GP that have commenced (i.e., are under construction) or are under contract to commence in reliance upon this GP's authorization will remain authorized provided the activity is completed within twelve months of this GP's expiration date.
- (d) Activities authorized under Category B of this GP will remain authorized in accordance with the project-specific date that the Corps provides to the permittee in the GP authorization letter.
- (e) Category A and B activities that have not commenced or are not under contract to commence will remain authorized in accordance with the above wording, unless the circumstances and conditions of any project authorized under this GP are reevaluated and action is initiated to modify, suspend or revoke the particular authorization as may be necessary by considerations of the public interest in accordance with 33 CFR 325.7.

Activities completed under the Category A or B authorizations of this GP will continue to be authorized by this GP after its expiration date. The permittee must be able to document to the Corps satisfaction that the project was under construction or contract by the appropriate date.

- Condition 32, Previously Authorized Activities, is modified as follows to clarify the authorizations of previously authorized activities.

#### 32. Previously Authorized Activities.

- (a) Activities completed under the authorizations of past GP's that were in effect at the time the activity was completed will continue to be authorized by those GP's.
- (b) Projects that have received written verification or approval from the Corps, based on applications made to the Corps prior to issuance of this GP for the previous nationwide permits, regional general permits, or letters of permission shall remain authorized as specified in each authorization.
- (c) This GP does not affect activities authorized pursuant to 33 CFR Part 330.3 ("Activities occurring before certain dates").

If you have any questions, please contact Mr. Greg Penta, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, Massachusetts, 01742-2751, or call (978) 318-8862, (800) 343-4789 or (800) 362-4367, if calling within Massachusetts.



Christine Godfrey  
Chief, Regulatory Division

Permit No: GP-58

Effective Date: 15 October 2002  
Expiration Date: 15 October 2007

**Applicant: General Public-State of Vermont**

# **Department of the Army General Permit State of Vermont**

The New England Division of the U.S. Army Corps of Engineers (Corps) hereby issues a general permit (GP) that expedites review of work determined by the Corps to have minimal impacts to the aquatic environment in navigable and inland waters and wetlands within the State of Vermont.

## **GENERAL CRITERIA:**

Activities with **minimal impacts**, as specified by the terms and conditions of this GP and on the attached APPENDIX A: DEFINITION OF CATEGORIES, are either:

**Category A;** eligible without screening, non-reporting to the Corps, or

**Category B;** determination of eligibility made through interagency screening by the Corps and Federal Resource Agencies (U.S. Fish and Wildlife Service, U.S. Environmental Protection Agency, National Marine Fisheries Service).

**The Corps individual permit review process and activities exempt from Corps jurisdiction are not affected by this General Permit.**

## **ACTIVITIES COVERED:**

Work and structures identified in Appendix A, "Definition of Categories" (attached) when such work is located in, or affects, navigable waters of the United States as regulated by the Corps under Section 10 of the Rivers and Harbors Act of 1899, and the discharge of dredged or fill material into waters of the United States, including wetlands as regulated by the Corps under Section 404 of the Clean Water Act. For clarification, the term "discharge of dredge or fill material" includes certain discharges resulting from excavation (pursuant to 33 CFR PART 323.2 (iii), as revised January 17, 2001, the term "discharge of dredged material" means any addition of dredged material into and including any redeposit of dredged material within the waters of the United States, except discharges that meet the definition of "incidental fallback").

## **PROCEDURES: State Approvals**

Following is a list of State permits and approvals that may be required for work in waters and wetlands in the State of Vermont:

- Vermont Department of Environmental Conservation (VT DEC) approval of a Conditional Use Determination under the Vermont Wetland Rules;
- VT DEC approval of a Stream Alteration Permit under Title 10, Chapter 41, Subchapter 2;
- VT DEC approval of a Lake Encroachment Permit under Title 29, Chapter 11, Management of Lakes and Ponds;
- VT DEC approval of a Dam Construction Permit under Title 10, Chapter 43, Dams;
- VT DEC approval of a 1272 Order under Title 10, Chapter 47;
- Vermont Department of Fish and Wildlife (VT F&W) approval of a Stream Obstruction Permit under Title 10, Chapter 111, Section 4607.

Federal and State jurisdictions may differ in some instances. However, all required State and local permits must be obtained in order for any authorization under this GP to be valid, see condition 1 of this document, page 9.

### **State Administered Federal Laws:**

**(1)** Water Quality Certification (WQC) under Section 401 of the Federal Clean Water Act (33 U.S.C. Sec. 1341).

Section 401(a)(1) of the Clean Water Act requires applicants to obtain a water quality certification or waiver from the VT DEC, Water Quality Division. For activities in wetlands and waterways, the VT DEC has not taken a position with respect to WQC. Applicants must obtain an individual WQC for all activities authorized under the VTGP, regardless of whether they are Category B or non-reporting Category A activities, prior to implementation of any activities authorized under the VTGP until the State completes its review for WQC for the VTGP.

## PROCEDURES, (continued)

### Corps Authorizations

General Permit authorizations consist of both **Category A and B activities (see Appendix A)**. The thresholds outlined in this document are intended to ensure that the GP results in minimal impact to the aquatic environment. The Corps will coordinate review of **all** Category B Activities with Federal Resource Agencies and the State of Vermont and may require project modifications or mitigation to minimize impacts.

All wetland boundaries must be determined in accordance with the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual and any subsequent federal guidance.

### CATEGORY A Non-reporting/Minimal Impacts

**Eligibility** - Activities in Vermont that are:

- Subject to Corps jurisdiction,
- Meet the definition of Category A (Appendix A, Definition of Categories)
- Meet the conditions of this GP (pages 9-15)

**Do not** require separate application to the Corps.

Note that **Category A** activities must be single and complete projects (see Condition 5) and the applicant must have all required state permits (see page 2). Other restrictions and conditions applying to national lands must be met in order for projects to be eligible for authorization under this GP. Refer to conditions 6 through 12 and Appendix A of this GP.

Although Category A projects are non-reporting, the Corps will exercise its discretionary authority and require an **individual permit** review if potential impacts to the aquatic environment may be more than minimal or if any substantial public interest issues are raised. Refer to condition 4 on Discretionary Authority. Category A impacts are limited to 3,000 s.f. to ensure protection of inland waters and wetlands<sup>1</sup> (page 1 of Appendix A).

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<sup>1</sup> excluding Lake Champlain, Lake Memphremagog, Wallace Pond, and adjacent and special wetlands as defined on Page 6 of Appendix A.

# PROCEDURES, (continued)

## Category B Screening/Minimal Impacts

**Eligibility** - Activities in Vermont which are:

- Subject to Corps jurisdiction;
- Meet the definition of Category B in Appendix A, Definition of Categories; and
- Meet the conditions of this GP listed on pages 9-15

**Require written approval from the Corps. These projects will be reviewed through interagency screening to determine whether such activities may be authorized under this GP.**

The Corps and the VT DEC will screen projects with impacts between 3,000 square feet (s.f.) and 5,000 s.f. The Corps, Federal resource agencies and the VT DEC will screen projects with impacts over 5,000 s.f. The Corps, Federal resource agencies and the VT DEC will comprise the interagency review team. To be eligible and subsequently authorized, an activity must result in minimal impacts to the aquatic environment as determined by the Corps based on comments from the review team and the criteria listed herein. Mitigation may be required to compensate for unavoidable impacts to ensure net effects of a project are minimal. When necessary, the Corps shall contact the applicant to discuss concerns raised during screening.

Note that review thresholds under Category B apply to single and complete projects only (see condition 5). There are also restrictions and conditions applying to national lands that must be met in order for projects to be eligible for authorization under this GP. Refer to conditions 6 through 12.

In order for the interagency review team to review a project, the applicant must submit adequate information. This information includes, but is not limited to:

- Plans which illustrate the proposed work in reference to the limits of Corps jurisdiction as applicable. Plans should be on 8.5" by 11" paper and contain all other appropriate information.
- A description of the proposed work, project purpose and location, including a locus map and photographs, if applicable.
- A narrative description of the habitat(s) including dominant plant community(ies) present, soil type and relevant existing and adjacent land uses.
- Identification and description of potential impacts to essential fish habitat (see Condition 9).
- Identification and description of potential impacts to aquatic resources.

## **PROCEDURES**, (continued)

**Application Procedures** - Applicants will apply directly to the Corps at the Vermont Field Office. The Corps will review the application for completeness and screen complete applications for Category B activities impacting between 5,000 s.f. and one acre with the Federal resource agencies.

### **Federal/State Screening Procedures**

Joint screening between the Corps, Federal Resource Agencies and VT DEC will occur on a regular basis for all Category B activities impacting between 5,000 s.f. and one acre of waters or wetlands. The Corps will coordinate with the VT DEC for all Category B projects and the VT DEC will make determinations as to whether or not individual water quality certifications are required. (Note: Applicants still need to apply directly to the VT DEC for any required State permits.) The Corps will also coordinate with the Vermont Division for Historic Preservation (VTDHP) as to potential impacts of a project on historic properties. The Corps will coordinate monthly screenings and, when necessary, hold coordination meetings at the Corps Vermont Project Office in Essex, Vermont. However, efforts at implementing coordination on a more regular basis, through use of mail, will be made.

**The Corps will require individual permit review if any one of the Federal Resource Agencies expresses and identifies a concern related to the aquatic environment within their area of expertise within the specified time frame.**

During the screening coordination, the Corps will determine, in consultation with the Federal Resource Agencies, if applications for Category B activities:

- (1) Require additional information;**
- (2) Are eligible under the GP as proposed;**
- (3) Are ineligible under the terms and/or conditions of this GP;**
- (4) Will require project modification, mitigation or other special conditions to minimize impacts and protect the aquatic environment to be eligible for this GP; or**

## **PROCEDURES**, (continued)

**(5) Require individual permit review irrespective of whether the terms and conditions of this GP are met, based on agency concerns within their area of expertise, or on other concerns for the aquatic environment or on any other factor of the public interest (see Condition 4, Discretionary Authority).**

If a Federal resource agency raises concerns during the screening process, the Corps may contact the applicant to discuss the concerns and possible modifications or mitigation to the project. If the applicant is unable to resolve the concerns or modify the project, the Corps will require an individual permit for the activities if that agency so requests.

The Corps will notify the applicant in writing within 25 working days of project screening if their project is determined not to be eligible for Category B and will be required to undergo an Individual Permit Review. The Corps will provide information about submitting the necessary application materials for individual permit review. If the applicant is able to modify the proposal to address agency concerns, that project may be rescreened with the review team and subsequently authorized under the GP.

Comments regarding projects reviewed during screening may initially be verbal and will be accepted within 10 working days of the date the project information is received. Each commenting agency shall complete and submit VTGP comment forms for the file and/or provide verbal or email comments to the appropriate Corps project manager. Comment forms will be accepted by the Corps during the 10 working day verbal comment period following the Agency's receipt of the application. Applicant project information will be mailed out at least monthly on a regular basis.

The **initial** verbal comments **must be confirmed in writing within 10 working days** after the verbal comment period in order for the Corps to require an individual permit. The Federal Resource Agency's concerns must be clearly identified and reflect a concern related to the aquatic environment within their area of expertise. Comments should state the species or resources that could be impacted by the activity(ies) and describe the impacts that either individually or cumulatively will be more than minimal. The written response must be signed by the Federal agency field supervisor or Branch Chief, as appropriate.

## **Category B Screening/Emergency Situations**

**E**mergency situations are limited to sudden, unexpected occurrences that could potentially result in an unacceptable hazard to life, a significant loss of property, or an immediate, unforeseen, and significant economic hardship if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process an application under standard procedures.

If an emergency situation requires action in less than 30 days after the occurrence, it qualifies for the amended notification procedures described below.

**Notification Procedures for Emergency Situations:** The Federal resource agencies, VT DEC and the Vermont Division for Historic Preservation will each designate an alternate to be contacted in the event the regular contact is unavailable. The VT DEC, Vermont Emergency Management (VTEM), or FEMA will notify the Corps within 24 hours of the occurrence of a disaster and advise the Corps of the nature of the occurrence and any known remedial and/or protective measures. The Corps will notify agency representatives that a disaster has occurred within one working day of being notified by the VT DEC, VTEM or FEMA.

When an application for Category B work is received that the Corps Vermont Project Office determines is an “emergency” as defined above, the Corps will fax a copy of the plans and Determination of Eligibility (DOE) to the agency representatives and their alternates. The resource agencies would then have sixteen working hours to notify the Corps if they have any comments on authorization of the project under the GP. Objections to the Corps’ determination of an “emergency” situation will not be accepted. If no response is received within sixteen working hours, the Corps will proceed with a decision on the application. If the resource agencies have comments on the proposal, they will have sixteen working hours to put their comments in writing. If written comments from the Federal agencies are not received within sixteen working hours, the Corps will proceed with a decision on the application.

If a Federal agency requests that an individual permit be required for a project or requests modifications to the project based on concerns within their area(s) of expertise, the Corps will notify the applicant within 8 working hours of receipt of that request that the project as proposed does not qualify for authorization under the VTGP and that an individual permit will be required. In any event, the Corps will notify the applicant within 48 working hours of commencement of the screening process as to whether the project may proceed under the VTGP.

# INDIVIDUAL PERMIT

Work that is in the INDIVIDUAL PERMIT category as listed in Appendix A, DEFINITION OF CATEGORIES, or that does not meet the terms and conditions of this GP, on the next page, will require an application for an individual permit from the Corps of Engineers (see 33 CFR Part 325.1). Applications and supporting materials for work that is clearly in the Individual Permit category should be submitted directly to the Corps of Engineers as early as possible in order to expedite the permit review process. General information and application forms can be obtained by calling the Corps New England District at 1-800-343-4789 or 1-800-362-4367 (within Massachusetts), or the Corps Vermont Project Office at 802-872-2893. Individual WQC will be required from the appropriate VT Resource Agency(ies). Filing an Individual Permit application does not relieve the applicant from their obligation to obtain all necessary state approvals from the appropriate VT Resource Agency(ies) or any applicable local approvals.

## General Permit Conditions:

The following conditions apply to activities authorized under this GP, including all Category A (non-reporting) and Category B (reporting/screening) activities:

## GENERAL REQUIREMENTS:

**1. Other Permits.** Authorization under this general permit does not obviate<sup>2</sup> the need to obtain other Federal, state, or local authorizations required by law.

**2. Applicability of this GP shall be evaluated with reference to Federal jurisdictional boundaries.** Applicants are responsible for ensuring that the boundaries used satisfy the Federal criteria defined at Title 33 CFR 328-329. These sections prescribe the policy, practice and procedures to be used in determining the extent of jurisdiction of the Corps of Engineers concerning “waters of the United States” and “navigable waters of the United States.” Wetland boundaries shall be performed in accordance with the January 1987 Corps of Engineers Wetlands Delineation Manual, located at <http://www.saj.usace.army.mil/permit/documents/87manual.pdf>. The U.S. Fish and Wildlife Service publishes the National List of Plant Species that Occur in Wetlands, located at <http://www.nwi.fws.gov>. The Natural Resources Conservation Service (NRCS) publishes the current hydric soil definition, criteria and lists, located at <http://www.statlab.iastate.edu/soils/hydric>.

**3. Minimal Effects.** Projects authorized by this general permit shall have minimal individual and cumulative adverse environmental impacts as determined by the Corps.

**4. Discretionary Authority.** Notwithstanding compliance with the terms and conditions of this permit, the Corps of Engineers retains discretionary authority to require an application for an individual permit **for any regulated project** based on concerns for the aquatic environment or for any other factor of public interest. This authority is invoked on a case-by-case basis whenever the Corps determines that the potential consequences of the proposed activity warrant individual review based on the concerns stated above. This authority may be invoked for projects with cumulative environmental impacts that are more than minimal, or if there is a special resource or concern associated with a particular project that is not already covered by the remaining conditions of the GP and that warrants greater review. Whenever the Corps notifies an applicant that an individual permit may be required, authorization under this GP is void, and no work may be conducted until the individual Corps permit is obtained, or until the Corps notifies the applicant that further review has demonstrated that the work may proceed under this GP.

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<sup>2</sup> obviate means "to make unnecessary"

**5. Single and Complete Projects.** This General Permit shall not be used for piecemeal work and shall be applied to single and complete projects. All components of a single project shall be treated together as constituting one single and complete project. All planned phases of multi-phased projects shall be treated together as constituting one single and complete project. This does not apply to linear projects, such as powerlines or pipelines, with multiple, separate, and distinct waterway or wetland crossings, where each crossing may be reviewed for Category A eligibility. This GP shall not be used for any activity that is part of an overall project for which an individual permit is required. Note that modifications to State permits do not constitute a separate project. Modifications which involve Corps jurisdictions will be screened through interagency coordination in order to ascertain compliance with the GP.

## **NATIONAL CONCERNS:**

**6. Historic Properties.** Any activity authorized by this GP shall comply with Section 106 of the National Historic Preservation Act. Information on the location and existence of historic resources can be obtained from the Vermont Division for Historic Preservation and the National Register of Historic Places.

Applicants with projects which will undergo the screening process shall submit a copy of their application materials to the Vermont Division for Historic Preservation (address on page 16 of this document) to be reviewed for the presence of historic/archaeological resources in the permit area that may be affected by the proposed work. The Corps will then be notified by that agency if there are State concerns that the proposed work will have an effect on historic resources. The applicant should include with their application to the Corps, either a copy of their cover letter to the Vermont Division for Historic Preservation, or a statement of having done so.

If the permittee, during construction of work authorized herein, encounters a previously unidentified archaeological or other cultural resource within the area subject to Corps jurisdiction that might be eligible for listing in the National Register of Historic Places, he/she shall stop work and immediately notify the District Engineer and the Vermont Division for Historic Preservation.

**7. National Lands.** Activities authorized by this GP shall not impinge upon the value of any National Wildlife Refuge, National Forest, or any other area administered by the U.S. Fish and Wildlife Service, U.S. Forest Service, or National Park Service.

**8. Endangered Species.** No activity is authorized under this GP which may affect a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA); or which is likely to destroy or adversely modify the critical habitat of such species; or which would result in a "take" of any threatened or endangered species of fish

or wildlife, or which would result in any other violation of Section 9 of the ESA protecting threatened or endangered species of plants. Applicants shall notify the Corps if any listed species or critical habitat is in the vicinity of the project and shall not begin work until notified by the District Engineer that the requirements of the Endangered Species Act have been satisfied and that the activity is authorized. Information on the location of threatened and endangered species and their critical habitat can be obtained from the U.S. Fish and Wildlife Service and National Marine Fisheries Service (addresses attached, page 16).

**9. Essential Fish Habitat.** As part of the GP screening process, the Corps will coordinate with the National Marine Fisheries Service (NMFS) in accordance with the 1996 amendments to the Magnuson-Stevens Fishery and Conservation Management Act to protect and conserve the habitat of marine, estuarine and anadromous finfish, mollusks, and crustaceans. This habitat is termed "essential fish habitat (EFH)", and is broadly defined to include "those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity." Applicants may be required to describe and identify potential impacts to EFH. Any work in streams in the Connecticut River watershed that are stocked with Atlantic salmon (see attached lists) shall not be authorized under Category A of the VTGP and must be screened for potential impacts to EFH. Conservation recommendations made by NMFS will normally be included as a permit requirement by the Corps. Information on the location of EFH can be obtained from the NMFS (50 CFR Part 600)(address listed on page 16).

**10. Wild and Scenic Rivers.** Any activity that occurs in a component of, or within 0.25 miles up or downstream of the main stem or tributaries of a river segment of, the National Wild and Scenic River System, must be reviewed by the Corps under the procedures of Category B of this GP. This condition applies to both designated Wild and Scenic Rivers and rivers designated by Congress as Study Rivers for possible inclusion while such rivers are in an official study status. At this time, there are no rivers in Vermont listed as either designated or as study rivers.

**11. Federal Navigation Project.** Any structure or work that extends closer to the horizontal limits of any Corps navigation project than a distance of three times the project's authorized depth shall be subject to removal at the owner's expense prior to any future Corps dredging or the performance of periodic hydrographic surveys.

**12. Navigation.** There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein, and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein.

## **MINIMIZATION OF ENVIRONMENTAL IMPACTS:**

**13. Minimization.** Discharges of dredged or fill material into waters of the United States shall be avoided and minimized to the maximum extent practicable.

**14. Work in Wetlands.** Heavy equipment working in wetlands shall be avoided if possible. If such work is unavoidable, when site conditions are such that rutting, soil compaction, erosion or other disturbance would result, equipment shall be placed on mats or other measures taken (such as delay work until frozen or dry ground conditions exist) to minimize adverse effects to soil and vegetation. Disturbed areas in wetlands shall be restored to preconstruction contours and conditions upon completion of the work.

**15. Temporary Fill.** Temporary fill in waters and wetlands authorized by this GP (e.g. access roads, cofferdams) shall be properly stabilized during use to prevent erosion. In addition, temporary fill in navigable or inland waters of the U.S. should consist of a material that minimizes impacts to water quality (e.g. sandbags or clean, gravel and/or stone). Temporary fill in wetlands shall be placed on geotextile fabric which is laid on the existing wetland grade. Temporary fills shall be disposed of at an upland site and suitably contained to prevent erosion and/or transport to a waterway or wetland. All areas of temporary fill shall be restored to their original elevations.

**16. Sedimentation and Erosion Control.** Adequate sedimentation and erosion control management measures, practices and devices, such as phased construction, vegetated filter strips, geotextile silt fences or other devices, shall be installed and properly maintained to reduce erosion and retain sediment on-site during and after construction. They shall be capable of preventing erosion, of collecting sediment, suspended and floating materials, and of filtering fine sediment. These devices shall be removed upon completion of work and the disturbed areas shall be stabilized. The sediment collected by these devices shall be removed and placed at an upland location, in a manner that will prevent its later erosion into a waterway or wetland. All exposed soil and other fills shall be permanently stabilized at the earliest practicable date.

### **17. Waterway Crossings.**

**(a)** All temporary and permanent crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed to withstand and to prevent the restriction of high flows, to maintain existing low flows, and so as not to obstruct the movement of aquatic life indigenous to the waterbody beyond the actual duration of construction.

**(b)** No open trench excavation in flowing waters shall be allowed unless screened pursuant to Category B and conditioned to protect the aquatic environment.

**(c)** Temporary bridges, culverts, or cofferdams shall be used for equipment access across streams (note: areas of fill and/or cofferdams must be included in total waterway/wetlands impacts to determine applicability of this general permit).

**(d)** For projects that otherwise meet the terms of Category A, unconfined in-stream construction work (without cofferdams) shall be conducted during the low flow period of July 15 - October 1 in any year. Projects that are conducted outside of that time period are ineligible for Category A and shall be screened pursuant to Category B, regardless of the waterway and wetland fill and/or impact area.

### **18. Discharge of Pollutants.**

All activities involving any discharge of pollutants into waters of the United States authorized under this general permit shall be consistent with applicable water quality standards, effluent limitations, standards of performance, prohibitions, and pretreatment standards and management practices established pursuant to the Clean Water Act (33 U.S.C. 1251), and applicable state and local laws. If applicable water quality standards, limitations, etc., are revised or modified during the term of this permit, the authorized work shall be modified to conform with these standards within 6 months of the effective date of such revision or modification, or within a longer period of time deemed reasonable by the District Engineer in consultation with the Regional Administrator of the Environmental Protection Agency. Applicants may presume that state water quality standards are met with issuance of the Section 401 Water Quality Certification (applicable only to the Section 404 activity).

**19. Spawning Areas.** Discharges into known: **a)** fish and shellfish spawning or nursery areas; or **b)** amphibian and waterfowl breeding areas, during spawning or breeding seasons shall be avoided. Additionally, impacts resulting from discharges into these areas shall be minimized to the maximum extent practicable during all other times of the year.

**20. Storage of Seasonal Structures.** Seasonal or recreational structures such as pier sections, floats, etc., that are removed from the waterway for a portion of the year shall be stored in an upland location, located above ordinary high water and not in a wetland.

**21. Environmental Values.** The permittee shall make every reasonable effort to carry out the construction or operation of the work authorized herein in a manner so as to maintain as much as is practicable, and to minimize any adverse impacts on, existing fish, and wildlife, and natural environmental values.

**22. Fluvial Geomorphic Processes.** Wherever practicable, projects should be designed to accommodate the natural tendencies of the fluvial system. This will greatly enhance the likelihood of long-term success of the project and minimize the chance of exacerbating an otherwise undesirable physical adjustment

process. Recognition of these processes requires assessment of physical parameters and characteristics of the watershed, the water and sediment regimes, the channel and floodplain, the anthropogenic influences and constraints on the reach concerned and to what extent sediment transport continuity in the reach can be attained.

## **PROCEDURAL CONDITIONS:**

**22. Inspections.** The permittee shall allow the District Engineer or his authorized representative(s) to make periodic inspections at any time deemed necessary in order to ensure that the work is being performed in accordance with the terms and conditions of this permit. The District Engineer may also require post-construction engineering drawings for completed work, and post-dredging survey drawings for any dredging work.

**23. Maintenance.** The permittee shall maintain the work or structures authorized herein in good condition, including maintenance to ensure public safety. Note that this does not include maintenance of dredging projects. Maintenance dredging is subject to the review thresholds described on the attached Appendix A, DEFINITION OF CATEGORIES and/or any conditions included in a written Corps authorization.

**24. Property Rights.** This General Permit does not convey any property rights, either in real estate or material, or any exclusive privileges, nor does it authorize any injury to property or invasion of rights or any infringement of federal, state, or local laws or regulations.

**25. Modification, Suspension, and Revocation.** This General Permit may be either modified, suspended, or revoked in whole or in part pursuant to the policies and procedures of 33 CFR 325.7; any such action shall not be the basis for any claim for damages against the United States.

**26. Restoration.** The permittee, upon receipt of a notice of revocation of authorization under this GP, shall restore the wetland or waterway to its former conditions without expense to the United States, and as directed by the Secretary of the Army or his authorized representative. If the permittee fails to comply with such a directive, the Secretary or his designee may restore the wetland or waterway to its former condition, by contract or otherwise, and recover the cost from the permittee.

**27. Special Conditions.** The Corps may impose other special conditions on a project authorized pursuant to this GP that are determined necessary to minimize adverse environmental effects or based on any other factor of the public interest. These may be based on concerns from a Federal resource agency. Failure to comply with all conditions of the authorization, including special conditions, will constitute a permit violation and may subject the permittee to criminal, civil, or administrative penalties or restoration.

**28. False or Incomplete Information.** If the Corps makes a determination regarding the eligibility of a project under this GP, and subsequently discovers that it has relied on false, incomplete, or inaccurate information provided by the permittee, the permit shall not be valid and the U.S. Government may institute legal proceedings.

**29. Abandonment.** If the permittee decides to abandon the activity authorized under this GP, unless such abandonment is merely the transfer of property to a third party, he/she may be required to restore the area to the satisfaction of the District Engineer.

**30. Enforcement cases.** This general permit does not apply to any existing or proposed activity in Corps jurisdiction associated with a Corps of Engineers or EPA enforcement action, until such time as the enforcement action is resolved or the Corps or EPA as appropriate determines that the activity may proceed independently without compromising the enforcement action.

## **DURATION OF AUTHORIZATION/ GRANDFATHERING:**

**31. Duration of Authorization.** This GP authorization expires five years from the effective date. Category A activities authorized under this GP that have commenced (i.e., are under construction, or are under contract to commence) will remain authorized provided the activity is completed within twelve months of the expiration date. Category B activities authorized under this GP are valid as specified in the GP authorization letter unless:

- (a) the GP is either modified or revoked, or
- (b) discretionary authority has been exercised in accordance with 33 CFR 325.2(e)(2). Activities completed under this GP will continue to be authorized by the GP after the expiration date.

**32. Previously Authorized Activities.** Activities authorized pursuant to 33 CFR Part 330.3 (activities occurring before certain dates) are not affected by this GP.

  
DISTRICT ENGINEER

10 October 2002  
DATE

**CONTACTS FOR  
VERMONT  
GENERAL PERMIT:**

**U.S. Army Corps of Engineers**

New England District, Regulatory Branch  
Vermont Project Office  
8 Carmichael Street, Suite 205  
Essex Junction, Vermont 05452  
(802) 872-2893  
Fax #: 802 879-7638

**National Park Service**

National Park Service  
North Atlantic Region  
15 State Street  
Boston, Massachusetts 02109  
(617) 223-5191

**U.S. Environmental Protection Agency**

New England Region, VT State Program Unit - OEP/CVT  
JFK Federal Building 1 Congress Street, Suite 1100  
Boston, MA 02114-2023  
(617) 918-1399

**Essential Fish Habitat:**

National Marine Fisheries Service  
One Blackburn Drive  
Gloucester, Massachusetts 01930  
(978) 281-9300

**Federal Endangered Species:**

U.S. Fish and Wildlife Service  
70 Commercial Street, Suite 300  
Concord, New Hampshire 03301-5087  
(603) 223-2541

**State Endangered Species**

**VT Agency of Natural Resources**

Dept. of Fish and Wildlife  
Non-Game and Natural Heritage Program  
103 South Main Street  
Waterbury, Vermont 05671-0501  
(802) 241-3700

**Historic Resources**

**Division for Historic Preservation**

National Life Building  
Drawer 20  
Montpelier, Vermont 05620-0501  
(802) 828-3211

**Vermont Agency of Natural Resources**

**Department of Environmental Conservation**

Water Quality Division - Wetlands  
103 South Main Street  
Waterbury, Vermont 05671-0408  
(802) 241-3770

**Dept. of Environmental Conservation**

Water Quality Division  
Encroachment Program  
103 South Main Street  
Waterbury, Vermont 05671-0408  
(802) 241-3777

**Dept. of Environmental Conservation**

River Management Program  
1229 Portland Street, Suite 201  
St. Johnsbury, Vermont 05819  
(802) 751-0129

**Dept. of Environmental Conservation**

Dam Safety Program  
103 South Main Street  
Waterbury, Vermont 05671-0407  
(802) 241-3737

**Department of Fish and Wildlife**

Stream Obstruction Program  
103 South Main Street  
Waterbury, VT 05671-0408

# Appendix A - Definition of Categories

Conditions of the GP apply to all categories, see pages 9 through 15 of this document

**Inland Waters and Wetlands (Waters of the U.S.)** (1) Excluding Lake Champlain, Lake Memphremagog, Wallace Pond & wetlands adjacent to these water bodies.

Activity	Category A	Category B	Individual Permit
<b>1) NEW FILL/ EXCAVATION DISCHARGES</b>	<p>Less than 3,000 s.f. waterway and/or wetland fill &amp; excavations &amp; secondary impacts (e.g. areas drained, flooded or mechanically cleared) provided:</p> <ul style="list-style-type: none"> <li>•no impact to special wetlands (6)</li> <li>•the impact area includes all temporary (5) &amp; permanent discharges;</li> <li>•in stream work limited to 7/15-10/1.</li> </ul> <p>Notes: Dams, dikes, water withdrawals (other than dry hydrants used exclusively for firefighting activities with no stream impoundments), or diversion fills &amp; any fills in special wetlands (6) are Cat B activities. No non-reporting fills in the towns of Athens, Brookline, Grafton, Newfane, Putney, Rockingham, Springfield, or Townshend. No non-reporting fills below Ordinary High Water (OHW) in EFH waters (8)</p>	<ol style="list-style-type: none"> <li>1. 3,000 SF to one acre inland waterway and/or wetland fill &amp; secondary impacts, (e.g. areas drained, flooded or cleared). Includes all temporary (5) &amp; permanent fill &amp; excavation areas.</li> <li>2. Time of year restrictions determined on a case by case basis.</li> <li>3. Any fill up to one acre in a special wetland (6), EFH waters (8), or in the towns of Athens, Brookline, Grafton, Newfane, Putney, Rockingham, <i>Springfield</i>, or Townshend.</li> <li>4. Dams, dikes, water withdrawals or diversion fills &amp; any fills in special wetlands.</li> </ol>	<p>Greater than one acre inland waterway and/or wetland fill &amp; secondary impacts (e.g. area drained, flooded or cleared). Includes temporary (5) and permanent fill and areas affected by excavation discharges.</p>
<b>2) BANK STABILIZATION PROJECTS</b>	<p>Bank stabilization less than 500 linear feet (l.f.) &amp; an average of 1 cubic yard (c.y.) per l.f. of fill below ordinary high water (OHW) or less provided no wetland fill. Not including projects on rivers listed as notes 7 and 8, App. A.</p>	<p>Stabilization projects greater than 500 l.f. and/or greater than 1 c.y. (average) of fill below OHW or any amount of wetland fill, or any projects on rivers listed in notes 7 and 8, App A.</p>	
<b>3) REPAIR &amp; MAINTENANCE OF AUTHORIZED FILLS</b>	<p>Repair or maintenance of existing, currently serviceable, authorized fills with no expansion or change in use provided no impact to special wetlands. (6) No non-reporting work below Ordinary High Water (OHW) in EFH waters (8)</p>	<p>Replacement of non-serviceable fills, expansion of serviceable fills up to 1 acre (limit of impact to waters of U.S. for entire project), repair or replacement of fill with a change in use Any work in EFH waters (8),</p>	<p>Replacement of serviceable and non-serviceable fills with expansion over one acre</p>

## Appendix A - Definition of Categories

Conditions of the GP apply to all categories, see pages 9 through 15 of this document

**Inland Waters and Wetlands (Waters of the U.S.)** (1) Excluding Lake Champlain, Lake Memphremagog, Wallace Pond & wetlands adjacent to these water bodies.

Activity	Category A	Category B	Individual Permit
<b>4) MISCELLANEOUS</b>	Oil spill clean-up discharges. Fish and wildlife harvesting devices such as duck blinds. Temporary scientific measurement devices and survey activities, i.e. exploratory drilling, surveying, sampling. Does not include oil/gas exploration & fills for roads or construction pads. Includes monitoring wells and recreational gold mining.	Zebra Mussel Control Projects. Fishery habitat enhancement structures. Utility line crossings, water intakes and outfalls, and sea lamprey control projects.	Project where an EIS is required by the Corps
<b>5) MISCELLANEOUS Navigable Waterways and Adj. Wetlands Only</b> (see App. A, Note 2) (See App. A, pages 3-5 for work in or affecting Lake Champlain, Lake Memphremagog, Wallace Pond, and/or adj. wetlands)		<ol style="list-style-type: none"> <li>1. New and maintenance dredging up to 5,000 c.y. with upland disposal or beach nourishment. No impacts to special aquatic sites.</li> <li>2. Aerial transmission lines.</li> <li>3. Floating or post supported docks or decks</li> <li>4. Private, non-commercial, single-boat moorings.</li> <li>5. Utility lines installed by directional bores.</li> </ol>	<ol style="list-style-type: none"> <li>1. Maintenance dredging of any amount affecting a special aquatic site.</li> <li>2. New and maintenance dredging greater than 5,000 c.y. or in or affecting a special aquatic site.</li> <li>3. Dredging with open water disposal.</li> </ol>

## Appendix A - Definition of Categories

Conditions of the GP apply to all categories, see pages 9 through 15 of this document

Lake Champlain, Lake Memphremagog, Wallace Pond and wetlands adjacent to these water bodies.

6) NEW FILL	No non-reporting fills	Up to 5,000 s.f. waterway/ wetland fill & secondary impacts (e.g. areas drained, flooded or cleared). Includes boat ramps & bridge fills. Includes all temporary (5) & permanent waterway/wetland fills.	Greater than 5,000 s.f. waterway/wetland fill & secondary impacts (e.g. areas drained, flooded, or cleared). Includes all temporary (5) & permanent waterway/wetland fills. Temporary (5) fill and excavation discharges over 5,000 s.f.
7) REPAIR & MAINTENANCE WORK	Repair or maintenance of existing, currently serviceable, previously authorized structures & fills with no expansion or change in use.	Replacement of non-serviceable structures or fills, and repair of serviceable, authorized fills with expansion up to 5,000 s.f. (limit of impact to waters of U.S. for entire project).	Repair or replacement with expansion greater than 5,000 s.f., or change in use.
8) DREDGING		New and Maintenance dredging up to 5,000 c.y. with upland disposal or beach nourishment. No impacts to special aquatic sites. (3)	Maintenance dredging of any amount affecting a special aquatic site. (3) New and Maintenance dredging greater than 5,000 c.y. or in or affecting a special aquatic site. (3) All dredging with open water disposal.
9) MOORINGS	Private, non-commercial, non-rental, single boat moorings not associated with any boating facility, provided not located in a Federal Navigation Project & no interference with navigation.	Moorings that do not meet the terms of Cat A.	
10) PILE SUPPORTED STRUCTURES & FLOATS	<ol style="list-style-type: none"> <li>1. Reconfiguration of existing authorized docks with no additional slips and no expansion and with no encroachment into a Federal Project.</li> <li>2. Private residential docks extending no further waterward than 50 ft. MHW, not greater than 4 ft. wide, &amp; a dock deck area less than 500 s.f.</li> <li>3. No docks, decks or walkways over special aquatic sites.</li> </ol>	<ol style="list-style-type: none"> <li>1. Private non-commercial piers and floats for navigational access to a waterway other than those docks as described in Cat 2.</li> <li>2. Piers, docks, decks, floats, and similar structures that provide public recreational uses such as fishing, swimming, access, etc.</li> </ol>	1. Structures, piers, floats that extend or, with docked or moored vessels will extend, within the horizontal limits of a Federal Navigation Project.

## Appendix A - Definition of Categories

Conditions of the GP apply to all categories, see pages 9 through 16 of this document  
Lake Champlain, Lake Memphremagog, Wallace Pond and wetlands adjacent to these water bodies.

Activity	Category A	Category B	Individual Permit
<b>10) PILE SUPPORTED STRUCTURES &amp; FLOATS</b>		<p>3. Non-fill structures to provide recreational access to the waterbody (e.g. stairways, etc.).</p> <p>4. Minor modifications to existing permitted commercial boating facilities.</p>	<p>2. New structures, including piers and floats, associated with a new commercial boating facility or those associated with a previously unauthorized boating facility or expansions to an existing commercial boating facility. (4)</p>
<b>11) MISCELLANEOUS</b>	<p>1. Temporary (5) buoys, markers, floats, etc. for recreational use during specific events, provided they are removed within 30 days after use is discontinued.</p> <p>2. Seasonal swimming floats.</p> <p>3. Boat &amp; float lifts to authorized residential docks.</p> <p>4. Coast Guard approved aids to navigation.</p> <p>5. Structures/fill incidental to oil spill clean up.</p> <p>6. Scientific measurement devices &amp; survey activities such as exploratory drilling, surveying/sampling provided that such structures do not restrict movements of aquatic organisms. Not to include oil/gas exploration or seismic testing or fills for roads or construction pads.</p> <p>7. Fish &amp; Wildlife harvesting devices, e.g. pound nets, &amp; small/fish attraction devices, e.g. open water fish concentrators, provided activity is not in wetlands, except Sea Lamprey control projects</p>	<p>1. Structures/work in or affecting navigable waters, not defined under any previous headings. Includes, but is not limited to: utility lines, aerial transmission lines, pipelines, outfalls, intakes.</p> <p>2. Zebra Mussel Control Projects</p> <p>3. Fishery habitat enhancement structures</p> <p>4. Sea Lamprey control projects</p> <p>5. Nuisance aquatic plant control projects.</p> <p>6. Utility lines installed by directional bore.</p>	<p>Projects where an EIS is required by the Corps.</p> <p>Activities within the horizontal limits of Corps Federal Navigation project or with docked or moored vessels extending within those limits, (does not include utility lines, aerial lines and subsurface crossings in Cat B.)</p>
<b>12) BANK STABILIZATION PROJECTS</b>		<p>Bank stabilization less than 500 linear feet (l.f.) &amp; an average of 1 cubic yard (c.y.) per l.f. of fill below ordinary high water (OHW) or less provided no wetland fill.</p>	<p>Bank stabilization in excess of 500 l.f. and/or involving more than an average of 1 c.y./l.f. of fill below OHW.</p>

## Appendix A - Definition of Categories

Conditions of the GP apply to all categories, see pages 9 through 15 of this document, State permits may be required for specific projects regardless of the General Permit Category.

### Notes

1. Waters of the U.S. in inland areas: inland rivers, streams, lakes, ponds, and wetlands. (Ref. Title 33 CFR 328.4(c))

2. Navigable Waters: waters that have been designated by Congress as navigable. (Ref. Title 33 CFR 329) In Vermont these waters are: Lake Champlain, the Connecticut River, Lake Memphremagog, Wallace Pond, Ompompanoosuc River to mile 3.8, Waits River to mile 0.9, the Black River from the mouth to mile 25 in Craftsbury, the Battenkill River to mile 50 in Manchester, the Lamoille River from the mouth to mile 79 in Greensboro, the Missisquoi River, including the North Branch, from the mouth to mile 88.5 in Lowell, Otter Creek from the mouth to mile 63.8 in Procter, the Winooski River from the mouth to Marshfield, the Moose River from Passumpsic River to the Victory Town Line, the Nulhegan River from its mouth to its source including the East Branch, the Black Branch and the Yellow Branch, Paul Stream from the mouth to the source, the East Branch of the Passumpsic River from the confluence with the Passumpsic River to East Haven, the Passumpsic River from the mouth to confluence with the East Branch, the White River from its mouth to its source, the Wells River from its mouth to Groton Pond, the Pike River, the Coaticook River, Johns River, the Tomifobia River, and all other international streams.

3. Special Aquatic Sites: Include inland wetlands, vegetated shallows (permanently inundated areas that support rooted aquatic vegetation), and riffle and pool complexes. (Ref. 40 CFR 230)

4. Boating facilities: Facilities that provide, rent or sell mooring space, i.e. marinas, yacht clubs, boat yards, dockominiums.

5. Temporary Impacts: Temporary impacts will be determined on a project specific basis.

6. Special Wetlands: Jurisdictional vernal pools, bogs, fens, and wetlands which provide habitat for threatened or endangered or species as designated by the State of VT Natural Heritage Program. The following definitions for vernal pools, bogs, and fens apply for the purposes of this GP:

Bog - a peat accumulating wetland with hydric, organic soils, a complete, or nearly complete, Sphagnum cover and a pH value ranging from 3.5 to 5.6 that receives water primarily from precipitation. Typical species include Sphagnum, leatherleaf, and pitcher plant.

Fen - a peat accumulating wetland with hydric organic soils and a pH value ranging from 4.0 to 8.0. Sphagnum moss may be present, however, not as a complete cover. It generally receives water and minerals from runoff flowing through it. Typical species include low sedges, Sphagnum, other mosses and heath shrubs.

Vernal Pool - an often temporary body of water occurring in a shallow depression that fills during spring rains and snow melt and typically dries up during summer months. Vernal pools support populations of specialized species which may include wood frogs, mole salamanders (*Ambystoma*), fairy shrimp, fingernail clams and other invertebrates. A feature common to vernal pools is the lack of breeding populations of fish. Some shallow portions of permanent water bodies also provide vernal pool function by supporting breeding populations of vernal pool species. Old, abandoned, artificial depressions may provide these necessary breeding habitats.

## **Appendix A – Definition of Categories**

Conditions of the GP apply to all categories, see pages 9 through 15 of this document, State permits may be required for specific projects regardless of the General Permit Category.

**Notes, continued**

**7. The following rivers are rivers of concern due to either endangered species or cumulative impacts. Therefore, there are no non-reporting bank stabilization activities in these rivers:**

- The West River, from Jamaica to the confluence with the Connecticut River;
- Otter Creek, from Rutland to the confluence with Lake Champlain;
- Lewis Creek, from the Rte 116 crossing to the confluence with Lake Champlain;
- The Missisquoi River from the International Boundary in Richford, VT to the Confluence with Lake Champlain;
- The Lamoille River from Hardwick to the confluence with Lake Champlain;
- The Connecticut River;
- The Winooski River from Montpelier to Lake Champlain;
- The White River to the headwaters;
- Pikes Falls to the headwaters of North Branch of Ball Mountain Brook;
- The Ompompanoosuc River to the headwaters;
- The Poultney River to the headwaters.
- The Batten Kill River to the headwaters.
- The Black River (from its mouth in Springfield to its headwaters).

**8. Any fill in the following waters of the U.S. must be reviewed under category B of the VTGP for potential impacts to Essential Fish Habitat:**

- ◆ The Connecticut River;
- ◆ The Black River (from its mouth in Springfield to its headwaters);
- ◆ The Deerfield River;
- ◆ The Nulhegan River;
- ◆ The Ompompanoosuc River;
- ◆ The Ottauquechee River;
- ◆ The Passumpsic River;
- ◆ Paul Stream;
- ◆ The Saxtons River;
- ◆ The Stevens River;
- ◆ The Wells River;
- ◆ The West River;
- ◆ The White River;
- ◆ The Williams River.