



# Town of Shelburne, Vermont

CHARTERED 1763

P.O. BOX 88 5420 SHELburnE ROAD SHELburnE, VT 05482  
 www.shelburnevt.org 802-985-5118

## MODIFICATION OF WATERCOURSE APPLICATION\*

\* Also available in alternate formats in accordance with the Americans With Disability Act.

### PLEASE USE THIS FORM TO REQUEST MODIFICATION OF WATERCOURSE APPROVAL

The diversion, redirection or relocation of any natural water course, drainage or water runoff pattern with a watershed greater than 10 acres upstream of the point of alteration is allowed only upon issuance of a special zoning permit. Applications seeking approval of a watercourse modification must be accompanied by an Erosion and Sediment Control Plan. No permit will be issued by the Administrative officer unless materials specified in 2020.1A have been presented. Do not prepare and submit this application until you have submitted a GENERAL APPLICATION FORM and have received a GAF number.

### APPLICANT INFO

APPLICANT	PRIMARY CONSULTANT (If any)
First Name (please print)	Name (please print)
Last Name (please print)	Mailing address
Signature	City State Zip
GAF Number	Email
Request	Phone

Please provide or attach a concise description/ narrative of your project:

Form continues on reverse side...

### FOR OFFICE USE ONLY

Date received	by	Referral (s)	by
Fee received	by	Forms offered	by
Permit #	by	Hearing date	

# MODIFICATION OF WATERCOURSE APPLICATION

## PROJECT INFO

Will project divert, redirect or relocate any natural water course, drainage or water runoff pattern with a watershed greater than 10 acres upstream of the point of alteration?			
Date of Erosion Control Plan		Date of Watershed analysis	
Was application prepared by Certified Erosion Control Professional?		Did applicant discuss project w/	
Did you provide copy of application to VT Stream Alteration Engineer?		Did you provide copy of application to VT Flood Insurance Program Coordinator	
Did you provide copy of application to Army Corps of Engineers?		Did you provide copy of application to adjacent downstream communities?	

## CONFORMANCE WITH REVIEW CRITERIA

<p>Applications for watercourse alteration approval must meet several criteria contained in the zoning bylaw. The review process will tend to function more smoothly when you provide thorough responses to the following items.</p>
<p>Describe or summarize and attach any evidence indicating the application is substantially responsive to comments by the Stream Alteration Engineer and National Flood Insurance Program (NFIP) Coordinator at the Vermont Agency of Natural Resources.</p>
<p>Describe or summarize and attach any evidence indicating the application will not adversely affect public safety by increasing flood frequency or severity and/or fluvial erosion hazards;</p>
<p>Describe or summarize and attach any evidence indicating the application will not significantly damage fish or wildlife by causing direct harm to threatened or endangered fish or wildlife populations and/or permanent loss of necessary fish or wildlife habitat;</p>

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# **MODIFICATION OF WATERCOURSE APPLICATION CONFORMANCE WITH REVIEW CRITERIA (CONTINUED)**

Applications to for site plan approval must meet several criteria contained in the zoning bylaw. The review process will tend to function more smoothly when you provide thorough responses to the following items.

Describe or summarize and attach any evidence indicating the application will not significantly damage the rights of riparian owners through erosion, accretion, flow, or similar changes;

Describe or summarize and attach any evidence indicating the application will not decrease the watercourse's water carrying capacity or increase the rate of flow downstream of the modified watercourse, such that the peak flow rate after alteration shall not exceed the pre-alteration rate for the two year and twenty five year, 24-hour storm events .

Describe or summarize and attach any evidence indicating the application will not allow for the establishment of invasive non-native plant species by proposing that bare soils will be seeded and mulched after disturbance and native woody plants are added in quantities that compete against non-native plants.

Statement describing how alternatives to modifying the watercourse were considered and rejected in favor of watercourse modification.

# MODIFICATION OF WATERCOURSE APPLICATION

## NAMES AND ADDRESSES OF ADJOINING PROPERTY OWNERS

A list of list of current adjoining and cross-street property owners " must be submitted in conjunction with this application, along with a set of stamped and addressed envelopes including one for each adjoining and cross-street property.

Adjoiner 1

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 5

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 2

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 6

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 3

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 7

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 4

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Adjoiner 8


Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Use additional copies of this form as required ...

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# MODIFICATION OF WATERCOURSE CHECKLIST AND PROCEDURE

A "Modification of Watercourses Plan" must be submitted in conjunction with this application. The features depicted on such Plan must include the following:

- A. **Project narrative and description of the location of the proposed development.** This must also include the name of the owner of record and applicant, if different, the name(s) of the design professional (s) preparing the plans. (Applicant may rely on ... )
- B. **A context map or orthophoto showing the applicant's entire property, adjacent properties, streets within 200 feet of the site, and approximate location on the site and on adjacent properties within 100 feet of the site boundary.**
- C. **The names and addresses of owners of record of all abutting or facing properties,** as listed in the Town's tax records.
- D. A natural resources map identifying soils, forest cover, class two wetlands and related buffers, vernal pools over 1,000 square feet in area, natural heritage sites on record with the Vermont Natural Heritage program, and any previously mapped significant habitats such as deer wintering areas. This map should be at a scale no smaller than 1"=100' .
- E. **A map depicting existing water course location, proposed diversion/relocation, location of excavation and filling needed for the project, and differentiation of material which proposed diversion will pass over and through.**
- F. Watershed analysis based on hydrological modeling or similar techniques indicating size of drainage facility needed to carry water, as well as the increases, if any, in rate of runoff and quantity of runoff . This analysis shall include assessments of the two year and twenty five year, 24-hour storm events;
- G. An Erosion Prevention and Sediment Control Plan, including a sequence of construction of the site, including stripping and clearing; rough grading; construction of utilities, infrastructure, and buildings; and final grading and landscaping. Sequencing shall identify the expected date on which clearing will begin, the estimated duration of exposure of cleared areas, areas of clearing, installation of temporary erosion and sediment control measures, and establishment of permanent vegetation.
- H. All erosion and sediment control measures necessary to meet the objectives of this local regulation throughout all phases of construction and after completion of development of the site. Depending upon the complexity of the project, the drafting of intermediate plans may be required at the close of each season.
- I. Seeding mixtures and rates, types of sod, method of seedbed preparation, expected seeding dates, type and rate of lime and fertilizer application, and kind and quantity of mulching for both temporary and permanent vegetative control measures
- J. Provisions for maintenance of control facilities, including easements and estimates of the cost of maintenance.
- H. Statement that any land clearing, construction, or development involving the movement of earth shall be in accordance with the Erosion and Sediment Control Plan and that a Certified Erosion Control Professional shall be on site on all days when construction or grading activity takes place
- I. Other information\*.

\*Note: Application for such a special zoning permit shall include such special information as the administrative officer may deem reasonably necessary for evaluating the application

A permit authorizing the Modification of a Watercourse may be issued by the administrative officer only following acceptance of required materials and approval of the application. Before issuing any permit, the administrative officer may consult with staff of the Vermont Agency of Natural Resources regarding the project's conformance with applicable criteria and confirm that copies of the application have been submitted to the adjacent downstream communities, the Stream Alteration Engineer at the Vermont Agency of Natural Resources, and the Army Corps of Engineers . The administrative officer shall confirm notice of the application has to the State National Flood Insurance Program (NFIP) Coordinator at the Vermont Agency of Natural Resources, Department of Environmental Conservation .

**SUBMIT**