

**Vermont Department of Environmental Conservation**

Watershed Management Division, Rivers Program

One National Life Drive – Main 2

Montpelier, VT 05620-3522

<http://dec.vermont.gov/watershed>*Agency of Natural Resources*

[cell] 802-345-3510

[fax] 802-828-1544

[phone] 802-828-1535

**AUTHORIZATION TO CONDUCT STREAM ALTERATION ACTIVITIES**

Pursuant to Section C.2.2.6 of the VT Stream Alteration General Permit

Project Number: **SA-116-2016 West Windsor Brettell Dam Removal**

Applicant Name: Duncan and Judy Brettell

Contact: Duncan Brettell or Chris Yurek

Mailing Address: 1496 Route 44, Brownsville, Vermont 05037

Phone: 802-484-9144 or 802-674-9201

Project Location: Behind House on Mill Brook beside Harrington Road

Email: [ctitus@swcrpc.org](mailto:ctitus@swcrpc.org)

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

1. This project authorizes the removal of a failed and defunct laid-up stone dam on Mill Brook to restore channel capacity, reduce flood impacts and bank erosion and improve water quality and channel equilibrium.
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 shown on the plan dated 10/19/16, prepared by Fitzgerald Environmental, and approved by the Vermont Agency of Natural Resources as attached herein.
  - 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 1<sup>st</sup> through October 1<sup>st</sup>; 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 plan, the Permittee must notify the River Management Engineer immediately.

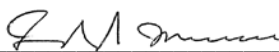
If the project is constructed as you have described, as shown on the above referenced approved plans and according to the above conditions, there is no reason to expect any violation of Vermont Water Quality Standards.

Signed this 3<sup>rd</sup> day of January, 2017

This permit expires October 1, 2017.

Alyssa B. Schuren, Commissioner

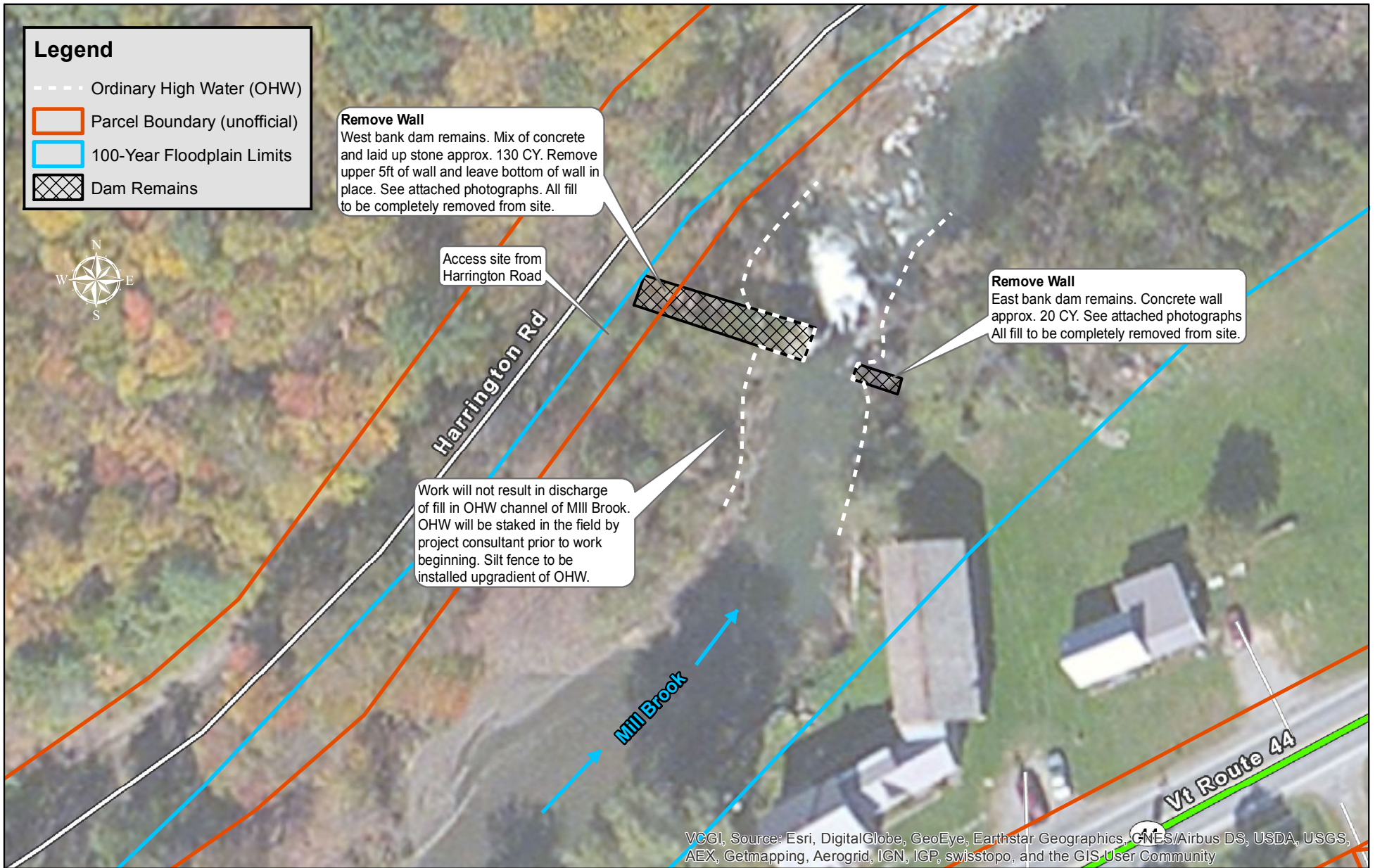
Department of Environmental Conservation

by 

Todd Menees, P.E., River Restoration Engineer

## HARRINGTON DAM REMOVAL PROJECT LOCATION MAP






Fitzgerald  
Environmental  
Associates, LLC

18 Severance Green, Suite 203  
Colchester, VT 05446  
Telephone: 802.876.7778  
[www.fitzgeraldenvironmental.com](http://www.fitzgeraldenvironmental.com)

**Dam Removal Plan**

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**D. Brettell Property  
VT Route 44  
West Windsor, VT**

0    25    50  
Feet

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**Sheet 1**

1 inch = 50 ft

Date: Oct 19, 2016  
Drawn: EPF

**Notes:**

- Basemapping from VCGI
- Floodplain data from FEMA
- Dam remain locations and volumes estimated by Evan Fitzgerald in Oct, 2016