

Appeal Period Expires 11/25/16
 Zoning District AR

Town of Essex, Vermont
Application for Zoning Permit
 www.essex.org

Application Date 1/1/16
 Permit Number 2016-182

All construction is to be completed in accordance with the Town of Essex Zoning Regulations and any/all federal or state regulations now in effect. You are required to post this permit in a conspicuous location on the property during the appeal period and it must remain posted throughout the construction period. **You are required to contact the necessary state agencies to obtain state permits @ 477-2241 (Jeff McMahon, Permit Specialist).**

Any interested person may appeal the decision of the Zoning Administrator to the Zoning Board of Adjustment within fifteen (15) days of the permit's date of issuance. Commencing construction within this fifteen (15) day appeal period is prohibited by law.

Signed: Randy Wolf

A Parcel Account Num. (Map-Parcel-Lot) 2-019-003-003
 (found in Town Assessor's Office)
 Property Address: 415 Browns River Rd
 Owner: Randy L. Wolf
 Owner Address: 415 Browns River Rd
 Owner Phone: (work) 769-0816 (home) 872-7766
 (cell) 238-3679 (Email) jessiel0318@yahoo.com
 Contractors name: Steve Stowell Phone: 879-3930
After-the-fact - est 2007 Cell: _____
 Estimated Construction Dates: Start: 10/15/06 Completion: 05/29/07
 Sq. Feet: 576 Estimated Cost (labor & materials): \$90,000

B Sewage Disposal (Please attach Sewer or Septic Application).
 Public Private Connection Fee \$ _____ Date Paid: 1/1
 Proposed New Bedrooms: 1 Existing Bedrooms 3
see septic permit # 2006-217

C Water (Please attach Water Service Application).
 Public Private Fee \$ _____ Date Paid: 1/1

D Driveway (Please attach copy of approved Curbcut / Utility Application).
 Date of approval 1/1/16

E Stormwater
 Project disturbs an area greater than or equal to 1 acre – Erosion Control Permit Required. Attach completed permit application.
 Project creates new or expands existing impervious surface greater than or equal to 1/2 acre – Erosion Control Permit and Stormwater Management Permit required. Attach completed permit application.

F Diagram – Show a sketch of project on reverse of this application with property lines, building, and setbacks or attach separate sheet.

G after-the-fact permit only!
 Signature of Tenant and Signature of Owner Randy L. Wolf

G

Check box(es) which describe proposed use or construction (circle choice in parenthesis).
 N = New A = Addition R = Remodel

Residential:	N	A	R
Single Family	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Two-family (duplex)(other)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multi-family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Condominium / Townhouse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mobile home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inclusions or Additions:			
Garage (attached) (detached)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Porch (enclosed) (open)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deck	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pool (in) (above) ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barn (residential) (agriculture)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-residential:			
Commercial / Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stormwater:			
Stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:			
Change in use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Office Use Only

Fees:	Type	Amount	Date Pd
Permit		\$ <u>50</u>	<u>1/1/16</u>
Recreation		\$ _____	<u>11/10/16</u>
Recording		\$ <u>10</u>	<u>1/1</u>
Certificate of Occ		\$ _____	<u>1/1</u>
Other		\$ _____	<u>1/1</u>

Building Permit
 Approved Rejected Date 11/10/16
 Issued to: Randy L. Wolf
 Zoning Administrator: Shawn L. Kelley
 Notes: _____
 C.O. Required Yes No

THIS PERMIT VALID FOR TWELVE (12) MONTHS FROM DATE OF ISSUE



- Water Supply & Wastewater
- Site Engineering & Design
- Stormwater Management
- Topographic Surveys
- Act 250 Permitting
- Wetland Evaluations

P.O. Box 4503 • Burlington, VT • 05406
Tel: (802) 863-7182 • Fax: (802) 860-1014
e-mail: ridge@q-city.com

MEMORANDUM:

To: Mr. Randy Wolf
From: Ridge Consulting Engineers
Re: Wastewater Disposal System serving 415 Browns River Road in Essex, Vermont.
Date: October 19, 2006

Permit # 2006-212
C. nite - Landowner
chose not to
increase
bedroom to
4 -
kept at 3)

The following maintenance schedule was copied from the Vermont Wastewater System and Potable Water Supply Rules, Chapter 1, Appendix 3-A. This schedule should be followed to insure proper operation of the sewage disposal system:

3-A-01 Septic Tank Specifications & Maintenance

B. Maintenance

- (1) At least once a year, the depth of sludge and scum in the septic tank should be measured. The tank should be pumped if:
 - (A) The sludge is closer than twelve inches to the outlet baffle, or
 - (B) The scum layer is closer than three inches to the septic tank outlet baffle.
 - (C) Following septic tank cleaning in units over 5,000 gallons, all interior surfaces of the tank should be inspected for leaks and cracks.
- (2) At least once a year, dosing tanks and distribution boxes should be opened and settled solids removed as necessary and the dosing tank or distribution box checked for levelness.
- (3) Toxic or hazardous substances should in general not be disposed of in septic systems. These substances may pass through the system in an unaltered state and contaminate groundwater or remain in the septage and subsequently contaminate the soil or crops at the site of ultimate disposal.

If your system has a pump station or dosing siphon, it should also be checked once a year. There should not be any scum or solids present. Have station/siphon cleaned out if scum and/or solids are found. Inspect the station/siphon for cracks or groundwater infiltration. Repair any cracks found. Garbage grinders and water softeners are not recommended for use with septic tank systems.



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October 19, 2006

Mr. Randy Wolf
415 Browns River Road
Essex Junction, VT 05452

Re: Evaluation of wastewater disposal system serving the existing three-bedroom residence on Lot 3, (a.k.a. 415 Browns River Road), of the Robert Lemire Subdivision.

Dear Mr. Wolf:

On September 14, 2006 you contacted me to discuss your current proposal before the Town of Essex Zoning Administrator. Your proposal is to build an addition that would include a fourth bedroom. Your house is served by an on-site wastewater disposal system (WSD) that was designed by Frank R. O'Brien Consulting Engineers and approved by the Town in 1990. The O'Brien design was based on 150 gal./bdrm./day, (450 gal./day), and at an application rate of 0.52 gal./sq.ft./day for three bedrooms. The O'Brien design of four 4 ft. X 60 ft. wastewater disposal trenches provides a total wastewater disposal area of 960 sq.ft.

On September 26, 2006, I made a site visit to inspect the condition of your WSD. I found the WSD to be in the area shown on the approved plans as well as the upslope groundwater intercept trench. With your assistance, I was able to determine that the WSD was the correct size. I walked the entire area of the WSD including the areas off the ends and down slope; no indications of WSD failure were observed. Based on the above noted information, it is my opinion that the WSD serving 415 Browns River Road was built according to the approved plans and is in good working condition.

Currently the wastewater design flow for a four bedroom house is 490 gallons per day as per §1-504(f) Table 1(a) of the Vermont Environmental Protection Rules – Chapter 1 – Wastewater System and Potable Water Supply Rules, effective January 1, 2005. The required wastewater disposal area for a four bedroom house at an application rate of 0.52 gal./sq.ft./day under the current Rules would be 942.3 sq.ft. This is less than the area currently provided. Therefore, it is my opinion that the WSD currently serving 415 Browns River Road is sized adequately sized to serve a total of four bedrooms.

Please find a copy of a Septic Tank Maintenance Schedule enclosed. This schedule is an integral part of the Sewage Disposal System and should be transferred to future owners of this lot.

If you have any questions, please send me an e-mail or call.

For Ridge Consulting Engineers,

David W. Fuqua, Site Tech. No. 280-B
Project Manager
dfuqua@q-city.com
(802) 863-7182 ext. 17

Enclosure