

# TOWN OF ESSEX CERTIFICATE OF OCCUPANCY APPLICATION

DATE OF REQUEST: \_\_\_\_\_ FEE: \$85.00 pd (includes recording)

MAP/PARCEL/LOT: 2/014/088/001 NO. 2016-73

The undersigned herewith requests an inspection of the premises and the issuance of "Certificate of Occupancy" of premises, or portion thereof, for use or habitation.

- This request is for use only of existing land or buildings.
- This request is for new construction or rehabilitated or altered structure which was done under authority of zoning permit # 2016-73

issued to Donald & Diane Siegrist on 5-16-16.

Premises are at 167 Old Stage Rd

Water service installation inspected and approved by David Tuchhope - see attached

Driveway location inspected and approved by Public works

Sanitary sewer connection or septic system inspected and approved by:  
Name: \_\_\_\_\_ Date: Tuchhope - see attached

Construction was begun May, 20 16 and completed Sept, 20 16

Approval granted by  P.C. or Z.B.A. \_\_\_\_\_ on \_\_\_\_\_, 20 \_\_\_\_\_

Use of premises intended Single family 2 bedroom, 2 car garage attached (2nd story finished), open porch, unfinished basement.  
(type of use)

Applicant's Signature: [Signature] Telephone: 660-0907 Cell: 316-0594

By issuance of this Occupancy Permit, the Town of Essex Zoning Administrator hereby acknowledges that the use and/or building construction is in complete conformity with the Zoning Regulations, unless otherwise noted. Field measurements and similar dimensions for setbacks are based in part on evidence supplied by owner. The Town of Essex is not liable for errors or mistakes when it is found that information submitted by the applicant is erroneous or inaccurate.

Certificate of Occupancy has been approved with  without \_\_\_\_\_ conditions.  
~~If with conditions, see attachment outlining same.~~ when/if the basement is finished, a building permit is required (SP)

Certificate of Occupancy denied \_\_\_\_\_. Please see attachment with reasons for denial.

9-16-16  
Date

[Signature]  
Zoning Administrator

# 2015 Vermont Residential Building Energy Standards (RBES) Certificate

This certificate is for projects started on or after March 1, 2015.

Before completing this form, refer to the instructions in Section 8.2a of the Residential Energy Code Handbook (4th edition).

For additions, alterations, renovations or repairs, only fill out applicable portions of certificate.

Property Address (Street, City, ZIP Code) 167 OLD STAGE RD. Act 250 Permit #  NA  
 Electric Utility serving this address GMP Construction START Date 6/3/16 Construction FINISH Date 9/6/16  
 # Units 1 # Stories 2 # Conditioned Sq. Ft. 1600 # Bedrooms 2

### Project Description

- Single Family  Renovation / Alteration  
 Multi-family  Addition  
 Log Home  Repair

Existing Home Project Description: \_\_\_\_\_

Foundation Type:  Basement  Slab On Grade  Crawl Space

### Thermal Envelope

R- 21 Basement / Crawl Space Walls 7.6 Basement Insulation Depth (ft) U- .26 Basement Windows  NFRC  Default  
 R- N/A Unheated Slab R- N/A Floors over Unheated Spaces R- 60 Sloped Ceilings 600 Area (Sq. Ft.)  
 R- N/A Heated Slab R- 21 Above-Grade Walls R- 60 Flat Ceilings \_\_\_\_\_ Area (Sq. Ft.)  
 R- N/A Perimeter Slab Edge U- .25 Doors  NFRC  Default U- N/A Skylights  NFRC  Default  
 U- .27 Windows  NFRC  Default R- 60 Attic Access Hatch / Door

Air Sealing Verified by:  Testing \_\_\_\_\_ ACH50 \_\_\_\_\_ CFM50  Visual Inspection

Ventilation System  Exhaust  Balanced Air Flow: \_\_\_\_\_ CFM  Rated  Measured

### Mechanical System

Calculation Method:  ACCA Manual J 8th Edition Other \_\_\_\_\_  
 Primary Heating System Size (Btuh) 135,000 Primary Central Cooling System Size (Btuh) N/A  NA  
 Calculated Heat Loss (Btuh) \_\_\_\_\_ Calculated Heat Gain (Btuh) \_\_\_\_\_  Programmable Thermostat  
 AFUE or HSPF Efficiency 95% SEER or COP Efficiency \_\_\_\_\_  Heat Pump Supplementary Heat Control  
 No Heat Pump Supplied

Ducts  Ducts located within conditioned space

R- \_\_\_\_\_ Supply Ducts \_\_\_\_\_ Location \_\_\_\_\_ Duct Tightness (CFM @ 25 Pa.) N/A  
 R- \_\_\_\_\_ Return Ducts \_\_\_\_\_ Location \_\_\_\_\_ Test Performed at  Rough-in  Post-construction

### Combustion Safety

- Spillage testing conducted on combustion equipment not directly-vented  
 Solid fuel burning appliances and fireplaces have gasketed doors with compression closure N/A  
 Exterior air supply requirements met for solid fuel-burning appliances and fireplaces

### Other

- Mechanical System Piping, R-3  Automatic time switches for pool heaters  
 Circulating service hot water piping, R-3  Pool cover for all heated pools  
 Automatic or Gravity dampers  75% of lamps in permanently installed fixtures are high efficacy  
 Automatic controls for snow-melt systems  Electric vehicle charging parking spaces (for multifamily buildings under stretch code)  
 Accessible on-off switches for pool heaters

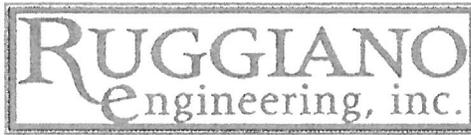
Compliance Method Used Prescriptive  Package # \_\_\_\_\_  REScheck Software Maximum UA \_\_\_\_\_ Your UA \_\_\_\_\_  
 Home Energy Rating Rating Score \_\_\_\_\_ Rated by \_\_\_\_\_

I certify to ART BAILEY (Owner) that the above information is correct and that the premises listed HAVE been constructed in accordance with the Vermont Residential Building Standards (RBES) created under 30 V.S.A. § 51.

Signature [Signature] Print Name THOMAS HEIGENROTHER SP

Company HEIGENROTHER CONST LLC Phone 802-660-0907 Date 9/6/16

30 V.S.A. § 51 requires this certificate label to be permanently affixed to the inside electrical service panel or heating or cooling equipment or nearby in a visible location. Copies also must be provided to 1) the Dept. of Public Service, Planning & Energy Resources Division, 112 State St., Montpelier, VT 05602, and 2) the town clerk of the town where the property is located. NOTE: Noncompliance with RBES may result in action for damages under 30 V.S.A. § 51. This label does not specify all 2015 RBES requirements. QUESTIONS? CALL THE VT PUBLIC SERVICE DEPARTMENT: 802-828-2811.



Civil Engineers • Land Use Planners

July 28, 2016

Mr. William E. Zabiloski  
State of Vermont Agency of Natural Resources  
111 West Street  
Essex Junction, VT 05452

**Subject: WW-4-3520-1, Donald Siegriest  
Certification Letter  
Lot #1**

**File: 14001**

Dear Bill:

Ruggiano Engineering Inc. inspected the installation of the septic tank, AX20RT-1A Advantex pretreatment unit and bedrock well on Lot #1 of the above referenced property. This certification does not cover the shared (Lot #2) mound wastewater disposal system which already exists on the lot.

In accordance with Condition 1.5 of the above referenced Wastewater System and Potable Water Supply Permit, "I hereby certify that in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and potable water supply and wastewater system was installed in accordance with the permitted design and all permit conditions, were inspected, were properly tested, and have successfully met those performance tests."

Ruggiano Engineering Inc. is not responsible for performing the AX20RT-1A Advantex pretreatment unit start up or submitting a letter report in accordance with, the 'Innovative/Alternative System Approval Letter' and condition 1.10 of the above referenced permit.

If you have any questions regarding this project, please don't hesitate to call.

Sincerely,  
**Ruggiano Engineering, Inc.**

A handwritten signature in black ink, appearing to read 'S. Ruggiano', with a long horizontal flourish extending to the right.

Samuel H. Ruggiano, P.E.

Copy: Thomas Hergenrother

*Y:/2014/Projects/14001/WW Certification*

**DAVID A. TUDHOPE**  
**Land Surveyor ><RLS 538**  
**Licensed Designer >< "B" 230**  
**74 CAYUGA CT BURLINGTON**  
**VT 05408**

**Tel. (802) 862-9360**

**e.mail: dtudhope@aol.com**

Burlington, November 12<sup>th</sup> 2015

William E. Zabiloski  
Agency of Natural Resources  
Drinking Water & Ground Water  
Protection Division  
111 West Street  
Essex Junction  
Vermont 05452

Re subject: Donald Siegriest  
1254 Old Stage Road.  
Westford, VT  
05494

Permit Number: WW-4-3520-1  
Lots 1 & 2

Project: located Colonel Page Road &  
Old Stage Road  
Town of Essex, VT

Dear William,

On November 12<sup>th</sup> 2015, I went on site to inspect wastewater system and tanks for lots 1 & 2. The contractor for this wastewater project was Charles Havreduk. The proposed bedrock wells were staked out according to the record drawings but not installed at this time.

"I hereby certify that in the exercise of my reasonable professional judgment the installation-related information submitted is true and correct and that the wastewater system: was installed in accordance with: the permitted design and all permit conditions are in compliance with the applicable rules, was filed with the Secretary, and is in accordance with all other permit conditions; was inspected; was properly tested; and has successfully met those performance tests.

If you have any questions, please call.

Sincerely,

  
David A. Tudhope

Cc: Town of Essex Junction