

TOWN OF ESSEX CERTIFICATE OF OCCUPANCY APPLICATION

DATE OF REQUEST: 9-17-10 FEE: \$85.00 pd (includes recording)

MAP/PARCEL/LOT: 2 D 10006 101 NO. 2010-80

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 # 2010-80

issued to Sandra Wright & Joey Bibeau on _____

Premises are at 29 LOST NATION ROAD

Water service installation inspected and approved by Feeley & Spafford & Sons

Driveway location inspected and approved by See memo attached Sept. 13/10

Sanitary sewer connection or septic system inspected and approved by:

Name: Bouy Bicknell, Engineer Date: 9-16-10

Construction was begun July 2, 2010 and completed Sept 17, 2010

Approval granted by P.C. or Z.B.A. on 4/23, 2009. 2009-17 PC APPROVAL # PC:

Use of premises intended Residential
(type of use)

Applicant's Signature: [Signature] Telephone: 802-877-3465 Cell: 802-735-5444

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. 12/8/10

Certificate of Occupancy has been approved with without conditions. If with conditions, see attachment outlining same.
*trailer no longer used as living quarters and moved to storage area on property. OK
Trailer to be removed from site once occupancy takes place in house.*

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

Date: Sept. 17/10 Sharon L. Kelley
Zoning Administrator

Cherie McCabe

From: Dennis Lutz
Sent: Monday, September 13, 2010 2:48 PM
To: Cherie McCabe
Subject: Curb cut at 29 Lost Nation Road

Cherie,

Sandra Weight contacted Sharon at the end of last week about a CO. I guess that Sharon wanted us to inspect the curb cut before issuing it.. We checked it today and it is fine. I contacted Sandra Wright at 879-3965 and gave her this information. She may be calling you for a CO.

Dennis



FAX MEMO

To: Essex

From: Doug Bicknell

Company: Town

Date:

Re: Sandra Wright & Joseph
Bibeau

of Pages following cover: 3

Project #: 2005027

Fax No: 878-1353

Please find attached the Project Construction Certification Letter.

~~THANKS,~~
DOUG



TRUDELL CONSULTING ENGINEERS (TCE)

PO Box 308 478 Blair Park Road Williston, VT 05495
802-879-6331 fax: 802-879-0060 www.trudellconsulting.com

**TRUDELL CONSULTING ENGINEERS (TCE)**

September 14, 2010

tel: 802-879-6331

fax: 802-879-0060

www.truDELLconsulting.com

William Zabiloski, Regional Engineer
Wastewater Management Division
111 West Street, Essex Junction, VT 05452

RE: Construction Certification

Dear Mr. Zabiloski:

This letter is in response to Condition # 8 of the Water Supply and Wastewater Disposal Permit # WW-4-3237 issued on March 2, 2009. We observed construction of the disposal system serving this project, on September 14, 2010 using a reasonable standard of care customary for this scope of work.

Listed below is a brief summary of our findings:

1. The contractor is Affordable Earthwork Solutions.
2. We met on the site to stakeout the work and discuss the plans on June 9, 2010.
3. The septic tank is a 1000 gallon pre-cast concrete tank with an effluent filter in the outlet baffle and access risers at both ends.
4. The pump station is a 1000 gallon pre-cast concrete tank that contained the pump, check valve, ball valve, and union. The pump station access riser is flush with the ground surface.
5. The pump station vent was installed with an odor control device.
6. The control Panel was mounted in the basement where the alarm can easily be heard.
7. The force main is 2-inch PVC SDR 26. A hydrostatic pressure test was conducted on the force main. Pressure was established at 50 psi. The pressure held constant for a period in excess of 2 hours with no measurable loss.
8. The distribution box was set level and is vented (Presby differential vent requires min. 10 ft. between low vent and high vent.
9. The high vent is located, by remote venting, near an apple tree on the uphill side of the mound. The low vent is at the end of the forth and last Presby Pipe line.
10. The pump was activated to observe discharge into the distribution box.
11. The mound surface was plowed prior to sand fill being brought in.
12. The "system sand", meeting the 1-517 (c) (2) requirement for Presby Enviro-Septic, is from Morse's.
13. The Enviro-Septic leaching system was installed as shown on the plans, with four Presby Enviro-Pipes that are each 120 feet long (this system is oversized for possible future expansion for another single family home).
14. The Presby piping was installed on a "wick bed" that extends 3 ft. beyond the pipes before tapering into a four on one slope.
15. The Lot 1 replacement area was left undisturbed.
16. The drilled well is located at shown on the approved plans.
17. The entire site was graded for surface drainage, seeded and mulched.
18. The "system installation form" has been filed with Presby environmental, Inc.

P.O. Box 308

478 Blair Park Road

Williston, Vermont 05495

Civil Engineering, Surveying, Land Planning, Water and Wastewater, Landscape Architecture, Roadway Design, Permitting

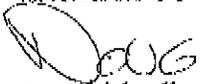
The following are notes and recommendations that should be followed by the homeowner to aid in the proper operation and longevity of the disposal system.

1. The owner is responsible for operating the disposal system in a manner which will protect the public health and prevent pollution.
2. New disposal systems require adjustments or modification during start up and during the life of the system. These adjustments include leveling the septic tank, pump station or siphon due to settlement or frost action. Fill may be added to repair erosion or level settled areas.
3. The septic tank and effluent-filter should be inspected annually, and the tank pumped out every 3 years. It is recommended that the septic tank be pumped out during dry times of the year and if it is pumped out during any other time of the year it be immediately filled with water after pumping to prevent the tank from floating.
4. The effluent-filter should be cleaned annually during the inspection of the septic tank. This involves grabbing the filter by the handle, pulling it straight up, and rinsing it off with a garden hose, (letting and debris and water fall back into the septic tank).
5. The life of the disposal system can be affected by a variety of operational and environmental factors. The presence of excess groundwater, rainwater, introduction of material other than human wastes, or excessive sewage flows will adversely affect operation of any disposal system. Soil settlement, freezing of components and clogging due to organic solids accumulation will require repairs.
6. The owner is responsible for compliance with state and local operation and maintenance requirements. The engineer and contractor assume no responsibility for the improper use and/or maintenance of the system.
7. The owner is responsible for all state and local permits and required conditions of said permit. This includes but is not limited to annual inspections and reporting. The owner is also responsible for recording permits in the town land records office.
8. If the system is designed using the performance based design according to previous state permits the system shall be inspected each spring for three consecutive years by a licensed engineer to demonstrate that the system is working as designed.

Based on the above observations, this letter can serve as confirmation that the system was installed in general conformance with the approved plans. This does not relieve the contractor of minor adjustments that may be needed during the initial startup of the system, nor does it relieve the owner of proper use and maintenance. This letter is not intended to imply any type of warranty or guarantee from the engineer since both the use and maintenance are beyond our control. However, given the good workmanship of John Brown, we are not anticipating any problems.

Very truly yours,

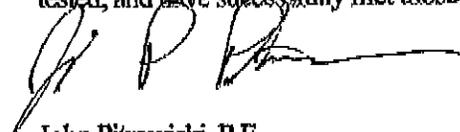
TRUDELL CONSULTING ENGINEERS (TCE)


Doug Bicknell

Certification Statement:

I, John Pitrowiski, P.E., herby certify that the design-related information is true and correct and that, in the exercise of my reasonable professional judgment, the design of the potable water supply and wastewater system meets the technical standards of the Rules.

"I also herby certify that in the exercise of my reasonable professional judgment the installation-related information submitted is true and correct and that the potable water supply and wastewater system were installed in accordance with the permitted design and all permit conditions; were inspected, were properly tested; and have successfully met those performance tests."


John Pitrowiski, P.E.

cc. Sandy Wright & Joe Bibeau

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