

# TOWN OF ESSEX

## CERTIFICATE OF OCCUPANCY APPLICATION

DATE OF REQUEST: 1-2-08 FEE: \$82.00 pd gk (includes recording)

MAP/PARCEL/LOT: 14-43-300 NO. 2007-35

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 # 2007-35

issued to Pierre Simard / Dave Dapkiewicz on 4-10-07

Premises are at 161 Chapin Rd

Water service installation inspected and approved by N/A well - state letter attached

Driveway location inspected and approved by N/A existing

Sanitary sewer connection or septic system inspected and approved by:

Name: Mike Burke Date: Oct 07 - see attached ltr.

Construction was begun 4-20, 2007 and completed 1-15, 2008

Approval granted by  P.C. or Z.B.A. on 3-8, 2001

Use of premises intended Residential 5 Bdrm, attached garage porch  
(type of use)

Applicant's Signature: Christine M. Dapkiewicz Telephone: 893-2942 Cell: 578-7910

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. other side. →

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

1/11/08  
Date

Sharon L. Kelley  
Zoning Administrator

1-11-08

1. Applicant to post a One Thousand Dollar (\$1,000.00) escrow to guarantee the drainage & driveway issue will be rectified. Reference Memo from D. Lutz <sup>or Aaron Pracht</sup> dated 4-9-07. Monies to be returned after re-inspection & approval by Public Works Dept.
2. Applicant stated pins are on their Lot. (snow conditions prevented this officer from viewing.)
3. Applicant to clearly mark their <sup>#</sup> address near the road and on the structure for E-911 purposes.

Sharon L. Kelley, Z. A.

# Memorandum



To: Katherine Bucke, Planner  
From: Dennis Lutz, P.E., Public Works Director / Town Engineer  
Aaron Martin, P.E., Assistant Town Engineer  
Subject: Minor Site Plan Amendment – 129 Chapin Road (Stormwater)  
Date: April 09, 2007

Katherine,

The Public Works Department has reviewed the plans titled, The Maples 6 Lot Subdivision, (Revised March 13, 2007) in regards to stormwater. This project has been approved by the Town of Essex, prior to the Town's Stormwater ordinance. Therefore, the project does not require a Town erosion control or stormwater permit. It shall be the owner's responsibility to verify whether a State permit is required for this work.

Town Staff drafted and mailed a letter dated February 01, 2006 to Mr. Pierre Simard regarding the drainage issue in the vicinity of his curb cut to Lot #3. The Town of Essex has completed the work outlined in this letter, but Mr. Simard has yet to complete some of the work outlined. Bellow is an excerpt from the February 01, 2006 letter describing what issues need correction.

- 1. The second issue pertains to the approved development plans and the drainage features that were either not installed properly or not maintained as a condition of the project approval. Specifically, the plans call for the interception of the drainage from off the hill and the diversion of this flow through a culvert. The plans show that the runoff is supposed to flow through the culvert from north (elevation 590.05) to south (elevation 589.75). This was discussed in the fourth paragraph of my letter of August 10, 2005 and those comments are still valid. The purpose of this diversion was to direct the hillside Runoff into your field and not down the driveway towards the road drainage. I visited the site today and took pictures. With the partial snow cover, it is clear that the hillside drainage is not going where it was designed to go. The downside of this diversion for you is that it is likely to make your lower field wetter than it is today. That is the tradeoff, given that it was a component of the approved drainage scheme. This hillside runoff water must be diverted. The appropriate way to fix the problem is to either lower the culvert or create a berm just west of the culvert to divert the flow into the pipe.*
- 2. Although not a required part of the plan, your driveway is low relative to the surrounding terrain in places. Raising it somewhat (in combination with the other changes) would improve your access situation. The same can be said for the Taft driveway.*

The Town of Essex Public Works is of the opinion that both items should be addressed as part of the revised plan, and Erosion and Sediment Control practices should be utilized during construction, (Appendix A to the Town Stormwater Ordinance).



VERMONT DEPARTMENT OF HEALTH LABORATORY  
 195 COLCHESTER AVENUE  
 BURLINGTON, VERMONT 05402-1125  
 (802) 863-7335 (800) 660-9997 (VT ONLY)  
 WATER BACTERIOLOGY RESULTS

LITS Number 2007005709-001-A

State Health Dept No.08WB06106

Kit Type Kit A Coliform (Homeowners)

WSID#

Kit Number 9612567

Report To JORDAN BUILDING CORP  
 259 RIVER RD  
 ESSEX JCT VT 05452

Date/Time Received 01/02/2008 16:02:00

Date/Time of Collection 01/02/2008 15:15:00

Town Essex

Collected By JOE JORDAN

Date Analyzed 01/03/2008

Sample Location

Report Status Final

Field Sample Number

Date Reported 01/03/2008

Released by SEF

Public Water System Only
Sampler Title
Purpose of Sample
Type of Sample
Chlorine, free
Chlorine, total
Field Temp (C)
Action Limit

Test	Code	Result Description
MMO-MUG	00	Total coliform not detected, E. coli not detected

Comments:

Registry Comments:

The water sample tested is bacteriologically suitable for drinking (potable). IMPORTANT: Bacteriological testing of a single sample of water is only one means of determining the suitability of water for drinking. It is also critical that the water source location, system construction and ongoing maintenance/treatment are adequate to consistently protect against bacterial contamination.

METHOD: SM9223

This is a public record. Information contained in this report may be used for statistical purposes and may be released upon request, pursuant to Vermont Access to Public Documents law (1V.S.A.315-320) Results relate only to the items tested. This water was not analyzed for possible chemical contamination.

This reports shall not be reproduced, except in full, without the written approval of the laboratory.

If you have questions about this report, please call the laboratory at (802)863-7335

Date Printed: 01/03/2008 11:10:17

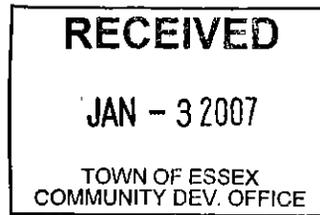


# KREBS & LANSING

Consulting Engineers, Inc.

December 28, 2007

Brian Bigalow  
Essex Planning and Zoning  
81 Main Street  
Essex Jct., VT 05452



164 Main Street  
Suite 201  
Colchester, VT 05446  
Telephone (802) 878-0375  
Fax (802) 878-9618

RE: Wastewater Disposal System and Well Lot 3 The Maples

Dear Brian,

The primary mound style Wastewater Disposal System and well serving Lot 3 of "The Maples Subdivision", located off Chapin Road in Essex has been completed. The following is a summary of our field observations and comments:

- The well was drilled within the approved well envelope by a licensed well driller. A pump was installed in the well and a service line ran to the house.
- The Septic Tank was 1,000 gal precast concrete. The Septic Tank was equipped with an outlet filter and riser to the ground surface. The Septic Tank passed a 24hr leak test. The installation appeared adequate.
- The Pump Station was 1,000 gal precast concrete. The Pump Station was equipped with an alarm and riser to the ground surface. The Pump Station passed a 24hr leak test. The installation appeared adequate.
- The mound was constructed in the approved primary envelope mound; plowing was adequate.
- The mound sand passed a sieve analysis. The mound stone was clean. The mound construction appeared adequate. There was 12" to 24" of mound sand under the stone distribution bed. Slopes were graded 3:1 and flatter.
- A test of upturned distribution orifices showed water streams rising 38 to 40 inches, which is adequate.
- A 2" force main was installed bedded in sand. The force main passed a two hour pressure/leak test at 56 psi with no measurable loss.
- The mound slopes were graded and covered with 12+/- inches of topsoil. Drainage fabric was installed over the stone bed. The mound was seeded and mulched.

Based on the results of field observations and testing, we certify the Wastewater Disposal System and well based water supply was installed in general conformance with the approved plans and permit conditions.

Please feel free to call if you have questions or comments regarding this matter.

Very truly yours,

A handwritten signature in cursive script that reads "Michael J. Burke".

Michael J. Burke, P.E.  
MJB/hig

cc: Daivd Dapkiewicz

07126: ltr to brian bigalow

