

**Jason Barnard  
Consulting, LLC**

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-1505

April 2, 2015

Town of Charlotte  
Planning and Zoning Department  
Attn: Jeannine McCrumb  
159 Ferry Road  
Charlotte, Vermont 05445

Subject: Susan R. Smith, Two-Lot Subdivision, 5166 Lake Road, Charlotte, Vermont –Wastewater Disposal System Design and Permit Application

Dear Jeannine:

Enclosed you will find two (2) copies of the Susan R. Smith full size design drawings, two (2) copies of the 11" x 17" design drawings, electronic copies of the design drawings in PDF format, and the required supporting documents (paper and electronic copies) for her two-lot subdivision at 5166 Lake Road in Charlotte, Vermont. Mrs. Smith is proposing to subdivide her existing 10.17+/- acre parcel and create a new 5.13+/- acre parcel (Lot No. 2) that will be transferred to her daughter and son-in-law. Once the subdivision is approved, Lot No. 2 will be improved with a 4-bedroom single-family residence that will be provided water by an on-site drilled bedrock well and will be served by an on-site in-ground wastewater system. The proposed Lot No. 2 wastewater disposal system is a shallow-placed inter-fingered (i.e. primary and replacement trenches in one area) absorption trench-type disposal system.

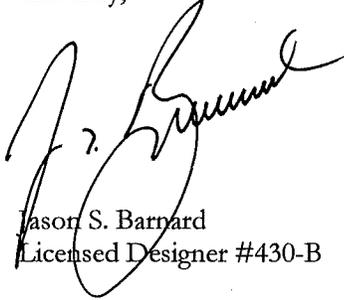
The remaining land (Lot No. 1) will be 5.04+/- acres in size and will contain the existing 3-bedroom single-family residence. The existing residence is provided water by a drilled bedrock well and is served by an on-site in-ground wastewater disposal system. A replacement wastewater area that is suitable for a mound-type wastewater system has been identified for the Lot No. 1 existing single-family residential structure.

Included to facilitate your review of this permit application are the following:

1. Check made payable to the Town of Charlotte for the amount of \$500.00.
2. State of Vermont, Agency of Natural Resources, Potable Water Supply and Wastewater System Permit Application.
3. Supplemental Information.
4. Adjoining Landowner Notification Forms No. 1 and No. 4.
5. Test Pit Logs.
6. Percolation Tests.
7. Lot No. 1 Replacement Mound System Sizing.
8. Lot No. 2 In-Ground System Basis of Design.
9. Full Size Design Drawing No. 1, No. 2 and No. 3 dated April 2, 2015.
10. 11" x 17" Design Drawing No. 1, No. 2 and No. 3 dated April 2, 2015.
11. Electronic Copies of the Design Drawings and Supporting Documents in PDF format.

Should you have any questions or comments relative to the information submitted herein,  
please do not hesitate to call me at (802) 453-2597.

Sincerely,

A handwritten signature in black ink, appearing to read "J. S. Barnard", written in a cursive style.

Jason S. Barnard  
Licensed Designer #430-B

c: Susan R. Smith (2)