

WILLIS DESIGN ASSOCIATES, INC.

**P.O. Box 1001
Jericho, Vermont 05465**

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willisdesignvt@gmail.com**

December 7, 2015

Jeannine McCrumb, Sewage Officer
Town of Charlotte
P. O. Box 119
Charlotte, Vermont 05445-0119

Re: Permit #WW-138-1515
Mary M. Volk Revocable Trust
3160 Mount Philo Road
Charlotte, Vermont

Dear Jeannine:

I inspected the installation of the wastewater system that serves the existing three bedroom residence and proposed one bedroom detached apartment at the above referenced property. Construction was substantially completed by Steve Denton Excavating on 10/23/15. No further modifications to the water supply were necessary per approved plan. The extent of the inspections was limited to work that could be visually verified during each visit.

A subsequent inspection and installation certification will be necessary when the septic tank is upgraded for eventual use by the apartment (per note on sheet D1 of approved plans). This will be necessary prior to occupancy of the apartment.

With respect to condition #1.5 of the permit: I hereby certify that, in the exercise of my reasonable professional judgment, the installation-related information submitted is true and correct and 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.

Fill material used to construct the mound was drawn from Hinesburg Sand & Gravel Co., Inc. A copy of the "Sieve Analysis Test Report" prepared by their in-house lab is attached for the record. The report indicates that the material complies with §1-913(c) of the rules.

Settled or eroded areas that develop over time may require repair. Additional topsoiling, seeding and mulching may also be necessary to establish a proper vegetative cover.

Feel free to call if you have any questions regarding this matter.

Sincerely,


Justin Willis
ANR Licensed Designer

c Tim & Mary Volk

RECEIVED
DEC 09 2015
CHARLOTTE
PLANNING & ZONING

Sieve Analysis Test Report

Material Tested Mound System Sand

Sample Identification P-1 Test No. 2

Retained					Passing					
Required Limits	Cumulative Percent	Cumulative Weight	Percent	Weight	Screen Size	Weight	Percent	Cumulative Weight	Cumulative Percent	Required Limits
					3/8	100				85-100
			10.8	43.3	4	89.0				
			19.4	77.4	8	69.8				
			20.1	104.4	30	43.7				
			8.4	33.5	40	35.3				30-50
			70	80.1	100	15.3				
			11	43.9	200	4.3				0-5
			4.3	17.2	Pass					

Time: 1425
 Date: 7-17-15
 Certified By: QAA

399.8

-1575

HINESBURG SAND & GRAVEL CO., INC.
 14818 Route 118
 Hinesburg, Vermont 05461
 Telephone (802) 482-2342
 Fax (802) 482-3107

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