

WASTEWATER SYSTEM AND POTABLE WATER SUPPLY PERMIT**LAWS/REGULATIONS INVOLVED**10 V.S.A. Chapter 64, Potable Water Supply and Wastewater System Permit
Wastewater System and Potable Water Supply Rules, Effective April 12, 2019**Permittee(s): John McNeil**
1175 Townline Rd.
Mendon, VT 05701**Permit Number: WW-1-3599**

This permit affects the following property/properties in Mendon, Vermont:

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
06-02-67.2	06-02-67.2	384-119-12755	6.87	Book:108 Page(s):227

This application, consisting of the construction of a single-family residence served by onsite wastewater disposal and waters supply, located at 1175 Town Line Rd. in Mendon, Vermont, is hereby approved under the requirements of the regulations named above subject to the following conditions. Any person aggrieved by this permit may appeal to the Environmental Court within 30 days of the date of issuance of this permit in accordance with 10 V.S.A. Chapter 220 and the Vermont Rules of Environmental Court Proceedings.

1. GENERAL

- 1.1 The permittee is responsible to record this permit in the Mendon Land Records within 30 days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.
- 1.2 The permittee is responsible to record the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Mendon Land Records.
- 1.3 Each assign or successor in interest shall be shown a copy of the Wastewater System and Potable Water Supply Permit and the stamped plan(s) prior to the conveyance of a lot.
- 1.4 By acceptance of this permit, the permittee agrees to allow representatives of the State of Vermont access to the property covered by the permit, at reasonable times, for the purpose of ascertaining compliance with the Vermont environmental and health statutes and regulations, and permit conditions.
- 1.5 This permit does not relieve the landowner from obtaining all other approvals and permits from other State Agencies or Departments, or local officials prior to construction.
- 1.6 This permit was issued based, in part, upon the designer's certification that the design-related information submitted is true and correct and complies with the Wastewater System and Potable Water Supply Rules. This permit may be revoked if it is determined the design of the wastewater system or potable water supply does not comply with these rules.

2. CONSTRUCTION

- 2.1 Construction shall be completed as shown on the plans and/or documents prepared by Christopher Leister L.D., with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
Plan	1 of 3	05/11/2022	
Details	2 of 3	05/11/2022	
Protective	3 of 3	05/11/2022	

- 2.2 Construction of wastewater systems or potable water supplies, or buildings or structures (as defined by the Wastewater System and Potable Water Supply Rules), or campgrounds, not depicted on the stamped



plans, or identified in this permit, is not allowed without prior approval by the Drinking Water and Groundwater Protection Division.

- 2.3 No buildings, roads, water pipes, sewer services, earthwork, re-grading, excavation, or other construction that might interfere with the operation of a wastewater system or a potable water supply are allowed on or near the site-specific wastewater system, wastewater replacement area, or potable water supply depicted on the stamped plans. Adherence to all isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules is required.

3. INSPECTIONS

- 3.1 No permit issued by the Secretary shall be valid for a substantially completed potable water supply and wastewater system until the Secretary receives a signed and dated certification from a qualified Vermont Licensed Designer (or where allowed, the installer) on a Secretary-approved form that states:

"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"

or which satisfies the requirements of §1-311 of the referenced rules.

- 3.2 Prior to the use of the potable water supply, the permittee shall test the water for Arsenic, Escherichia coli (E. coli), Fluoride, Lead, Manganese, Nitrate as N, Nitrite as N, Total Coliform Bacteria, Uranium, Adjusted Gross Alpha Particle Activity, Chloride, Sodium, Iron, Odor and pH. All water quality tests shall be conducted at a laboratory certified by the Vermont Department of Health (a list of which can be found on the VDH website). Results of the water tests shall be submitted to the Vermont Department of Health prior to use or within 60 days of the submission of the Installation Certification required in Condition 3.1, whichever comes first.

4. DESIGN FLOW

- 4.1 Lot use and design flows (gpd) shall correspond to the following:

Lot	Building	Building Use / Design Flow Basis	Wastewater	Water
06-02-67.2	Proposed	4-bedroom single family residence 7-person maximum occupancy	490	490

5. WASTEWATER SYSTEM

- 5.1 Lot 06-02-67.2 is authorized to install an inground trenched wastewater disposal system. Prior to construction or site work, a designer shall flag the proposed leachfield, and the owner shall maintain the flags until commencement of construction of the system.
- 5.2 Should the wastewater system fail and not qualify as a minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.
- 5.3 This project includes the approval of a designated replacement area, the Licensed Designer shall be accurately flag/stake-out the corners of designated replacement area prior to construction with the flagging/staking being maintained until construction is complete.
- 5.4 This permit does not relieve the permittee of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.

6. POTABLE WATER SUPPLY

- 6.1 Lot 06-02-67.2 is authorized to install an onsite water supply well. Prior to construction or site work, a designer shall flag the center of the proposed potable water source and the owner shall maintain the flag until commencement of construction of the source.

6.2 Should the potable water supply fail and not qualify as a minor repair or for an exemption, the landowner shall engage a qualified Licensed Designer to evaluate the cause of the failure and submit an application to the Drinking Water and Groundwater Protection Division, and obtain approval thereof, prior to correcting the failure.

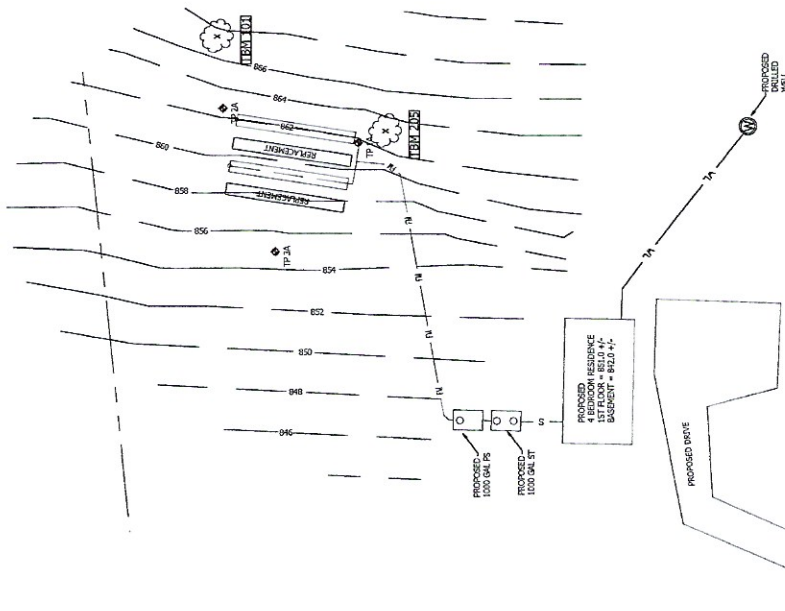
Julia S. Moore, Secretary
Agency of Natural Resources

By _____

Dated June 14, 2022

Chris Tomberg
Environmental Analyst VI
Rutland Regional Office
Drinking Water and Groundwater Protection Division

cc: Christopher Leister L.D.

[illegible][illegible]

ORIGINAL GRADE	662.00	652.70
IN PIPE	660.96	658.66
TOP OF STONE	661.75	658.95
BOTTOM OF STONE	659.56	657.66
FINISHED GRADE	662.00	659.70

	RED 1	RED 2
ORIGINAL GRADE	848.59	839.70
NEW PIPE	850.95	838.58
TOP OF STONE	861.75	838.55
BOTTOM OF STONE	859.56	817.58
UNSHED GRADE	862.59	839.70

ELEV. TABLE

9' PERMEABLE MATERIAL AND 4' TOPSOIL MIN.

13'

4'

9'

PERMEABLE MATERIAL

TOPSOIL

DO NOT TRENCH IN THIS AREA - DO NOT CUT ROOTS

[illegible]

LEGEND

Property Line	_____
Well Protective area	_____
Water Main	_____
New Collector	_____
Sewer	_____
Storm Sewer	_____
Water Line	_____
Water Curb	_____
Building	_____
Septic system area	_____
Soil drainage pipe	_____
Downspout pipe	_____
Force main	_____
East area	_____

THIS PLAN IS NOT A BOUNDARY SURVEY. PROPERTY BOUNDARIES SHOWN ARE AS PER THE OWNERS' AND TOWN TAX MAPS. ELEVATION DATA WAS ASSUMED. BENCH MARKS ARE SHOWN ON THE PLAN. DO NOT DISTURB ELEVATION POINTS SURROUNDING THE PROJECT.

THIS IS A PLAN-NEW CONSTRUCTION. A 4' EROSION HURDLE IS PROPOSED.

THIS PLAN IS FOR THE PURPOSE OF WATER AND WASTE WATER PERMITTING. USE OF THE PLAN FOR ANY OTHER PURPOSE, SUCH AS DESIGN OF ROAD AND SITE IMPROVEMENTS, IS OUTSIDE THE SCOPE OF THIS PLAN. IT IS IMPORTANT THAT ANY ADDITIONAL DESIGN BE COORDINATED WITH PROVISIONS OF THE WATER-WASTE WATER PERMIT TO INSURE COMPLIANCE WITH EROSION CONTROL PROCEDURES TO BE IN CONFORMANCE WITH VEHAMT HANDBOOK FOR SOIL EROSION AND SEDIMENT CONTROL. VEGETATION TO BE RE-ESTABLISHED IN ALL EXPOSED AREAS. EROSION CONTROL MEASURES SHOULD BE USED THROUGHOUT CONSTRUCTION. EROSION CONTROL MEASURES SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION. EROSION CONTROL MEASURES SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION.

20' 40' 60'

SCALE 1" = 20'

Driving After a Court Order Prohibits Driving
THIS IS SUBJECT TO PROVISIONS
OR CONDITIONS LISTED IN PERMIT
Permit #: WA-1-3599

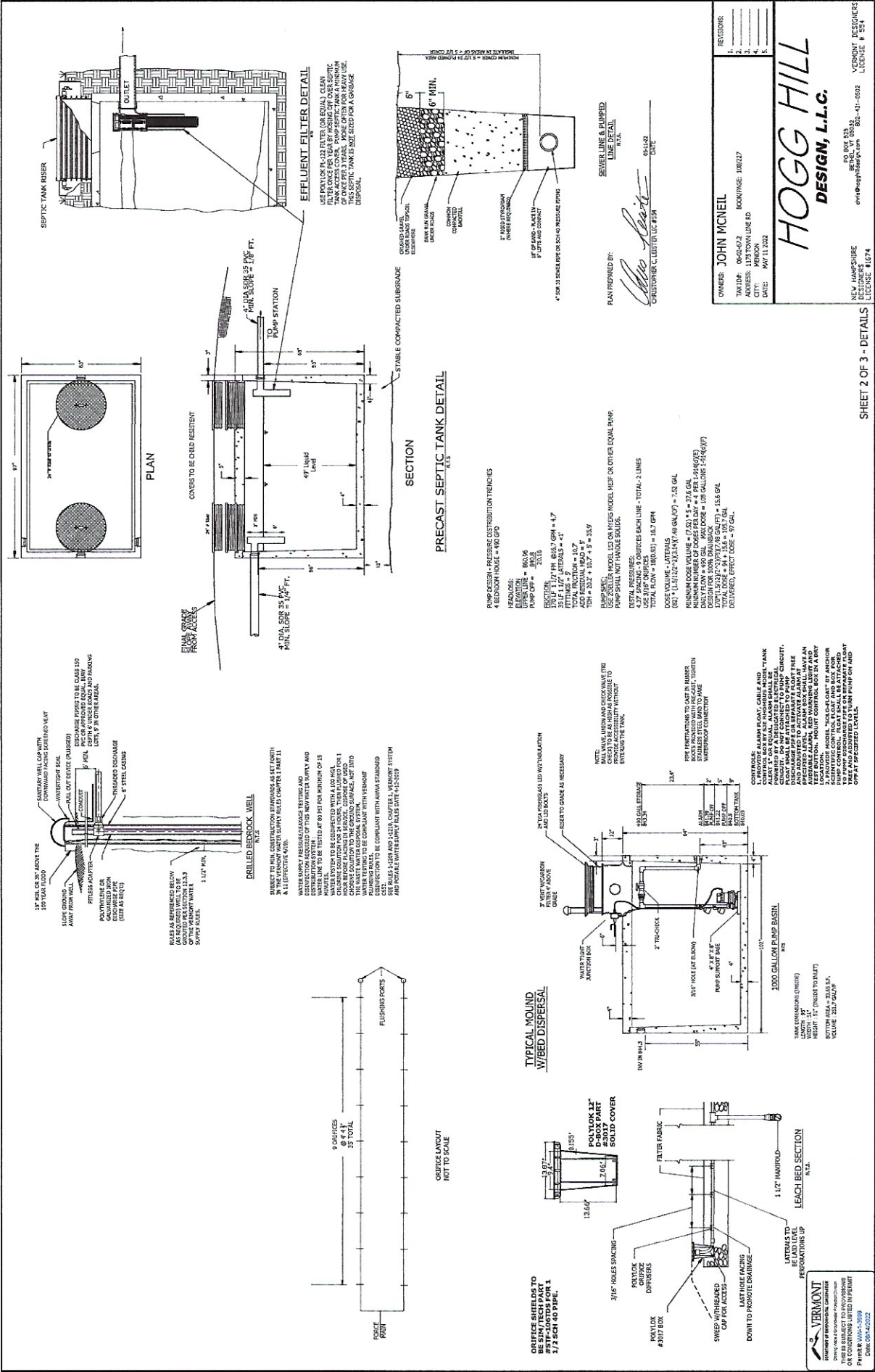
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PLAN PREPARED BY:

OWNERS: JOHN MCNEIL	BOOK/PAGE: 108/217	REVISIONS:
TAX ID# 06-05-67-2		1. 05/22/22
ADDRESS: 1173 TOWN LINE RD		2. _____
CITY: MADISON		3. _____
DATE: MAY 11 2022		4. _____
		5. _____

HOGG HILL
DESIGN, L.L.C.

NEW HAMPSHIRE
DESIGNERS
PO BOX 525
BETHEL, VT 05032
chris@hophdesigns.com 802-431-0502
LICENSE #1674



OWNERS: JOHN MCNEIL

TAX ID#: 050422

CITY: MERION

DATE: MAY 11, 2022

BOOKPAGE: 100/27

ADDRESS: 1175 TOWN LINE RD

DATE: MAY 11, 2022

REVISIONS:

1. 05/04/22

2. 05/04/22

3. 05/04/22

4. 05/04/22

HOGG HILL

DESIGN, L.L.C.

101 NEW RD

BERLIN, VT 05203

604-855-1151

604-855-1151

NEW HAMPSHIRE

DESIGNER'S LICENSE # 254