VERMONT

State of Vermont
Department of Environmental Conservation

Agency of Natural Resources
Drinking Water and Groundwater Protection Division

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 November 6, 2023

Permittee(s): Eric Hostetler
David Lublin
3001 Veasey Terrace NW APT 1316
Washington, DC 20008

Permit Number: WW-7-6873

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

Lot	Parcel	SPAN	Acres	Book(s)/Page(s)#
1	323-0066	264-083-10425	0.45	Book:43 Page(s):553

This application, consisting of the replacement of the existing wastewater disposal system for the existing 4-bedroom camp, to be converted to a year-round 4-bedroom single family residence, located at 66 Barre Boulevard in Greensboro, 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 for recording this permit in the Greensboro 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 for recording the design and installation certifications and other documents that are required to be filed under these Rules or under a permit condition in the Greensboro 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. The wastewater system includes the use of an Innovative/Alternative treatment component. Each prospective owner of a lot that utilizes the Innovative/Alternative component shall be shown a copy of the **Innovative/Alternative System Approval letter #2005-01-R9 for the Norweco Singulair® and Hydro-Kinetic® Wastewater Treatment System Series** for model **960-500** prior to conveyance of the lot.

1.5. This permit authorizes the landowner to convert the existing seasonally occupied residence to a year-round occupied 4-bedroom single family residence/7-person occupancy. The residence **shall not be occupied** for more than 180 days in the calendar year until such time as the construction of the new **water supply and/or wastewater system** are completed, and all the conditions of this permit are satisfied.

1.6. 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.

1.7. The Drinking Water and Groundwater Protection Division relied upon the Vermont Licensed 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.

1.8. 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.

1.9. Approval of the replacement wastewater system is granted under the Variance Section of the Wastewater System and Potable Water Rules, Section 1-802, for the purpose of eliminating an existing substandard condition and potential health hazard. The design flows for this building may not increase until a fully complying wastewater system design prepared by a qualified Vermont Licensed Designer is submitted for review and approved by the Drinking Water and Groundwater Protection Division.

2. CONSTRUCTION

2.1. Construction shall be completed as shown on the plans and/or documents prepared by John Grenier P.E., with the stamped plans listed as follows:

Title	Sheet #	Plan Date	Revision
Septic System Site Plan Eric Hostetler & David Lublin 66 Barre Boulevard Greensboro	C-1	04/06/2026	
Septic System Details Eric Hostetler & David Lublin 66 Barre Boulevard Greensboro	C-2	04/06/2026	

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 the wastewater system or 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 are 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. The landowner shall submit to the Drinking Water and Groundwater Protection Division an annual report, prepared by a Class 1, Class B, or Class BW Designer of an inspection conducted in the months of April or May of each year of the bottomless sand filter (BSF). The report shall be submitted to the Division by December 31 of the year the inspection was conducted. At a minimum, the following criteria shall be addressed in the report:

A. Observation of any debris or vegetative growth on surface of the sand filter.

B. Observation of any mechanical or electrical malfunctions of the pump station.

C. Observation of any neglect or improper use.

D. Observation of the flushing of the laterals.

E. Observation of any ponding on surface of the Filter, rotting of the timber frame, or soil slumping around the BSF.

F. Observation of any ponding or surfacing of effluent around the base of the Filter enclosure.

G. Observation of solids, scum, or grease in the pump chamber.

3.3. A vendor-approved service provider of the Innovative/Alternative treatment system shall provide the Drinking Water and Groundwater Protection Division with a report certifying the Innovative/Alternative System was installed and is functioning in a manner that complies with the vendor requirements within 60 days of installation and usage.

3.4. A vendor-approved service provider shall conduct an inspection of the Innovative/Alternative treatment system every six months following installation and use of the treatment system for the initial two years. The inspection report shall be completed as indicated in the vendor approval, provided to the landowner, and submitted to the Division within 60 days of when the inspection is conducted.

3.5. Following the initial two years of service, a vendor-approved service provider shall conduct an annual inspection of the Innovative/Alternative treatment system. The inspection report shall be completed as indicated in the vendor approval, provided to the landowner, and submitted to the Division by December 31st of the year inspection is conducted.

3.6. The Drinking Water and Groundwater Protection Division may require sampling of effluent from the Innovative/Alternative treatment system to confirm the filtrate effluent is being treated to reduce the BOD_5 to 30 mg/L or less and total suspended solids (TSS) to 30 mg/L or less.

3.7. The Innovative/Alternative treatment system shall function in accordance with the vendor requirements. The Drinking Water and Groundwater Protection Division shall be immediately notified if the treatment system is not functioning according to the vendor requirements, or the effluent quality does not comply with BOD_5 to 30 mg/L or less and total suspended solids (TSS) to 30 mg/L or less.

3.8. **Prior to the use of the potable water supply**, the permittee shall collect untreated water and test 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, and pH. The Lead sample shall be a first-draw. 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 and the Vermont Department of Health prior to use or at the submission of the Installation Certification required in Condition 3.1, whichever comes first.

4. DESIGN FLOW

4.1. The following table provides the flows that the wastewater system and potable water supply are designed to accept based on existing and proposed lot and building uses. The design flows in gallons per day (gpd) in the following table are derived from section 1-803 of the Rules:

Lot	Building	Building Use / Design Flow Basis	Wastewater	Water
1	Seasonal Conversion	Residential Living Unit with 4- bedrooms (based on 7-person occupancy)	490	490

4.2 The table above reflects the designed capacity for wastewater systems and potable water supplies derived from the uses documented in the permit application. If additional capacities are needed, a permit amendment will be required for the total design flows.

5. WASTEWATER SYSTEM

5.1. 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. The following variance(s) was/were granted from the Technical Standards in accordance with the Wastewater System and Potable Water Supply Rules, Section 1-802, for the replacement wastewater system:

a. Isolation distance from leachfield to neighboring wells.

5.3. 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.

5.4. 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 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.

6.2 The single-family residence served by a surface water source shall not include use as a childcare facility.

6.3 The landowner, prior to a change of ownership of the lot on which the building or structure or campground served by the supply is located, shall submit the following documents to the Secretary:

(A) an inspection report, completed by a professional engineer practicing within the scope of his or her engineer specialty, that

i. confirms all approved components of the water treatment system exist and are functioning properly pursuant to the approved design; or

ii. if one or more components are not in existence or functioning properly, identifies corrective actions needed to bring the design into compliance with the approved design, and identifies those components that are in existence and functioning properly pursuant to the approved design.

(B) Documentation demonstrating that the inspection report was provided to the prospective landowner.

(C) If the inspection report required corrective action, a second inspection report completed by a professional engineer, practicing within the scope of his or her engineering specialty, certifying the corrective actions have been taken and all approved components of the water treatment system exist and are functioning properly per the approved design.

(D) The following statement signed by the prospective landowner:

"I understand that a surface water source may not provide the same water quality as a groundwater source and that a surface water source will require constant treatment of the water including monitoring, proper operation, and maintenance of the water treatment system. I understand that the use of a treatment system will not ensure the water will meet drinking water standards. I understand I may not be notified when chemicals, such as lampricide, are applied to the surface water that serves my residence. I understand and accept the potential risk to human health and the liability for use of the surface water source and treatment system to provide potable water to my residence."

Julia S. Moore, Secretary
Agency of Natural Resources

By _____Dated April 23, 2026
Eric Deratzian
Environmental Analyst VII
St Johnsbury Regional Office
Drinking Water and Groundwater Protection Division

Enclosure: I/A Approval Letter

cc: John Grenier P.E.