



State of Vermont
Department of Environmental Conservation

Agency of Natural Resources

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 September 29, 2007
Chapter 21, Water Supply Rules, Effective December 1, 2010

Landowner(s): Petdia LLC, Philo Ridge LLC
c/o Diana McCargo
2766 Mt. Philo Road
Charlotte, VT 05445

Permit Number: WW-138-1609
PIN: EJ16-0324

This permit affects property identified as Town Tax Parcel ID 00027-2766 referenced in a deed recorded in Book 190 Page(s) 436 of the Land Records in Charlotte, Vermont.

This project, consisting of a proposed change of a residential 490 GPD system to a 482 GPD system to be used in processing food for the farm market operation in the Commons Barn.

1. GENERAL

1.1 The project shall be completed as shown on the plans and/or documents prepared by David Marshall of Civil Engineering Associates, Inc. , with the stamped plans listed as follows:

Sheet Number	Title	Plan Date	Plan Revision Date
1 of 8	C1.0 Proposed overall site plan	10/--/2016	/ /
2 of 8	C1.0A Overall property plan	11/--/2016	/ /
3 of 8	C1.3 Proposed site utility plan	11/--/2016	
4 of 8	C2.2 Water and storm details	11/--/2016	
5 of 8	C2.3 Sewer details	11/--/2016	
6 of 8	C4.2 Site specifications	11/--/2016	
7 of 8	C4.3 Site specifications	11/--/2016	
8 of 8	C4.4 Site specifications	02/01/2016	

1.2 This permit does not relieve the landowner from obtaining all other approvals and permits PRIOR to construction including, but not limited to, those that may be required from the Act 250 Environmental Commission; the Drinking Water and Groundwater Protection Division; the Watershed Management Division; the Division of Fire Safety; the Vermont Department of Health; the Family Services Division; or other State departments and local officials.

1.3 The conditions of this permit shall run with the land and will be binding upon and enforceable against the landowner and all assigns and successors in interest. The landowner shall record and index this



permit in the Charlotte Land Records within thirty, (30) days of issuance of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.

- 1.4 The landowner shall record and index all required installation certifications and other documents that are required to be filed under these Rules or under a specific permit condition in the Town of Charlotte Land Records and ensure that copies of all certifications are sent to the Secretary.
- 1.5 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) 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 the permit conditions, were inspected, were properly tested, and have successfully met those performance tests”,

or which otherwise satisfies the requirements of §1-308 and §1-911 of the referenced rules.

- 1.6 This project is approved for installing additional components to an existing wastewater disposal system” (a new grease trap, septic tank, pump station, and distribution box will be installed, but no disposal system), to support the Farm Market building with the following uses: Office and Agricultural food processing and market. No alterations to the existing building other than those indicated in this permit that would change or affect the water supply or wastewater disposal shall be allowed without prior approval by the Drinking Water and Groundwater Protection Division. Construction of additional nonexempt buildings including commercial and residential buildings is not allowed without prior permitting by the Drinking Water and Groundwater Protection Division and such permit may not be granted unless the proposal conforms to the applicable laws and regulations.
- 1.7 By acceptance of this permit, the landowner agrees to allow representatives of the State of Vermont access to the property subject to this permit, at reasonable times, for the purpose of ascertaining compliance with Vermont environmental/health statutes, regulations, and permit conditions, including performing an inspection of the wastewater disposal and water supply systems serving the structure.
- 1.8 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.

2. WATER SUPPLY

- 2.1 The project is approved with existing on site drilled well water supply systems consisting of 90 gallon per day office and a 392 gallon per day Common Barn having a maximum design flow of 482 gallons per day. The provided the water supplies meet or exceed the isolation distances, construction standards, and water quality standards required in the Water Supply Rule. The landowner shall operate the potable water supply in a manner that keeps the supply free from contamination.
- 2.2 No changes shall be made to the existing water system unless prior approval is obtained from the Drinking Water and Groundwater Protection Division. No other means of obtaining potable water shall be allowed without prior review and approval by the Drinking Water and Groundwater Protection Division unless otherwise exempt. The landowner shall immediately notify the Division if the water supply system fails to function properly and becomes a “failed supply”.

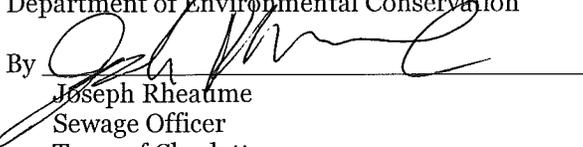
- 2.3 The components of the potable water supply herein approved shall be routinely and reliably inspected during construction by a qualified Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 2.4 The water source location as shown on the stamped plan(s) shall be staked out and flagged by a qualified Vermont Licensed Designer prior to any construction on this project with the flagging being maintained until construction is complete.

3. WASTEWATER DISPOSAL

- 3.1 This project is approved for the disposal of wastewater in accordance with the design depicted on the stamped plan(s) for a maximum of **482 gallons** of wastewater per day. The 482 gallons per day consist of 90 GPD Brick House Office and a 382 GPD Commons Barn. The systems shall be operated at all times in a manner that will not permit the discharge of effluent onto the surface of the ground or into the waters of the State. Should the system fail and not qualify for the minor repair or replacement exemption, the current landowner shall engage a qualified Vermont Licensed Designer to evaluate the cause of the failure and to submit an application to this office and receive written approval prior to correcting the failure.
- 3.2 The components of the sanitary wastewater system herein approved shall be routinely and reliably inspected during construction by a Vermont Licensed Designer (or where allowed, the installer) who shall, upon completion and prior to occupancy of the associated building, report in writing to the Drinking Water and Groundwater Protection Division that the installation was accomplished in accordance with the referenced plans and permit conditions, as specifically directed in Condition #1.5 herein.
- 3.3 The project is approved for use of the existing wastewater absorption system in strict accordance with the following conditions:
 - a. The system is located as depicted on the plans that have been stamped by the Drinking Water and Groundwater Protection Division.
 - b. A qualified Vermont Licensed Designer shall inspect the system during critical stages of construction.
 - c. Upon completion of construction, and prior to occupancy of any structure being served by the system, the designer shall submit to the Drinking Water and Groundwater Protection Division a written certification stating the construction has been completed in accordance with the stamped plans and the permit.
- 3.4 Wastewater system for this project is approved for domestic type wastewater only except as allowed for water treatment discharges. No discharge of other type process wastewater is permitted unless prior written approval is obtained from the Drinking Water and Groundwater Protection Division.

- 3.5 No buildings, roads, water lines, earthwork, re-grading, excavation or other construction that might interfere with the installation or operation of the wastewater disposal systems are allowed on or near the site-specific wastewater disposal system or replacement area depicted on the stamped plans. All isolation distances that are set forth in the Wastewater System and Potable Water Supply Rules shall be adhered to and will be incorporated into the construction and installation of the wastewater disposal field except the following for which a variance has been granted under this permit: 20' setback from absorption system to property line, 16' setback from toe of downslope mound system to property line, and shallow depth to seasonal high groundwater downslope of the mound system.

Alyssa Schuren, Commissioner
Department of Environmental Conservation

By 
Joseph Rheauime
Sewage Officer
Town of Charlotte

Dated the 12th day of December, 2016.

- c Brian Tremback, Lamoureux & Dickinson Consulting Engineers, Inc. *via email*
David Marshall, Civil Engineering Associates, Inc.
Petdia LLC, c/o Diana McCargo
Drinking Water and Groundwater Protection Division *via email*