



State of Vermont.

CORRECTED COPY

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 and Environmental Protection Rules;
Chapter 1, Wastewater System and Potable Water Supply Rules
Subchapter 4, Water Supply and Wastewater Permits
Subchapter 5, Technical Standards for Wastewater Systems and Potable Water Supplies
Appendix 1-A, Design Guidelines
Chapter 21, Water Supply

CASE No: WW-5-2113

PIN No.# BR03-0039

APPLICANT: Ritchie Crockett Lawton

ADDRESS: C/O Sandy Lawton

P.O. Box 1574

Waitsfield, VT 05673

This project, consisting of a twelve (12) Lot subdivision with Lots 1-10 to be developed with single family residential dwellings, with Lot 1 being 0.38 ± acres in size, Lot 2 being 1.02± acres in size, Lots 3 & 4 being 1.04± acres in size, Lot 5 being 1.08± acres in size, Lot 6 being 1.03± acres in size, Lot 7 being 1.0± acres in size, Lot 8 being 1.06± acres in size, Lot 9 being 1.10± acres in size, Lot 10 being 1.05± acres in size, Lot 11 being 14.44± acres in size and reserved for the placement of a community off-lot sewage disposal system and several off-lot replacement sewage disposal systems serving the subdivision and subject to deed deferral development restrictions, and Lot 12 being 14.09± acres in size also subject to deed deferral development restrictions. Sewage disposal serving Lots 1, 3, 4, 5, 7, 8 and 9 are to be off-lot and by a single community system located on Lot 11, sewage disposal serving Lot 10 is to be off-lot located on Lot 11, water supply serving Lots 1, 2, 3 and 10 are to be on-site, shared water supply serving Lots 4 & 5 is located on Lot 5, shared water supply serving Lots 6 & 7 is Located on Lot 6, shared water supply serving Lots 8 & 9 is located on Lot 8 for the subdivision, located off of Hastings Road, Waitsfield, Vermont, is hereby approved under the requirements of the regulations named above, subject to the following conditions:

1. GENERAL CONDITIONS

1.1. The project must be completed as described on the plans and/or documents, prepared by William Kules, P.E., listed as follows:

- Sheet 2 of 9, Site Plan, dated Jan 27, 2003,
Sheet 3 of 9, Lots 1, 2 & 3, dated Jan 27, 2003,
Sheet 4 of 9, Lots 4, 5 & 11, dated Jan 27, 2003,
Sheet 5 of 9, Lots 6 & 7, dated Jan 27, 2003,
Sheet 6 of 9, Lots 8, 9 & 10, dated Jan 27, 2003,
Sheet 7 of 9, Details Plan, dated Jan 27, 2003,
Sheet 8 of 9, Details Plan, dated Jan 27, 2003,
Sheet 9 of 9, Details Plan, dated Jan 27, 2003,

and which have been stamped "APPROVED" by the Wastewater Management Division. No alteration of these plans and/or documents shall be allowed except where written application has been made to the Agency of Natural Resources and approval obtained.

1.2. A copy of the approved plans and the Water Supply and Wastewater Disposal Permit shall remain on the project during all phases of construction and, upon request, shall be made available for inspection by State or Local personnel.

1.3. The remaining 14.44± acre lot (Lot 11) and 14.09± acre lot (Lot 12) are NOT approved for construction at this time. Any deeds for these parcels shall contain the following language until a permit has been obtained from the Wastewater Management Division: "Notice of permit requirements. In order to comply with applicable state rules concerning potable water supplies and wastewater disposal systems, a person shall not construct or erect any structure or building on the lot of land described in this deed if the useful occupancy of that structure or building will require the installation or connection to a potable water supply or wastewater disposal system, without first complying with the applicable rules and, if necessary, obtaining the required permit. Any person who owns this property acknowledges that this lot may not be able to meet state standards for a potable water supply or wastewater disposal system and therefore this lot may not be able to be improved."

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1.4. Each prospective purchaser of any portion of the project shall be shown a copy of the approved plot plan, the engineer's or site technician's site report and the Water Supply and Wastewater Disposal Permit prior to conveyance of any portion of the project.

1.5. This project has been reviewed and is approved for the construction of one single family residence on each approved lot. Construction of other type dwellings, including public buildings, duplexes and condominium units, is not allowed without prior review and approval by the Agency, and such approval will not be granted unless the proposal confirms to the applicable laws and regulations.

1.6. The conditions of this permit shall run with the land and will be binding upon and enforceable against the permittee and all assigns and successors in interest. The permittee shall be responsible for recording this permit and the "Notice of Permit Recording" in the Waitsfield Land Records within thirty (30) days of receipt of this permit and prior to the conveyance of any lot subject to the jurisdiction of this permit.

1.7. This authorization does not relieve you, as applicant, from obtaining all approvals and permits as may be required from the Act 250 District Environmental Commission, the Department of Labor and Industry (phone 479-4434), the Water Quality Division of the Department of Environmental Conservation (phone 241-3777), and local officials PRIOR to construction.

1.8. 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 Vermont environmental and health statutes and regulations and with the permit.

1.9. This permit shall in no way relieve you of the obligations of Title 10, Chapter 48, Subchapter 4, for the protection of groundwater.

2. WATER CONDITIONS

2.1. Each approved lot is approved for an on-site water supply from a drilled well provided that the well is located as shown on the plans and meets or exceeds the isolation distances required in the Environmental Protection Rules. A Vermont registered Professional Engineer or Certified Site Technician shall verify in writing that the well was installed as shown on the approved plans.

2.2. The water supply which is to serve Lots 4 and 5 is located on Lot 5, the water supply which is to serve Lots 6 and 7 is located on Lot 6, the water supply which is to serve Lots 8 and 9 is located on Lot 8. The ownership of this project shall not be transferred without water rights to the approved water supply. The water rights shall provide for an uninterrupted supply of water together with the right to enter upon the property for repair, maintenance and other such reasonable purposes as may arise regarding the water supply.

2.3. Prior to use of the water supply serving Lots 4, 5, 6, 7, 8, and 9, the water shall be sampled and found to meet or exceed potable water standards set forth by the Chapter 21 of the Environmental Protection Rules. Copies of the test results must be submitted to this office. The water system shall be operated at all times in a manner that keeps the water supply free from contamination.

2.4. Prior to connection of the shared wells to the water distribution system, each well shall be pump tested by a Vermont Registered Professional Engineer. The results, along with the water system design prepared by a Vermont registered Professional Engineer, must be submitted to this office for approval. The requirement to pump test the wells by a Vermont registered Professional Engineer may be waived if personnel from the Wastewater Management Division agree that the yield requirements of the Environmental Protection Rules have been satisfied.

3. SEWAGE DISPOSAL CONDITIONS

3.1. Lots 1, 3, 4, 5, 7, 8, and 9 are approved for the on-site subsurface disposal of wastewater within a community type system located within the soil boring and percolation testing area indicated on the approved plans for a maximum design flow of 2,065 gallons of sewage per day. No buildings, roads, water lines, or other construction that might interfere with the installation or operation of the sewage disposal system are permitted. Isolation distances as set forth in Appendix 1-503 of the Environmental Protection Rules shall be adhered to. The wastewater disposal system which is to serve Lots 1, 3, 4, 5, 7, 8, and 9 is located on Lot 11.

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- 3.2. Lots 6 and 10 is approved for the on-site subsurface disposal of wastewater within a mound type disposal system within the soil boring and percolation testing area indicated on the approved plans for a maximum of 490 gallons of sewage per day each. No buildings, roads, water lines, or other construction that might interfere with the installation or operation of the sewage disposal system are permitted. Isolation distances as set forth in Section 1-503 of the Environmental Protection Rules shall be adhered to.
- 3.3. Lot 2 is approved for the on-site subsurface disposal of wastewater within the soil boring and percolation testing area indicated on the approved plans for a maximum of 490 gallons of sewage per day. No buildings, roads, water lines, or other construction that might interfere with the installation or operation of the sewage disposal system are permitted. Isolation distances as set forth in Appendix 1-7D of the Environmental Protection Rules shall be adhered to. Should this system ever malfunction, the permittee must engage a Vermont registered Professional Engineer or Certified Site Technician to evaluate the cause of failure and to submit information to this office for repair/replacement of the failing system.
- 3.4. A portion of the wastewater disposal system which is to serve Lot 6 is located on Lot 11. The land deed which establishes and transfers ownership of this project shall contain a legal easement which grants the purchaser, and any future owners, the right to enter upon the property for repair, maintenance and other such reasonable purposes as may arise regarding the wastewater disposal system.
- 3.5. Each wastewater disposal system shall be constructed as shown on the approved plans and 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.
- 3.6. Prior to the construction of the mound system, the source of the fill material to be used in constructing the mound must be specified and the results of a sieve analysis of the fill material submitted to the Wastewater Management Division for review and approval. The fill material to be used in constructing the mounds shall be obtained from the approved source only.
- 3.7. Prior to backfilling the distribution piping in the disposal field, the network shall be tested with clean water. The difference in discharge rate between any two orifices shall not exceed 15%. The minimum pressure shall meet or exceed 1 psi. The testing shall be completed under the supervision of a Vermont registered Professional Engineer and the results submitted to this office with the consultant's report of construction.
- 3.8. All construction of the wastewater disposal system must be completed in accordance with the approved plans and be inspected by a Vermont registered Professional Engineer. Upon completion of construction and prior to occupancy, the inspecting consultant shall report to the Wastewater Management Division that the wastewater disposal system was constructed in accordance with the approved plans.
- 3.9. The effluent/raw sewage pump station and force main installation shall be inspected by a Vermont registered Professional Engineer. The force main shall be leakage and pressure tested under the general supervision of the inspecting engineer and in accordance with the Environmental Protection Rules. The results of those tests shall be submitted to this office. The electrical systems and components have not been reviewed or approved by the Wastewater Management Division; however, they shall comply with the National Electrical Code. Any equipment exposed to weather shall meet or exceed the requirements of weatherproof equipment as specified by the National Electrical Manufacturers Association (NEMA). All components of the pump station shall be tested prior to use.
- 3.10. Annually during the month of May, a professional engineer shall make a thorough inspection, evaluation, and report of the completed community sewage collection, treatment, and disposal system serving Lots 1, 3, 5, 7, 8, and 9, located on Lot 11. The engineer's inspection shall include, but not be limited to the following:
- (a). observation of the alternating of the disposal fields;
 - (b). inspection of the lift station and observation of the operation of each pump and the alarm system;
 - (c). checking the levelness of all distribution boxes;
 - (d). verifying pumping of the septic tanks; and
 - (e). noting any necessary repairs.

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The engineer's report shall include, but not be limited to the following:

- (a). a complete discussion of the investigations and observations;
- (b). recommended repairs, maintenance, and construction for the next season.

A copy of the engineer's written report shall be submitted to the Wastewater Management Division prior to June 15 of each year for review and approval until notified by the Division that such reports are no longer required.

Jeffrey Wennberg, Commissioner
Department of Environmental Conservation

By  03/21/03
Steve Rebillard, Assistant Regional Engineer

CC Waitsfield Planning Commission
William Kules
Adam Lougee, Esq.
Act 250, Susan Baird
VT Dept. of Labor & Industry
Water Quality Division
Central Office of Wastewater Management Division