

State of Vermont
Agency of Natural Resources
Department of Environmental Conservation
Drinking Water and Groundwater Protection Division

Environmental Protection Rules

Chapter 1

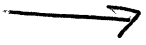
Wastewater System and Potable Water Supply Rules

Effective: April 12, 2019

§ 1-304

WW Permit Exemptions

- (D) a designer or, when allowed by these Rules, an installer, completes an installation certification for the sanitary sewer service lines that complies with § 1-311; and
- (E) copies of the design and installation certifications required pursuant to Subsection (B) and (C) are submitted to the Secretary and recorded and indexed in the land records of the municipality where the building or structure is located.

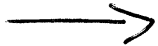


During watermain construction

- (12) The connection of an existing building or structure to a water main via a new water service line, and the construction of the water service line, at the time of initial construction and operation of the portion of the municipal water main to which the water service line connects, provided:
 - (A) the associated water service lines are included on the plans that are approved as part of a public water system construction permit;
 - (B) the water service line complies with the technical standards in Subchapters 8, 11, and 12;
 - (C) a designer completes a design certification for the water service line that complies with § 1-306;
 - (D) a designer or, when allowed by these Rules, an installer, completes an installation certification for the potable water supply that complies with § 1-311; and
 - (E) copies of the design and installation certifications required pursuant to Subsection (B) and (C) are submitted to the Secretary and recorded and indexed in the land records of the municipality where the building or structure is located.

- (13) The modification of an existing building or structure, the change in use of a building or structure, or the modification of a campground, in a manner that increases the design flow of any component of a sanitary sewer service line, and any associated sanitary sewer collection line, that conveys wastewater to a wastewater treatment facility, or in a manner that modifies any operational requirements of such a sanitary sewer service line, and any associated sanitary sewer collection line, provided:
 - (A) the building or structure or campground is served by a water service line that connects to a public water system;
 - (B) a designer certifies that the design capacity of the existing sanitary sewer service line and sanitary sewer collection line can accommodate the increase in design flow or modification of operational requirements;
 - (C) the landowner obtains a letter from the wastewater treatment facility confirming the facility has capacity to treat the constituents of the wastewater and dispose of the design flow identified in § 1-803 for each building or structure or campground to be served by the sanitary sewer service line and any associated sanitary sewer collection line; and
 - (D) a copy of the certification required pursuant to Subsection (13)(B) is recorded and indexed in the land records for the municipality where the building or structure or campground is located.

- (14) The modification of an existing building or structure, the change in use of a building or structure, or the modification of a campground, in a manner that increases the design flow of any component of a water service line, or in a manner that modifies any operational requirements of a water service line, provided:
- (A) the building or structure or campground is served by a sanitary sewer service line, and any associated sanitary sewer collection line, that conveys wastewater to a wastewater treatment facility;
 - (B) no booster pump is added to the potable water supply;
 - (C) a designer certifies that the design capacity of the existing water service line can accommodate the increase in design flow or modification of operational requirements;
 - (D) the landowner obtains a letter from the public water system confirming the public water system has the capability to supply the design flow identified in § 1-803 for each building or structure or campground to be served by the water service line; and
 - (E) a copy of the certification required pursuant to Subsection (14)(C) is recorded and indexed in the land records for the municipality where the building or structure or campground is located.



- (15) The construction of a replacement supply serving only one single-family residence on a lot with no other buildings or structures and with no campground, provided:

Post watermain
construction

- (A) the replacement supply will not be located in an area classified by the Secretary as a Class IV groundwater area;
- (B) the replacement supply does not utilize surface water as the potable water source;
- (C) there is not a change in use of the single-family residence to also be a child care facility;
- (D) if the replacement supply is a water service line and a booster pump will be installed in the single-family residence, the technical standards for the booster pump design in § 1-1111(d) are met (Secretary approval for the installation of the booster pump is not required);
- (E) a form provided by the Secretary that corresponds to the type of replacement supply is recorded and indexed in the land records of the municipality where the single-family residence is located, and, if different, where the replacement supply will be located; and
- (F) water sampling that complies with § 1-1113(b) and (c) is conducted prior to any consumptive use of the water from the replacement supply.

- (16) The development of a potable water source to supplement an existing potable water source serving only one single-family residence on a lot with no other buildings or structures and with no campground, provided:

- (A) the supplemental potable water source will not be located in an area classified by the Secretary as a Class IV groundwater area;
- (B) the supplemental potable water source is not a surface water source;
- (C) there is not a change in use of the single-family residence to also be a child care facility;

WW permit Req.
if > 1 SFR
on a lot.

- (1) calculations used to size grease interceptors;
 - (2) calculations used to size septic tanks;
 - (3) calculations used to determine dosing volumes and pressure distribution;
 - (4) calculations used to determine cleansing velocities of sanitary sewer collection lines;
 - (5) slopes of sanitary sewer service lines or sanitary sewer collection lines;
 - (6) calculations for sizing wastewater and water pumps and pump selections;
 - (7) calculations for sizing water service lines, water service pipes, and sanitary sewer service lines;
 - (8) calculations for sizing water storage; and
 - (9) specifications for quality of workmanship.
- (m) Nothing in Subsection (l) shall limit the responsibility of the designer to comply with these Rules with respect to the design of, and design certification for, a wastewater system or potable water supply.
- (n) Nothing in Subsection (l) shall limit the authority of the Secretary to review and comment on design aspects of an application or to enforce these Rules with respect to the design or the design certification. The Secretary retains the authority to deny an application that includes a design that is out of compliance with these Rules.

§ 1-306 Site Plans, Supporting Information, and Design Certification

- (a) All site plans, detail sheets, accompanying narrative, and other supporting data for the design of a wastewater system or potable water supply submitted with a permit application shall be prepared, signed and dated by a designer.
- (b) All site plans, detail sheets, accompanying narrative, and other supporting data for the design of a wastewater system or potable water supply that is required in a permit application shall be accompanied by a design certification, signed and dated by a designer, that states:
“I hereby certify that, in the exercise of my reasonable professional judgment, the design-related information submitted with this application is true and correct and the design included in this application for a permit complies with the Vermont Wastewater System and Potable Water Supply Rules.”

§ 1-307 Required Notification of Presumptive Isolation Zones

- (a) When an applicant for a permit or permit amendment proposes a potable water supply or wastewater system with a wastewater system presumptive isolation zone or potable water supply presumptive isolation zone that extends onto property other than the property for which the permit is sought, the permit applicant shall send by certified mail, on a form provided by the Secretary, a notice of an intent to file a permit application, with the site plan that will be included with the permit application and that accurately depicts the presumptive isolation zone, to any landowner affected by the presumptive isolation zone at least 7 calendar days prior to the date that the permit application is submitted to the Secretary.