

State Stormwater Discharge Permit Application Narrative Instructions

Your narrative must include the following items:

1. Detailed project description ____ (✓)

Including: name of project, location, land use (e.g, residential, commercial, etc.), number of buildings, project access (from public road, private road, road extension etc.), phasing (if applicable), conservation lots, type of project (new, redevelopment, expansion)

2. Please identify the receiving waters that your project drains to ____ (✓)

Remember that your discharge points should be located where your stormwater runoff first enters a water of the State. Waters of the State include, but are not limited to, streams (intermittent or perennial), rivers, lakes, ponds, and some wetlands.

3. Please describe the existing conditions ____ (✓)

Including: land cover, existing impervious surface, current location of discharge points, impervious surface, existing drainage description, existing erosion issues (on property, within the conveyance to receiving waters or in the receiving waters themselves), soils (description, classification and identification of hydrologic soil groups), slopes, presence of wetlands, etc.

4. Existing Stormwater System (if any) ____ (✓)

Including: a description of the existing stormwater system and its current condition, identification of any existing stormwater permits, identification of which (if any) impervious areas will continue to be treated by the existing stormwater system

5. Proposed Stormwater System ____ (✓)

Please provide the following information for each discharge point in your project:

- a. Amount of impervious area (broken down by existing, redeveloped, new)
- b. Receiving Water Identification
- c. Cold/Warm Fish Habitat Designation for Receiving Water (Appendix A of Vermont Water Quality Standards)
- d. Location of discharge point
- e. Demonstration of compliance with each of the 5 unified sizing criteria in the 2002 VSWMM (*include the STP(s) used, and/or any credits or waivers*)
 - i. Water Quality Treatment Standard
 - ii. Groundwater Recharge Treatment Standard
 - iii. Channel Protection Standard
 - iv. Overbank Flood Protection Standard (Qp10)
 - v. Extreme Flood Protection Standard (Qp100)

f. Manner of Discharge (Detailed description of where runoff originates (e.g roofs, roads, parking lots etc.), its conveyance within the project, its treatment, and its conveyance from the project to the discharge point)

6. **Please include any additional information** not addressed above that would assist the reviewer in understanding your proposed stormwater management system and how it complies with the 2002 VSWMM. ____ (✓)