



The following is a summary of several relevant Town plans, stormwater ordinances, and regulations.

1. Illicit Connection and Stormwater Connection Ordinance

The Town of Milton has an Illicit Discharge and Stormwater Connection Ordinance, which defines “what constitutes a public nuisance relating to Stormwater and Non-Stormwater Discharges to the Municipal Separate Storm Sewer System (MS4)”. This civil ordinance serves three primary objectives which are (as quoted):

- a. *To regulate the introduction of pollutants to the MS4 from Non-Stormwater Discharges by any user;*
- b. *To prohibit Illegal Connections and Illicit Discharges to the MS4;*
- c. *To establish legal authority to carry out all inspection, monitoring, and enforcement procedures necessary to ensure compliance with this Ordinance.*

The ordinance specifically describes a set of prohibited activities, including solid waste disposal, illegal connections, and illicit discharges (including “pollutants or waters containing any pollutants, other than Stormwater, or any materials that may impede the natural flow of Stormwater or the functionality of the MS4”).

Section F of this ordinance is the “Requirement to Prevent, Control, and Reduce Stormwater Pollutants by the Use of Best Management Practices”. This section requires commercial or industrial establishments to use BMPs to provide reasonable protection from accidental discharge of prohibited materials. It also outlines the Town’s authority to require property owners to implement additional structural or non-structural BMPs to prevent discharge of pollutants to the MS4.

2. Public Works Specifications

The Town’s Public Works Specifications establish a uniform level of quality for all infrastructure in the Town. Section 600 of the Technical Specifications outlines the “Erosion Control Specifications”, and Section 1400 contains the “Storm Drainage Specifications”.

The “Erosion Control Specifications” requires any construction projects that fall under the one-acre disturbance limit for state permitting shall comply with Town ordinances and the state Low Risk Site Handbook for Erosion Prevention and Sediment Control.

The “Storm Drainage Specifications” state that any development shall be in compliance with the current editions of the Vermont Stormwater Management Manual. Stormwater narratives with relevant calculations are required to be submitted to the Town for all development.

The “Storm Drainage Design Specifications” (Section 1420) require the use of buffers between development sites and any watercourse. Furthermore, this section encourages the maintenance of natural flow, the use of non-structural practices to reduce the reliance on structural practices, and the use of Low Impact Development techniques such as stormwater treatment islands in parking lots and rain gardens.

The “Storm Drainage Geometric Standards” (Section 1430) outline specific slope and sizing standards for storm water infrastructure. Included is a requirement to treat roadside ditches and drainage swales to minimize erosion and sediment damage. The specifications also require an erosion and sediment control plan.

The “Storm Drainage Installation” section (Section 1440) specifies that ditches with a grade of less than 2% should be seeded and mulched. Ditches with a grade between 2% and 5% should use biodegradable matting and seed, and ditches with grades greater than 5% should be stoned-lined or use stone check dams.



Lastly, the “Storm Drainage Testing” section (Section 1450) includes a requirement to clean catch basins at the end of the warranty period.

3. Unified Development Regulations

The Town’s Unified Development Regulations, most recently amended by the Milton Selectboard on February 18, 2020, include a set of standards relevant to phosphorus pollution mitigation in the Town. In a case of conflict between the Unified Development Regulations and Public Works Specifications, the Public Works Specifications govern.

The Development Standards of these regulations include a section on erosion control (Section 3009). Any land development that disturbs soil is subject to these regulations, but projects that obtain a State construction permit are assumed to have met the requirements of the section. Any construction activities that disturb more than 10,000 square feet of soil must submit an Erosion Control Plan in accordance with the Vermont Standards and Specifications for Erosion Prevention and Sediment Control. This section also outlines a list of required Erosion Control Practices for construction activities, which include, but are not limited to, the use of silt fencing, stormwater run-off prevention with berms and/or ditches, and stone check dam installation.

Also included is a section on stormwater management (Section 3010). These regulations state that any development that increases impervious area on a lot by 5,000 square feet to 10,000 square feet must implement appropriate stormwater BMPs based on the State of Vermont’s GSI Simplified Sizing Spreadsheet. Development that increases impervious coverage by more than 10,000 square feet must submit and implement a stormwater management plan in accordance with the Vermont Stormwater Management Manual. Furthermore, this section states that BMPs must be sized to capture 90% of annual storm events, or the first inch of rainfall.

The Development Standards also include a section on “Surface Waters, Wetlands, and Riparian Buffers” (Section 3011). Buffers are defined therein as a land within 25 feet of surface waters as mapped in the Vermont Natural Resources Atlas. These regulations include a restriction on any structures within the buffer that are not water dependent. Pre-existing structures within buffer areas can be maintained but can only be modified within the confines of these regulations. Permitted alterations within the buffer include lawns, decks, patios, walkways, or other impervious surfaces, but those uses cannot capture more than 20% or 800 square feet of the buffer area (whichever is greater).

4. All-Hazards Mitigation Plan

The Town of Milton 2017 All-Hazards Mitigation Plan part of the 2017 Chittenden County Multi-Jurisdictional All-Hazards Mitigation Plan seeks to identify hazards and outline mitigation strategies for various natural, technological, and societal hazards. Among those hazards are fluvial erosion and water pollution. Outlined within the plan are specific mitigation strategies to address those risks. Mitigation actions were planned for implementation between 2017 and 2022. Relevant mitigation actions include catch basin cleaning and street sweeping, development of the Phosphorus Control Plan, annual culvert upgrade projects, and road drainage improvement projects.