

Stormwater Management and Erosion Control By-Law Rules and Regulations

(by-law sections are included when relevant)

Illicit Connection Detection & Elimination (Section 34.5)

Regulated Activities (Section 34.5.2)

No person shall connect a pipe or other appurtenance to the Town of Belmont Sanitary Sewer System or the MS4, or otherwise perform any modification, repair, rehabilitation, or replacement work on either system, without a Stormwater Management and Erosion Control Permit.

Submittal Requirements

A completed Sanitary Sewer and Storm Drain Permit Application including the attached Sanitary Sewer and Storm Drain Regulations and Specifications

A Plan showing:

- Location, size, length and slope of proposed service
- Structures to be serviced*
- Location of all clean-outs and/or manholes and/or catchbasins
- Property lines
- Other underground utilities as necessary
- Measurements to relevant points (i.e. connection at main, connection at house, manholes, etc).

*Permit applications will not be processed prior to new addresses being assigned as required.

Design and Installation Requirements

New Sanitary sewer and storm drain connections shall be designed and installed per the Sanitary Sewer and Storm Drain Regulations and Specifications included with each Permit Application.

A Street Opening Permit is required from the Department of Public Works prior to the start of work. The Department of Public Works will not issue a Street Opening Permit until a Sanitary Sewer or Storm Drain Permit is issued.

The Town of Belmont storm drain system is impacted by sanitary sewage and the sanitary sewer system is impacted by clean water in the form of Infiltration and Inflow. Consistent with the requirements of Section 34.5 of the Stormwater Management and Erosion Control By-Law and state and federal law new services are required to be installed from the main line. Existing portions of sanitary sewer and storm drain services cannot be reused unless they are lined in place.

Abandoned services shall be cut at the main, filled with flowable fill, and capped at the upstream and downstream end. The connection at the main shall be removed and the main shall be repaired with new pipe.

Pipe of different material shall be joined using a Fernco Coupling or another equivalent item meeting industry standards.

Saddle connections are allowed for 6 inch diameter services connecting to mains with a diameter of 12 inches or greater. Connections for larger diameter services require approval by the Town Engineer.

New wye connections are required for 6 inch diameter services connecting to mains with a diameter of less than 12 inches. The main shall be replaced to the nearest joint or to a section of pipe that is free from defects. A Fernco Coupling or another equivalent item shall be used to join new pipe to existing pipe.

Inspections

Inspection is required prior to backfilling. Any work backfilled without the approval of the Office of Community Development will be excavated and exposed for inspection before final approval is given.

Stormwater Management and Erosion Control (Section 34.6)

Note: An Erosion Control Plan must be approved and installed prior to the issuance of a Demolition Permit.

Submittal Requirements

A completed Stormwater Management and Erosion Control Application.

The Checklist for Stormwater Management and Erosion Control Report must be submitted with the Stormwater Management and Erosion Control Report.

Design Criteria (Section 36.6.4)

The Massachusetts Department of Environmental Protection **Stormwater Handbook** is the standard for compliance with the Town of Belmont Stormwater Management and Erosion Control By-Law.

The Stormwater Management Standards, Applicability Section is amended as follows:

Delete the wording “The Stormwater Management Standards shall not apply to:” and *delete* sub-items (1) – (4). *Delete* the wording “The Stormwater Management Standards shall apply to the maximum extent practicable to the following:” and *delete* sub-items (1) – (6). *Insert* the following:

A Stormwater Management and Erosion Control Permit shall be required prior to undertaking any land disturbance that involves **(Section 34.6.4.1)**:

- (a) An alteration that will result in land disturbances of 2,500 square feet of total area or more, or that is part of a common plan for development that will disturb 2,500 square feet or more;
- (b) An alteration that will increase the amount of a lot’s impervious surface area to more than 25% of the lot’s total area; or
- (c) Storage or permanent placement of more than 100 cubic yards of excavated material, fill, snow or ice.

For the purposes of the Stormwater Management and Erosion Control By-Law any reference in the Stormwater Handbook to the issuing authority shall mean the Office of Community Development.

Operation and Maintenance (O&M) Plan – Stormwater Management Standard 9

For projects not subject to an Order of Conditions the following shall be applicable:

A long-term Operation and Maintenance (O&M) Plan shall be developed and implemented to ensure that stormwater management systems function as designed. As-built drawings showing all stormwater

management systems shall be submitted to the Office of Community Development at the completion of a project (**Section 34.6.3**).

All stormwater BMPs shall be operated and maintained in accordance with the design plans and manufacturers requirements and the Operation and Maintenance Plan approved by the issuing authority.

The long-term Operation and Maintenance Plan shall at a minimum include:

- (1) Stormwater management system(s) owners;
- (2) The party or parties responsible for operation and maintenance, including how future property owners will be notified of the presence of the stormwater management system and the requirement for proper operation and maintenance;
- (3) The routine and non-routine maintenance tasks to be undertaken after construction is complete and a schedule for implementing those tasks;
- (4) A plan that is drawn to scale and shows the location of all stormwater BMPs in each treatment train along with the discharge point;
- (5) A description and delineation of public safety features; and
- (6) An estimated operations and maintenance budget.

In addition to the Operation and Maintenance (O&M) Plan the following is required at the completion of the project:

- (1) A copy of a recorded instrument identifying the Owner of the property (or other entity if applicable) as the party responsible for the maintenance and operation of the systems. The instrument shall include the Operation and Maintenance Plan. The instrument shall state that the Owner (or other entity) of the property shall:
 - (a) maintain a rolling operation and maintenance log for the last three years, including inspections, repairs, replacement and disposal (for disposal, the log shall indicate the type of material and the disposal location);
 - (b) make this log available to the Office of Community Development upon request; and
 - (c) allow members and agents of the Office of Community Development to enter and inspect the premises to evaluate and ensure that the responsibility party complies with the Operation and Maintenance Plan requirements for each BMP.
- (2) An Operation and Maintenance Compliance Statement, certified by a registered professional engineer, stating that:
 - (a) the site has been inspected for erosion and appropriate steps have been taken to permanently stabilize any eroded areas;
 - (b) all aspects of the stormwater BMPs have been inspected for damage, wear and malfunction, and appropriate steps have been taken to repair or replace the system or portions of the system so that the stormwater at the site may be managed in accordance with the Stormwater Management Standards;
 - (c) responsible parties have been notified of their responsibility to operate and maintain the structures; and
 - (d) the Operation and Maintenance Plan for the stormwater BMPs is being implemented.

Prior to final approval, the Office of Community Development shall inspect the site to determine whether the Stormwater BMPs are operating as designed so that the stormwater at the site may be managed in

accordance with the Stormwater Management Standards. Final approval shall not be granted unless and until the stormwater BMPs are functioning in accordance with the Stormwater Management Standards.

Fee Schedule

Certain activities may require the Office of Community Development to seek the services of a third-party consultant:

Some permit applications may require the OCD to secure the services of a Licensed Professional Engineer with expertise in stormwater management and erosion control to assist with the administration of this By-Law. These services shall be paid for by the Applicant prior to the issuance of the Stormwater Management and Erosion Control Permit (**Section 34.4.2**)

Certain site conditions may not allow for onsite stormwater facilities:

The OCD may require the applicant to contribute to the cost of design, construction, and maintenance of a public or shared stormwater facility in lieu of an onsite stormwater facility where the OCD determines that there are not sufficient site conditions for onsite Best Management Practices that will satisfy the design criteria set forth in Section 34.6.4.1 of this By-Law and the performance standards set forth in the regulations promulgated under this By-Law. Funds so contributed may be used to design, construct, and maintain stormwater projects that will improve the quality and quantity of surface waters in Belmont by treating and recharging stormwater from existing impervious surfaces that is now discharged to said waters with inadequate treatment or recharge. The amount of any required contribution to the fund shall be determined by the OCD pursuant to standards established in the Regulations adopted pursuant to this By-Law (**Section 34.6.3.3**).

The following fees are minimums and do not include payments that may be required under sections 34.4.2 and 34.6.3.3:

Sanitary Sewer or Storm Drain Permit	\$100.00
Stormwater Management and Erosion Control – (1 and 2 family)	\$300.00
Stormwater Management and Erosion Control – (other commercial)	\$500.00

*fees include review and approval and site inspections