



Stormwater Management Plan Submission Requirements

Note, due to the varying requirements for each receiving system, it is best to review your project with the Stormwater Manager prior to submission of your project to the City of Burlington.

- General Information
 - Project Address
 - Owner
 - Engineer
 - Brief project description
 - Receiving system identification
 - Combined Sewer (Main, North or East Plant)
 - Separate Storm (Lake, Winooski, Englesby, Centennial, Wetland, unnamed tributary)
- Existing conditions: description of existing conditions, description of existing stormwater system existing drainage issues, connectivity to City system [See Attached Narrative](#)
- Proposed Conditions: description of proposed conditions, brief description of proposed stormwater system, proposed method of discharge to receiving water or City system (overland flow, direct connection via pipe, existing or new manhole or CB) [See Attached Narrative](#)
- Stormwater Management Plan

- Impervious change summary

Lot B Lot C Total

Condition	Type	Total Impervious (s.f.)		Effective Impervious ¹ (s.f)
Existing Conditions	Existing Impervious	79,891	6,602 = 85,493	All
Proposed	Total Proposed (1+2+3)	80,878	9,043 = 89,921	All
	1) New ²	7,972	5,349 = 13,321	All
	2) Existing to Remain	67,972	755 = 68,003	All
	3) Redeveloped	5,658	2,939 = 8,597	All
Net New	Total Proposed – Existing	1,987	2,441 = 4,428	All

Lot A Reduction of Impervious Surfaces = 12,367 None

- Stormwater Management Summary (indicate method and what amounts of impervious are being addressed for each standard)

Standard	Amount of impervious managed	
	Net New impervious	Redeveloped/Existing impervious
Water Quality/Grit Removal	4,428	8,597
Runoff Reduction		-12,367
Q1 peak control/reduction	Peak Flow Waiver to Lake	Peak Flow Waiver to Lake
Q10 peak control/reduction	Peak Flow Waiver to Lake	Peak Flow Waiver to Lake
Other		

¹ The area of impervious that generates runoff that would reach the collection system or an adjacent property boundary (without proposed stormwater management); may be via pipe connection or via sheet flow to roadway/curb/gutter or adjacent property.

² Impervious where there is not currently impervious

- Management Methods
 - Water Quality/Grit/Other [At existing or proposed catch basins](#)
 - Runoff Reduction (infiltration, evapotranspiration processes) [Disconnection, Infiltration](#)
 - Detention [Peak Flow Waiver with location adjacent to Lake Champlain.](#)
 - Other
- Calculations/Model Results [Net reduction in total impervious area](#)
 - Water Quality volume calculations
 - Other calculations as appropriate
 - PDFs of appropriate model results
- Required Plans
 - Existing conditions [Attached Sheets C1.0, C1.1, C1.2](#)
 - Proposed conditions [Attached Sheets C21, C2.2, C2.3, SW-1](#)
 - Stormwater Details [Attached Sheets C4.2, C6.0, C6.1](#)
- Stormwater Operation and Maintenance Plan
 - Simplified Plan showing the locations of all features of the stormwater system (manholes, tanks, rain gardens, catch basins, grit chambers, sand filters etc.) and assigning a unique identifier to each [Attached Sheet SW-1](#)
 - Inspection Form/Table indicating [Attached Sheet SW-1](#)
 - Frequency of inspection for each feature
 - What specifically needs to be inspected (plants, depth of grit, drain time)
 - Maintenance triggers (> 50% of sump depth, infiltration not draining in 24 (48) hours etc)
- Confirmation that any covered parking/parking garage drainage is connected to an Oil/Grit separator and discharges to the sanitary sewer [Not Applicable](#)