



# 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
- 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)
- Stormwater Management Plan
  - Impervious change summary

| Condition           | Type                      | Total Impervious (s.f.) | Effective Impervious <sup>1</sup> (s.f) |
|---------------------|---------------------------|-------------------------|---|
| Existing Conditions | Existing Impervious       |                         |   |
| Proposed            | Total Proposed (1+2+3)    |                         |   |
|                     | 1) New <sup>2</sup>       |                         |   |
|                     | 2) Existing to Remain     |                         |   |
|                     | 3) Redeveloped            |                         |   |
| Net New             | Total Proposed – Existing |                         |   |

- 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 |                              |                                 |
| Runoff Reduction           |                              |                                 |
| Q1 peak control/reduction  |                              |                                 |
| Q10 peak control/reduction |                              |                                 |
| Other                      |                              |                                 |

<sup>1</sup> 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.

<sup>2</sup> Impervious where there is not currently impervious

- Management Methods
  - Water Quality/Grit/Other
  - Runoff Reduction (infiltration, evapotranspiration processes)
  - Detention
  - Other
- Calculations/Model Results
  - Water Quality volume calculations
  - Other calculations as appropriate
  - PDFs of appropriate model results
- Required Plans
  - Existing conditions
  - Proposed conditions
  - Stormwater Details
- 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
  - Inspection Form/Table indicating
    - 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