CITY OF WATERLOO’S STORMWATER CREDIT PROGRAM
BEST MANAGEMENT PRACTICES MANUAL

The City of Waterloo recognizes the following Best Management Practices (BMP) as stormwater controls that can be eligible for a stormwater credit. The BMP’s will only be considered for a credit if the control is working efficiently. Listed below are the requirements for a properly working stormwater control.

RESIDENTIAL BMPS

Rain Barrel/Cistern
1. It must hold a minimum of 200 litres/52 gallons
2. The barrel should be properly positioned on a flat surface to prevent tipping
3. The cover and barrel cannot be cracked, leaked, broken, etc.
4. There must be a screen covering the entrance of the barrel to prevent debris, mosquitos, and other bugs from entering
5. The elbow of the eaves trough must be attached properly at the right angle so that water is flowing into the barrel
6. The overflow spout should not be draining to an impervious surface (sidewalk, driveway, other pavement)
7. The barrel or cistern should be disconnected for the winter months and any parts that cannot withstand temperatures should be put away in storage

Tree
1. The Diameter Breast Height (DBH) for all the trees on your property must total ≥ 100cm

Permeable Pavement
1. The pavement should have no cracks, ponding, or sediment on the surface

Infiltration Gallery
1. There should be nothing blocking the flow into the pit or chamber (eg. debris)

SWM Pond
1. The pond should have no blockage, debris, or sediment in the inlets and outlets
2. Water levels should not be too high or too low and the water should display a normal colour
3. Pond vegetation should be healthy
4. There should be no evidence of erosion

NON RESIDENTIAL / MULTI RESIDENTIAL BMPS QUANTITY

SWM Pond (See Residential section)

Rooftop Storage/Parking Storage
1. Outlets should show no sign of blockage

Underground Storage
1. The inlets and outlets should show no signs of blockage and should be in good condition

Cistern (See Residential section)
Green Roof
1. Vegetation is healthy and clear of debris
2. The green roof must have access routes for maintenance
3. The outlets should be clear of blockage
4. There should be a stone barrier around the outside perimeter of the roof

NON RESIDENTIAL / MULTI RESIDENTIAL BMPS QUALITY

Oil/Grit Separator
1. The inlets and outlets should show no signs of blockage
2. Sediment depth should be at an acceptable level
3. There should be no evidence of erosion or oily shear

SWM Pond (See Residential section)

Vegetated Filter Strip/Bio swale
1. Vegetation must be healthy
2. There should be no signs of standing water
3. If there any accessories that act as pre-treatment, they should be cleaned regularly

Paved Area Sweeping Program
1. The program must meet the City’s criteria found in the By-law
2. The area must be swept a minimum of three times a year

Salt Management Plan
1. The plan must be certified through the “Smart about Salt” program or have a plan approved by a “Smart about Salt” contractor.