

SS	
NC	Credit 6.2
CS	Credit 6.2

## STORMWATER DESIGN: QUALITY CONTROL

	NC	CS
Credit	SS Credit 6.2	SS Credit 6.2
Points	1 point	1 point

### INTENT

To limit disruption and pollution of natural water flows by managing stormwater runoff.

### REQUIREMENTS: NC & CS

Implement a stormwater management plan that reduces impervious cover, promotes infiltration and captures and treats the stormwater runoff from 90% of the average annual rainfall using acceptable best management practices (BMPs). BMPs used to treat runoff must be capable of removing 80% of the average annual post-development total suspended solids (TSS) load. BMPs are considered to meet these criteria if they are designed in accordance with standards and specifications from a provincial, territorial, or local program that has adopted these performance standards.

Implement a management plan to minimize pollution and eutrophication of waterways from excess nutrient pollutants such as nitrogen and phosphorus, often found in cleaning agents and fertilizers.

### POTENTIAL TECHNOLOGIES & STRATEGIES

Use alternative surfaces (e.g., vegetated roofs, pervious pavement, grid pavers) and non-structural techniques (e.g., rain gardens, vegetated swales, disconnection of imperviousness, rainwater recycling) to reduce imperviousness and promote infiltration and thereby reduce pollutant loadings.

Use sustainable design strategies (e.g., low-impact development, environmentally sensitive design) to create integrated natural and mechanical treatment systems such as constructed wetlands, vegetated filters and open channels to treat stormwater runoff.