

Advanced LID Design: Bioretention Facilities Workshop

October 25, 2018

CCIW Office, 867 Lakeshore Rd, Burlington, ON

8:30 am – 4:30 pm

Time	ITEM
8:30 – 8:45 am	Registration
8:45 am – 9:00 am	Welcome, Introductions and Opening Remarks
9:00 am – 10:00 am	Site Assessment and Planning <ul style="list-style-type: none"> • Regulatory drivers • Site surveying • Tie in to the LID TTT
10:00 am – 11:00 am	Sizing for volume control <ul style="list-style-type: none"> • Components in bioretention • Void ratios
11:00 am – 12:00 pm	Inlets and Pretreatment <ul style="list-style-type: none"> • With O & M in mind • Sizing for flow targets
12:00 pm – 1:00 pm	<i>LUNCH & NETWORKING BREAK</i>
1:00 pm – 2:00 pm	Granular materials and planting <ul style="list-style-type: none"> • Bioretention media and flow control • Mulch • Aggregates
2:00 pm – 3:00 pm	Underdrains and Overflows <ul style="list-style-type: none"> • Design options • Flow control
3:00 pm – 3:30 pm	Iterating design <ul style="list-style-type: none"> • Tie in to LID TTT
3:30 pm – 4:00 pm	Preparing for construction <ul style="list-style-type: none"> • Documentation
4:00 pm – 4:15 pm	Q & A/ Discussion/ Feedback
4:15 pm – 4:30 pm	<i>ADJOURN; HAND IN/OUT COURSE EVALUATIONS/CERTIFICATES</i>

This day builds on a case study from one working session to the next. We will present design options and then perform example calculations manually.

Participants are encouraged to bring their own scale and a calculator if these are a normal part of their working apparatus.