

CLI-ECA Stormwater Applicant Post Construction Verification Checklist

This checklist will help to verify that Part 5 of the stormwater management systems alteration (addition, modification, replacement or extension) conforms to all the conditions of the City's MECP Consolidated Linear Infrastructure (CLI) ECA review and approval process.

This checklist and applicable supporting documentation shall be provided to WSReg_Approval@waterloo.ca within 30 days of receiving the Certificate of Substantial Performance or the Start of Maintenance letter. Submission is also required upon completion of a Capital Project or when requesting Final Assumption.

Inspection Type (select one that applies):

Capital Projects

☐ Substantial Performance

☐ Final Completion

Development Projects

☐ Start of Maintenance

☐ Assumption

Note: If you check "N/A" in any section, supporting references or comments are required.

CLI-ECA Application #	
Project Name	
Contract#	
Project address	
Applicant	
City of Waterloo Planning / Engineering contact information	

Supporting Documents

All new storm sewers, associated appurtenances and facilities shall be inspected to confirm construction as per the approved CLI-ECA application, including alignment and to ensure is free from obstructions, debris, and defects.

Confirmation on the following items:	Included	Reference/Justification
Conforms to the MECP's Design Criteria/Design Guidelines and the City of Waterloo standards/guidelines – whichever is more stringent	Select	
As-recorded drawings signed, stamped and dated by a Licensed Engineer Practitioner	Select	

Inspection and testing records per MECP Design Criteria 8, including but not limited to:

Submission of the following items:	Included	Reference/Justification
• ESC inspection records completed during infrastructure installation per ECA Schedule D, 3.10 and 3.11	Select	
CCTV, Zoom, Sonar, and/or Laser inspection videos and reports, as applicable, per MECP	Select	

Design Criteria 8.2.3 to 8.2.7 (including deficiency list)		
Deflection Testing reports, as applicable, per MECP Design Criteria 8.1.5	Select	

Documents and Records

Submission of the following items:	Included	Reference/Justification
Correction of deficiencies report and associated CCTV records and videos	Select	
CCTV assumption report completed by City's Engineer	Select	
Water Quality Monitoring Report including water quality sampling and monitoring records per ECA Schedule D and MECP Testing and Monitoring Guidelines	Select	
Capital Projects: - City's Certificate of Substantial Performance - City's Certificate of Final Completion	Select	
Development Projects: - City's Start of Maintenance letter - City's Final Assumption letter	Select	
Inspection forms as applicable: SWM Pond (form SAA-F12), OGS (form SAA-F11), LID (form SAA-10)	Select	
Any Additional Requirements as Requested by the City from Pre- Construction Application	Select	

Stormwater Management Facilities: Low Impact Development (LID) Testing¹

Submission of the following items:	Included	Reference/Justification
Soil characterization testing	Select	
Sediment accumulation testing	Select	
Surface infiltration rate testing	Select	
Natural or simulated storm event testing	Select	
Continuous monitoring	Select	
Final design specifications relating to the soil component or product specifications from the media supplier	Select	

Stormwater Management Facilities: Stormwater Management (SWM) Pond:

Submission of the following items:	Included	Reference/Justification
Cleaned out certification: At least one (1) pond clean out (i.e., dredging and disposal of excess sediment)	Select	
At least one (1) bathymetric survey	Select	

As-recorded drawings must include topographic survey information. Refer to the City's CELM² for additional drawings specifications and requirements	Select	
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Submission of the following items:	Included	Reference/Justification
SWM Facility Operations & Maintenance Manuals, per CLI-ECA Schedule E	Select	

¹ Sustainable Technologies Evaluation Program: LID Stormwater Management Practice Inspection and Maintenance Guide - Section 8.

² City of Waterloo Comprehensive Engineering and Landscape Manual.

APPLICANT ACKNOWLEDGEMENT AND AUTHORIZATION

Name:

Title:

Company:

PEO License #:

Signature:

Date: Click or tap to enter a date.