

CLI-ECA Presentation Education Series

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CLI-ECA Introduction

- CLI-ECA is the province of Ontario's new Municipal Consolidated Linear Infrastructure Environmental Compliance Approval program:
 - There is one CLI-ECA for each of City's sanitary system and storm system:
 - Sanitary CLI-ECA 008-S701 Issue 3: January 27, 2026
 - Storm CLI-ECA 008-W601 Issue 2: December 10, 2025
- **These are living documents and on City's request they can be modified.**
- **Compliance Date for both CLI-ECA has now be reset to December 31, 2026**
- CLI-ECA program would not normally apply to municipal sewage treatment plants, industrial and commercial sewage collection facilities or stormwater systems



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CLI-ECA Introduction

- CLI-ECAs are issued to municipalities. Each CLI-ECA is structured as follows:
 - Schedule A – System Information
 - Schedule B – Municipal Stormwater Management or Sanitary System Description
 - Schedule C – List of Notices of Amendment to this ECA: Additional Approved Works
 - Schedule D – General Conditions
 - Schedule E – Operating Conditions
 - Schedule F – Residue Management
 - Appendix A – Stormwater Management Criteria (SWM only)
- **We recommend that you familiarize yourself with both CLI-ECAs**

CLI-ECA Introduction

- CLI-ECAs include conditions that authorize municipalities and prescribed persons (such as developers) to make changes to the 'Authorized System' when requirements are met.
- A significant benefit is that low-risk sewage and stormwater projects may proceed without requiring individual approval from the Ministry of Environment, Conservation and Parks (MECP) = Processing efficiency.
- **With this processing efficiency, there are new administrative processes, such as inspections, that must be followed, including sign offs by the design consultant (Section 3), the City PM (Section 4) and inspection of implemented works (Section 5), also completed by the City PM (or a City inspector in the case of Development project).**
- Because the CLI-ECAs have been issued, they are in full force and effect – i.e. no longer require individual ECAs for most low-risk municipal sewage works.

City of Ottawa CLI-ECA – Webpage

- One of the primary recommendations of the City's Implementation Plan is the development of a City of Ottawa CLI-ECA Information Webpage (**In Progress**)
- **The Webpage is intended be a centralized repository of information pertaining to the CLI-ECA program**
- Webpage highlights will include, but are not limited to:
 - Links to the City's two CLI-ECAs
 - Applicable design criteria – i.e. MECP Design Criteria for Sanitary Sewers, Storm Sewers, and Forcemain for Alterations Authorized under an Environmental Compliance Approval v.2.0, May 31, 2023.

City of Ottawa CLI-ECA - Webpage

- Summary of what can be approved under the CLI-ECA, and what cannot be approved
- Links to all new MECP CLI-ECA forms with brief explanations
- Submission Details
- Source Water Protection (these areas can currently be found through City or Provincial mapping):

• Wellhead Protection Areas	• Surface Water Intake Protection Zones
• Highly Vulnerable Aquifers	• Significant Groundwater Recharge Areas

City of Ottawa CLI-ECA Requirements

- As part of the new CLI-ECA process, there are some requirements that need to be considered. The following are a few examples:
- The CLI-ECAs require the preparation of Operations and Maintenance Manuals for all new Alterations (excluding pipe works)
- There are new mandatory Erosion and Sediment Control inspections **at specified events** required following certain events and for larger sanitary sewers
- There are mandatory requirements to ensure that new storm sewers or ditches are not operated until the Stormwater Management Facilities required to service the new storm sewers or ditches are in operation

CLI-ECA SWM Forms

- MECP requires that new CLI-ECA SWM forms be completed and maintained as records:
 - SW1 – Storm Sewers, ditches and culverts
 - SW2 – SWMF – ponds, Oil Grit Separators, Low Impact Developments
 - SW3 – Third pipe collection systems
 - **There are many conditions for each form. We recommend that you review them.**

CLI-ECA Sanitary Forms

- MECP requires that new Sanitary CLI-ECA forms be completed and maintained as records:
 - SS1 – Separate sewers, nominally separate sewers and FMs
 - CS2 – Combined Sewers, partially separated, CSS tanks and storage structures
 - SS2 – Collection system components
 - A1 – Condition 7 – Equipment with emissions to the air
- **There are many conditions listed for each form. We recommend that you review them**

CLI-ECA Director Notification Form

- MECP requires submission of Director Notification Form (DN):
 - Within 30 calendars of placing into service or Completion of any Alteration of the Authorized System (done by the 'Owner') for certain works as described in Schedule B or through a Schedule C Notice
 - Within 90 calendar days of discovery of works not previously described or depicted (done by the 'Owner')
 - GIS Records must be updated for each Alteration within 12 months
- **There will need to be good communication between the constructor of the facility and the City to ensure this occurs**
- **DNs are not required for like-for-like maintenance or repairs**

CLI-ECA Process

- All development applications or capital projects with sanitary or stormwater works either require a CLI-ECA approval, or a separate ECA, unless the project is exempt as per the Ontario Water Resources Act or O. Reg. 525/98.
- If the works will be owned by the City and meet pre-approval criteria, they can proceed under the CLI-ECA program
- If the municipal works proposed do not meet the preapproval criteria, they must be approved by the MECP (Schedule C Notice) via a Direct Submission process

CLI-ECA Process

- To conform with the CLI-ECA, the consultant (design engineer) must:
 - Complete Parts 1 and 2,
 - Attach relevant documents then sign Part 3 on the applicable forms
- Authorized person from the City (currently the same people that sign letter of recommendation under the ToR in DR and **PM's in DC**) signs Part 4
- Parts 3 and 4 must be signed before any construction of sewage works can begin. **A CWN or CWO cannot be issued until all forms are complete**
- For Schedule C (direct submission) works, construction of sewage works cannot begin until an ECA is received from the MECP. **A CWN or CWO will not be issued until MECP approval is received**

CLI-ECA Process

- For Design and Construction, either Julie Lyons or Randy Dempsey will create a project specific folder for the file in our CLI-ECA SharePoint folder and place all project information for the project in that folder for central filing.
- Consultant or contractor prepares, and contractor installs Erosion and Sediment Control (ESC) Plan as per 3.10 schedule D and maintains records as per 3.11 schedule D
- The CLI –ECA forms (SW, SS, CS and A) require Part 5 to be signed by a City representative (in the case of DC, it will be the Project Manager) and filed as per above. Note that the City PM will require appropriate information/documentation so that they are able to sign Part 5 of the form.
- For SWM facilities specifically described in schedule B, project manager completes a DN form within thirty (30) calendar days of placing into service or completion.

CLI-ECA Noteworthy Elements

- ESC must be inspected at:

Specified Frequencies	Dry weather Periods
Significant Storms (>25mm in 24hrs)	Significant Snowmelt and Extreme Weather events

- ESC deficiencies must be addressed and specific records maintained
- Manufactured Treatment Device (MTD) such as OGS must meet specified requirements (Sch. D)
- The City's GIS map must be updated within 12 months of an Alteration being placed in service or within 12 months of a Schedule C
- OWRA 53(6) exceptions for maintenance/repairs
- Records and maps must be maintained and available for MECP audit

CLI-ECA Noteworthy Elements

- Where treaty rights exist or are asserted, an Alteration is not pre-authorized
- SWM Alterations must:
 - Not Establish a new outlet or increase discharge to private property without written consent
 - Not Pose threats to drinking water
 - Not Result in direct discharge points to a receiver
- Sanitary Alterations must:
 - Not Exceed the hydraulic capacity of the system, Wastewater Treatment Plant (WTP) reserve capacity or downstream capacity

CLI-ECA Noteworthy Elements

- Not Exceed the hydraulic capacity of the system, WTP reserve capacity or downstream capacity
- Not Increase overflows or create adverse effects
- Not Increase WTP bypasses (volume or frequency)
- Not Increase odorous compounds or sulfides
- Not Pose a Significant Drinking Water Threat

CLI-ECA Noteworthy Elements

Finally, the **major takeaway** is that once our CLI-ECA process is fully developed there is a significant amount of documentation that will need to be provided to or developed by the City to ensure that we meet the monitoring and reporting requirements of the CLI-ECA.

CLI-ECA Questions

- To maintain corporate consistency, please provide any questions you may have to Charles Warnock at charles.warnock@ottawa.ca
- Charles will respond or when needed, send questions to the MECP
- Responses will be posted in the SharePoint Repository, and internal stakeholders will be notified
- Charles will update Process Guides and other documents as needed and post them in the SharePoint Repository, and internal stakeholders will be notified

Questions

Follow-up questions, please contact Randy Dempsey,
Randy.Dempsey@ottawa.ca or for specific technical questions
Charles Warnock, Charles.Warnock@ottawa.ca

