

Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) Submission Checklist

Overview

The City of Peterborough has been approved by the Ministry of the Environment Climate Change and Parks (MECP) to receive, approve, and issue Environmental Compliance Approvals that are preauthorized by the MECP. These preauthorized works include most alterations to the City's municipal sewage collection system and stormwater management system. As such, Development projects are no longer required to submit individual pipe-by-pipe MECP applications when working in the City of Peterborough provided, they:

- Are designed and built following MECP Design Criteria
- Will eventually be owned and operated by the City of Peterborough upon assumption.
- Meet requirements set out by the CLI-ECA document.
- Satisfy all other provisional and municipal standards and specifications.

Projects that do not meet the above noted criteria may still proceed however those projects may require a direct submission to the MECP to be included in the CLI-ECA as a Schedule C Amendment.

Submission Requirements

Completed applications must be digitally submitted to Development Engineering Services addressed to the reviewer processing the engineering submissions for the proposed development.

Completed applications must include the following:

- General Information Form
- Completed CLI-ECA Application Forms
- Application fees
- Complete Engineering Drawings where sewer sizing and maintenance hole spacing have been accepted by the City
- Complete Stormwater Management Facility Design Drawings where salient aspects of the SWM Facility has been accepted by the Cit.
- Complete and Final Engineering Reports
- Any other required supporting documentation

General Information Form:

Applicant Name (Owner):	
Company Name:	
Address:	
Postal Code:	
City/Province:	
Phone:	
Email:	
Project Name:	
Project Address/Legal Description:	
Project Information (subdivision number, plan number, description, facility ID's etc.)	
Consultant Name:	
Consultant Address:	
Consultant Contact:	
Consultant Email:	

CLI-ECA Application Form Submission Checklist

Form SS1: Record of Future Alterations Authorized for Separate Sewers/Nominally Separate Sewers/ Force mains

- ☐ Yes ☐ N/A ECA #145-W601 has been referenced on form.
- ☐ Yes ☐ N/A Part 2: Project description has been filled out.
- ☐ Yes ☐ N/A An attachment including plan and profile drawings of finalized sanitary sewer works and all related information including street names, locations, easements, discharge points, materials, slopes, diameters etc. has been provided within application package.
- ☐ Yes ☐ N/A Part 3: Verification by Licensed Engineer has been reviewed, all items have been satisfied and the form has been signed by a Licensed Professional Engineer who is licensed to practice in the Province of Ontario. Including name, PEO License Number, Signature, and date.
- ☐ Yes ☐ N/A The proposed works are wholly located within the City of Peterborough.
- ☐ Yes ☐ N/A Part 4: Verification by Owner items 1 and 2 have been reviewed and confirmed by the applicant.
- ☐ Yes ☐ N/A The applicant has completed the City of Peterborough's Significant Drinking water Threat assessment procedure and provided that information within their reports. Any required mitigation measures have been outlined within the provided table.
- ☐ Yes ☐ N/A The application fee for the amount of \$2,000.00 has been provided to the

City. Form SW1: Record of Future Alterations Authorized for Storm Sewers/Ditches/Culverts

- ☐ Yes ☐ N/A ECA #145-S701 has been referenced on form.
- ☐ Yes ☐ N/A Part 2: Project description has been filled out.
- ☐ Yes ☐ N/A An attachment including plan and profile drawings of finalized storm sewer works and all related information including street names, locations, easements, discharge points, materials, slopes, diameters etc. has been provided.
- ☐ Yes ☐ N/A Part 3: Verification by Licensed Engineer has been reviewed, all items have been satisfied and the form has been signed by a Licensed Professional Engineer who is licensed to practice in the Province of Ontario. Including name, PEO License Number, Signature, and date.
- ☐ Yes ☐ N/A Any alteration by adding, modifying, replacing, or extending storm sewers, ditches and culverts will not result in adverse effects or deterioration on the

approved quantity of downstream stormwater management facilities which results in not being able to achieve the overall stormwater performance criteria per Appendix A of the City of Peterborough's CLI-ECA.

☐ Yes ☐ N/A

The alteration does not establish or alter any outlets that discharge to land not owned by the City of Peterborough.

☐ Yes ☐ N/A

Any works that fall under the Drainage Act has obtained approval of a petition for the works under the Drainage Act.

☐ Yes ☐ N/A

The storm sewer, ditch or culvert alterations will not adversely affect the municipal stormwater management system's ability to maintain a gravity flow without overflowing or increasing surcharging any maintenance holes as per design, or provide smooth flow transition to existing gravity storm sewers.

☐ Yes ☐ N/A

The proposed works are wholly located within the City of Peterborough.

☐ Yes ☐ N/A

The application fee for the amount of \$2,000.00 has been provided to the city.

Form SW2: Record of Future Alterations Authorized for Stormwater Management Facilities

☐ Yes ☐ N/A

ECA #145-S701 has been referenced on form.

☐ Yes ☐ N/A

Part 2: Project description has been filled out.

☐ Yes ☐ N/A

An attachment including plan and profile drawings of finalized storm sewer works and all related information including street names, locations, easements, discharge points, materials, slopes, diameters etc. has been provided.

☐ Yes ☐ N/A

Part 3: Verification by Licensed Engineer has been reviewed, all items have been satisfied and the form has been signed by a Licensed Professional Engineer who is licensed to practice in the Province of Ontario. Including name, PEO License Number, Signature, and date.

☐ Yes ☐ N/A

The footnote definitions included in Appendix A of the City's CLI-ECA #145-S701 have been reviewed by the signing engineer and applied accordingly to the design. The *control* hierarchy has been followed to the *maximum extent possible* as defined within this section.

☐ Yes ☐ N/A

Any alteration by adding, modifying, replacing, or extending stormwater management facilities will not result in adverse effects or deterioration on the approved quantity of downstream stormwater management facilities which results in not being able to achieve the overall stormwater performance criteria per Appendix A of the City of Peterborough's CLI-ECA.

☐ Yes ☐ N/A

The alteration does not establish or alter any outlets that discharge to land not owned by the City of Peterborough.

☐ Yes ☐ N/A

Any works that fall under the Drainage Act has obtained approval of a petition for the works under the Drainage Act.

☐ Yes ☐ N/A The applicant has completed the City of Peterborough's Significant Drinking water Threat assessment procedure and provided that information within their reports. Any required mitigation measures have been outlined within the provided table.

☐ Yes ☐ N/A The proposed works are wholly located within the municipal boundary.

☐ Yes ☐ N/A The application fee for the amount of \$6,5000.00 has been provided to the city.

Form SW3: Record of Future Alterations Authorized for Storm Sewers/Ditches/Culverts

☐ Yes ☐ N/A ECA #145-S701 has been referenced on form.

☐ Yes ☐ N/A Part 2: Project description has been filled out.

☐ Yes ☐ N/A An attachment including plan and profile drawings of finalized storm sewer works and all related information including street names, locations, easements, discharge points, materials, slopes, diameters etc. has been provided.

☐ Yes ☐ N/A Part 3: Verification by Licensed Engineer has been reviewed, all items have been satisfied and the form has been signed by a Licensed Professional Engineer who is licensed to practice in the Province of Ontario. Including name, PEO License Number, Signature, and date.

☐ Yes ☐ N/A The application fee for the amount of \$2,000.00 has been provided to the City.

Supporting Documentation

All submissions shall include the following supporting documentation:

- ☐ Title page with key plan, legal plan, site plan, grading plan and general plans.
- ☐ Final Stamped Engineering Plans including typical sections, plan profiles, drainage area plans erosion and sediment control plans, grading plans etc.
- ☐ Detailed technical specifications and shop drawings if not shown on drawings.
- ☐ Pipe data forms and all supporting documentation.
- ☐ Source protection supplementary documentation including mitigation measures as required. Completed City of Peterborough Source protection table as required.
- ☐ Construction operations and maintenance plan outlining the procedures for maintaining the site and installed infrastructure leading up to assumption.
- ☐ Overall lifetime operations and maintenance manual. Which includes maintenance staging plans, estimated sediment loading rates and dredging frequencies.
- ☐ Pipe data forms and all supporting documentation

- ☐ Yes ☐ N/A Confirmation of Environmental Assessment Act requirements.
- ☐ Proof of consultation and clearance from Otonabee Region Conservation Authority (as required)
- ☐ Proof of consultation and clearance from Indigenous Communities about the proposed works.
- ☐ Yes ☐ N/A Confirmation that public consultation has been completed
- ☐ List and rational of each design criteria exception as it relates to the City's Engineering and Design Standards

Sewage Collection System Alteration specific supporting documentation requirements:

- ☐ Sanitary Sewer design report, design sheets and drainage area plans
- ☐ Sanitary sewer design sheet excel file and/or appropriate modelling files as required.
- ☐ Yes ☐ N/A Sewage pumping station design report including:
- a description of each component
 - number and type of pumps
 - individual and combined capacities
 - standby power
 - hydraulic calculations
 - bypass and overflow details
 - inspection and testing plans
 - Evidence of adequate capacity
 - Contingency plans for possible overflows (as applicable)
- ☐ List and rational of design criteria exceptions as defined in the City of Peterborough's CLI-ECA for Municipal Sewage Collection System #145-W601 (as required)

Stormwater Management System Alteration specific supporting documentation requirements:

- ☐ Stormwater Management plans and design reports
- ☐ Stormwater sewer design report, design sheets and drainage area plans.
- ☐ Storm sewer design excel sheet.
- ☐ Yes ☐ N/A Stormwater Pumping Station Design report including:
- a description of each component
 - number and type of pumps
 - individual and combined capacities
 - standby power
 - hydraulic calculations
 - bypass and overflow details

- inspection and testing plans
- Evidence of adequate capacity
- Contingency plans for possible overflows (as applicable)

- ☐ Yes ☐ N/A Oil and Grit separator serial numbers, manufactures specifications and design calculations.
- ☐ Yes ☐ N/A Low impact development design brief and reports including calculations, staging plans for construction, operations and maintenance manuals, monitoring plans etc.
- ☐ Information related to each Stormwater Management Facility in a “Word” document format as per the provided SWM Facility template table.
- ☐ List and rational of design criteria exceptions as defined in Appendix A of the City’s CLI-ECA for a Municipal Stormwater Management System #145-S701 (as required).

Part 5 – Post Construction Verification by Owner for Inspection and Testing

- ☐ The applicant agrees that they will notify the City of Peterborough when the proposed works are completed and operational such that the City can conduct the Construction Verification by Owner section of the CLI-ECA forms.

Applicant Acknowledgement and Authorization

Applicant Name: _____

Signature of Applicant: _____

Date: _____