Ontario

Ministry of the Environment, Conservation and Parks

Ministère de l'Environnement, de la Protection de la nature et des Parcs

ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER A-500-5289666315
Version: 1.0
Issue Date: September 25, 2026

Pursuant to section 20.3 of the *Environmental Protection Act*, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

STONERISE CONSTRUCTION INC

18 BARREL YARDS BOULEVARD (BLVD) 5
WATERLOO ONTARIO
N2L 1T5

For the following site:

Barrel Yards
110 Erb Street West
City of Waterloo
Ontario, N2J 4K8

You have applied under section 20.2 of Part II.1 of the *Environmental Protection Act*, R.S.O. 1990, c. E. 19 (*Environmental Protection Act*) for approval of:

the discharge of groundwater generated during the dewatering process for construction at 110 Erb Street West in the City of Waterloo, with a maximum discharge rate of 8,000,000 litres per day, to the municipal storm sewer system and ultimately to Laurel Creek.

All in accordance with the submitted supporting documents listed in **Schedule 1.**

DEFINITIONS

For the purpose of this environmental compliance approval, the following definitions apply:

1. "Approval" means this entire Environmental Compliance Approval and any Schedules attached to it;

2. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
3. "District Manager" means the District Manager of Guelph District Office, the appropriate local district office of the Ministry where the Works is geographically located;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
5. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
6. "Owner" means STONERISE CONSTRUCTION INC, including any successors and assignees;
7. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40;
8. "Single Sample Result" means the test result of a parameter in the effluent discharged on any day, as measured by a probe, analyzer or in a composite or grab sample, as required; and
9. "Works" means the approved sewage works.

TERMS AND CONDITIONS

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

1. **GENERAL PROVISIONS**
    1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
    2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.
    3. Where there is a conflict between a provision of any document referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.
2. **EXPIRY OF APPROVAL**
    1. The approval issued by this Approval expires on August 31, 2036. No water shall be discharged under the authority of this Approval after the expiry date.
3. **CHANGE OF OWNER**
    1. The Owner shall notify the District Manager and the Director, in writing, of any of the

following changes within thirty (30) days of the change occurring:

a. change of address of Owner;

b. change of Owner, including address of new owner;

c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c. B.17 shall be included in the notification; and

d. change of name of the corporation and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C.39 shall be included in the notification.

2. In the event of any change in ownership of the Works, the Owner shall notify the succeeding owner in writing, of the existence of this Approval, and forward a copy of the notice to the District Manager.

3. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

4. **EFFLUENT OBJECTIVES**

1. The Owner shall design and undertake everything practicable to operate Works in accordance with the effluent objectives outlined in the table included in **Schedule 2.**

2. The Owner shall use best efforts to ensure that the effluent from the Works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film or sheen or foam or discolouration on the receiving waters.

5. **COMPLIANCE LIMITS**

1. The Owner shall operate and maintain the Works such that compliance limits for the final effluent parameters listed in the table included in **Schedule 3** are met.

6. **MONITORING AND RECORDING**

1. The Owner shall, upon commencement of operation of the Works, carry out a scheduled monitoring program of collecting samples at the required sampling points, at the frequency specified or higher, by means of the specified sample type and analyzed for each parameter listed in the tables under the monitoring program included in **Schedule 4** and record all results, as follows:

a. all samples and measurements are to be taken at a time and in a location characteristic of the quality and quantity of the sewage stream over the time period being monitored.

b. definitions and preparation requirements for each sample type are included in

the document referenced in Paragraph 2.b.

c. definitions for frequency:

i. Weekly means once every week; and

ii. Monthly means once every month.

2. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
    1. The methods and protocols for sampling, analysis and recording shall conform to the methods and protocols specified in the Ministry's publication"Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the EPA, dated March 9, 2004;
    2. the Ministry's Procedure F-10-1, “Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended; and
    3. the Ministry's publication"Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended.
3. If the concentration of any parameter listed in the Effluent Monitoring Table in **Schedule 4** exceeds its trigger concentrations set out in the Trigger Concentrations Table of **Schedule 2** and is confirmed through re-sampling as per the monitoring program included in **Schedule 4,** pumping wells and on-site wells shall be sampled for that parameter to attempt to determine the source location and a **control plan** shall be submitted to the District Manager.
4. Discharge flow volume shall be measured daily either using an in-line totalizing flow-meter on the discharge line or using individual flow-meter on each in-use pumping well.
5. The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

7. **REPORTING**
    1. The Owner shall report to the District Manager orally as soon as possible any non-compliance with the compliance limits specified in Condition 5 and **Schedule C,** and in writing within seven (7) days of non-compliance.

2. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the EPA, the Owner shall, within fifteen (15) days of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.
3. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
4. The Owner shall prepare performance reports on a calendar year basis and submit to the District Manager in an electronic format by March 31 of the calendar year following the period being reported upon. The reports shall contain, but shall not be limited to, the following information pertaining to the reporting period:
    1. a summary and interpretation of all monitoring data and a comparison to the compliance limits outlined in Condition 5 and **Schedule 3,** including an overview of the success and adequacy of the Works;
    2. a description of any operating problems encountered and corrective actions taken;
    3. a description of efforts made and results achieved in meeting the effluent trigger concentrations of Condition 4 and **Schedule 2.**
    4. a summary of any complaints received during the reporting period and any steps taken to address the complaints; and
    5. any other information the District Manager requires from time to time.

REASONS

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 regarding general provisions is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted.
2. Condition 2 is included to ensure that the Works are constructed in a timely manner so that standards applicable at the time of Approval of the Works are still applicable at the time of construction, to ensure the ongoing protection of the environment.

3. Condition 3 regarding change of Owner is included to ensure that the Ministry records are kept accurate and current with respect to ownership of the Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 is imposed to establish non-enforceable effluent quality triggers concentrations, which are to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs and before the compliance limits of Condition 5 are exceeded.
5. Condition 5 is imposed to ensure that the effluent discharged from the Works to the Laurel Creek meets the Ministry's effluent quality requirements thus minimizing environmental impact on the receiver and to protect water quality, fish and other aquatic life in the receiving water body.
6. Condition 6 is included to enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the effluent limits specified in the Approval and that the Works does not cause any impairment to the receiving watercourse.
7. Condition 7 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in resolving any problems in a timely manner.

APPEAL PROVISIONS

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal, within 15 days after the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights*, 1993 who will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act*, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar* Ontario Land Tribunal 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5 OLT.Registrar@ontario.ca	and	The Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor	and	The Director appointed for the purposes of Part II.1 of the *Environmental Protection Act* Ministry of the Environment, Conservation and Parks 40 St. Clair Avenue West, 2nd

	Toronto, Ontario M7A 2J3	Floor Toronto, Ontario M4V 1M2

*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or Ontario Land Tribunal's**

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at Environmental Registry of Ontario, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act*.

Dated at Toronto this 25th day of September, 2026

Fariha Pannu.

Fariha Pannu

Director

appointed for the purposes of Part II.1 of the *Environmental Protection Act*

c: Louis Santelli, STONERISE CONSTRUCTION INC
Kemmy Hunter, Englobe Corp.

The following schedules are a part of this environmental compliance approval:

SCHEDULE 1

1. Application for Environmental Compliance Approval (ECA) dated May 24, 2024 and submitted by Louis Santelli, Vice President, Construction, STONERISE CONSTRUCTION INC for the proposed renewal of ECA Number 6965-AHCMKV (issued on January 24, 2017), including supporting documentation.

SCHEDULE 2

Effluent Trigger Concentration Table

Effluent Parameter	Averaging Calculator	Trigger Concentrations
Trichloroethylene (TCE)	Single Sample Result	10 µg/L*
Tetrachloroethylene (PCE)	Single Sample Result	25 µg/L
Toluene	Single Sample Result	0.4 µg/L
1,1,1-Trichloroethane	Single Sample Result	5 µg/L
Dichloroethane	Single Sample Result	50 µg/L
1,2-Dichloroethylene	Single Sample Result	100 µg/L
Chloroethylene (vinyl chloride)	Single Sample Result	300 µg/L

***Note:** µg/L means microgram per litre.

SCHEDULE 3

Compliance Limits Table

Effluent Parameter	Averaging Calculator	Compliance Limits
Trichloroethylene (TCE)	Single Sample Result	20 µg/L*
Tetrachloroethylene (PCE)	Single Sample Result	50 µg/L
Toluene	Single Sample Result	0.8 µg/L
1,1,1-Trichloroethane	Single Sample Result	10 µg/L
Dichloroethane	Single Sample Result	100 µg/L
1,2-Dichloroethylene	Single Sample Result	200 µg/L
Chloroethylene (vinyl chloride)	Single Sample Result	600 µg/L

***Note:** µg/L means microgram per litre.

SCHEDULE 4

Monitoring Program

Effluent Monitoring Table

Sample Location	At any discharging point prior to discharging into storm sewage system
Minimum Frequency	**Weekly** except in the following circumstances: a. If all concentrations of any one parameter listed in this table are less than 50% of the respective objective concentration, then the effluent monitoring frequency for this parameter shall be **Monthly.** b. For any parameter that is under monthly monitoring frequency, if at any time the concentration is greater than 50% of the respective objective concentration, re-sampling shall be done within a week. If the concentration is still greater than 50% of the respective objective concentration, then the effluent monitoring frequency shall be changed to **Weekly** thereafter; if the concentration is less than 50% of the respective objective concentration for two (2) consecutive weekly samples, the effluent monitoring frequency shall be continually **Monthly.**
Sample Type	Grab Sample
Sample Parameter	Trichloroethylene (TCE), Tetrachloroethylene (PCE), Toluene, 1,1,1-Trichloroethane, Dichloroethane, 1,2-Dichloroethylene, and Chloroethylene (vinyl chloride)