

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 2137-D8RGR6
Issue Date: March 10, 2025

Lactalis Canada Inc.
70 Dickinson Drive
South Stormont, Ontario
K0C 1M0

Site Location: 70 Dickinson Drive, Ingleside
Township of South Stormont
United Counties Of Stormont, Dundas & Glengarry
Ontario K0C 1M0

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:

alteration to, usage and operation of existing Works for the collection, transmission, treatment and disposal of non-contact cooling water and stormwater from a cheese production plant located at the above mentioned Site through a permeable rock filter dam and ditch system to Hoople Creek, and consisting of the following:

Proposed Works

stormwater management system serving proposed 1,300 square metre building addition and associated loading dock, granular surface marshalling and paved road areas, with a total area of 0.32 hectare, consisting of the following:

- five (5) flow restriction roof drains on the building addition, and rooftop retention/storage with a maximum water depth of 150 millimetres;
- two (2) enhanced grassed swales along north road for intercepting drainage from road and a total of approximately 0.4 hectare, each swale is 20 metre long with 1 metre flat bottom and perforated under drain; and
- one 68 metre long grassed swale along the granular surface marshalling area.

Existing Works

- one (1) open ditch system primarily for collection of stormwater run-off from the above mentioned Site open parking areas and open process areas through existing stormwater catchbasins, roof-top drainage collection systems, weeping tile drain from whey receiving area, and drainage of non-contact cooling water from the process equipment water return lines;
- one (1) sluice gate in the ditch system near to the discharge outlet of the non-contact cooling water to ensure complete isolation and containment in case it is needed for holding and further treatment purposes;
- one (1) permeable rock filter dam constructed approximately 1 meter in height within the 2 meter deep ditch cross-section, along with effluent diversion capability to ensure compliance with the effluent quality criteria specified in this Approval, located at the property discharge point approximately 440 meters away from the discharge location of the non-contact cooling water in the plant; and

including erosion/sedimentation control measures during construction and all other controls and appurtenances essential for the proper operation of the aforementioned Works.

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

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 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. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
6. "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;
7. "Operating Agency" means the Owner, or the person or entity that is authorized by the Owner for the management, operation, maintenance, or alteration of the Works in accordance with this Approval;
8. "Owner" means Lactalis Canada Inc., including any successors and assignees;

9. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40;
10. "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
11. "Works" means the Works described above and approved herein being defined in the OWRA as sewage works, and includes Proposed Works and Existing Works.

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

TERMS AND CONDITIONS

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.
4. The issuance of, and compliance with the conditions of this Approval does not:
 - a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement, including, but not limited to, the obligation to obtain approval from the local conservation authority necessary to construct or operate the Works; or
 - b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

2. CHANGE OF OWNER AND OPERATING AGENCY

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;

- 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. The Owner shall notify the District Manager, in writing, of any of the following changes within **thirty (30) days** of the change occurring:
 - a. change of address of the Operating Agency; and
 - b. change of the Operating Agency, including address of the new Operating Agency.
 3. 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.
 4. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

3. CONSTRUCTION OF PROPOSED WORKS

1. All Proposed Works in this Approval shall be constructed and installed and must commence operation within **five (5) years** of issuance of this Approval, after which time the Approval ceases to apply in respect of any portions of the Works not in operation.
2. Within **one (1) year** of completion of construction of the Proposed Works, a set of record drawings of the Works shall be prepared or updated. These drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be readily accessible for reference at the Works.

4. CHANGES IN PROCESSES OR PROCESS MATERIALS

1. The Owner shall give written notice to the District Manager of any plans to change the processes or process materials in the Owner's enterprise serviced by the Works where the change may significantly alter the quantity or quality of the influent to or effluent from the Works, and no such change(s) shall be made unless with the written concurrence or approval of the District Manager.

5. DESIGN OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Work in accordance with the following objectives:
 - a. the effluent objectives in the non-contact cooling water discharge conditions, as listed in the table included in **Schedule B**.
 - b. Final Effluent 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.

6. COMPLIANCE LIMITS

1. The Owner shall operate and maintain the Works such that compliance limits in the non-contact cooling water discharge conditions outlined in the table included in **Schedule C** are met.

7. OPERATION AND MAINTENANCE

1. The Owner shall ensure that, at all times, the Works and the related equipment and appurtenances used to achieve compliance with this Approval are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate staffing and training, including training in all procedures and other requirements of this Approval and the OWRA and relevant regulations made under the OWRA, process controls and alarms and the use of process chemicals and other substances used in the Works.
2. The Owner shall prepare/update the operations manual for the Works within **six (6) months** of completion of construction of the Proposed Works, that includes, but not necessarily limited to, the following information:
 - a. operating procedures for the Works under routine operation conditions;
 - b. inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary;
 - c. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
 - d. procedures for the inspection and calibration of monitoring equipment;
 - e. a spill prevention control and countermeasures plan, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the Spills Action Centre (SAC) and District Manager; and
 - f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
3. The Owner shall maintain an up to date operations manual and make the manual readily accessible for reference at the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.
4. The Owner shall through regular monitoring of the rock filter check dam area, ensure that no aquatic species are found in the ditch system upstream of the dam nearer to the point of non-contact cooling water discharge.

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 operation and maintenance activities required by this Approval.

8. 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 D and record all results, and shall also comply with the following:
 - a. all samples and measurements are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.
 - b. definitions and preparation requirements for each sample type are included in document referenced in Paragraph 2.a.
 - c. definitions for frequency:
 - i. Quarterly means once every three months, and there shall be an interval of at least forty-five (45) days between successive sampling days.
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:
 - a. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
 - b. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
 - c. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b, the written approval of the District Manager shall be obtained prior to sampling.
3. The Owner shall install and maintain a continuous flow measuring device, to measure the flow rate of the discharge from the Works with an accuracy to within plus or minus 15 per cent (+/- 15%) of the actual flow rate for the entire design range of the flow measuring device, and record the flow rate at a daily basis.
4. 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.

9. 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 6, 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:
 - a. summary and interpretation of all monitoring and analytical results obtained during the reporting period, including sampling/monitoring locations and dates;
 - b. a summary of all operating issues encountered and corrective actions taken;
 - c. a summary of all normal and emergency repairs and maintenance activities carried out on any major structure, equipment, apparatus or mechanism forming part of the Works;
 - d. a summary of any effluent quality assurance or control measures undertaken;
 - e. a summary of the calibration and maintenance carried out on all effluent monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
 - f. a description of efforts made and results achieved in meeting the Design Objectives - Condition 5;
 - g. a summary of any complaints received and any steps taken to address the complaints; and
 - h. any other information the District Manager requires from time to time.

Schedule A

1. Application for Environmental Compliance Approval dated July 19, 2023 and received on September 7, 2023 and submitted by Nicholas Coleman, Project Manager - Engineering, Lactalis Canada Inc. for the proposed modification and upgrades to existing stormwater management system, including design report, final plans and specifications.

Schedule B

Effluent Objectives

For the Effluent in the Non-contact Cooling Water Discharge Conditions

Effluent Parameter	Averaging Calculator	Concentration Objectives (maximum unless otherwise indicated)
Dissolved Oxygen	Single Sample Result	47 percent*
Total Suspended Solid	Single Sample Result	10.0 mg/L

Note*: percent saturation (warm water biota).

Schedule C

Effluent Compliance Limits

For the Effluent in the Non-contact Cooling Water Discharge Conditions

Effluent Parameter	Averaging Calculator	Compliance Limits (maximum unless otherwise indicated)
Temperature	Single Sample Result	T1 - T2* is less than 10 degrees Celsius
pH	Single Sample Result	6.0 to 9.0, inclusive

Note*: T1 is the temperature of the effluent measured at the sluice gate flume; T2 is the temperature of the effluent measured at the discharge outlet right after the rock filter.

Schedule D

Monitoring Plan

Table D-1 Non-contact Cooling Water Monitoring

Sample location	at the discharge outlet right after the rock filter
Minimum Frequency	Quarterly
Sample Type	Grab
Parameters	Dissolved Oxygen, and Total Suspended Solids

Table D-2 Non-contact Cooling Water Monitoring

Sample location	at the sluice gate flume and discharge outlet right after the rock filter
Minimum Frequency	Continuously throughout the year**
Sample Type	On-line
Parameters	Temperature

Table D-3 Non-contact Cooling Water Monitoring

Sample location	at the sluice gate flume
Minimum Frequency	Continuously throughout the year**
Sample Type	On-line
Parameters	pH

Note:** means continuously throughout the year, or in the case of failure or unavailability of an on-line temperature and pH meter, as soon as practicable, deployment of a (temporary) field instrument(s) with data logger(s) to provide continuous measurements of pH and temperature until such time that the dedicated device(s) are calibrated (if necessary) and otherwise once again deemed fully operational.

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 regarding change of Owner and Operating Agency is included to ensure that the Ministry records are kept accurate and current with respect to ownership and Operating Agency 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.
3. Condition 3 regarding construction of Proposed Works 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, and also ensure that the Works are constructed in accordance with the Approval and that record drawings of the Works "as constructed" are updated and maintained for future references.
4. Condition 4 is included to ensure that the Works is operated in accordance with the information submitted by the Owner relating to the process and materials which are served by the Works, and to ensure that any contemplated changes in them which could potentially affect the characteristics of effluent from the Works will be properly reviewed and approved.
5. Condition 5 regarding design objectives is imposed to establish non-enforceable design objectives to be used as a mechanism to trigger corrective action proactively and voluntarily before environmental impairment occurs.
6. Condition 6 regarding compliance limits is imposed to ensure that the Final Effluent discharged from the Works to the environment meets the Ministry's effluent quality requirements.
7. Condition 7 regarding operation and maintenance is included to require that the Works be properly operated, maintained, funded, staffed and equipped such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented. As well, the inclusion of a comprehensive operations manual governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the Owner. Such a manual is an integral part of the operation of the Works. Its compilation and use should assist the Owner in staff training, in proper plant operation and in identifying and planning for contingencies during possible abnormal conditions. The manual will also act as a benchmark for Ministry staff when reviewing the Owner's operation of the Works.
8. Condition 8 regarding monitoring and recording 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 design objectives and compliance limits.

9. Condition 9 regarding reporting 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 this Approval.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 9025-8WJKV6 issued on February 21, 2013.

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks 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:

- a. 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;
- b. 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 available 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
Toronto, Ontario
M7A 2J3

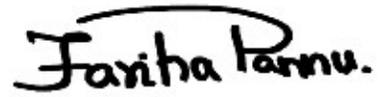
and

The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** 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 www.olt.gov.on.ca**

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 <https://ero.ontario.ca/>, 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 10th day of March, 2025



Fariha Pannu, P.Eng.

Director

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

NH/

- c: Area Manager, MECP Cornwall Area Office
- c: District Manager, MECP Ottawa District Office
- Jeff Brown, Cornerstone Builders Ltd.