

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5671-CXRLXG

Issue Date: February 7, 2024

Maple Lodge Farms Ltd.
8301 Winston Churchill Blvd
Brampton, Ontario
L6Y 0A2

Site Location: Maple Lodge Farms

City of Brampton, Regional Municipality of Peel

Main Plant

8301 Winston Churchill Boulevard (PIN 14090-0172) – FIRSTLY; PT LT 2 CON 6
WHS (CHINGUACOUSY), PTS 1, 2 PL 43R-16571 EXCEPT PTS 1, 5, 6, 7 PL
43R-38028 SECONDLY; PT LOT 2 CON 6 WHS (CHINGUACOUSY), PTS 2, 3, 4
PL 43R-31294 EXCEPT PTS 2, 3, 4, 8 TO 14 PL 43R-38028; S/T LIFE INTEREST
IN PR3288802; SUBJECT TO AN EASEMENT OVER PT 4 PL 43R-31294 AS IN
RO573070; CITY OF BRAMPTON

Retail Outlet

8175 Winston Churchill Boulevard (PIN 14090-0151) – PT LT 1 CON 6 WHS
(CHINGUACOUSY) AS IN RO883366 SAVE AND EXCEPT PT 2 PL 43R-24112;
BRAMPTON; S/T EASEMENT IN GROSS OVER PT 1 PL 43R-31895

Servicing Easement

'0' Winston Churchill Boulevard 'ALEXANDER FARM' (PIN 14090-0149) – PT LT 1
CON 6 WHS (CHINGUACOUSY) AS IN VS120545 EXCEPT PTS 13, 14, PL 43R-
671, PT 1 PL 43R-24112, PT 1 PL 43R-31865; BRAMPTON; S/T VS120545, IF
ANY

*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:*

usage and operation of existing private sewage treatment Works, for the treatment of poultry processing plant wastewater and domestic sanitary sewage from Maple Lodge Farms facilities including the Main Plant and the proposed Retail Outlet at an approved effluent discharge rate of 5,900 cubic metres per day, discharging to a tributary of Levi's Creek, which flows to the Credit River, consisting of the following:

Industrial Sewage Treatment Plant

Proposed Works:

Retail Outlet Pump Station:

- a 1.8 m diameter wet well type sewage pumping station located at the Retail

Outlet (8175 Winston Churchill Boulevard), equipped with two (2) submersible pumps (1 standby) with variable frequency drives, each rated at 6.1 L/s at a TDH of 12.2 m;

- a 100 mm diameter forcemain from the Retail Outlet Sewage Pumping Station at 8175 Winston Churchill Boulevard and located within a service easement and connecting to the existing sanitary forcemain at the Maple Lodge Main Plant at 8130 Winston Churchill Boulevard and discharging to the Industrial Sewage Treatment Plant;

Existing Works:

Preliminary Treatment System

- three (3) pre-treatment screens to retain coarse solids in wastewater;

Primary Treatment System

- three (3) dissolved air floatation units (DAF), with an effective filter area of 46.5 m² located in the DAF building, equipped with chemical flocculation process;

Secondary Treatment Systems

- a conventional sludge treatment unit consisting of one (1) activated sludge bermed aeration basin, with an approximate volume of 28,200 m³, equipped with surface aeration, providing approximately 4 days of residence time, and design to operate at a Mixed Liquor Volatile Suspended Solids (MLVSS) of approximately 2,000 mg/L;

Post-Secondary Treatment Systems

- one (1) secondary clarifier, 30.5 m in diameter, discharging into the polishing aerated lagoon and settling lagoon, and waste sludge pumped into an aerobic digester;
- one (1) polishing aerated lagoon (Lagoon #1) with an approximate volume of 18,800 m³, equipped with eight (8) surface aerators;
- one (1) settling lagoon (Lagoon #2), measuring 68 m by 61 m by 1.5 m deep, with a maximum surface settling rate of 1.65 m³/m²/day; and discharging into the equalization basin;
- two (2) flow equalization basins with a total storage volume of 105,600 m³ (at the operating water elevation of 28.353 m), connected in series, operating with a minimum freeboard of 0.6 m, discharging to the phosphorus removal process;

Additional Treatment Systems

- one (1) chemical dosing system including chemical, coagulation, flocculation to precipitate phosphorus;
- one (1) clarifier reactor discharging into the filtration process;
- four (4) continuously backwashed sand filters, each with a filter area of 9.29 m² operated in parallel;

Disinfection System

- two (2) ultraviolet (UV) disinfection system consisting of twelve (12) units, each containing six (6) UV lamps, installed in a single channel;

including pumps, piping, control measures and all other controls and appurtenances essential for the proper operation of the aforementioned Works;

Stormwater Management Systems

establishment of stormwater management Works for the redevelopment of the 5.99-hectare Retail Outlet site at 8175 Winston Churchill Boulevard, for the collection, transmission, treatment and disposal of stormwater runoff, to provide Enhanced Level quality control and to attenuate post-development peak flows to pre-development levels for all storm events up to and including the 100-year storm event, discharging to Mullet Creek, consisting of the following:

Proposed Works:

Retail Outlet - 8175 Winston Churchill Blvd

- one (1) oil/grit separator (Stormceptor EFO8), receiving stormwater runoff from the parking lot areas and roof runoff via onsite storm sewers, to provide pre-treatment for a catchment area of 1.65 ha, having a sediment storage capacity of 8,780 L, an oil storage capacity of 1,070 L and a maximum treatment flow rate of 1,700 L/s, discharging via a 600 mm diameter outlet pipe to the infiltration gallery;
- one (1) infiltration gallery (catchment area 2.01 ha), 40 m long by 7 m wide by 1.0 m deep, providing 112 m³ of storage and contact area of 280 m², to provide best efforts to infiltrate 5 mm storm event, complete with twin 150 mm diameter perforated pipes laid within a stone trench wrapped with geotextile, complete with an overflow discharge into the stormwater management wet pond described below;

- one (1) stormwater management wet pond with sediment forebay (catchment area 2.01 ha), having a permanent pool storage volume of 1,390 m³, and extended detention storage volume of 4,503 m³, complete with a 88 mm diameter knockout and a perforated CSP riser outlet structure, discharging via a 245 mm diameter orifice plate and via a headwall to an outlet dispersion trench at a maximum flow rate of 78 litres per second for the 100-year storm to Mullet Creek;

Existing Works:

Main Plant - 8301 Winston Churchill Blvd

a stormwater management system, relying on a system of catchbasins, underground pipe collection and storage, a linear dry pond, oil/grit separators, ditches, designated surface ponding on paved areas and vegetated grassed swales, which provide a measure of quality control, including:

Catchment Areas A1 and A2

The Catchments A1 and A2, with a total area of 1.03 hectare located on Maple Lodge Farms main building area, include the following runoff quantity and quality controls:

- approximate storage volumes of 124 m³ for Catchment A1, relying on 13 m³ on surface storage with a maximum depth of 100 mm on the catchment area of STM CBMH No2 and the remaining on subsurface storage in elliptical pipes 375 mm diameter storm sewers and manholes.
- approximate storage volumes of 77 m³ for Catchment A2, relying on surface storage with a maximum depth of 230 mm on paved areas.
- two (2) oil grit separator manholes sized to achieve 80% TSS removal discharging to a swales discharging to the original site outlet, the natural channel located at the east side of the property.

including all other appurtenances essential for the proper operation of the aforementioned Works.

all in accordance with supporting documents listed in Schedule A.

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

1. "Annual Average Effluent Concentration" is the mean of all Single Sample Results of the concentration of a contaminant in the final effluent sampled or measured during a

calendar year;

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

3. "BOD5" (also known as TBOD5) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demands;

4. "CBOD5" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

5. "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;

6. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;

7. "*E. coli*" refers to coliform bacteria that possess the enzyme beta-glucuronidase and are capable of cleaving a fluorogenic or chromogenic substrate with the corresponding release of a fluorogen or chromogen, that produces fluorescence under long wavelength (366 nm) UV light, or color development, respectively. Enumeration methods include tube, membrane filter, or multi-well procedures. Depending on the method selected, incubation temperatures include 35.5 ± 0.5 °C or 44.5 ± 0.2 °C (to enumerate thermotolerant species). Depending on the procedure used, data are reported as either colony forming units (CFU) per 100 mL (for membrane filtration methods) or as most probable number (MPN) per 100 mL (for tube or multi-well methods);

8. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;

9. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;

10. "Grab Sample" or "Grab" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;

11. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;

12. "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;

13. "Monthly Average Effluent Concentration" is the mean of all Single Sample Results of the concentration of a contaminant in the final effluent sampled or measured during a calendar month;

14. "Operating Agency" means the Owner, person or the entity that is authorized by the Owner for the management, operation, maintenance, or alteration of the Works in accordance with this Approval;

15. "Owner" means Maple Lodge Farms Ltd., including any successors and assignees;

16. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40;

17. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;

18. "Single Sample Result" means the test result of a parameter in the final effluent discharged on any day, as measured by a probe, analyzer or in a composite or grab sample, as required;

19. "Site" means the properties listed in the Site Location section of this Approval;

20. "Works" means the approved 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. EXPIRY OF APPROVAL

1. This Approval will cease to apply to those parts of the Works which have not been constructed within **five (5) years** of the date of this Approval.

3. 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;
 - 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.

4. CONSTRUCTION OF PROPOSED WORKS

1. Upon the construction of the Works, the Owner shall prepare a statement, certified by a Licensed Engineering Practitioner, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry personnel.
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.

5. EFFLUENT - VISUAL OBSERVATIONS

1. Notwithstanding any other condition in this Approval, the Owner shall 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, sheen or foam on the receiving waters.

6. EFFLUENT LIMITS

1. The Owner shall design, construct and operate the Works such that the concentrations of the materials listed as effluent parameters in the effluent limits table in **Schedule B** are not exceeded in the effluent from the Works.
2. For the purposes of determining compliance with and enforcing subsection 1:
 - a. non-compliance with respect to an Annual Average Effluent Concentration Limit is deemed to have occurred when the arithmetic mean concentration of all samples taken in a calendar year, analyzed for BOD5 or Total Suspended Solids, is greater than the corresponding maximum concentration set out in Column 2 of the Effluent Limits Table listed in **Schedule B**;
 - b. non-compliance with respect to a Monthly Average Effluent Concentration Limit is deemed to have occurred when the arithmetic mean concentration of all samples taken in a calendar month, analyzed for Total Phosphorus and Un-ionized Ammonia, is greater than the corresponding maximum concentration set out

- in Column 2 of the Effluent Limits Table listed in **Schedule B**;
- c. non-compliance with respect to a Single Sample Result is deemed to have occurred when any single sample analyzed for a parameter named in Column 1 of the Effluent Limits Table listed in **Schedule B** is greater than the corresponding maximum concentration set out in Column 2 of the Effluent Limits Table listed in **Schedule B**.
- d. non-compliance with respect to pH is deemed to have occurred when any Single Sample Result is outside of the indicated range.

7. MONITORING AND RECORDING

1. The Owner shall 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 C** 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 document referenced in Paragraph 2.b.
 - c. definitions for frequency:
 - i. Daily means once every day;
 - ii. Quarterly means once every three months.
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 Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended;
 - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
 - c. the publication "Standard Methods for the Examination of Water

and Wastewater", as amended; and

d. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b and 2.c, the written approval of the District Manager shall be obtained prior to sampling.

3. A continuous flow measuring device(s) shall be installed and maintained to measure the flowrate of the effluent from the Industrial Sewage Treatment Works, with an accuracy to within plus or minus 15% per cent of the actual flowrate for the entire design range of the flow measuring device and the Owner shall measure, record and calculate the flowrate for each effluent stream on each day of sampling.
4. The temperature and pH of the effluent from the Industrial Sewage Treatment Works shall be determined in the field at the time of sampling for Total Ammonia. The concentration of un-ionized ammonia shall be calculated using the Total Ammonia concentration, pH and temperature using the methodology stipulated in "Ontario's Provincial Water Quality Objectives" dated July 1994, as amended, for ammonia (un-ionized).
5. The Owner shall direct the effluent from the final clarifier into the Lagoons #1 and #2 or into a sanitary sewer, if available, in the event that the final clarifier effluent has a BOD5 or residual particulate concentration in excess of 200 milligrams per litre.
6. The Owner shall notify the District Manager within **24 hours** in the event that effluent from the sewage works covered by this approval is diverted to a sanitary sewer system.
7. The Owner shall carry out the monitoring program listed in the Stormwater Effluent Monitoring Table in **Schedule C** for a minimum of **three (3) years** and may be modified by the Director in writing should the monitoring data be satisfactory.
8. 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.

8. OPERATION AND MAINTENANCE

1. The Owner shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the Works do not constitute a safety, health or flooding hazard to the general public.
2. 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 laboratory facilities, 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.

3. The Owner shall undertake an inspection of the condition of the Stormwater Management Works, at least once a year, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the Stormwater Management Works to prevent the excessive build-up of sediment, oil/grit, debris and/or decaying vegetation, to avoid reduction of the capacity and/or permeability of the Stormwater Management Works, as applicable. The Owner shall also regularly inspect and clean out the inlet to and outlet from the Stormwater Management Works to ensure that these are not obstructed.
4. The Owner shall carry out and maintain an inspection and maintenance program on the operation of the manhole oil/grit separator in accordance with the manufacturer's recommendation.
5. The Owner shall ensure that the manhole for the oil/grit separator remains accessible year-round to facilitate maintenance access and spill response measures.
6. The Owner shall ensure the immediate clean-out of the Stormwater Management Works after a fuel or oil spill capture.
7. The Owner shall ensure that equipment and material for the containment, clean-up and disposal of fuel and oil and materials contaminated with such, is on hand and in good repair for immediate use in the event of:
 - a. loss of fuel or oil to the Stormwater Management Works; or
 - b. a spill within the meaning of Part X of the EPA.
8. The Owner shall prepare/update the operations manual for the Works within **six (6) months** upon the issuance of this Approval, that includes, but not necessarily limited to, the following information:
 - a. operating procedures for routine operation of the Works;
 - 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. 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 followup actions taken.

- 9. 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.
- 10. The Owner shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at the Works for inspection by the Ministry. The logbook shall include the following:
 - a. the name of the Works;
 - b. the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed and method of clean-out of the Works; and
 - c. the date of each spill within the catchment area, including follow-up actions and remedial measures undertaken.
- 11. The Owner shall have a valid written agreement with a hauler who is in possession of a Waste Management Systems Approval, for the disposal of the sludge generated from the Works, at all times during operation of the Works.
- 12. 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.

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 submit, within **three (3) years** after the issuance of this Approval, an amendment application for the proposed stormwater management Works to address stormwater quantity and quality controls for the entire Main Plant site (8301 Winston Churchill Boulevard).
5. 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. a summary and interpretation of all monitoring data, including concentration, flow rates and a comparison to the design objectives and compliance limits in this Approval, including an overview of the success and adequacy of the Works;
 - b. a summary of any deviation from the monitoring schedule and reasons for the current reporting year and a schedule for the next reporting year;
 - c. a summary of any operating issues encountered and corrective actions taken;
 - d. 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;
 - e. a summary of any effluent quality assurance or control measures undertaken;
 - f. a summary of the calibration and maintenance carried out on all monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
 - g. a summary of any complaints received and any steps taken to address the complaints;
 - h. a summary of all situations outside normal operating conditions, spills within the meaning of Part X of EPA and abnormal discharge events;

- i. any other information the District Manager requires from time to time.

10. SPILL CONTINGENCY PLAN

1. Within **six (6) months** from the issuance of this Approval, the Owner shall implement a spill contingency plan - that is a set of procedures describing how to mitigate the impacts of a spill within the area serviced by the Works. The Owner shall, upon request, make this plan available to Ministry staff. This plan shall include as a minimum:
 - a. the name, job title and location (address) of the Owner, person in charge, management or person(s) in control of the facility;
 - b. the name, job title and 24-hour telephone number of the person(s) responsible for activating the spill contingency plan;
 - c. a site plan drawn to scale showing the facility, nearby buildings, streets, catch-basins and manholes, drainage patterns (including direction(s) of flow in storm sewers), any receiving body(ies) of water that could potentially be significantly impacted by a spill and any features which need to be taken into account in terms of potential impacts on access and response (including physical obstructions and location of response and clean-up equipment);
 - d. steps to be taken to report, contain, clean up and dispose of contaminants following a spill;
 - e. a listing of telephone numbers for: local clean-up company(ies) who may be called upon to assist in responding to spills; local emergency responders including health institution(s); and Ministry Spills Action Centre 1-800-268-6060;
 - f. Safety Data Sheets (SDS) for each hazardous material which may be transported or stored within the area serviced by the Works;
 - g. the means (internal corporate procedures) by which the spill contingency plan is activated;
 - h. a description of the spill response training provided to employees assigned to work in the area serviced by the Works, the date(s) on which the training was provided and by whom;
 - i. an inventory of response and clean-up equipment available to implement the spill contingency plan, location and, date of maintenance/replacement if warranted; and

- j. the date on which the contingency plan was prepared and subsequently, amended.
2. The spill contingency plan shall be kept in a conspicuous, readily accessible location on-site.
3. The spill contingency plan shall be amended from time to time as required by changes in the operation of the facility.

11. REGISTRATION ON TITLE REQUIREMENT

1. Pursuant to Section 197 of the Environmental Protection Act, prior to dealing with any of the properties comprising the Site in any way, the Owner shall provide a copy of this Approval and any amendments, to any person who will acquire an interest in the property as a result of the dealing.
2. Within **sixty (60) calendar days** of the issuance of this Approval, the Owner shall submit to the Director:
 - a. a plan of survey including each property comprising the Site indicating where the Works will be located;
 - b. a completed Certificate of Requirement and its supporting documents containing a registerable description of each property comprising the Site.
3. Within **fifteen (15) calendar days** of receiving a Certificate of Requirement authorized by the Director, the Owner shall:
 - a. register the Certificate of Requirement in the Land Titles Division of the Land Registry Office on the title to each property comprising the Site; and
 - b. submit to the Director written verification that the Certificate of Requirement has been registered on title.

Schedule A

1. Application for Environmental Compliance Approval submitted by Maple Lodge Farms Ltd. received on February 27, 2023, including engineering review, stormwater management report, final plans and specifications.
2. Application for Approval of Industrial Sewage Works submitted by Maple Lodge Farms Ltd., dated March 19, 2008, including stormwater management report and all other supporting information.

3. Application for Approval of Municipal and Private Sewage Works submitted by Alan Wassens of Maple Lodge Farms Limited, dated September 10, 2001, including engineering review, geotechnical evaluation report and all other supporting information.
4. Application for Approval of Municipal and Private Sewage Works submitted by Alan Wassens of Maple Lodge Farms Limited, dated December 12, 1997, including engineering review and all other supporting information.
5. Application for Approval of Municipal and Private Sewage Works submitted by Alan Wassens of Maple Lodge Farms Limited, dated June 27, 1997, including engineering review and all other supporting information.
6. Application for Approval of Industrial Sewage Works submitted by Mr. Alan Wassens of Maple Lodge Farms, dated December 20, 1996, including design report and all supporting information.
7. Application for Approval of Industrial Sewage Works submitted by Maple Lodge Farms Ltd., dated August 3, 1983, February 6, 1984, and December 28, 1984, including plans, drawings, reports and correspondence.

Schedule B

Final Effluent Limits for the Industrial Sewage Treatment Plant

Effluent Parameter	Averaging Calculator	Effluent Limit (maximum unless otherwise indicated)
BOD5	Annual Average Effluent Concentration	10 mg/L
BOD5	Single Sample Result	25 mg/L
Total Suspended Solids	Annual Average Effluent Concentration	10 mg/L
Total Suspended Solids	Single Sample Result	25 mg/L
Total Phosphorus	Monthly Average Effluent Concentration	0.37 mg/L
Un-ionized Ammonia	Monthly Average Effluent Concentration	0.02 mg/L
Un-ionized Ammonia	Single Sample Result	0.1 mg/L
<i>E. coli</i>	Monthly Geometric Mean Density	*200 CFU/100 mL
pH	Single Sample Result	between 6.5 - 9.0 inclusive

Schedule C

Monitoring Program

Effluent Monitoring - Sample Point: Aeration tank in the activated sludge treatment plant

Sample Type	Grab
Minimum Frequency	Daily (once per day)
Parameter Type	Mixed Liquor Suspended Solids (MLSS), Mixed Liquor Volatile Suspended Solids (MLVSS), Dissolved Oxygen (top and bottom), Oxygen Uptake Rates

Effluent Monitoring - Sample Point: Final Clarifier

Sample Type	Grab
Minimum Frequency	Once every three days for all parameters, daily for COD
Parameter Type	Residual Particulate COD - filtered, and BOD5, Temperature and pH

Effluent Monitoring - Sample Point: Aerated Lagoon (Lagoon #1)

Sample Type	Grab
Minimum Frequency	if in service, daily
Parameter Type	MLSS, MLVSS, Dissolved Oxygen (top and bottom), Oxygen Uptake Rates

Final Effluent Monitoring - Sample Point: Discharge to Levi Creek

Sample Type	Grab
Minimum Frequency	Once every three days
Parameter Type	BOD5, COD, Total Phosphorous, Total Ammonia, Un-ionized Ammonia*, Total Kjeldahl Nitrogen, Nitrite plus Nitrate Nitrogen, Residual Particulate, field pH and Temperature

* Un-ionized ammonia shall be calculated based on Total Ammonia, and field pH and temperature measurements

Stormwater Effluent Monitoring - Sample Point: The Main Plant (8301 Winston Churchill Boulevard) site outlet, the natural channel located at the east side of the property

Sample Type	Grab
Minimum Frequency	Quarterly; at least once being for the snowmelt freshets and another being 72 hours after the fall of precipitation
Parameter Type	CBOD5, Total Suspended Solids, Total Phosphorous, <i>E. Coli</i> , pH and Temperature

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, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.

3. Condition 3 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.

4. Condition 4 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 that prior to the commencement of construction of the portion of the Works that are approved in principle only, the Director will have the opportunity to review detailed design drawings, specifications and an engineer's report containing detailed design calculations for that portion of the Works, to determine capability to comply with the Ministry's requirements stipulated in the terms and conditions of the Approval, 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.

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 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.

8. Condition 8 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.

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.

10. Condition 10 is included to ensure that the Owner will implement the Spill Contingency Plan, such that the environment is protected and deterioration, loss, injury or damage to any person(s) or property is prevented.

11. Condition 11 is included in order to require the Owner to give notice of this Approval to potential future owners of the property before the property is dealt with.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 1103-7JRJBV issued on January 15, 2009.

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 7th day of February,
2024



Fariha Pannu, P.Eng.
Director
appointed for the purposes of Part
II.1 of the *Environmental Protection
Act*

JY/
c: District Manager, MECP Halton-Peel
Jack Turner, GM BluePlan Engineering Limited