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Ministry of the Environment, Conservation and Parks Ministère de l'Environnement, de la Protection de la nature et des Parcs

### **ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 5454-BD4M2Q Issue Date: October 22, 2019

2299647 Ontario Limited 4712 County Road 90 Springwater, Ontario L4M 4S4

Site Location: Malfara's Auto Sales & Service
4712 County Road 90
Township of Springwater, County of Simcoe
L4M 4S4

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 establishment of sewage works for the collection, transmission, treatment and disposal of stormwater and sanitary sewage effluent from a Commercial Gas Bar redevelopment on a 1.2ha. site consisting of the following:

## **Stormwater Management System:**

Stormwater Management works for the collection, transmission, treatment and disposal of stormwater run-off from a catchment area of approximately 1.2hectares, including the developed area of 0.58ha. to provide enhanced level of (80% S.S. removal) of water quality protection and to attenuate post-development peak flows to predevelopment levels, discharging to Bear Creek, for all storm events up to and including the 100-year return storm, consisting of the following:

- 1. site storm sewers ranging from 450 to 675 millimetres; having an on-site attenuation storage capacity of 43cu.m. in the pipes and appurtenances, including ponding in parking areas not over a depth of 300mm at 100-year storm events; minor stormflow of upto 5-year events to be intercepted in site stormsewrs and released from the terminal catchbasin manhole CBMH#6 via a 150mm diameter orifice pipe into an on-line oil grit separator as follows:
- 2. one (1) Oil and Grit Separator (CDS Model PMSU2015-6-C or approved equivalent), with a treatment flow rate of 20L/s, complete with an internal overflow by-pass system, total storage volume of 4.05cu.m., sediment capacity of 2.4cu.m. and oil storage capacity of 828L, to discharge effluent stormwater via a 450mm diameter outlet pipe and a headwall into a swale as described below:

3. swale: one (1) 13 metres long 1 metre wide swale discharging to Bear Creek, approximately 20m downstream;

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

## Sanitary Sewage Treatment and Subsurface Effluent Disposal System:

Collection, treatment and disposal of effluent of domestic sewage to service one (1) drive-in restaurant, one (1) convenience store, one (1) gas bar and one (1) auto repair garage, with a daily sanitary sewage flow of 19,070 L/d consisting of the following:

- 1. one (1) Collection and Holding Tank with the capacity of 4,000 L to collect soup and coffee bar wastewater from a drive-in restaurant, to discharge by pumping out by licensed hauler to a designated location for treatment and disposal;
- 2. Grease Interceptor: one (1) three compartment grease interceptor with the capacity of 6,000 L to service the restaurant kitchen, discharging to the anaerobic digester tank #1;
- 3. Collection Sewer: one (1) 100 mm diameter sanitary sewer to collect sewage from the building to discharge into the anaerobic digester tank #1, as described below:
- 4. Two (2) anaerobic digester tanks (Tank #1 and Tank #2): Tank #1 with the capacity of 36,000 L, and Tank # 2 with a capacity 18,900 L are connected in series; both tanks with an InnerTube and effluent filter (Polylok PL-525 or approved equivalent), with Tank #2 to discharge effluent into an Aeration Tank, described below.
- 5. Aeration Tank: one (1) aeration tank with the capacity of 20,000 L, complete with internal aerator and submersible pump to recirculate sewage to the inlet of Anaerobic Digester Tank#1, to discharge into a balancing tank described below.
- 6. One (1) Balancing Tank with the capacity of 18,900 L, to dose partially treated sewage effluent into a Closed Loop Basket Biofilter Tank and into Biofilter Tanks #1 and #2 described below:
- 7. Closed Loop Tank (WFB Tank BA95 or approved equivalent): one (1) closed loop, attached growth filter media filled Biofilter denitrifying proprietary media, with Tank, 45,000 L, receiving sewage from balancing tank, complete with WaterNOx nitrogen removal unit, bulk foam denitrifying medium, control system and carbon dosing equipment and providing total organic removal capacity, with treated effluent to discharge back into the balancing Tank;

- 8. Biofilter Denitrifying Tank (WBF Tank #2): one (1) (Biofilter denitrifying proprietary Model BA95 or approved equivalent) Tank with a capacity of 45,000 L, receiving sewage from the balancing tank, complete with WaterNOx nitrogen removal unit, bulk foam denitrifying medium, control system and carbon dosing equipment and providing further total organic removal capacity, with treated effluent to discharge into a polishing tank (Biofilter Tank #1) described below.
- 9. Polishing Tank #1 and Pumping: one (1) (Biofilter proprietary Model BA95 or approved equivalent) with a capacity of 45,000 L, receiving sewage effluent from Biofilter Tank # 2 in chamber 1, complete with polishing medium, passive ventilation for removal of total organics via polishing filtration to discharge into the chamber 2. The chamber 2 is complete with two (2) alternating submersible pumps, with capability to discharge sewage effluent back into the Tank #2 and via a flow meter chamber located in a separate 1.5m square manhole with lockable cover and sampling port; to ultimately discharge via a 170 m long 50 mm diameter formemain crossing under the Bear Creek into an effluent distribution chamber (K-Rain Model 6402 or approved equivalent with 2 cammed outlet) provided with header pipes to distribute sewage effluent into the subsurface dispersal bed as described below:
- 10. Subsurface Disposal: one (1) fully raised Type A dispersal bed, with contact area of 437 square metres (m2) and sand loading area of at least 2,384 sq.m, equipped with twenty four (24) runs of 12.19m long 100 millimetre diameter perforated distribution pipes (total length 293m), laid at 1.2 m spacing on centre, installed in 300 millimetre deep layer of clear stone over a minimum of 900 millimetre imported sandy soil; and complete with 25m wide sand mantle;

including all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned sewage 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 Approval document and any Schedules to it, including the application and Supporting Documentation;
- 2. "Director" means a person appointed by the Minister pursuant to Section 5 of the EPA for the purposes of Part II.I 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, as amended;
- 5. "Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;
- 6. "Licensed Installer" means a person who is registered under the OBC to construct, install, repair, service, clean or empty on-site sewage systems;
- 7. "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;
- 8. "OBC" means the Ontario Building Code;
- 9. "Owner" means 2299647 Ontario Limited and its successors and assignees;
- 10. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
- 11. "Professional Engineer" means a person entitled to practice as a Professional Engineer in the Province of Ontario under a licence issued under the Professional Engineers Act; and
- 12. "Works" means the sewage works described in the Owner's application, and this Approval.

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 conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
- (2) Except as otherwise provided by these conditions, the Owner shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.

- (3) Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
- (4) Where there is a conflict between the documents listed in the Schedule submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
- (5) The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

#### 2. EXPIRY OF APPROVAL

The approval issued by 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

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 Owner;
- (b) change of address of the 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.B17 shall be included in the notification to the District Manager; and
- (d) change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager.

## 4. OPERATION AND MAINTENANCE.

- (1) The Owner shall inspect the Works at least once a year and, if necessary, clean and maintain the Works to prevent the excessive build-up of sediments, oil/grit, and/or vegetation.
- (3) 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 Corporate Office 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
  - (c) the date of each spill within the catchment area, including follow-up actions / remedial measures undertaken.

#### 5. TEMPORARY EROSION AND SEDIMENT CONTROL

- (1) The Owner shall install and maintain temporary sediment and erosion control measures during construction and conduct inspections once every **two (2) weeks** and after each significant storm event (a significant storm event is defined as a minimum of 25 mm of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are no longer required and at which time they shall be removed and all disturbed areas reinstated properly.
- (2) The Owner shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. The record shall include the name of the inspector, date of inspection, and the remedial measures. if any, undertaken to maintain the temporary sediment and erosion control measures.

### 6. RECORD KEEPING

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 and monitoring activities required by this Approval.

1. Except as otherwise provided by these conditions, the Owner shall construct, operate and maintain the Works in accordance with the description given in this Approval, and

the application for approval of the Works.

- 2. Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the Conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
- 3. Where there is a conflict between the documents listed in the Schedule submitted documents, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
- 4. The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.
- 5. 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 sewage 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.
- 7. CONSTRUCTION (for Sanitary Sewage System treatment and effluent disposal)
- 1. The Owner shall ensure that the construction of the Works is supervised by a licensed installer or a Professional Engineer, as defined in the *Professional Engineers Act*.
- 2. The Owner shall ensure that the Treatment system is installed in accordance with the Manufacturer's Installation Manual.
- 3. The Owner shall ensure that an imported soil that is required for construction of any subsurface disposal bed as per this Approval is tested and verified by the Professional Engineer or Licensed Installer prior to delivering to the site location and the written records are kept at the site.

- 4. Upon construction of the Works, the Owner shall prepare a statement, certified by a licensed installer or a Professional Engineer, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry staff.
- 5. Upon construction of the Works, the Owner shall prepare a set of as-built drawings showing the works "as constructed". "As-built" drawings shall be kept up to date through revisions undertaken from time to time and a copy shall be retained at the site for the operational life of the Works and shall be made available for inspection by Ministry staff.
- 6. 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 or health hazard to the general public.
- 7. The Owner shall undertake an inspection of the condition of the 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 above noted Works to prevent the excessive build-up of sediment, debris and/or decaying vegetation. The Owner shall also regularly inspect and clean out the inlet to and outlet from the Works to ensure that these are not obstructed
- 8. The Owner shall properly abandon any portion of unused existing sewage Works, as directed below, and upon completion of decommissioning report in writing to the District Manager.
  - a. any sewage pipes leading from building structures to unused sewage
     Works components shall be disconnected and capped;
  - b. any unused septic tanks, holding tanks and pump chambers shall be completely emptied of its content by a licensed hauler and either be removed, crushed and backfilled, or be filled with granular material;
  - c. if the area of the existing leaching bed is going to be used for the purposes of construction of a replacement bed or other structure, all distribution pipes and surrounding material must be removed by a licensed hauler and disposed off site at an approved waste disposal site; otherwise the existing leaching bed may be abandoned in place after disconnecting, if there are no other plans to use the area for other purposes;
- **8.** MONITORING AND RECORDING (for Sanitary Sewage System)

The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:

- 1. All samples and measurements taken for the purposes of this Approval 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.
- 2. Samples shall be collected at the sampling point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the Influent Monitoring Table included in **Schedule B**.
- 3. Samples shall be collected at the sampling point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the Effluent Monitoring Table included in **Schedule B**.
- 4. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to each individual subsurface disposal system, including but not limited to water/wastewater flow meters, event counters, running time clocks, or electronically controlled dosing, and shall record the daily volume of effluent being discharged to the subsurface disposal system.
- 5. The Owner shall ensure that flow of treated effluent discharged into the subsurface sewage system does not exceed 19,070 L/d.
- 6. 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 from time to time by more recently published editions;
  - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (January 1999), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions; and
  - c. the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition), as amended from time to time by more recently published editions.
- 7. 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.** EFFLUENT OBJECTIVES (for Sanitary Sewage System)

- 1. The Owner shall use best efforts to design, construct and operate the Works with the objective that the concentrations of the materials named as effluent parameters in the Effluent Objectives Table listed in **Schedule B** are not exceeded in the effluent being discharged to the subsurface disposal system.
- 2. For the purposes of subsection (1):
  - a. The concentrations of CBOD5 and TSS named in Column 1 of Effluent Objectives Table listed in Schedule B, as measured at each monitoring event, should be compared to the corresponding concentration set out in Column 2 of Effluent Objectives Table listed in **Schedule B**.
  - b. The concentrations measured at each monitoring event of TP named in Column 1 of Effluent Objectives Table listed in Schedule B, as measured at each monitoring event should be compared to the corresponding concentration set out in Column 2 of Effluent Objectives Table listed in **Schedule B**.

## 10. OPERATIONS AND MAINTENANCE (for Sanitary Sewage System)

- 1. The Owner shall prepare an operations manual within six (6) months of the introduction of sewage to the Works, that includes, but not necessarily limited to, the following information:
  - a. operating procedures for routine operation of all the Works;
  - b. inspection programs, including frequency of inspection, for all 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 all the Works; copies of maintenance contracts for any routine inspections & pump-outs should be included for all the tanks and treatment units;
  - 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 District Manager; and
  - f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
- 2. The Owner shall maintain the operations manual current and retain a copy at the

location of the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

- 3. The Owner shall, upon the construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology or its authorized agent. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.
- 4. The Owner shall ensure that the oil/grease interceptor and the holding tank are inspected and maintained on regular basis as required, and grease is disposed off site by a licensed hauler.
- 5. The Owner shall ensure that grass-cutting is maintained regularly over all the subsurface disposal beds, and the surface of the bed(s) are visually observed on a monthly basis. In the event a break-out is observed from a subsurface disposal bed, the Owner shall ensure that the sewage discharge to the bed is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within one (1) week. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and shall be safely collected and disposed off through a licensed waste hauler to an approved waste disposal site.
- 6. The Owner shall ensure that adequate steps are taken to ensure that the area of the Works are protected from all forms of vehicle traffic.
- 7. The Owner shall employ for the overall operation of the Works a person who possesses the level of training and experience sufficient to allow safe and environmentally sound operation of the Works.

## 11. REPORTING

- 1. One week prior to the start up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start up date.
- 2. In addition to the obligations under Part X of the *Environmental Protection Act*, the Owner shall, within 10 working days of the occurrence of any reportable spill as defined in Ontario Regulation 675/98, loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and 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 and submit a performance report, on an annual basis, within ninety (90) days following the end of each operational season to the District Manager. The first such report shall cover the first annual period following the commencement of operation of the Works and subsequent reports shall cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:
  - a. a review and assessment of performance of sewage works, including all treatment units and disposal beds.
  - b. a description of any operating problems encountered and corrective actions taken at all sewage Works located at the property.
  - c. a record of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property' including but not limited to: records of maintenance inspections for the treatment system, records of septic tank effluent filters cleaning, records of septic tank pump-outs, records of sludge pump-outs accumulated from the treatment system, records of visual inspections of all disposal systems.
  - d. a summary and interpretation of all daily flow data and results achieved in not exceeding the designed daily sewage flow discharged into the subsurface disposal system.
  - e. a summary of any complaints received during the reporting period and any steps taken to address the complaints.
  - f. a summary of all spill or abnormal discharge events.
  - g. any other information the District Manager requires from time to time.

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

1. Condition 1 is imposed to ensure that the Works are built and operated in the manner in which they were described for review and upon which approval was granted. This condition is also included to emphasize the precedence of Conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. The condition also advises the Owners their responsibility to notify any person they authorized to carry out work pursuant to this Approval the existence of this Approval.

- 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 is included to ensure that the Ministry records are kept accurate and current with respect to the approved 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. Conditions 4 and 10 are included to ensure that the works are constructed, and may be operated and maintained such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.
- 5. Condition 5 is included as installation, regular inspection and maintenance of the temporary sediment and erosion control measures is required to mitigate the impact on the downstream receiving watercourse during construction until they are no longer required.
- 6. Condition 6 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.
- 7. Condition 7 is included to require that the Works be properly operated, maintained, and equipped such that the environment is protected. As well, the inclusion of an operations manual, maintenance agreement with the manufacturer for the treatment process/technology and a complete set of "as constructed" drawings governing all significant areas of operation, maintenance and repair is prepared, implemented and kept up-to-date by the owner and made available to the Ministry. Such information 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 work.
- 8. Condition 8 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 specified in the Approval and that the Works does not cause any impairment to the receiving watercourse.
- 9. Condition 9 is imposed to establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to strive towards on an ongoing basis. These

objectives 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 7 are exceeded.

10. Condition 11 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.

11.

### **SCHEDULE A:**

List of submitted supporting documents:

 Application for Environmental Compliance Approval submitted by Matt Bertram of Skelton Brumwell Associates received on November 7, 2018 for the Proposed Sewage Works and Storm water Management System, including Environmental Study Report, Design Brief, Final Plans and Specifications.

2.

## Schedule B

# **Influent Monitoring Table -1**

<b>Sampling Location</b>	Upstream of the Treatment System from the Anaerobic Digester		
	Tank #1		
Frequency	Quarterly		
Sample Type	Grab		
Parameters	BOD5 , Total Suspended Solids (TSS)		
	Total Kjeldahl Nitrogen (TKN) and Total Phosphorus (TP)		

## **Effluent Monitoring Table-2**

<b>Sampling Location</b>	On discharge from the final Treatment System upstream from		
	subsurface disposal bed (sample from Polishing Biofilter Tank #		
	1- pumping chamber 2)		
Frequency	Once a month during operating season		
Sample Type	Grab		
<b>Parameters</b>	CBOD 5 Total Suspended Solids (TSS), Total Phosphorus (TP)		
	Total Ammonia Nitrogen (TAN), Nitrate Nitrogen, Nitrite Nitrogen		

## **Effluent Objectives Table-3**

Effluent Parameter (tested on outlet from the final Waterloo Biofilter Treatment Units)	Concentration Objective (milligrams per litre unless otherwise indicated)
CBOD5	10
Total Suspended Solids	10
Total Phosphorous	1.0

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review 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 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.

### 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.

AND

### This Notice must be served upon:

The Secretary\*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

The Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor Toronto, Ontario M7A 2J3

The Director appointed for the purposes of Part II.1 of the Environmental Protection Act Ministry of the Environment, Conservation AND and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5 \* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 www.ebr.gov.on.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 22nd day of October, 2019

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

MN/

c: District Manager, MECP Barrie District Office Matt Bertram, Bryan Boliver and Jay Clark, P.Engs, of Skelton Brumwell Associates