

Ministry of the Environment and Climate Change Ministère de l'Environnement et de l'Action en matière de changement climatique

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5514-AWNREG Issue Date: March 26, 2018

Hamilton-Wentworth District School Board 20 Education Court Hamilton. Ontario L9A 0B9

Site Location: Greensville Elementary School 625 Harvest Road Hamilton City, Ontario

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:

Proposed sewage Works with a Rated Capacity of 23,233 L/d for collection, treatment and subsurface disposal system of domestic sewage to service a proposed development consisting of a new Greensville Elementary School (473 students & 40 staff), Day Care (39 children & 6 staff), Library (98 persons & 2 staff) and Community Center (198 persons & 2 staff) located at the above noted site location, and comprising of the following:

Proposed Septic Tanks (ST-1 and ST-2)

two (2) Septic Tanks (ST-1 and ST-2) installed in series, interconnected via a 100 mm dia pipe installed at min 2% slope, each a single-compartment precast concrete tank with a minimum capacity of 25,000 L (total of 50,000 L per two tanks), having the second septic tank equipped with two (2) effluent filters (OBC approved), collecting sewage from the proposed development via a 100 mm dia pipe at 2 % slope and discharging effluent via gravity to a Balancing Tank (BT-1) as described below;

Proposed Balancing Tank (BT-1)

one (1) precast concrete, single-compartment Balancing Tank (BT-1), having a minimum capacity of 22,700 L, equipped with two (2) effluent submersible pumps (one duty, one stand-by), each rated at capacity of approximately 200 L/min at a TDH of approximately 12.5 m and pumping effluent to three (3) inter-connected Nitrifying Biofilter Tanks as described below;

Proposed Nitrifying Biofilter Tanks (NT-1, NT-2, NT-3 and NT-4)

four (4) Nitrifying Biofilter Tanks (NT-1, NT-2, NT-3 and NT-4), each with a 20,400 L capacity, inter-connected by bottom drains with effluent collecting in a fourth interconnected Nitrifying Biofilter Tank (NT-1) equipped with a total of four (4) pumps as follows:

- two (2) submersible effluent pumps operating on separate simplex timers, one to

recirculate a portion of effluent (quantities to be established during operation) to the second Septic Tank (ST-2) and to the Balancing Tank (BT-1); the Septic Tank (ST-2) recirculation forcemain passes through an above grade control building where a chemical metering pump doses alkalinity into the line; the second simplex pump pumps a maximum of 11,617 L/d to two Wire Mesh Baskets in NT-1;

- two (2) submersible effluent pumps in NT-1 pump the effluent to the first compartment of a proposed Waterloo WaterNOx-S tank (DT-1), as described below; the forcemain passes through the control building where carbon is dosed into the line;

Proposed Waterloo WaterNOx-S Tank (DT-1)

one (1) two-compartment WaterNOx-S (DT-1) tank with capacity of 13,600 L with the first compartment housing four (4) submerged media chambers each filled with approximately 0.83 m³ of Waterloo Biofilter medium and equipped with one (1) submersible effluent pump operating on a timer to send effluent up through the submerged media chambers; the second compartment of the WaterNOx-S (DT-1) tank is equipped with two (2) submersible effluent pumps operating on an alternating timer discharging via two forcemains: one (1) recirculating a portion of treated effluent back to the Septic Tank ST-2 and one (1) discharging to a Waterloo Biofilter Polishing Treatment (NT-5), as described below;

Proposed Waterloo Biofilter Polishing Treatment Tank and Pump Chamber (NT-5) one (1) Waterloo Biofilter Polishing Treatment Tank (NT-5) with a capacity of 20,400 L, housing two (2) wire mesh baskets each filled with approximately 7.35 m³ of Waterloo Biofilter Medium, equipped with an air fan assembly and one (1) submersible effluent pump operating on a simplex timer to pump a maximum of 11,617 L/d to a WaterNOx-LS Denitrification Tank (DT-2), as described below; and also including two (2) submersible effluent pumps, each pump rated at 152 L/min at a TDH of 24 m. The pumps will operate alternately on demand to pump treated effluent to a 2-cell subsurface dispersal bed, as described below, via a 38 mm dia forcemain approximately 90 m long; the operation of those pumps will be controlled by float switches and the timer that will be set to deliver a dose of 1,915 L for a maximum of 23,223 L/d;

Proposed Waterloo Biofilter WaterNOx-LS Tank (DT-2)

one (1) Waterloo BiofilterWaterNOx-LS Tank (DT-2) with a capacity of 13,600 L housing the proprietary agricultural mineral mixture and and discharging to a Waterloo Biofilter Polishing Tank (NT-6) as described below;

Proposed Waterloo Biofilter Polishing Tank (NT-6)

one (1) Waterloo Biofilter Polishing Tank (NT-6) with a capacity of 13,600 L housing the proprietary agricultural mineral mixture and discharging to a 20,400 L Polishing Tank (NT-5) as described above;

Proposed Subsurface Sewage Disposal System: In-ground Type A Dispersal Bed Proposed subsurface disposal system designed as in-ground Type A Dispersal Bed, consisting of two (2) cells, each cell consisting of seven (7) runs @ 30 m long (210 m per cell, 420 m per both cells) of 75 mm dia perforated distribution piping centred at 1.1 m, distribution piping installed within 267 mm thick stone layer of 475 m² (62.5 m long x 7.6 m wide) placed on underlying 300 mm thick layer of imported sand (T time of between 6 and 10 min/cm) with area of 1330 m² (20 m wide x 66.5 m long), and also provided with a 997.5 m² extended sand layer (15 m wide x 66.5 m long x 300 mm thick) of imported sand (T = 6 -10 min/cm) abutting the south side of the sand layer of the dispersal bed;

all in accordance with Supporting Documentation submitted to the Ministry as listed in the **Schedule A** in this Approval.

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. "BOD5" (also known as TBOD5) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;
- 3. "CBOD5" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;
- 4. "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;
- 5. "District Manager" means the District Manager of the Hamilton District Office;
- 6. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
- 7. "Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;
- 8. "Grab Sample" 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;
- 9. "Licensed Installer" means a person who holds a licence under Article 2.12.3.1 of the Ontario Building Code;
- 10. "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;
- 11. "OBC" means the Ontario Building Code;
- 12. "Owner" means Hamilton-Wentworth District School Board and its successors and assignees;

- 13. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
- 14. "Rated Capacity" means design daily sanitary sewage flow for which the Works are approved to handle;
- 15. "Regional Director" means the Regional Director of the West-Central Region of the Ministry;
- 16. "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;
- 17. "Supporting Documentation" means the documents listed in Schedule A of this Approval;
- 18. "Works" means the sewage works described in the Owner's application and this Approval;
- 19. "L" means Litres;
- 20. "L/d" means Litres per day;
- 21. "L/min" means Litres per minute;
- 22. "dia" means diametre;
- 23. "m" means metres;
- 24. "m²" means square metres;
- 25. "mm" means millimetres;
- 26. "mg/L" means milligrams per litre; and
- 27. "TDH" means Total Dynamic Head.

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

- 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

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

- 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 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;
 - 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 Informations Act*, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager;
- 2. In the event of any change in ownership of the Works,other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.

4. CONSTRUCTION

- 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 Waterloo Biofilter Treatment system is installed in accordance with the Manufacturer's Installation Manual.
- 3. 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.
- 4. 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.

5. MONITORING AND RECORDING

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. 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 Groundwater Monitoring Table included in **Schedule B**.
- 5. The Owner shall employ any measurement devices to accurately measure quantity of effluent being discharged to a 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.
- 6. The Owner shall ensure that flow of treated effluent discharged into the subsurface sewage system does not exceed 23,233 L/d.
- 7. The methods and protocols for sampling, analysis and recording shall conform, in

order of precedence, to the methods and protocols specified in the following:

- 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.
- 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.
- 9. The Owner, after three (3) full years of Works operation, may make a written request to the Regional Director for making changes in monitoring program, subject to review by the Technical Support Section of the Regional Ministry's Office;

6. EFFLUENT OBJECTIVES

- The Owner shall use best efforts to design, construct and operate the Works with the objective that the concentrations of the materials named as parameters in the Effluent Objectives Table (Column 1) 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 monthly average concentrations of CBOD5 and TSS named in Column 1 of Effluent Objectives Table listed in Schedule B should be compared to the corresponding concentration set out in Column 2 of Effluent Objectives Table listed in **Schedule B**.

7. EFFLUENT LIMITS

- The Owner shall design, construct, operate and maintain the Works such that the concentrations of the materials named as parameters in the Effluent Limits Table (Column 1) 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. The monthly average concentrations of TIN (Total Inorganic Nitrogen) named in Column 1 of Effluent Limits Table listed in Schedule B as measured on discharge from the last stage of treatment system prior to discharge into subsurface area bed, shall not exceed the corresponding maximum concentration set out in Column 2 of Effluent Limits Table listed in Schedule B.
- b. The each sample concentration of TIN (Total Inorganic Nitrogen) named in Column 1 of Effluent Limits Table listed in Schedule B as measured in monitoring wells at the property boundary, shall not exceed the corresponding maximum concentration set out in Column 2 of Effluent Limits Table listed in Schedule B.

8. OPERATIONS AND MAINTENANCE

- 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 prepare and make available for inspection by Ministry staff, a

maintenance agreement with the manufacturer for the treatment process/technology or its authorized Agent and a complete set of "as constructed" drawings within one (1) year of Substantial Completion of the Works. The maintenance agreement and drawings must be retained at the site and kept current at all times.

- 4. The Owner shall enter into a written Agreement with a licensed hauled sewage system operator for the disposal of septic tank sewage pump outs and sludge from the sewage treatment plant to an approved waste disposal off site, on as required basis. This Agreement must be retained at the site and kept current at all times.
- 5. The Owner shall ensure that all septic tanks are pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filters are cleaned out at minimum once a year or more often if required.
- 6. The Owner shall ensure that grass-cutting is maintained regularly over all the subsurface disposal beds, and the drainage operations in all beds 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 safely collected and disposed off through a licensed waste hauler to an approved waste disposal site.
- 7. 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.
- 8. 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.

9. 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. The Owner shall report to the District Manager or designate, any exceedance of any effluent limits specified in Schedule B orally, as soon as reasonably possible, and in writing within seven (7) days of the exceedance.
- 3. In the event that there is an exceedance of effluent limits specified in Schedule B, the Owner shall prepare and submit a contingency plan and implementation schedule, to the District Manager, no later than one (1) month following the exceedance.

- 4. 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.
- 5. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
- 6. The Owner shall prepare and submit to the District Manager, a performance report, on an annual calendar basis, within ninety (90) days following the end of the calendar year being reported upon. The first such report shall be submitted 2 years after commissioning of the proposed Works. The reports shall contain, but shall not be limited to, the following information:
 - a. a summary and description of efforts made and results achieved in meeting the Effluent Objectives of (Condition 6);
 - b. a summary and interpretation of all monitoring data and a comparison to the Effluent Limits (Condition 7) including an overview of the success and adequacy of the Works;
 - c. a recommendation of the continuation of the monitoring programs, monitoring frequency and frequency of report submission;
 - d. a review and assessment of performance of sewage works, including all treatment units and disposal bed;
 - e. a description of any operating problems encountered and corrective actions taken at all sewage Works located at the property;
 - f. 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 Waterloo Biofilter treatment System, records of septic tank pump-outs, 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;
 - g. a summary of any effluent quality assurance or control measures undertaken in the reporting period;

- h. a summary and interpretation of all daily flow data and results achieved in not exceeding the maximum daily sewage flow discharged into each one of the subsurface disposal system;
- i. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
- j. a summary of all spill or abnormal discharge events;
- k. any other information the District Manager requires from time to time;

Schedule A

 Application for Environmental Compliance Approval submitted by Randall Secord of Amec Foster Wheeler Environment and Infrastructure, dated on November 21, 2017 and received on February 8, 2018 for the proposed sewage Works with subsurface disposal to service a proposed Greensville Elementary School, Day Care, Library and Community Centre located in Hamilton, including Environmental Study Report, design report, final plans and specifications.

Schedule B

Influent Monitoring Table

Sampling Location	upstream of the Waterloo Biofilter Treatment System	
Frequency	twice a month	
Sample Type	Grab	
Parameters	BOD5	
	Total Suspended Solids (TSS)	
	Total Kjeldahl Nitrogen (TKN)	
Effluent Menitoring Table		

Effluent Monitoring Table

Sampling Location	on discharge from the final stage of Waterloo Biofilter Treatment	
	System;	
	Effluent Dosing Pump Chamber (upstream from the subsurface	
	disposal beds)	
Frequency	twice a month	
Sample Type	Grab	
Parameters	CBOD5	
	Total Suspended Solids (TSS)	

Total Ammonia Nitrogen (TAN) Nitrate Nitrogen Nitrite Nitrogen Total Kjedhal Nitrogen (TKN)
pH Temperature (effluent)

Groundwater Monitoring Table

	 five (5) existing monitoring wells (MW1 - MW5), and one (1) proposed monitoring well (MW6) to be constructed along the property boundary, east of the MW2 and about 50 m north of MW3; 	
Frequency	quarterly	
Sample Type	Grab	
Parameters	Nitrate - Nitrogen	
	Nitrite - Nitrogen	
	Unionized Ammonia	
	Total Kjeldahl Nitrogen (TKN)	
	Water level	

Effluent Objectives Table

Effluent Parameter	Concentration Objective (milligrams per litre unless otherwise indicated)
CBOD5	10 mg/L (monthly average) (treated effluent from the Waterloo Biofilter final
	Treatment Stage)
Total Suspended Solids	10 mg/L (monthly average) (treated effluent from the Waterloo Biofilter final
	Treatment Stage)

Effluent Limits Table

Effluent Parameter	Concentration Limit (milligrams per litre unless otherwise indicated)
TIN (ammonia nitrogen, nitrate-nitrogen and nitrite-nitrogen)	4.6 mg/L (treated effluent from the Waterloo Biofilter final Treatment Stage)
TIN (ammonia nitrogen, nitrate-nitrogen and nitrite-nitrogen	2.5 mg/L (at the property boundary)

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. Condition 4 is 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 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.

6. Condition 6 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.

7. Condition 7 is imposed to ensure that the effluent discharged from the Works to the subsurface meets the Ministry's effluent quality requirements thus minimizing environmental impact on the receiver.

8. Condition 8 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.

9. Condition 9 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.

10.

11.

12.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. 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.

This Notice must be served upon:

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

AND

The Director appointed for the purposes of Part II.1 of the Environmental Protection Act Ministry of the Environment and Climate Change 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

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

DATED AT TORONTO this 26th day of March, 2018

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

BM/

c: District Manager, MOECC Hamilton - District Peter McGlone, P.Eng., Amec Foster Wheeler Environment & Infrastructure Randall Secord, Amec Foster Wheeler Environment & Infrastructure