ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 9346-BF2SJF
Issue Date: September 16, 2020

Burlington Airpark Inc.
3647 Dixie Road, Mississauga,
Ontario, L4Y 2B3

Site Location: Burlington Executive Airpark
5342 Bell School Line, 5260 Bell School Lane, and 5351 Appleby Line, City of Burlington,
Regional Municipality of Halton
Ontario, L7M 0P1

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 stormwater management Works to serve the Burlington Airpark Inc. site, for the collection, transmission, treatment and disposal of stormwater run-off from a total catchment area of 77.9 hectares, to provide enhanced level water quality protection (80% SS removal), erosion control, and to attenuate post-development peak flows prior to discharge at pre-development flow rates, for all storms up to and including the 100-year event, discharging via the following outlets to existing creek tributaries, consisting of the following:

1. **Outlet #1**, located at the north-east corner of the development, receives run-off from sub-catchments 202 and 203 (24.56ha) consists of asphalted parking area, runway apron, offices and double walled fuel storage tanks and an external area of approximately 3.4 ha east of Bell School Line:

1. **Quality Control:**

   a. OGS #1 (Model HS12 or approved equivalent)**:** one (1) oil and grit separator, located at south of the west corner of the Runway 1, to receive stormwater from the existing runways and taxiways (6.1ha of Catchment 203), discharging through one (1) culvert under the runway; to have inflow via a 200 mm diameter storm sewer and have a sediment storage capacity of 18.95 cubic metres, an oil storage capacity of 7.1 cubic metres, a total storage volume of approximately 30.42 cubic metres, with a peak treatment flow rate of 224 litres per second, ultimately to discharge along with the flows from the existing apron, buildings and refuelling areas that will drain via the existing swales into a quantity control pond described later on:

   b. Isolator Row: Flows from the existing apron, buildings and refuelling areas are routed through two (2) 750 mm diameter culverts under the runway to a 975 mm diameter storm

sewer to discharge into an 'Isolator Row" proprietary unit within an underground Storage Tank to provide additional polishing treatment and sediment removal.

2. **Quantity Control:** peak flows presently being routed into a fire pond along the eastern extents of the property, will be rerouted into a system of underground storage tanks, located south of the pond, sized to control post-development flows to pre-development levels and will be connected via an overflow weir upstream of the pond inlet as follows:

   a. Stormtech Chamber Model MC-4500 or approved equivalent with a storage volume of 1652 cu.m. on a footprint of 1251 m2 , complete with Hydrostream Isolator Row sedimentation system, to discharge via a 580 mm diameter outlet from MH 3, into existing Firewater Pond as described below:

   b. Pond: existing firewater storage pond to discharge via an embankment spillway to Outlet 1 into grassed swale to the existing east tributary of the Bronte Creek;

2. **Outlet #2,** located at the South area of site adjacent to existing runway, with no increase in sheet flow west of the development, receives run-off from sub-catchment 207 (5.66ha) within the property line. Storm flows from this area mostly from the asphalt runways and taxiways is routed via two (2) 300 mm diameter culverts into two (2) Oil and Grit Separators described below with overflows draining west to the existing swales to the existing Tributary;

1. **Quality Control:**

   a. Grassed Swales: Enhanced grassed swales (catchment area 1.88 hectares), located along the runway on the southeast side of the site, having a total length of 260 metres, side slopes of 3:1, a maximum flow depth of 0.28 metres (100-year storm event), allowing a maximum discharge of 188 litres per second under the 100-year storm event to the catch basins and storm sewers that discharge to OGS #4 and #5 as follows:

   b. OGS #4 and #5 **(**Model HS8 or approved equivalent for catchment area 207; 2.83 ha. each total 5.66ha.**):** two (2) oil and grit separators, located upstream of the embankment to receive 25 mm storm flow from the existing 300 mm diameter culverts under the Runway 1 east, each having a sediment storage capacity of 6.29 cubic metres, an oil storage capacity of 2.33 cubic metres, a total storage volume of approximately 9.96 cubic metres, and rated at peak treatment flow rate of 99.7 litres per second, to discharge via a 300 mm diameter outlet pipes into a 24 m long, 1.5 m wide and 900 mm deep dispersion trench; to allow underdrainage and overflows to discharge along the site boundary into an existing swale via Outlet 2 to the existing east tributary of the Bronte Creek;

3. **Outlet #3,** located at the east side of the development, receives run-off from sub-catchments 211 and 206 (8.58ha) within the property line with no increase in post development flow. Storm flows from this area mostly from the grassed undeveloped area and is intercepted by subdrains along the embankment and sheet flows into an enhanced grass swale as described below:

1. Interceptor Grassed Swales, located along the southern bank of the site, having a total length of 321 metres, side slopes of 3:1, a maximum flow depth of 150 mm, allowing a peak discharge of 590 litres per second under the 100-year storm event to discharge stormwater overflow through the site embankment via Outlet # 3 into the existing tributary of the Bronte Creek;

4. **Outlet #4,** located at the south-east side of the development, receives run-off from sub-catchment 212 (1.34ha) within the property line with no increase in post development flow. Storm flows are mostly from the grassed undeveloped sloped embankment area and drains via sheet flow area and is intercepted along the embankment by sheet flows to the west property limit to the existing Tributary.

5. **Outlet #5** (total area 16.16 ha.), located at the south embankment of the site conveys run-off from sub-catchment 205 and 211 is conveyed north via a 600 mm diameter storm sewer to join into an existing 600 mm diameter storm sewer within sub-catchment 204. These combined flows are to drain into a depressed landscape (dry pond stormwater management facility) for attenuation and quantity control as described later on.

    1. **Quality Control:**

        a. OGS # 6:(Model HS8 or approved equivalent for area 205, 5.10 ha.**):** one (1) oil and grit separator, located upstream of the embankment to receive storm water flow via a 600 mm diameter culvert under the Runway 2, having a sediment storage capacity of 6.29 cubic metres, an oil storage capacity of 2.33 cubic metres, a total storage volume of approximately 9.96 cubic metres, and rated at peak treatment flow rate of 99.7 litres per second, to discharge via a 600 mm diameter outlet pipe into the dry pond described later:

        b. OGS #2 (Model HS10 or approved equivalent for sub-catchment area 204, 4.8 ha.)**:** one (1) oil and grit separator, located at south of the west corner of the Runway 1, to receive inflow from the storm water culvert under the Runway 1 and southern areas, having a sediment storage capacity of 11.93 cubic metres, an oil storage capacity of 4.29 cubic metres, a total storage volume of approximately 17.79 cubic metres, and rated at peak treatment flow rate of 115 litres per second, to discharge via an existing 600 mm diameter outlet pipe into a dry pond as described below:

    2. **Quantity Control** - Dry pond: a vegetated depression dry pond with one (1) 600 mm and one (1) existing 600 mm diameter storm sewer upright inlets**,** having a peak storage volume of 4083 cubic metres at depth of 1.0 metre to discharge storm water via an outlet structure consisting of a double ditch inlet catchbasin equipped with a 255 mm diameter flow control vertical orifice plate allowing a maximum discharge of 325 litres per second under the 100-year storm event via the existing 600 mm diameter pipe to Outlet #5 into the Tributary of the Creek;

6. **Outlet #6,** located at the northwest area of the site and receives run-off from the sub-catchments 201 and 208 (16.06ha) within the property line with no increase in post development flow. Storm flows from this area are from the west flank of the asphalt Runway 1 and undeveloped areas, routed via one (1) 450 mm diameter culvert under the runway into an Oil and Grit Separator as described below:

    1. **Quality Control:** OGS # 1:**(**Model HS11 or approved equivalent for part of area 201, 7.0 ha.**):** one (1) oil and grit separator, located upstream of the embankment to receive 25 mm storm flow from the existing 450 mm diameter culvert under the Runway 1 west side, having a sediment storage capacity of 18.5 cubic metres, an oil storage capacity of 5,746 L, a total storage volume of approximately 27.6 cubic metres, and rated for a peak treatment flow of 190 litres per second, to discharge via a 450 mm diameter outlet pipe under the embankment boundary to Outlet 6 leading to an existing swale to the West Tributary of the Bronte Creek.

7. **Outlet # 7,** located at the west side of the development, receives run-off from an undeveloped sub-catchment 210 (1.86ha) within the property line with no increase in post development flow. Storm flow from the grassed area runs as a sheet flows into an Enhanced Grassed swale to provide quality control improvement, prior to discharge via the Outlet # 7 into the existing tributary of the Bronte Creek;

8. **Outlet # 8,** located at the west side of the development, receives run-off from sub-catchment 209 (3.04ha) receives run-off from an undeveloped sub-catchment within the property line with no increase in post development flow. Storm flow from the grassed area runs as a sheet flows into an Enhanced Grassed swale to provide quality control improvement, prior to discharge via the Outlet # 8 into the existing tributary of the Bronte Creek;

9. **Outlet # 9**, located at the west side adjacent to Appleby Line, receives run-off from sub-catchment 213 (0.59ha) within the property is proposed to be detained into an underground storage tank for quality and quantity controls as described below:

    1. **Quality Control and Conveyance:** enhanced grass swale having a total length of 209 metres, side slopes of 3:1, a maximum depth of 160 mm, having a capture capacity of 138 litres per second under the 100-year storm event to discharge via the Ditch Inlet Catchbasin D I4.1 into an underground detention storage Tank as described below:

    2. **Quantity Control:** An underground storage tank system (Stormtech SC-310) with peak design volume of 109 cu.m. on a footprint of 287 square metre complete with a 130 mm diameter orifice plate to discharge into MH 4, at a rate not over 30 litres per second under the 100-year storm event, into an Isolator Row unit surrounded by clear stone wrapped in non-woven geotextile and an impermeable liner; all flow to discharge into northern road side ditch of Appleby Line via Outlet 9 (existing driveway culvert located within municipal right-of-way) into the existing Tributary of Bronte Creek;

including catchbasins, swales, minor storm sewers and culverts located on site as per revised drawing C-102 dated May 2019, hydro-seeding on bare embankment areas, riprap slope protection and erosion/sedimentation control measures for all Outlets upto the existing tributaries and all other controls and appurtenances essential for the proper operation of the aforementioned Works;

all in accordance with the submitted application and supporting documents listed in **Schedule A** forming part of this Approval.

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

1. "Approval" means this entire document and any schedules attached to it, and the application;

2. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;

3. "District Manager" means the District Manager of the appropriate local District Office of the Ministry, where the Works are 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 the approved named equipment;

6. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;

7. "Owner" means Burlington Airpark Inc., and includes its successors and assignees;

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

9. "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 CONDITIONS

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.

6. This Approval is for the treatment and disposal of stormwater run-off from the development of approximately 77.9 hectares. This Approval is also for the treatment and disposal of stormwater

run-off from an external area of approximately 3.4 ha east of Bell School Line draining to the site. The Approval is based on an average imperviousness of approximately 19.43%. Any future development changes within the total drainage area that might increase the required storage volumes or increase the flows to or from the wet pond or any structural/physical changes to the stormwater management facility including inlets or outlets will require an amendment to this Approval.

7. Construction of all nine (9) Outlets for the stormwater from the site shall be clearly delineated, marked/staked upto the naturally existing tributaries and shall be slope protected against erosion/sedimentation ensuring that stormwater from the site does not cause flooding or erosion in the neighbouring properties.

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.

2. In the event that completion and commissioning of any portion of the Works is anticipated to be delayed beyond the specified expiry period, the Owner shall submit an application of extension to the expiry period, at least twelve (12) months prior to the end of the period. The application for extension shall include the reason(s) for the delay, whether there is any design change(s) and a review of whether the standards applicable at the time of Approval of the Works are still applicable at the time of request for extension, to ensure the ongoing protection of the environment.

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; 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. If applicable, any proposed storm sewers or other stormwater conveyance in this Approval can be constructed but not operated until the proposed stormwater management facilities in this Approval or any other Approval that are designed to service the storm sewers or other stormwater conveyance are in

operation.

2. 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.

3. The Owner shall undertake an inspection of the condition of the Works, at least once a year, and undertake necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the 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 Works, as applicable. The Owner shall also regularly inspect and clean out the inlet to and outlet from the Works to ensure that these are not obstructed.

4. The Owner shall construct, operate and maintain the Works with the objective 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, foam or discoloration on the receiving waters.

5. The Owner shall ensure the immediate clean-out of the Works after a fuel or oil spill capture.

6. 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 Works; or

    b. a spill within the meaning of Part X of the EPA.

7. The Owner shall maintain a logbook to record the results of the **i**nspections and any cleaning and maintenance operations undertaken at the Work site, and shall keep the logbook at the Owner's Corporate office for inspection by the Ministry. The log book 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 any spill within the catchment area, including follow-up actions and remedial measures undertaken.

8. The Owner shall prepare an operations manual prior to the commencement of operation of the Works that includes, but is not necessarily limited to, the following information:

    a. operating and maintenance 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. contingency plans and procedures for dealing with potential spills and any other abnormal situations and for notifying the District Manager; and

e. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.

9. The Owner shall update and maintain the operations manual and retain a copy at the Owner's Corporate office for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

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 13 millimetres 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. SPILL CONTINGENCY PLAN

1. Within ninety (90) days 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 service area of 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.

7. GROUND WATER AND SURFACE WATER MONITORING AND RECORDING

The Owner shall, upon commencement of operation of the sewage 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 *groundwater and surfacewater/effluents from the OGS units over the time period being monitored.*

2. For the purposes of this condition, the following definitions apply:

   a. Semi-annual means once every six months*: 1 time in FALL and 1 time in SPRING seasons.*

   b. Annually means once every twelve months; and

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 **Tables 1, 2 and 3 included in Schedule B.**

4. The methods and protocols for sampling, analysis, toxicity testing, and recording shall conform, in order

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

a. the Ministry's publication "Guidance on Sampling and Analytical Methods for Use of Contaminated Sites in Ontario, revised December 1996;

b. Association of Professional Geoscientists of Ontario documents entitled " Guidance of Environmental Site Assessments under Ontario Regulation 153/04 (as amended) ", dated April 2011;

c. Canadian Standards Association publication entitled "Phase II Environmental Site Assessment, CSA Standard Z769-00 (R 2018)";

d. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" Version 2.0 dated Jan 1, 2016 (PIBS 2724e02), as amended from time to time by more recently published editions;

e. the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition) as amended from time to time by more recently published editions;

f. for any parameters not mentioned in the documents referenced in (a) and (b), the written approval of the District manager / Director shall be obtained prior to sampling.

5. The pH, Temperature, Oxidation Reduction Potential (ORP) and Dissolved Oxygen (DO) of the ground-water in the monitoring wells shall be determined in the field, including any free products.

6. The analysis of all ground-water samples collected from the on-site monitoring wells shall be assessed by an accredited laboratory for analysis of Petroleum Hydrocarbon Fractions F1 to F4 (PHCs F1 – F4), Volatile Organic Compounds (VOCs) including benzene, toluene, ethyl benzene and xylenes, Polycyclic Aromatic Hydrocarbons (PAHs) and Metals including Copper, Lead, Mercury, Nickel, Molybdenum, Sodium, Thallium, Vanadium and Zinc.

7. The measurement frequencies specified in subsection 7(3) Tables 1, 2, 3 in respect of any parameter are minimum requirements, which may, after (24) months of monitoring in accordance with this Condition, be modified by the Director in writing from time to time, if recommended with reasons thereof by the engineer in the annual reports.

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. REPORTING

1. The Owner shall, upon request, make all reports, manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.

2. After each sampling event, a Report shall be prepared by a Qualified Person documenting each sample

location, how the sampling program was carried out, including a copy of all the analytical certificates for the sampling event and an analysis of the data collected. This analysis shall include an assessment of the data against the applicable PWQO criteria and the Table 2 ground water standards of the *Soil, Ground Water and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act* published by the Ministry and dated April 15, 2011. This report shall be submitted to the Ministry within six (6) weeks of sample collection, if any parameter exceeds the applicable PWQO or Table 2 ground water standards.

3. Notwithstanding the above reports, the Owner shall prepare an Annual Performance Report by a Professional Engineer within thirty (30) days following the end of the period being reported upon, and submit the report(s) to the District Manager. The first such report shall cover the first annual period following the issuance of the approval of the Works and subsequent reports shall be prepared to cover successive annual periods following thereafter. The reports shall contain, but shall not be limited to, the following information:

    a. a summary of reports indicating the wells sampled, a brief of the sampling program, including a copy of all the analytical certificates for the sampling event and analytical results of the data collected.

    b. a description of any exceedance of monitored parameters compared against the assessment criteria described in 8(2), any operating problems encountered, corrective actions taken and including any recommendations.

    c. a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works, including an estimate of the quantity of any materials removed from the Works;

    d. a summary of any complaints received during the reporting period and any steps taken to address the complaints;

    e. a summary of all spill or abnormal discharge events; and

    f. 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 constructed and operated in the manner in which they were described 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. Condition 1.6 is included to emphasize that the issuance of this Approval does not diminish any other statutory and regulatory obligations to which the Owner is subject in the construction, maintenance and operation of the Works. The Condition specifically highlights the need to obtain any necessary conservation authority approvals. The Condition also emphasizes the fact that this Approval doesn't limit the authority of the Ministry to require further

information.

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 as regular inspection and necessary removal of sediment and excessive decaying vegetation from the Works are required to mitigate the impact of sediment, debris and/or decaying vegetation on the treatment capacity of the Works. The Condition also ensures that adequate storage is maintained in the Works at all times as required by the design. Furthermore, this Condition is included to ensure that the Works are operated and maintained to function as designed.

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 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.

8. Condition 8 is included to require the Owner to demonstrate on a continual basis that the quality of the ground-water from the approved works is consistent with the design specified in the Approval and that the approved works does not cause any impairment to the water wells and watercourses.

9. Condition 9 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the Works.

Schedule A

1. Application for Environmental Compliance Approval, dated July 20, 2018 and received on July 30, 2018, submitted by S. Llewellyn and Associates Ltd. on behalf of Burlington Airpark Inc.;

2. Stormwater Management Report, Burlington Airpark Inc. (Ontario Corp. Number 1721779), 5342 Bell School line, 5260 Bell School Line, and 5351 Appleby Line, City of Burlington, dated May 2019, prepared by S. Llewellyn and Associates Ltd.;

3. Engineering Drawings, a set of 3 for Burlington Executive Airpark, dated May 31, 2019, prepared by S. Llewellyn and Associates Ltd.

Schedule B

Table 1 - Effluent / Storm water Monitoring

Sampling points:
(1) OGS #4 and OGS #5 outlets from Manhole on 300 mm diameter pipe to dispersion trench upstream of **Outlet # 2** to tributary of Bronte Ckreek.
(2) Dry Pond outlet from MH 8 on 600 mm diameter pipe outlet upstream of **Outlet # 5** to tributary of Bronte Creek
(3) OGS # 6 outlet Manhole on 450 mm diameter pipe to **Outlet #6** to tributary of Bronte Creek
(4) MH 4 outlet to 300 mm diameter pipe outlet upstream of **Outlet # 9** to tributary of Bronte Creek

Parameters	Sample Type	Frequency
Total Suspended Solids	Grab	After a substantial rain event of 13 mm or larger, 1 time in fall and 1 time in spring seasons.
Oil and Grease	Grab	same as above

Table 2 - Effluent / Surface water Monitoring

Sampling point: effluent of OGS #1 Outlet upstream of **Outlet # 1** to tributary of Bronte Creek: stormwater flows from the site area drainage from the Jet Fuel Storage and Hanger / Office areas.

Parameters	Sample Type	Frequency
Total Suspended Solids	Grab	monthly*
Oil and Grease	Grab	monthly*
Total Petroleum Hydrocarbons (F1, F2, F3, F4)	Grab	monthly*
Benzene	Grab	monthly*
Toluene	Grab	monthly*
Ethylbenzene	Grab	monthly*
Total Xylenes	Grab	monthly*
Temperature	Field Measurement	monthly*
pH	Field Measurement	monthly*

Note*: year-round monthly sampling frequency, after a substantial rain event of 13 mm or larger, if and when there is a discharge from the OGS to the Creek.

Table 3 - Ground-water Monitoring

LOCATION	FREQUENCY	SAMPLE TYPE	PARAMETERS
Monitoring wells MW101, MW102, MW103, MW104, MW105, MW106, MW107, MW108, MW109, MW219 and MW220.	Semi-annually - 1 time in FALL and 1 time in SPRING seasons	Grab: Field measurements	pH, Temperature, Oxidation Reduction Potential (ORP), Dissolved and Oxygen (DO) of the ground-water in the monitoring wells shall be determined in the field, including any free products.
Monitoring wells MW101, MW102, MW103, MW104, MW105, MW106, MW107, MW108, MW109, MW219 and MW220	Semi-annually - 1 time in FALL and 1 time in SPRING seasons	Grab: Shall be sent to an accredited laboratory	Petroleum Hydrocarbon Fractions F1 to F4 (PHCs F1 – F4), Volatile Organic Compounds (VOCs) including benzene, toluene, ethyl benzene and xylenes, Polycyclic Aromatic Hydrocarbons (PAHs) and Metals including Copper, Lead, Mercury, Nickel, Molybdenum, Sodium, Thallium, Vanadium and Zinc.

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.

This Notice must be served upon:

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

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 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 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 16th day of September, 2020

Fariha Pannu.

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

MN/
c: District Manager, MECP Halton-Peel
Steven Frankovich, P.Eng., S. Llewellyn and Associates Ltd.