

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 3741-CFEPYL  
Issue Date: December 9, 2022

Floradale Parkview Non - Profit Manors Inc.  
30 Florapine Rd  
Woolwich, Ontario  
N0B 1V0

Site Location: Floradale Parkview Manors  
30 Florapine Rd  
Township of Woolwich,  
Regional Municipality of Waterloo, Ontario  
N0B 1V0

*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:*

**SANITARY SEWAGE TREATMENT & DISPOSAL**

the establishment, usage and operation of Proposed and Existing Works for the treatment and subsurface disposal of domestic sewage from the existing senior housing development (41 one or two bedroom units) and proposed expansion (20 semi-detached two bedroom units) at the above site location, rated at a maximum design capacity of **44,925 litres per day**, consisting of the following:

**Proposed Works:**

**Waterloo Biofilter Treatment System** (Maximum Daily Flow: 44,925 litres per day)

- one (1) proposed 22,500 litre single-compartment concrete septic tank, discharging by gravity into the proposed Waterloo Biofilter anaerobic digester tank described below;
- two (2) proposed 45,400 litre precast concrete Waterloo Biofilter anaerobic digester tanks connected in series, with the outlet of the second digester tank to be equipped with three (3) effluent filters, discharging by gravity into the proposed flow balancing pump tank described below;
- one (1) proposed 50,000 litre single-compartment precast concrete flow balancing pump tank, equipped with two (2) submersible effluent pumps (Little Giant WS50HM-12-20 or Equivalent Equipment) and a high level audible/visible alarm, dosing effluent to the Waterloo Biofilter tanks described below;

- three (3) proposed 45,400 litre precast concrete Waterloo Biofilter tanks interconnected at the bottom, each housing three (3) wire mesh baskets filled with Waterloo Biofilter foam media, with Biofilter Tank No. 1 equipped with duplex submersible effluent pumps (Little Giant WS50HM-12-20 or Equivalent Equipment) to dose the effluent to the existing absorption trench leaching bed described below at a maximum rate of 32,000 litres per day and a simplex effluent pump for recirculation of treated effluent to the inlet of the first anaerobic digester tank described above;

### **Existing Works:**

#### **Absorption Trench Leaching Bed (Maximum Daily Flow: 32,000 litres per day)**

- one (1) existing raised absorption trench leaching bed rated for a maximum balanced design flow of 32,000 litres per day, installed in imported sand with a T-time of 6 to 8 minutes per centimetre, with a total length of distribution piping of 840 metres, divided into two (2) zones with four (4) cells, each cell containing seven (7) runs of 75 millimetre diameter perforated PVC distribution piping at 30 metres in length, spaced at 1.6 metres apart and having a total loading area of approximately 5,375 square metres;

#### **Norweco Modulair Treatment Plant and Sand Filter (To be decommissioned)**

- decommissioning of the existing Norweco Modulair treatment plant (including the pretreatment tank, sludge holding tank, denitrification unit, pump chamber) and the sand filter;

including all other controls, electrical equipment, instrumentation, piping, pumps, valves and appurtenances essential for the proper operation of the aforementioned Works;

## **STORMWATER MANAGEMENT**

the establishment, usage and operation of stormwater management Works to service the existing and proposed senior housing developments at the above site location, for the treatment and disposal of stormwater runoff from a total catchment area of approximately 2.8 hectares, to attenuate post-development peak flows to pre-development peak flows for all storm events up to and including the 100-year storm event, discharging to the Woolwich reservoir, consisting of the following:

### **Proposed Works:**

- **stormwater management facility (catchment area 1.8 hectares):** one (1) retrofitted dry pond ("West Pond"), located at the northwest corner of the property, having a maximum available storage volume of approximately 775 cubic metres and a maximum depth of 1.3 metres, complete with one (1) 450 millimetre diameter inlet pipe at the northeast corner, one (1) 3.0 metre wide riprap-lined emergency overflow spillway, and one (1) 30 metre long 200 millimetre diameter outlet pipe at the south end of the pond, receiving drainage from the west and central portions of the site via proposed storm sewers and overland sheet flows, discharging to the Woolwich reservoir to the south through grassed and woodlot areas;

- **stormwater management facility (catchment area 1.0 hectare):** one (1) retrofitted dry pond ("East Pond"), located along the east property boundary, having a maximum available storage volume of approximately 325 cubic metres and a maximum depth of 0.8 metres, complete with one (1) proposed 12 metre long buried surface water inlet (i.e., French drain) consisting of a 150 millimetre diameter perforated pipe in a 150 millimetre envelope of 19 millimetre clear stone wrapped with non-woven geotextile, connected to one (1) proposed catch basin (600 millimetres by 600 millimetres), which is connected to one (1) proposed 6 metre long 200 millimetre diameter outlet pipe at the south end of the pond, receiving drainage from the northeast portion of the site via overland sheet flows, discharging to the Woolwich reservoir to the south through existing storm sewers and grassed and woodlot areas;

including approximately 3.74 hectares of drainage area south of the main building roof line discharging uncontrolled to the Woolwich reservoir through grassed and woodlot areas;

including approximately 0.12 hectares of drainage area along the north entrance discharging uncontrolled off-site to the roadside ditch; and

including erosion/sedimentation control measures during construction of the Proposed Works 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 Approval document and any Schedules to it, including the application and Supporting Documentation;
2. "BOD<sub>5</sub>" (also known as TBOD<sub>5</sub>) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;
3. "CBOD<sub>5</sub>" 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. "Grab Sample" or "Grab" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;
6. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;
7. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;

8. "Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;
9. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
10. "Licensed Engineering Practitioner" means a person who holds a licence, limited licence or temporary licence under the *Professional Engineers Act*, R.S.O. 1990, c. P.28;
11. "Maximum Daily Flow" means the largest volume of flow to be received during a one-day period for which the sewage treatment process unit or equipment is designed to handle;
12. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
13. "OBC" means the Ontario Building Code, Ontario Regulation 332/12 (Building Code) as amended to January 1, 2015, made under the *Building Code Act*, 1992, S.O. 1992, c. 23;
14. "Owner" means Floradale Parkview Non - Profit Manors Inc. and its successors and assignees;
15. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
16. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
17. "Single Sample Result" means the test result of a parameter in the effluent discharged on any day, as measured by a probe, analyzer or in a composite or grab sample, as required;
18. "Works" means the approved sewage works, and includes Proposed Works and Existing Works.

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

## **TERMS AND CONDITIONS**

### **1. GENERAL PROVISIONS**

1. The Owner shall ensure that any person authorized to carry out work on or operate any aspect of the Works is notified of this Approval and the terms and conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. The Owner shall design, construct, operate and maintain the Works in accordance with the conditions of this Approval.

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

## 2. EXPIRY OF APPROVAL

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

## 3. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within **thirty (30) days** of the change occurring:
  - a. change of address of Owner;
  - b. change of Owner, including address of new owner;
  - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the *Business Names Act*, R.S.O. 1990, c.B17 shall be included in the notification;
  - 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;
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.
3. The Owner shall ensure that all communications made pursuant to this condition refer to the number of this Approval.

## 4. CONSTRUCTION

1. The Owner shall ensure that the construction of the Works is supervised by a Licensed Engineering

Practitioner.

2. The Owner shall ensure that the Waterloo Biofilter treatment system is installed in accordance with the Manufacturer's Installation Manual.
3. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.
4. Upon construction of the Works, the Owner shall prepare a statement, certified by a Licensed Engineering Practitioner, that the Works are constructed in accordance with this Approval, and upon request, shall make the written statement available for inspection by Ministry 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.

## **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 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. OPERATIONS AND MAINTENANCE**

1. The Owner shall ensure that, at all times, the Works and the related equipment and appurtenances used to achieve compliance with this Approval are properly operated and maintained. Proper operation and maintenance shall include effective performance, adequate funding, adequate staffing and training, including training in all procedures and other requirements of this Approval and the OWRA and regulations, adequate laboratory facilities, process controls and alarms and the use of process chemicals and other substances used in the Works.
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. If applicable, any proposed storm sewers or other stormwater conveyance 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.

4. Within **six (6) months** of completion of construction of the Works, the Owner shall prepare an operations manual for the Works described under the sections of "Sanitary Sewage Treatment & Disposal" and "Stormwater Management" of this Approval, 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; for sanitary sewage treatment & disposal Works, copies of maintenance contracts for any routine inspections & pump-outs shall be included for all the tanks and treatment units;
  - d. procedures for the inspection and calibration of monitoring equipment for the sanitary sewage treatment & disposal Works;
  - e. a spill prevention control and countermeasures plan, consisting of contingency plans and procedures for dealing with equipment breakdowns, potential spills and any other abnormal situations, including notification of the Spills Action Centre (SAC) and District Manager; and
  - f. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.
5. The Owner shall maintain an up to date operations manual and make the manual readily accessible for reference at the Works for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.
6. 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.
7. The Owner shall undertake an inspection of the condition of the stormwater management Works, **at least once a year**, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the 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.
8. The Owner shall construct, operate and maintain the stormwater management 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.

9. 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 (i.e., Waterloo Biofilter treatment system) or its authorized agent. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.
10. The Owner shall ensure that the septic tank and Waterloo Biofilter anaerobic digester tanks be inspected **at least twice per year** by a qualified person, and the sewage sludge accumulated in these tanks be periodically withdrawn at the frequency required to maintain efficiency of the treatment system. The effluent filters in the Waterloo Biofilter anaerobic digester tank shall be cleaned out at least once every six (6) months, when the tank is pumped out, or as determined by the manufacturer's recommendations, whichever comes first.
11. The Owner shall have a valid written agreement with a hauler who is in possession of a Waste Management Systems Approval, for the treatment and disposal of the sludge generated from the Works, at all times during operation of the Works.
12. The Owner shall ensure that grass-cutting is maintained regularly over the subsurface disposal bed(s), and that adequate steps are taken to ensure that the area of the underground Works is protected from vehicle traffic.
13. The Owner shall visually inspect the general area where Works are located for break-out once every month during the operating season.
14. In the event a break-out is observed from the subsurface disposal bed, the Owner shall do the following:
  - a. sewage discharge to that subsurface disposal system shall be discontinued;
  - b. the incident shall be **immediately** reported verbally to the Spills Action Centre (SAC) at (416) 325-3000 or 1-800-268-6060;
  - c. submit a written report to the District Manager within **one (1) week** of the break-out;
  - d. access to the break-out area shall be restricted until remedial actions are complete;
  - e. during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to the environment; and
  - f. sewage generated at the site shall be safely collected and disposed of through a licensed waste hauler to an approved sewage disposal site.
15. The Owner shall maintain a minimum 5,300 square metre vacant reserve area free from any structure, stockpile of materials or underground utilities, located adjacent and to the northwest of the



existing subsurface disposal bed, as a contingency measure for future design, approval and construction of an additional or replacement subsurface disposal bed, in accordance with the supporting documentation listed in **Schedule A**.

16. The Owner shall maintain a logbook to record the results of all inspections, repair and maintenance undertaken, calibrations, monitoring and spill response or contingency measures undertaken and shall make the logbook available for inspection by Ministry staff. The logbook shall include the following:
  - a. the name of the operator making the entry; and
  - b. the date and results of each inspection, repair, maintenance, calibration, monitoring, spill response and contingency measure.
17. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the operation and maintenance activities required by this Approval.

## **7. COMPLIANCE LIMITS**

1. The Owner shall operate and maintain the Works identified under the "Sanitary Sewage Treatment & Disposal" section of this Approval such that compliance limits for the final effluent parameters listed in the table included in **Schedule B** are met.

## **8. MONITORING AND RECORDING**

1. The Owner shall, upon commencement of operation of the Works, carry out a scheduled monitoring program of collecting samples at the required sampling points, at the frequency specified or higher, by means of the specified sample type and analyzed for each parameter listed in the tables under the monitoring program included in **Schedule C** and record all results, as follows:
  - a. all samples and measurements are to be taken at a time and in a location characteristic of the respective quality and quantity of the sewage stream, groundwater or surface water over the time period being monitored.
  - b. definitions and preparation requirements for each sample type are included in document referenced in Paragraph 2.b.
  - c. definitions for frequency:
    - i. Monthly means once every month;
    - ii. Annually means once every year.
  - d. The monitoring parameters, sampling locations and/or measurement frequencies specified in

**Schedule C** in respect to any parameter may, after **three (3) years** of monitoring in accordance with this condition, be modified by the Director in writing in consultation with the District Manager.

2. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:
  - a. the Ministry's Procedure F-10-1, "Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended;
  - b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
  - c. the publication "Standard Methods for the Examination of Water and Wastewater", as amended; and
  - d. for any parameters not mentioned in the documents referenced in Paragraphs 2.a, 2.b and 2.c, the written approval of the District Manager shall be obtained prior to sampling.
3. The Owner shall employ measurement devices to accurately measure the quantity of effluent being discharged to the subsurface disposal bed, 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.
4. The Owner shall ensure that flow of treated effluent discharged into the subsurface disposal system does not exceed **32,000 litres per day**.
5. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

## 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 orally **as soon as possible** any non-compliance with the compliance limits, and in writing within **seven (7) days** of non-compliance.
3. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and Exemption of Spills and Reporting of Discharges) made under the EPA, the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be

taken and a schedule of implementation.

4. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
5. The Owner shall prepare and submit a performance report for the Works described under the sections of "Sanitary Sewage Treatment & Disposal" and "Stormwater Management" of this Approval, 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 pertaining to the reporting period:
  - a. Sanitary Sewage Treatment & Disposal:
    - i. 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, and a contingency plan in the event of non-compliance with the effluent limits.
    - ii. a summary and interpretation of groundwater monitoring data;
    - iii. a summary and interpretation of surface water monitoring data;
    - iv. a review and assessment of the performance of the Works, including the treatment unit and the subsurface disposal bed;
    - v. a description of any operating problems encountered and corrective actions taken at all Works located at the property;
    - vi. 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 anaerobic digester tank effluent filters cleaning, records of septic tank/anaerobic digester tank pump-outs, records of sludge pump-outs accumulated from the treatment system, and records of visual inspections of the subsurface disposal bed, etc.;
    - vii. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
    - viii. a summary and interpretation of all daily flow data and results achieved in not exceeding the Maximum Daily Flow (32,000 litres per day) discharged into the subsurface disposal bed;
    - ix. a summary of any complaints received during the reporting period and any steps taken to address the complaints;

- x. a summary of all spill or abnormal discharge events; and
  - xi. any other information the District Manager requires from time to time;
- b. Stormwater Management:
- i. a description of any operating problems encountered and corrective actions taken;
  - ii. 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;
  - iii. a summary of any complaints received during the reporting period and any steps taken to address the complaints;
  - iv. a summary of all spill or abnormal discharge events; and
  - v. any other information the District Manager requires from time to time.

## **10. DECOMMISSIONING OF UN-USED WORKS**

1. The Owner shall properly abandon any portion of unused existing 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 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.

## **11. RESPONSIBILITY AGREEMENT**

1. The Owner shall enter into a duly signed Responsibility Agreement with The Regional Municipality of Waterloo prior to the construction of the Works approved herein in accordance with the Ministry Procedure D-5-2 entitled "Application of Municipal Responsibility for Communal Water and Sewage Services".
2. The Owner shall provide written confirmation that the Responsibility Agreement was entered into,

including the effective date of the Responsibility Agreement, to the Director and the District Manager.

## 12. CERTIFICATE OF REQUIREMENT

1. Pursuant to Section 197 of the EPA, no person having an interest in the Property, shall deal with the Property in any way without first giving a copy of this Approval to each person acquiring an interest in the Property as a result of the dealing.
2. The Owner shall:
  - a. within **sixty (60) days** of the date of the issuance of this Approval, submit to the Director for their review, two copies of a completed Certificate of Requirement and a registerable description of the Property; and
  - b. within **ten (10) calendar days** of receiving the Certificate of Requirement authorized by the Director, register the Certificate of Requirement in the appropriate Land Registry Office on title to the Property and submit to the Director the duplicate registered copy immediately following registration.
3. For the purposes of this condition, Property shall mean the property located at Part Lot 101, GCT, Plan 58R2692 Parts 1 to 9, Township of Woolwich.

*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 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 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.
7. Condition 7 is imposed to ensure that the effluent discharged from the Works to the groundwater meets the Ministry's effluent quality requirements thus minimizing environmental impact on the receiver.
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 effluent limits specified in the Approval and that the Works does not cause any impairment to the receiving watercourse.
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. Condition 10 is included to ensure that any components of un-used Works are properly decommissioned.
11. Condition 11 is included to ensure that there is a Responsibility Agreement in place between the Owner and the Municipality prior to construction of the Works so that, in the event that the Owner is unable to continue to provide sewage service, the Municipality may be able to assume ownership and operation of the Works.
12. Condition 12 is included in order to require the Owner to give notice of this Approval to potential future owners of the property before the property is dealt with.

## **Schedule A**

1. Application for Environmental Compliance Approval for Municipal and Private Works, dated December 13, 2021 and received on December 15, 2021, submitted by Floradale Parkview Non - Profit Manors Inc., including the design brief, final plans, specifications and all supporting documentation submitted in support of this application.
2. Parkview Manor Stormwater Management Report 2021 (revised June 2022), Floradale Parkview Manors Inc., prepared by Trevor Kuepfer, P.Eng. of R.J. Burnside & Associates Limited.
3. Email correspondence from Anne Egan, P.Eng. of R.J. Burnside & Associates Limited, dated December 6, 2022, including the attachment titled "Proposed Onsite Sewage System Updates: Proposed Reserve Leaching Bed Area", dated December 5, 2022 and prepared by R.J. Burnside & Associates Limited.

## Schedule B

### Final Effluent Compliance Limits

<b>Final Effluent Parameter</b>	<b>Averaging Calculator</b>	<b>Limit</b> (maximum unless otherwise indicated)
CBOD5	Single Sample Result	25 mg/L
Total Suspended Solids	Single Sample Result	30 mg/L
pH	Single Sample Result	between 6.0 - 9.5 inclusive



## Schedule C

### Monitoring Program

#### Influent

- Outlet of Septic Tank

Parameters	Sample Type	Minimum Frequency
BOD5	Grab	Monthly
Total Suspended Solids	Grab	Monthly

#### Final Effluent

- Treated effluent from the Waterloo Biofilter treatment system prior to discharge to the subsurface disposal bed

Parameters	Sample Type	Minimum Frequency
CBOD5	Grab	Monthly
Total Suspended Solids	Grab	Monthly
pH	Grab/Probe/Analyzer	Monthly

#### Groundwater Monitoring Table

<b>Sampling Location</b>	Down-gradient monitoring wells MW7 and MW8
<b>Frequency</b>	Annually (in fall)
<b>Sample Type</b>	Grab
<b>Parameters</b>	Nitrate - Nitrogen Nitrite - Nitrogen Total Ammonia Nitrogen Total Phosphorus

#### Surface Water Monitoring Table

<b>Sampling Location</b>	Woolwich Reservoir (SW1)
<b>Frequency</b>	Annually (in fall)
<b>Sample Type</b>	Grab
<b>Parameters</b>	Nitrate - Nitrogen Nitrite - Nitrogen Total Ammonia Nitrogen Total Phosphorus

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the 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:

Registrar\*  
Ontario Land Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5  
OLT.Registrar@ontario.ca

and

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

and

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

\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](http://www.olt.gov.on.ca)

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

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

DATED AT TORONTO this 9th day of December, 2022



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

SW/

c: District Manager, MECP Guelph District Office  
Anne Egan, Trevor Kuepfer & Paul MacIntyre, RJ Burnside & Associates Limited