AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 6884-DNJMKW
Issue Date: November 26, 2025

Parkbridge Lifestyle Communities Inc.
70 Huron St
Collingwood, Ontario
L9Y 3Z1

Site Location: 6621 Vista Patrick Private
City of Ottawa
K4P 1C9

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 Works for the treatment of sanitary sewage and subsurface disposal of treated effluent from 39 year-long retirement residences (33 existing and 6 new, all are small detached homes) at the above site location, rated at a Maximum Daily Flow of 39,000 litres per day, consisting of the following:

PROPOSED WORKS

Pump Stations

- Raw sewage generated from all residences on the property is collected and conveyed to two existing pump chambers, each with a capacity of a 4,550 L (may be plumbing under Ontario Building Code). The chambers are constructed of precast concrete and are equipped with submersible sewage pumps. Although each 4,550-L pump chamber houses a duplex submersible pump system (one duty and one standby), the System 1A chamber is rated at 2.20 L/s at a total dynamic head (TDH) of 7.3 m, while the System 1C chamber is rated at 2.41 L/s at 8.2 m TDH. The pumped effluent is discharged via a 50 mm diameter HDPE forcemain to the Waterloo Biofilter Sewage Treatment System.

Waterloo Biofilter Sewage Treatment System with WaterNOx-LS™ add-on

- The system receives raw sewage from the upstream pumping stations into the first of three (3) anaerobic digester tanks, each with a capacity of 41,000 L and arranged in series. The inlet of each tank is fitted with an innertube. The outlet of Tank #1 is equipped with two (2) effluent filters, Tank #2 has a baffle at its outlet, and Tank #3 is fitted with three (3) effluent filters.

- Effluent from the third anaerobic digester tank flows by gravity into a 41,000 L biofilter dosing tank. This tank is equipped with two (2) submersible effluent pumps operating on an alternating timer. The pumps dose the effluent to three (3) basket biofilter tanks, each with a capacity of 30,000 L. Each biofilter tank houses two (2) baskets, each filled with 10 m^3 of biofilter medium (60 m^3 in total).
- Basket Biofilter Tank #1 is equipped with four (4) submersible effluent pumps: two (2) operating on separate timers and two (2) operating on an alternating timer. The first simplex pump doses a maximum of 8,250 L/day to the baskets located in Biofilter Tanks #1, #2, and #3. Effluent is evenly distributed across the surface of the biofilter medium and treated as it percolates through the media. Small, low-voltage air fans and passively vented lids maintain aerobic conditions within the baskets. The tanks are interconnected by bottom drains, allowing effluent to collect on the tank floors and mix with effluent from the six (6) large baskets.
- The second simplex pump in Basket Biofilter Tank #1 recirculates a portion of the treated effluent back to the inlet of Anaerobic Digester Tank #2.
- The duplex pumps in Basket Biofilter Tank #1 transfer effluent to a 45,000 L WaterNOx-LS™ tank, which is filled with media designed for denitrification of nitrified effluent. The system uses a submerged up-flow configuration containing a mixture of agricultural sulphur and limestone. Sulphur-oxidizing bacteria (SOB) convert nitrate to nitrogen gas through autotrophic denitrification, eliminating the need for an external organic carbon source. Limestone naturally buffers the pH, while SOB obtain carbon from inorganic compounds, primarily dissolved carbon dioxide or bicarbonate present in the wastewater.
- Effluent from the WaterNOx-LS™ tank flows by gravity into an 18,500 L closed-loop basket biofilter tank. This tank is equipped with four (4) submersible effluent pumps: two (2) operating on separate timers and two (2) operating on alternating demand.
- The first simplex pump in the closed-loop basket biofilter tank doses up to 8,250 L/day to two (2) baskets located within the same tank, each containing 6.3 m^3 of biofilter medium (12.6 m^3 total). Effluent is evenly distributed across the surface of the media and treated as it percolates through the interior. Aerobic conditions are maintained by a small, low-voltage air fan and passively vented lids. Treated effluent collects on the floor of the tank.

- The second simplex pump in the closed-loop basket biofilter tank doses up to 8,250 L/day to a 10,000 L closed-loop WaterNOx-LS™ tank containing denitrifying media. Effluent from the closed-loop WaterNOx-LS™ tank then flows by gravity back into the closed-loop basket biofilter tank.
- The duplex pumps in the closed-loop basket biofilter tank convey the final effluent to the distribution box of the Type A dispersal bed. These dosing pumps shall be sized to deliver a volume equal to at least 75% of the internal volume of the distribution piping within a maximum dosing time of fifteen (15) minutes. Each pump shall be equipped with an audible and visual alarm system to indicate a high-water level in the pump chamber.

- An above-ground control building houses two (2) metering pumps. The first metering pump doses an alkalinity adjustment chemical (magnesium hydroxide or equivalent) to the inlet of Anaerobic Digester Tank #3. The second metering pump doses a contingency ‘jumpstart’ bacterial culture to the inlet of the biofilter dosing tank. All pumps are controlled by Waterloo Smart Panel(s), which provide remote monitoring, control, and data logging via a secure wireless cellular network. This functionality enables

real-time operational adjustments to optimize system performance and immediately alerts the service provider of pump failures or high-level alarms, reducing site visits while ensuring continuous system operation.

Type A Dispersal Bed (Q=39,000 L/d)

- A Type A raised dispersal bed system is designed for a daily flow of 39,000 L/day (Q = 39,000 L/day). The bed measures 60 m by 16 m, covering an area of 960 m², and is constructed on imported sand with a minimum thickness of 300 mm. The sand has a T-time of 6–10 min/cm and contains no more than 5% fines passing a 0.074 mm (No. 200) sieve. This layer is placed over native soil with a T-time of 12 min/cm.
- The sand layer is topped with a stone layer covering 784 m², with a minimum thickness of 300 mm. This layer is divided into four equal cells, each measuring 14 m × 14 m. Each cell contains 11 runs of perforated pipe (75 mm diameter) with a minimum orifice size of 0.3 mm and a slope of 0.3%. Each run is 12.2 m long, spaced at 1.2 m centre-to-centre, for a total of 44 runs across all four cells. The entire bed is finished with a 100 mm thick topsoil cover.
- The lowest point of the stone layer shall be positioned at least 600 mm above the most restrictive limiting layer, which may be the seasonal high groundwater table, bedrock, or soil with a percolation rate greater than 50 minutes/cm.
- A leaching bed shall not be located in any area where the average slope exceeds 1 vertical to 4 horizontal (25%). Furthermore, no part of the leaching bed shall be constructed on a slope steeper than this ratio.
- The leaching bed shall not be covered with any material having a hydraulic conductivity less than 0.01 m/day, to ensure proper infiltration, support transpiration, and prevent surface sealing.
- The header line and distribution pipes within the leaching bed shall be designed and installed to enable effective subsurface detection using suitable locating technologies.
- The stone layer shall be fully protected to prevent infiltration of soil or leaching bed fill material by covering it entirely with either untreated building paper or a permeable geotextile fabric, in accordance with applicable standards.
- The bed is equipped with an automatic distribution valve (Hydrotek Model 6606A or approved equivalent) featuring four 50 mm diameter PVC Schedule 40 outlets connected to header lines, each controlled by a 38 mm diameter gate valve. Treated effluent from the most downstream unit of the Waterloo Biofilter Treatment System is pumped into the distribution box through a 50 mm diameter forcemain, which transitions to a 38 mm Schedule 40 PVC pipe leading to the distribution valve. The valve is housed in a 1.2 m diameter precast concrete chamber (or approved equivalent) and covered with an insulated Polylok access lid measuring 900 mm × 600 mm.
- All are in accordance with the design drawings submitted with this Application, as well as the specifications outlined in the Ontario Building Code (OBC) and the Waterloo Biofilter manufacturer's

manual.

EXISTING WORKS

Decommissioning of Existing Sanitary Sewage Works

- The existing sewage works installed under ECA 4579-6C3G9B (issued in 2005) currently serving 33 residences will be decommissioned and replaced with the proposed system. Demolition will include two Advan-Tex package treatment units, two dispersal beds and two septic tanks. The two existing pump chambers downstream of the septic tanks will remain and will be used to pump to the proposed sewage treatment system.. The new system will utilize the existing collection network and two pumping chambers.

Continuation of Existing Stormwater Management Works

- The stormwater management system established under ECA 4579-6C3G9B will remain in operation. It consists of shallow grassed roadside swales underlain by perforated subdrains that discharge to an extended detention pond. The facility serves a drainage area of approximately 9.5 ha and receives flow from three storm inlet pipes discharging into the pond, which is lined with a geosynthetic clay liner.
- The pond provides a permanent pool storage volume of approximately 3,705 m^3 (from pond bottom to permanent pool level), with 600 m^3 reserved for fire suppression.
- An outlet control structure equipped with flow-restricting orifices releases runoff from all storm events, including 2- to 100-year storms, over a minimum period of 24 hours to attenuate peak post-development flows to pre-development levels.
- The facility also includes an emergency spillway and ultimately discharges to the existing common outlet ditch, which conveys flow via an arch pipe culvert across Mitch Owens Road to the Spratt Municipal Drain.

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

all in accordance with the submitted supporting documents listed in **Schedule A**

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

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

2. "BOD_5" (also known as $TBOD_5$) means five day biochemical oxygen demand measured in an unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;

3. "$CBOD_5$" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand

measured in an unfiltered sample;

4. "Commissioned" means the construction is complete and the system has been tested, inspected, and is ready for operation consistent with the design intent;

5. "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;

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. "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;

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

12. "Licensed Installer" means a person who is registered under the OBC to construct, install, repair, service, clean or empty on-site sewage systems;

13. "Maximum Daily Flow" means the largest volume of flow to be received during a one-day period for which the Works is designed to handle;

14. "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;

15. "OBC" means the Ontario Building Code, Ontario Regulation 163/24 (Building Code) as amended to January 1, 2025, made under the *Building Code Act,* 1992 , S.O. 1992, c. 23;

16. "Owner" means Parkbridge Lifestyle Communities Inc.and its successors and assignees;

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

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

19. "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.

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 more **than five (5) years**, the Owner shall submit an application for extension at least **twelve (12) months** prior to the end of the five (5) years from the day of issuance of this Approval. The application 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 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 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.

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 Installer or a Licensed Engineering Practitioner.

2. The Owner shall ensure that the Works are constructed such that minimum horizontal clearance distances as specified in the OBC are satisfied.

3. The Owner shall ensure that the treatment system (Waterloo Biofilter with WaterNOx-LS™ add-on) is installed in accordance with the manufacturer's installation manual.

4. The Owner shall ensure that any imported soil that is required for construction of the subsurface disposal bed as per this Approval is tested and verified by a Licensed Installer or a Licensed Engineering Practitioner for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.

5. Within **six (6) months** of the Works being Commissioned, the Owner shall prepare a statement, certified by a Licensed Installer or 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.

6. Within **six (6) months** of the Works being Commissioned, 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. 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 purpose of this Approval are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

2. Samples shall be collected at the sampling point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the Influent Monitoring Table included in **Schedule B**.

3. Samples shall be collected at the sampling point(s), at the sampling frequencies and using the sample

type specified for each parameter listed in the Effluent Monitoring Table included in **Schedule B**.

4. The Owner shall employ measurement devices to accurately measure quantity of effluent being discharged to 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 bed .

5. The Owner shall ensure that the flow of treated effluent discharged into the subsurface disposal bed **does not exceed 39,000 litres per day.**

6. The methods and protocols for sampling, analysis and recording shall conform, in order of precedence, to the methods and protocols specified in the following documents and all analysis shall be conducted by a laboratory accredited to the ISO/IEC:17025 standard or as directed by the District Manager:

    a. the Ministry's Procedure F-10-1, “Procedures for Sampling and Analysis Requirements for Municipal and Private Sewage Treatment Works (Liquid Waste Streams Only), as amended from time to time by more recently published editions;

    b. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended; and

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

7. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

6. EFFLUENT OBJECTIVES

1. The Owner shall design and undertake everything practicable to operate the Works in accordance with the Final Effluent parameters design objectives listed in the table(s) included in **Schedule B**.

2. For the purposes of subsection 1:

    a. The monthly average concentrations of CBOD5, TSS and TIN named in Column 1 of Effluent Objectives Table listed in **Schedule B**, as measured at each monitoring event, should be compared to the corresponding concentration set out in Column 2 of Effluent Objectives Table listed in **Schedule B**.

7. EFFLUENT LIMITS

1. The Owner shall design, construct, operate and maintain the Works such that the concentrations of the materials named as effluent parameters in the Effluent Limits Table in **Schedule B** are not exceeded in the effluent from the Works.

2. For the purposes of determining compliance with and enforcing subsection (1):

    a. The annual average concentration of $CBOD_5$ TSS & TIN named in Column 1 of the Effluent Limits Table listed in **Schedule B** shall not exceed the corresponding maximum concentration set out in Column 2 of the Effluent Limits Table listed in **Schedule B**..

8. 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 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 and 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 Spills Action Centre (SAC) and District Manager; and

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

3. The Owner shall maintain an up to date operations manual and make the manual readily accessible for reference at the Works' location for the operational life of the Works. Upon request, the Owner shall make the manual available to Ministry staff.

4. The Owner shall, upon completion of construction, prepare and make available for inspection by Ministry staff, a maintenance agreement with the manufacturer for the treatment process/technology or its authorized agent. The maintenance agreement must be retained at the site and kept current for the operational life of the Works.

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 the subsurface disposal bed, and that adequate steps are taken to ensure that the area of the underground Works is protected from vehicle traffic.

7. The Owner shall visually inspect the general area where Works are located for break-out once every month during the year-round operating season.

8. In the event a break-out is observed from a 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.

9. 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.

10. The Owner shall maintain a minimum 960 square metre vacant reserve area free from any structure, stockpile of materials or underground utilities, located at the above addressed site, as a contingency measure for future design, approval and construction of an additional or replacement subsurface disposal bed.

11. 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 operations and maintenance 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 specified in subsection 2 of Condition 7, 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 to the District Manager on an annual basis within 90 days following the end of the period being reported upon. The first such report shall cover the first annual period following the commencement of operation of the Works and subsequent reports shall be submitted to cover successive annual periods following thereafter. After the initial five years of reporting, the frequency may be adjusted to biennial (every two years), subject to satisfactory compliance and performance records, and in consultation with the District Manager. 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, and a contingency plan in the event of non-compliance with the effluent limits.

    c. a review and assessment of the performance of the Works, including all treatment units and the subsurface disposal bed;

    d. a description of any operating problems encountered and corrective actions taken for all Works located at the property;

    e. a record of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of all Works located at the property including but not limited to: records of maintenance inspections for the treatment system, records of septic tank effluent filters cleaning, records of septic tank pump-outs, records of sludge pump-outs accumulated from the treatment system, records of visual inspections of all subsurface disposal systems;

f. a summary of any effluent quality assurance or control measures undertaken in the reporting period;

g. a summary and interpretation of all daily flow data and results achieved in not exceeding the Maximum Daily Flow discharged into each one of the subsurface disposal system;

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

i. a summary of all spill or abnormal discharge events;

j. 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, treatment units 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 take all reasonable steps to enter into a duly signed Responsibility Agreement with the City of Ottawa 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.

Schedule A

1. Application for Environmental Compliance Approval submitted and signed by Nolan Ryan, Manager, Water, Wastewater and Environmental, Parkbridge Lifestyle Communities Inc., received on July 2, 2024 for the proposed Works, including Environmental Study Report, design report, final plans and specifications.

Schedule B

Influent Monitoring Table

Sampling Location	Upstream of the Treatment System
Frequency	8-hour composite
Sample Type	Grab
Parameters	BOD5 Total Suspended Solids (TSS) Total Kjeldahl Nitrogen (TKN) Total Phosphorus (TP)

Effluent Monitoring Table

Sampling Location	On discharge from the final Treatment System upstream from subsurface disposal bed
Frequency	Once a month
Sample Type	8-hour composite
Parameters	$CBOD_5$ Total Suspended Solids (TSS) Total Ammonia Nitrogen (TAN) Total Inorganic Nitrogen (TIN) Nitrate Nitrogen Nitrite Nitrogen Total Kjedhal Nitrogen (TKN) Total Nitrogen (TN) pH Temperature (ambient and wastewater) Total Phosphorus (TP) Alkalinity

Effluent Objectives Table

Effluent Parameter (tested on outlet from the final Waterloo Biofilter Treatment Units)	**Concentration Objective** (milligrams per litre unless otherwise indicated)
CBOD5	10
Total Suspended Solids	10
Total Inorganic Nitrogen	6

Effluent Limits Table

Effluent Parameter (tested on outlet from the final Waterloo Biofilter Treatment Units)	**Concentration Limit** (milligrams per litre unless otherwise indicated)
CBOD5	20
Total Suspended Solids (TSS)	20
Total Inorganic Nitrogen	10

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/limits specified in the Approval and that the Works does not cause any impairment to the groundwater and receiving surface water.

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 groundwater meets the Ministry's effluent quality requirements thus minimizing environmental impact on the groundwater and receiving surface water.

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 Works.

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.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 9016-A7EJ5K issued on November 2, 2016.

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

a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act,* a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar*
Ontario Land Tribunal

The Minister of the Environment,
Conservation and Parks

The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,

655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5 OLT.Registrar@ontario.ca	and	777 Bay Street, 5th.Floor Toronto, Ontario M7A 2J3	and	Conservation and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5

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

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

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

DATED AT TORONTO this 26th day of November, 2025

Fariha Pannu.

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

MK/
c: District Manager, MECP Ottawa
Steven Gagne, GHD Limited