

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 3790-DD62V2
Issue Date: March 17, 2025

Rainbow Valley Corporation Limited
1922 Rainbow Valley Road W
Minesing, Ontario
L9X 1G2

Site Location: 1789 Rainbow Valley Road West
Township of Springwater, County of Simcoe
L9X 1G8

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:

alteration of Works for the treatment of sanitary sewage and subsurface disposal of treated effluent from Rainbow Valley RV Park at the above site location, rated at a Maximum Daily Flow of 24,125 litres per day, consisting of the following:

Proposed Works

Servicing seasonal serviced sites (Sites ST-20 to ST-26, DT01 and DT02 - Total 9 sites)

Septic Tank (Septic Tank No. 2)

- one (1) 13,500 litres septic tank, complete with effluent filter, two (2) 600 millimetre diameter access risers (one for filter maintenance and one for sewage pump-outs), collecting sewage from nine (9) serviced trailer sites and discharging effluent to the pump tank (pump tank No 2) by gravity, as described below;

Effluent Pump Tank (Effluent Pump Station No.2)

- one (1) single compartment effluent pump tank with capacity of approximately 4,500 litres (1,000 gallon), complete with two (2) 600 millimetre diameter access risers (one for filter maintenance and one for sewage pump-outs) and one (1) effluent pump (rated at 46.5 GPM @ 16.2 feet TDH), collecting effluent from septic tank described above and discharging with demand dosing of 200 litres per dose via below described forcemain to existing Effluent Pump

Tank 1; and

- 50 millimetre diameter forcemain, discharging effluent from the above Effluent Pump Tank 2 to existing Effluent Pump Tank 1;

Sewage System No. 2 Servicing seasonal un-serviced sites (US01 and US20)

Sewage Dumping Station

- One (1) Sewage Dumping Station, receiving domestic sewage from 20 proposed un-serviced sites, discharging via a 100 millimetre diameter gravity sewer to Septic Tank No. 3 as described below;

Sewage Pump Station No. 3

- one (1) single compartment sewage pump tank with capacity of approximately 4,500 litres (1,000 gallon) receiving sewage from manager's residence, complete with two (2) 600 millimetre diameter access risers (one for filter maintenance and for sewage pump-outs) and a sewage pump rated at 43 GPM at 21.3 feet TDH and high-level alarm and floats, pump at a rate of 200 litres per dose, discharging via a forcemain to Septic Tank No. 3 as described below;

Septic Tank (Septic Tank No. 3)

- one (1) 27,500 litres septic tank receiving domestic sewage from the above described dump station, complete with effluent filter, two (2) 600 millimetre diameter access risers (one for filter maintenance and for sewage pump-outs), discharging effluent to the pump tank (Effluent Pump Tank 3) by gravity, as described below;

Effluent Pump Tank (Effluent Pump Tank 3)

- one (1) single compartment effluent pump tank with capacity of approximately 9,000 litres (2,000 gallon) having a minimum of 16 inches topsoil cover over top of tank, collecting effluent from Septic Tank No. 3 as described above, complete with two (2) 600 millimetre diameter access risers and two (2) effluent pumps, pumping 47.9 GPM at 9.7 feet TDH and high-level alarm and floats, with alternating timed dosing rate of 1,400 litres per dose and 6 doses per day, discharging via a forcemain as described below, to Raised Absorption Trench Field No. 2;
- 50 millimetre diameter forcemain discharging sewage from Effluent Pump Tank 3 to to Raised Absorption Trench Field No. 2; and

Sub-surface Sewage Disposal System (Raised Absorption Trench Field No. 2)

- one (1) raised absorption trench leaching bed, located at the north-eastern portion of the property, rated at a maximum design capacity of 8,400 L/day, divided into two (2) cells (cell #1 and cell #2), each cell consisting of twelve (12) runs of 15 metre long, 800 millimetre width, and 600 millimetre depth trenches, for a total length of 360 metres. Each trench is complete with 75 millimetres perforated distribution pipe installed in 300 millimetre depth clear stone layer with filter cloth on top of the stone and 300 millimetre depth imported sand

fill above the stone layer, spaced at approximately 1.6 m apart from centre to centre, underlain by 1.2 metres of imported sand fill with percolation time (T) of 6 to 8 minutes per centimetre, and 0.2 metres to 0.4 metres of topsoil/sod above the absorption trench leaching bed.

Works to be Decommissioned

- two (2) temporary sewage holding tanks, each approximately 4,500 litres (1,000 gallons) with the tanks outlet plugged/sealed, complete with high level alarm, collecting wastewater from the Caretaker's residence.

Existing Works

South Section Sewage System (Sewage System No. 1)

Septic Tank

- one (1) 27,500 litres (6,000 gallon) septic tank, complete with effluent filter, two (2) access risers, one for filter maintenance and for sewage pump-outs, collecting sewage from twenty-eight (28) serviced trailer sites and discharging effluent to the pump tank, by gravity, as described below;

Effluent Pump Tank

- one (1) single compartment effluent pump tank with capacity of approximately 9,000 litres (2,000 gallon), complete with two (2) access risers and two (2) effluent pumps (Liberty FL41M or equivalent), collecting effluent from septic tank described above and alternately dosing to north pod#1 and south pod#2 of the existing sub-surface disposal bed described below.

Sub-surface Sewage Disposal System

- one (1) existing raised absorption trench leaching bed with 75 millimetres (3 inch) perforated distribution pipe for a total length of 658 metres, divided into two (2) pods (north pod#1 and south pod#2), each pod consisting of eighteen (18) runs of 18.3 metre long trenches, with pipe embedded in 0.3 metres (1 foot) of stone layer underlain by 0.9 metres of imported with percolation time (T) of 8 minutes per centimetre and 0.3 metres of topsoil/grass above the stone layer, installed 1.5 metres (5 feet) centre to centre.

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. "Commissioned" means the construction is complete and the system has been tested, inspected, and is ready for operation consistent with the design intent;
3. "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;
4. "District Manager" means the District Manager of the appropriate local district office of the Ministry where the Works is geographically located;
5. "EPA" means the *Environmental Protection Act* , R.S.O. 1990, c.E.19, as amended;
6. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;
7. "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;
8. "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;
9. "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;
10. "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;
11. "Owner" means Rainbow Valley Corporation Limited and its successors and assignees;
12. "OWRA" means the *Ontario Water Resources Act* , R.S.O. 1990, c. O.40, as amended;
13. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
14. "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/MNRF necessary to construct or operate the sewage works; or
 - b. limit in any way the authority of the Ministry to require certain steps be taken to require the Owner to furnish any further information related to compliance with this Approval.

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 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 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 an imported soil that is required for construction of any subsurface disposal bed as per this Approval is tested and verified by the Licensed Engineering Practitioner for the percolation time (T) prior to delivering to the site location and the written records are kept at the site.
4. Within six (6) months of the Works being Commissioned, 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. 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. OPERATIONS, MAINTENANCE AND RECORDING

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 ensure that the septic tanks are pumped out every 3-5 years or when the tanks are 1/3 full of solids and the effluent filters are cleaned out at minimum once a year (or more often if required).
3. 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.
4. The Owner shall visually inspect the general area where Works are located for break-out once every month during the operating season.
5. 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.
6. The Owner shall maintain a logbook to record the results of operation and maintenance activities specified in the above sub-clauses, and shall keep the logbook at the site and make it available for inspection by the Ministry staff.
7. The Owner shall ensure that the flow of treated effluent discharged into the subsurface disposal bed does not exceed 16,450 litres per day for Raised Absorption Trench Field No.1 and 8,400 litres per day for Raised Absorption Trench Field No.2 respectively.
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 operation and maintenance activities required by this Approval.

6. REPORTING

1. One (1) week prior to the start up of the operation of the Proposed Works, the Owner shall notify the District Manager (in writing) of the pending start up date.
2. In addition to the obligations under Part X of the 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.

7. 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.

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 require that the Works be properly operated, maintained, and equipped such that the environment is protected.
6. Condition 6 is included to ensure the Ministry is given prior notice of the pending start up date of the Works and all reportable spills are properly dealt with, documented and reported.
7. Condition 7 is included to ensure that any components of un-used Works are properly decommissioned.

Schedule A

1. Application for Environmental Compliance Approval submitted by Robert Denis, President of Rainbow Valley Corporation Limited, received on October 30, 2023 for the proposed Expansion of Subsurface Sewage System at Rainbow Valley RV Park located at 1789 Rainbow Valley Road West, including design report, final plans and specifications.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s) 9277-C2XUGZ issued on June 7, 2021.

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
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

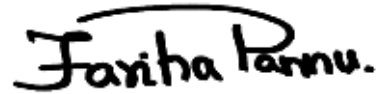
*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca**

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 17th day of March, 2025



Fariha Pannu, P.Eng.

Director

appointed for the purposes of Part II.1 of the
Environmental Protection Act

SN/

c: District Manager, MECP Barrie
Eric Gunnell, Gunnell Engineering Ltd.