

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 8214-DXHPBV

Issue Date: October 22, 2026

The Osler Bluff Ski Club Limited
795534 Blue Mountains Clearview Tline
The Blue Mountains, Ontario
L9Y 0R7

Site Location: 795534 The Blue Mountains Clearview Townline
Town of The Blue Mountains, County of Grey

*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:*

establishment, use and operation of new and existing sewage Works at the Osler Bluff Ski Club for the collection, treatment of sanitary sewage and subsurface disposal of treated effluent, to service 77 seasonal residential cottages, a Ski Chalet and other ancillary buildings, consisting of the following:

PROPOSED WORKS:

Lot 52

Location: 125 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 3,500 L/day, consisting of the following:

Proposed Waterloo Biofilter Anaerobic Digester

- one (1) 6,615 L Waterloo Biofilter anaerobic digester tank complete with 700 L inner tube and internal pump chamber, discharging to the Waterloo Biofilter treatment system;

Proposed Waterloo Biofilter Treatment System

- one (1) Waterloo Biofilter Basket tank, equipped with model BA-35 baskets containing a minimum volume of 4.9 cubic meters of foam filter media and an effluent pump discharging effluent to the Type A dispersal bed at a dosing rate of 183 L/min;

Proposed Type A Dispersal Bed

- one (1) raised Type A dispersal bed consisting of a stone layer having an area of 70 square metres, a minimum thickness of 200 millimetres and protected with a permeable geo-textile fabric, overlying an imported sand layer having an area of 438 square metres, a minimum thickness of 300 millimetres and a sand

percolation time of 6 to 10 minutes per centimetre, complete 9 runs of 75 mm diameter perforated pipes each 5.8 m long spaced 1.0 m apart within the stone layer, and a sand mantle extending a minimum of 15 metres beyond the outermost edge of the stone layer in any direction in which the effluent entering the soil will move horizontally away from the dispersal bed.

Lot 72

Location: 105 Orchard Lane

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,100 L/day, consisting of the following:

Proposed Waterloo Biofilter Anaerobic Digester

- one (1) 4,720 L Waterloo Biofilter anaerobic digester tank complete with 500 L inner tube and internal pump chamber, discharging to the Waterloo Biofilter treatment system;

Proposed Waterloo Biofilter Treatment System

- one (1) Waterloo Biofilter Basket tank, equipped with model BA-25 baskets containing a minimum volume of 3.5 cubic meters of foam filter media and an effluent pump discharging effluent to the Type A dispersal bed at a dosing rate of 189 L/min;

Proposed Type A Dispersal Bed

- one (1) raised Type A dispersal bed consisting of a stone layer having an area of 35 square metres, a minimum thickness of 200 millimetres and protected with a permeable geo-textile fabric, overlying an imported sand layer having an area of 285 square metres, a minimum thickness of 600 millimetres under the stone layer and 300 mm elsewhere and a percolation time of 6 to 10 minutes per centimetre, complete with 3 runs of 75 mm diameter perforated pipes each 9.8 m long and spaced 1.0 m apart within the stone layer, and a sand mantle extending a minimum of 15 metres beyond the outermost edge of the stone layer in any direction in which the effluent entering the soil will move horizontally away from the dispersal bed.

EXISTING WORKS:

Lot 1

Location: 795538 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,200 L/day, consisting of the following:

Existing Septic Tank

- a two-compartment precast concrete septic tank having a minimum capacity of 4,500 L equipped with an effluent filter (EFT-080) on an outlet from the tank, and discharging effluent via gravity to the Ecoflo Biofilter treatment unit as described below;

Existing Ecoflo Treatment System

- an in-ground Ecoflo Biofilter treatment unit with a collecting bottom (Model No. STB-650) discharging effluent via gravity to a dosing chamber as described below;

Existing Dosing Chamber

- a 610 mm dia x 1.3 m high polyethylene effluent dosing chamber (PSA-240 L) equipped with one (1) effluent submersible pump, on/off float and integrated visual and audible alarm unit, discharging a dosing volume of 150 L within 15 minutes via a 38 mm dia forcemain to the area bed as described below;

Existing Area Bed

- an above-grade area bed having a stone area of 30 sq.m and a contact area of approximately 147 sq.m, consisting of four (4) lines of 75 mm dia distribution piping installed within 300 mm deep layer of crushed clear stone (15-50 mm dia) overlaying a 300 mm deep layer of a sand (with a percolation time of 6 min/cm to 10 min/cm) extending a minimum of 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the filter bed.

Lot 2

Location: 155 Shaws Road

Description of Sewage Works: Class 4 Sewage System consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 6 m by 20 m.

Lot 3

Location: 153 Shaws Road

Description of Sewage Works: Class 4 Sewage System consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L, equipped with an effluent filter;

- *Existing Aerobic Treatment System;*
- *Existing Leaching Bed: 5 m by 6 m.*

Lot 4

Location: 151 Shaws Road

Description of Sewage Works: Class 4 Sewage System with a rated capacity of 2,839 L/day, consisting of the following:

- *Existing Septic Tank:* a two-compartment septic tank having a capacity of 4,500 L, equipped with an effluent filter;
- *Existing Multi-Flo Aerobic Treatment System;*
- *Existing Leaching Bed* of unknown size.

Lot 5

Location: 147 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed: 7 m by 12 m.*

Lot 6

Location: 145 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a two-compartment septic tank having a capacity of 4,500 L and equipped with effluent filter;
- *Existing Ecoflo Biofilter Treatment System;*
- *Existing Leaching Bed: 7 m by 13 m.*

Lot 7

Location: 143 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed: 7 m by 15 m.*

Lot 8

Location: 141 Shaws Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,200 L/day, consisting of the following:

Existing Septic Tank

- one (1) dual compartment septic tank having a capacity of approximately 4,500 litres fitted with an approved effluent filter on the outlet pipe, receiving wastewater from the four (4) bedroom dwelling and discharging effluent to the Ecoflo treatment system described below by gravity;

Existing Ecoflo Treatment System

- one (1) inground Ecoflo biofilter (Model STB-650BR) having a capacity of 2,200 litres per day, complete with one (1) effluent pump discharging treated effluent to the subsurface sewage disposal system described below at a maximum dosing rate of 89 litres per dose and equipped with visual and audible alarm system; and

Existing Area Bed

- one (1) raised area bed, having a stone area of approximately 30 square metres, equipped with five (5) runs of 5.4 metres long 75 millimetre diameter perforated distribution pipes, installed in a continuous 300 millimetre deep layer of 19 millimetre clear stone protected with a permeable geotextile fabric stone, and a sand area of approximately 275 square metres consisting of 600 millimetre deep imported sand layer of percolation time, T of 6 to 10 minutes per centimetre and complete with a minimum 300 millimetre thick sand fill mantle of percolation time, T of 6 to 10 minutes per centimetre extending at over 15 metres beyond the outer distribution pipes in the direction in which the effluent from the area bed will move laterally.

Lot 9

Location: Lot 9 (On Hill)

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 4,000 L/day, consisting of the following:

Existing Septic Tank

- One (1) two-compartment septic tank with a minimum capacity of 8,000 litres, equipped with an approved effluent filter on the outlet pipe, receiving sewage from the cottage and discharging effluent to the Ecoflo Treatment Units described below;

Existing Ecoflo Treatment System

- two (2) in-ground Premier Tech Ecoflo Biofilter (model STB-650B-H2+3/BR)

concrete treatment units, with a minimum capacity of 2,200 litres each, installed in parallel, equipped in one unit with one (1) submersible effluent pump designed to flow rate of 205 litres per dose, receiving sewage from the treatment units and pumping to the filter bed described below;

Existing Type A Dispersal Bed

- one (1) in-ground raised Type "A" Dispersal Bed, with the percolation rate of native soil (T-time) at 50 minutes per centimetre, constructed with five (5) rows of 75 millimetres diameter perforated pipes, each approximately 12 metres long equally spaced 1.2 metre apart from centre to centre, all installed in a 250 millimetres deep continuous stone layer covered with a permeable geo-textile fabric, with a total contact area of 80 square metres (6 metres x 13.5 metres), extending to a minimum 15 metres mantle beyond the outer distribution pipes, laying on top of a minimum of 450 millimetres deep filter medium as per the OBC requirements, and base of the filter sand medium extend to a thickness of 250 millimetres over an area of 500 square metres.

Lot 10

Location: Lot 10 (On Hill)

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 4 m by 8 m.

Lot 11

Location: Lot 11 (On Hill)

Description of Sewage Works: Class 5 Sewage System, consisting of the following:

- *Existing Holding Tank* having a capacity of 13,500 L.

Lot 13

Location: Lot 13 (On Hill)

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 5 m by 9 m.

Lot 14

Location: 129 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 6 m by 8 m.

Lot 15

Location: 127 Valley Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,950 L/day, consisting of the following:

Existing Septic Tank

- a two-compartment septic tank having a minimum capacity of 6,819 litres, complete with an effluent filter to screen out particles larger than 3.2 mm, discharging into the Ecoflo Biofilter treatment tanks;

Existing Ecoflo Treatment System

- two (2) in-ground Ecoflo Biofilter treatment tanks (Model STB-650B and Model STB-650BR), operating in parallel;

Existing Effluent Pump

- one (1) effluent pump is equipped inside an Ecoflo Biofilter tank, with visual and audible alarm unit, discharging into an absorption system with a maximum dosing rate of 198 litres per dose;

Existing Area Bed

- a raised absorption area bed (6 metres by 6.6 metres) system consisting of the following:
 - a stone area of 39.3 square metres consisting of a 300 millimetre thick layer of 19 millimetre clear stone protected with a permeable Geotextile fabric equipped with five (5) runs of 6 metre long and 75 millimetre diameter distribution pipes;
 - a sand area of 369 square metres consisting of an imported sand layer with a minimum thickness of 450 millimetres and a percolation time of 6 to 10 minutes per centimetre, extending at least 15 meters beyond the outer distribution pipes in a direction which the effluent enter the sand layer will move horizontally;
 - a 300 millimetres thick sand fill mantle on top of the aforementioned stone layer.

Lot 16

Location: 113 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 8 m by 12 m.

Lot 17

Location: 111 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 10 m by 12 m.

Lot 18

Location: 109 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 8 m by 10 m.

Lot 19

Location: 107 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 8 m by 10 m.

Lot 20

Location: 112 Valley Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,525 L/day, consisting of the following:

Existing Septic Tank

- one (1) 5,900 L two-compartment septic tank complete with an effluent filter, discharging into the treatment unit described below;

Existing Ecoflo Treatment System

- one (1) in-ground Ecoflo Biofilter treatment unit (Model STB-840BR), complete

with one (1) effluent pump rated at 1.19 L/s discharging at a maximum dosing rate of 105 L/dose to the dispersal bed described below;

Existing Type A Dispersal Bed

- one (1) raised type "A" dispersal bed consisting of a stone area of approximately 35.5 square metres comprised of 19 mm diameter clear stone layer 200 mm thick wrapped in filter fabric containing four (4) runs of distribution pipe 7.9 metres long and 75 mm in diameter over a sand area of approximately 315 square metres with a minimum thickness ranging from 600 mm directly below the stone layer sloping to 300 mm for the extended contact area at a percolation time of 6-10 mins/cm extending at least 15 metres beyond the distribution piping in the direction of effluent flow.

Lot 21

Location: 116 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 7 m by 16 m.

Lot 22

Location: 120 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 7 m by 8 m.

Lot 23

Location: 124 Valley Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 4,400 L/day, consisting of the following:

Existing Septic Tank

- a two-compartment septic tank having a minimum capacity of 9,100 L fitted with an effluent filter on its outlet that at minimum screens out particles larger than 3.2 mm, discharging via gravity to two (2) Ecoflo Biofilter treatment units as described below;

Existing Ecoflo Treatment System

- two (2) Ecoflo Biofilter treatment units with collecting bottoms (Model No. STB-650 BR) per manufacturers specifications, equipped with an integrated pump with on/off floats and visual and audible alarm system, discharging a dosing volume of 300 L within 15 minutes via a forcemain to the area bed as described below;

Existing Area Bed

- An absorption system comprised of a stone layer overlying an unsaturated sand layer and having a total minimum depth of 500 mm consisting of a 88 m² stone layer comprised of at least 200 mm layer of stone meeting requirements of OBC (8.7.3.3) with eight (8) lines of 75 mm dia distribution piping installed within the stone layer, overlying an unsaturated 300 mm deep layer of a sand covering an area of 264 m² (11 m width x 24 m length) with a percolation time of 6 min/cm to 10 min/cm with less than 6% silt content passing the No. 200 sieve, complete with a minimum 300 mm thick sand mantle (T = 6 - 10 min/cm) extending a minimum of 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the area bed.

Lot 24

Location: 128 Valley Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 7 m by 11 m.

Lot 25

Location: 795534 The Blue Mountains Clearview Townline Unit #6

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed* of unknown size.

Lot 27

Location: 140 Shaws Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,000 L/day, consisting of the following:

Existing Septic Tank

- One (1) 9,000 L two-compartment septic tank complete with effluent filter, discharging to the treatment unit described below via one (1) effluent pump rated

at 1.95 L/s discharging at a maximum dosing rate of 255 L/dose;

Existing Ecoflo Treatment System

- One (1) in-ground Ecoflo Biofilter treatment unit (Model STB-840BR), complete with one (1) effluent pump rated at 1.50 L/s discharging at a maximum dosing rate of 103 L/dose to the dispersal bed described below;

Existing Type A Dispersal Bed

- One (1) raised type "A" dispersal bed consisting of a stone area of approximately 37.8 square metres comprised of 19 mm diameter clear stone layer 200 mm thick wrapped in filter fabric containing four (4) runs of distribution pipe 7.8 metres long and 75 mm in diameter over a sand area of approximately 350 square metres with a minimum thickness ranging from 600 mm directly below the stone layer sloping to 300 mm for the extended contact area at a percolation time of 6-10 mins/cm extending at least 15 metres beyond the distribution piping in the direction of effluent flow.

Lot 28

Location: 142 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 8 m by 11 m.

Lot 29

Location: 144 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed* of unknown size.

Lot 29A

Location: 146 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L, equipped with effluent filter;
- *Existing Leaching Bed*: 8 m by 10 m.

Lot 30

Location: 148 Shaws Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 4,200 L/day, consisting of the following:

Existing Septic Tank

- a two-compartment precast concrete septic tank having a minimum capacity of 9,000 litres, complete with an effluent filter to screen out at minimum particles larger than 3.2 mm, discharging effluent via gravity to the pump chamber;

Existing Pump Chamber

- a single compartment precast concrete pump chamber equipped with one (1) 1/2 HP submersible effluent pump, On/Off floats and high level alarm system, discharging a dosing volume of 33 to 50 litres per dose (6 to 9 L/m³ of foam media per dose) via a 50 millimetre diameter forcemain to the Waterloo Biofilter tertiary treatment units;

Existing Waterloo Treatment System

- four (4) Waterloo Biofilter treatment units ("Flat Bed"s, Model FB-1000), each having a treatment rated capacity of 1,065 litres per day, installed directly on an absorption system beneath the treatment units;

Existing Absorption System

- a stone area of 84 square metres consisting of a minimum 200 millimetre thick layer of 19 millimetre clear stone protected with a permeable Geotextile fabric covering all areas beyond the confines of the Waterloo Biofilter treatment units;
- a sand area of 247 square metres consisting of a layer of sand with a minimum thickness of 300 millimetres and a percolation rate of 6 to 10 minutes per centimetre; and
- a cover layer comprising sand backfill and topsoil on the top of the absorption system that is no less than 200 millimetres and no more than 300 millimetres thick.

Lot 31

Location: 169 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,250 L;
- *Existing Aquarobic Treatment System*;
- *Existing Leaching Bed*: 4 m by 6 m.

Lot 32

Location: 163 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L, equipped with effluent filter;
- *Existing Leaching Bed*: 9 m by 10 m.

Lot 33

Location: 155 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 9 m by 11 m.

Lot 34

Location: 153 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 5 m by 7 m.

Lot 35

Location: 147 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 3,800 L/day, consisting of the following:

Existing Septic Tank

- one (1) two-compartment septic tank with a minimum capacity of 7,600 Litres (L), to be equipped with an OBC approved effluent filter on outlet pipe and access risers to grade, collecting wastewater from the 5-bedroom dwelling and discharging via gravity into two (2) Ecoflo Biofilter treatment units as described below;

Existing Ecoflo Treatment System

- two (2) in-ground Ecoflo Biofilter treatment units (Model STB-650B-H2+3 and Model STB-650BR-H2+3), each unit rated at 2,000 L/d (4,000 L/d in total), both units connected at the bottom; the second Ecoflo Treatment Unit (STB-650BR-H2+3) has an integrated pump vault and is equipped with a visual/audible high level alarm system, and one (1) submersible effluent pump, discharging treated effluent at a maximum dosing rate of 192 litres per dose and a maximum daily flow rate of 3,800 L/d, with TDH of 4.5 m, to a Type A dispersal bed, as described below;

Existing Type A Dispersal Bed

- one (1) raised Type A dispersal bed consisting of seven (7) runs of 75 mm diameter distribution piping, each 9.8 m long, installed 0.95 m apart centre to centre, installed within a minimum 250 mm thick stone layer area of 77.0 m² (7.0 m x 11.0 m) overlying a minimum 450 mm thick sand layer area (directly beneath the stone layer), and including a minimum 250 mm thick sand mantle area (percolation rate of 6 to 10 min/cm) extending at least 15 m beyond the perimeter of the distribution pipes in any direction that the effluent entering the soil will move horizontally, with a total sand area of 475 m².

Lot 36

Location: 141 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a two-compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed:* 7.5 m by 10 m.

Lot 37

Location: 139 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 3,000 L/day, consisting of the following:

Existing Septic Tank

- one (1) 6,000 L two-compartment septic tank, equipped with two (2) watertight access risers to grade and an OBC approved effluent filter installed on an outlet discharging the effluent to the Ecoflo treatment unit as described below;

Existing Ecoflo Treatment Unit

- two (2) Ecoflo Biofilter treatment units Model STB-650BR in parallel, each with a capacity of 2,200 L/d and discharging the effluent to an absorption area bed as

described below;

Existing Absorption Area Bed

- one (1) raised above the grade absorption area bed, consisting of a 4.5 m x 9.0 m x 0.25 m deep stone layer, with the bottom of the stone layer constructed at a minimum of 0.6 m above the high groundwater level, rock or impermeable soil, overlying a 20.0 m x 20.0 m import sand layer (T = 6 - 10 min/cm) with 0.45 m deep under crush stone layer, and 0.25 m deep for the mantle extending at least 15 m beyond the perimeter of the stone area in any direction which effluent will move horizontally away from the absorption area bed, all in accordance with OBC requirements.

Lot 38

Location: 133 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 1,800 L;
- *Existing Leaching Bed*: 4 m by 10 m.

Lot 39

Location: 130 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 5 m by 10 m.

Lot 40

Location: 129 Shaws Road

Description of Sewage Works: Class 5 Sewage System, consisting of the following:

- *Existing Holding Tank* having a capacity of 18,000 L.

Lot 41

Location: 127 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;

- *Existing Leaching Bed:* 8 m by 14 m.

Lot 42

Location: 121 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed:* 8 m by 8 m.

Lot 43

Location: 115 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a single compartment septic tank having a capacity of 2,700 L, equipped with an effluent filter;
- *Existing Leaching Bed:* 7 m by 9 m.

Lot 45

Location: 104 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank:* a two-compartment septic tank having a capacity of 4,500 L, equipped with an effluent filter;
- *Existing Leaching Bed:* 7 m by 12 m.

Lot 46

Location: 108 Shaws Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 1,100 L/day, consisting of the following:

Existing Septic Tank

- one (1) 3,600 litre septic tank, discharging via a gravity pipe to a pump chamber;

Existing Pump Chamber

- one (1) 680 litre pump chamber, equipped with one pump with a rated capacity of 211 litres per minute at a total dynamic head of 4.8 metres, discharging to a filter bed at a dosing rate of 80 litres per dose; and

Existing Filter Bed

- one (1) partially raised filter bed consisting of the following:
 - an effective area of 20.16 square metres, consisting of a 300 millimetre thick stone layer equipped with four (4) runs of 3.6 metre long and 75 millimetre diameter distribution pipes, and 750 millimetres thick imported sand filter medium with a percolation time of 6 minutes per centimetre, completed with a 300 millimetres thick sand fill mantle;
 - a filter bed base with an area of 65 square metres (8.0 metres by 8.5 metres), consisting of a sand filter media layer with a thickness of 250 millimetres; and
 - a loading area, 270 square metres (12.8 metres by 21.5 metres), consisting of a layer imported sand, 150 millimetres in thickness under the filter medium base area and 250 millimetres in thickness at the extended area.

Lot 47

Location: 110 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 11 m by 12 m.

Lot 48

Location: 112 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 5 m by 14 m.

Lot 49

Location: 120 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 5 m by 14 m.

Lot 50

Location: 122 Shaws Road

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 2,700 L;

- *Existing Leaching Bed:* 5 m by 8 m.

Lot 51

Location: 128 Shaws Road

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,500 L/day, consisting of the following:

Existing Septic Tank

- one (1) dual compartment precast concrete septic tank sized according to the OBC, having a capacity of approximately 5,000 litres and fitted with an approved effluent filter on the outlet pipe which will screen out particles larger than 3.2 millimetres, complete with risers to the surface and an audible and visible high-water alarm system, receiving wastewater from the existing five (5) bedroom dwelling and discharging effluent to the pump chamber described below by gravity;

Existing Pump Chamber

- one (1) 3,000 litre precast concrete pump chamber complete with an audible and visible high level alarm system and equipped with a simplex 0.4 horsepower submersible sewage pump (Myers SRM4 or Equivalent Equipment), that is accessible from the surface via an access hatch that is at a minimum of 600 millimetres in diameter, receiving effluent from the above mentioned septic tank and pumping effluent via timed dosing to the treatment unit described below;

Existing Ecoflo Treatment System

- one (1) Ecoflo Biofilter ST-750 fibreglass shell open bottom treatment unit with a capacity of 2,500 litres per day, comprised of a single Premier Tech PFB-150 peat biofilter having a minimum volume of 3.125 cubic meters and confined within the biofilter shell, in which treated effluent meets an effluent quality as set out in Table 8.6.2.2 of the OBC and flows to the bottom of the treatment unit by gravity, receiving effluent from the above mentioned pump chamber, and dispersing effluent over the subsurface sewage disposal system described below;

Existing Area Bed

- one (1) raised area bed, having a stone area of approximately 36 square meters and a depth of 250 millimetres made up of washed clean stone (15 to 50 millimetres in diameter) and free from fine material, covered with a permeable geotextile fabric (Terrafix 270R or Equivalent Equipment), and a sand area of

approximately 318 square metres consisting of 600 millimetres deep imported sand layer of percolation time, T, of 6 to 10 minutes per centimetre and silt/clay content less than 5 percent complete with a minimum 250 millimetre thick sand fill mantle with a percolation time, T, of 6 to 10 minutes per centimetre and silt/clay content less than 5 percent extending at over 15 metres beyond the edge of the above mentioned tertiary treatment unit in the direction in which the effluent from the area bed will move laterally, where the base of the mantle is to be scarified to a minimum depth of 200 metres and the area surrounding the bed is graded such that surface drainage is directed away from around the bed.

Lot 52A

Location: 131 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 7 m by 10 m.

Lot 53

Location: 121 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 2,000 L/day, consisting of the following:

Existing Septic Tank

- one (1) 4,500 Litres septic tank, to be retrofitted with an inner tube and effluent filter as a modified anaerobic digester;

Existing Pump Chamber

- one (1) 1,350 Litres pump chamber, equipped with a pump operating on a time dose basis;

Existing Waterloo Biofilter Treatment System

- one (1) 5,900 Litres Waterloo Biofilter Basket tank, equipped with two (2) baskets containing a minimum combined total of 2.8 cubic meters of patented Biofilter media and one effluent pump;

Existing Leaching Bed

- A shallow buried trench leaching bed, consisting of four (4) runs, each seventeen (17) metres long, for a total trench length of sixty eight (68) metres.

Lot 54

Location: 117 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 7 m by 9 m.

Lot 55

Location: 113 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,600 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 5 m by 10 m.

Lot 56

Location: 107 Poplar Sideroad

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed*: 10 m by 13 m.

Lot 57

Location: 795554 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System with a Maximum Daily Flow of 3,000 L/d, consisting of the following:

Existing Septic Tank

- One (1) 6,100 L two-compartment septic tank complete with effluent filter, discharging to the treatment unit described below via one (1) effluent pump rated at 2.3 L/s under a TDH of 7.2m;

Existing Ecoflo Biofilter Treatment System

- One (1) in-ground Ecoflo Biofilter treatment unit (Model STB-840BR) having a hydraulic capacity of 3,250 L/day, complete with one (1) effluent pump rated at 1 L/s under a TDH of 9.8 m, discharging at a maximum dosing rate of 119 L/dose to the dispersal bed described below;

Existing Type A Dispersal Bed

- One (1) raised type "A" dispersal bed consisting of a stone area of approximately 40 square metres (5m x 8m) comprised of 19 mm diameter clear stone layer 200 mm thick wrapped in filter fabric containing six (6) runs of distribution pipe 6 metres long and 75 mm in diameter over a sand area of approximately 375 square metres with a minimum thickness of 600 mm directly below the stone layer for the extended contact area at a percolation time of 50 mins/cm extending at least 15 metres beyond the distribution piping in the direction of effluent flow;

Lot 58

Location: 795550 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System having a Maximum Daily Flow of 2,100 L/day, consisting of the following:

Existing Septic Tank

- One (1) 4,500 L two-compartment septic tank complete with effluent filter, discharging to the treatment unit described below;

Existing Ecoflo Biofilter Treatment System

- One (1) in-ground Ecoflo Biofilter treatment unit (Model STB-730PR), complete with one (1) effluent pump rated at 1.3 L/s discharging at a maximum dosing rate of 75 L/dose to the dispersal bed described below;

Existing Type A Dispersal Bed

- One (1) raised type "A" dispersal bed consisting of a stone area of approximately 34.6 square metres comprised of 19 mm diameter clear stone layer 200 mm thick wrapped in filter fabric containing five (5) runs of distribution pipe 6 metres long and 75 mm in diameter over a sand area of approximately 263 square metres with a minimum thickness ranging from 600 mm directly below the stone layer sloping to 300 mm for the extended contact area at a percolation time of 6-10 mins/cm extending at least 15 metres beyond the distribution piping in the direction of effluent flow.

Lot 59

Location: 795546 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System having a Maximum Daily Flow of 1,600 L/day, consisting of the following:

Existing Septic Tank

- a two-compartment precast concrete septic tank having a minimum capacity of 4,500 L fitted with an effluent filter on an outlet from the tank as recommended by the Ecoflo Biofilter's manufacturer, provided that at minimum will screen out particles larger than 3.2 mm, discharging effluent via gravity to the Ecoflo Biofilter treatment unit as described below;

Existing Ecoflo Biofilter Treatment System and Pump Chamber

- an in-ground concrete Ecoflo Biofilter treatment tank (Model No. STB-650 BR) complete with an integral pump chamber equipped with one (1) effluent pump, on/off float and integrated visual and audible alarm unit, discharging a dosing volume of 150 L within 15 minutes via a 38 mm dia forcemain to the area bed as described below;

Existing Area Bed

- an above-grade area bed having a stone area of 25 sq.m and a sand area of approximately 140 sq.m, consisting of four (4) lines of 75 mm dia distribution piping installed within 300 mm deep layer of crushed clear stone meeting OBC (8.7.3.3) requirements and overlaying a 300 mm deep layer of a sand with a percolation time of 6 min/cm to 10 min/cm with less than 6% passing No.200 sieve, complete with a minimum 250 mm thick sand mantle (T = 6 - 10 min/cm) extending a minimum of 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the area bed.

Lot 60

Location: 795540 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed* of unknown size.

Lot 61

Location: 795528 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 5 Sewage System, consisting of the following:

- *Existing Holding Tank* having a capacity of 18,000 L.

Lot 62

Location: 795522 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System having a Maximum Daily Flow of 4,650 L/day, consisting of the following:

Existing Septic Tank

- one (1) two-compartment septic tank having a minimum total capacity of 9,300 litres, equipped with lockable access risers and effluent filter;

Existing Pump Chamber

- one (1) 2,900 L effluent pump chamber equipped with 1/3 HP effluent pump and high level alarm, discharging to the Eljen GSF system identified below;

Existing Subsurface Disposal System

- one (1) Eljen GSF system having a minimum treatment capacity of 4,650 litres per day, comprising of 49 in ground Eljen GSF A42 modules (7 rows with 7 modules per row evenly spaced at minimum 300 millimetres apart), constructed in specified system sand meeting requirement of Table 2.7 of BMEC #20-03-395 with a minimum thickness of 150 millimetre below the modules, covering a minimum area of 596 square metres and consist of a sand layer with percolation rate ranging from 6-10 minutes per centimetres at a minimum thickness of 450 millimetres, and bottom of the module is at a minimum of 450 millimetres above the high ground water table.

Lot 63

Location: 795518 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 6,750 L;
- *Existing Leaching Bed*: 6 m by 15 m.

Lot 64

Location: 795514 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 6,750 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 6 m by 12 m.

Lot 65

Location: 102 Valley Road

Description of Sewage Works: Class 4 Sewage System having a Maximum Daily Flow of 3,400 L/day, consisting of the following:

Existing Septic Tank

- one (1) two-compartment precast concrete septic tank having a total capacity of approximately 6,819 L to be quipped with an approved effluent filter installed on the septic tank outlet, discharging an effluent by gravity via a flow divider to two (2) Ecoflow as described below;

Existing Ecoflo Biofilter Treatment System

- two (2) in-ground concrete Ecoflo Biofilter treatment units (Model No. STB-650BR) with watertight bottoms, installed and connected in parallel via a gravity flow divider (Premier Tech, Model # GFD200A), each treatment unit rated at capacity of approximately 2,200 L/d with 6.5 m² of filtering media surface and an integrated pump system, including a high-water-level float connected to an audible/visual alarm system, and dosing treated effluent to the area bed as described below;

Existing Area Bed

- a raised area bed consisting of a 70 sq.m (7 m x 10 m) stone area of 300 mm thick layer of crushed stone (15-50 mm dia) with a 220 sq.m (10 m x 22 m) area of 300 mm thick underlay of a sand (with a percolation time of 6 min/cm to 10 min/cm) extending at least 15 m beyond the outermost distribution pipes in any direction which the effluent will move laterally in the soil away from the area bed.

Lot 66

Location: 101 Valley Road

Description of Sewage Works: Class 4 Sewage System having a design daily sanitary flow of 3,100 L/day, consisting of the following:

Existing Septic Tank

- one (1) two-compartment septic tank with a minimum capacity of 6,200 litres, equipped with an approved effluent filter on the outlet pipe, receiving sewage from the cottage and discharging effluent to the Ecoflo Treatment Units as described below;

Existing Ecoflo Biofilter Treatment System

- two (2) in-ground Premier Tech Ecoflo Biofilter (model STB-650B-H2+3/BR) concrete treatment units, with a minimum capacity of 2,000 litres each, installed in parallel, equipped in one unit with one (1) submersible effluent pump designed to flow rate of 155 litres per dose, receiving sewage from the treatment units and pumping to the bed as described below;

Existing Type A Dispersal Bed

- one (1) in-ground raised Type "A" Dispersal Bed, with the percolation rate of native soil (T-time) at 50 minutes per centimetre, constructed with six (6) rows of 75 millimetres diameter perforated pipes, each approximately 7.8 metres long equally, spaced 1.1 metre apart from centre to centre, all installed in a 250 millimetres deep continuous stone layer covered with a permeable geo-textile fabric, with a total contact area of 65 square metres (7.2 metres x 9.0 metres), laying on top of a minimum 450 millimetres deep filter medium with a percolation rate of imported sand (T-time) at 6-10 minutes per centimetre as per the OBC requirements;
- base of the filter sand medium extends to a thickness of minimum 250 millimetres over an area of 388.2 square metres (17.1 metres x 22.7 metres), including a 15 metres mantle beyond the outer distribution pipes, in the direction of flow.

Lot 68

Location: 795492 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed*: 4 m by 6 m.

Lot 69

Location: 795484 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,250 L;
- *Existing Leaching Bed*: 4 m by 8 m.

Lot 70

Location: 102 Orchard Lane

Description of Sewage Works: Class 5 Sewage System, consisting of the following:

- *Existing Holding Tank* having a capacity of 13,640 L.

Lot 70A

Location: 120 Orchard Place

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 5 m by 7 m.

Lot 71

Location: 103 Orchard Lane

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 3,600 L;
- *Existing Leaching Bed* of unknown size.

Lot 73

Location: 795466 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 5 m by 12 m.

Lot 74

Location: 116 Orchard Place

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a single compartment septic tank having a capacity of 2,700 L;
- *Existing Leaching Bed* of unknown size.

Lot 75

Location: 110 Orchard Place

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 4,500 L;
- *Existing Leaching Bed*: 5 m by 12 m.

Lot 76

Location: 103 Orchard Place

Description of Sewage Works: Class 4 Sewage System having a rated capacity of 4,400 L/day, consisting of the following:

Existing Septic Tank

- one (1) two-compartment precast concrete septic tank having a total capacity of approximately 9,000 L equipped an approved effluent filter with the effluent from the tank flowing to the two Eco-flo units;

Existing Ecoflo Biofilter Treatment System

- two (2) Eco-flo units each rated at 2,200 litres per day sitting on an absorption system;

Existing Absorption System

- a 250 square metre and 200 millimetre deep stone layer consisting of washed stone;
- a 250 square metre and 200 millimetre deep sand layer with a percolation time of six to ten minutes per centimetre;
- a 250 square metre and 200 millimetre mantle consisting of sand with a percolation time ten minutes per centimetre;

Lot 77

Location: 110 Orchard Lane

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 9,000 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 7 m by 6 m.

Lot 78

Location: 114 Orchard Lane

Description of Sewage Works: Class 5 Sewage System having a Maximum Daily Flow of 3,500 L/day, consisting of the following:

Existing Holding Tank

- one existing (1) single compartment, precast concrete holding tank with a total capacity of 31,500 L, equipped with a waterproof lockable access opening, a high level audible/ visual alarm system, and a vent pipe, receiving sanitary sewage from the renovated seasonal dwelling via a 100 mm diameter gravity sewer pipe with a minimum longitudinal slope of 2%.

OBSC Summer Club

Location: 795534 The Blue Mountains Clearview Townline, Unit #3

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 3,800 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 8 m by 17 m.

OBSC Upper Chalet

Location: Top of Ski Hill

Description of Sewage Works: Class 4 Sewage System, consisting of the following:

- *Existing Septic Tank*: a two-compartment septic tank having a capacity of 9,000 L, equipped with an effluent filter;
- *Existing Leaching Bed*: 5 m by 7 m.

OBSC Clubhouse

Location: 795534 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 5 Sewage System having a rated capacity of 24,900 L/d, consisting of the following:

Existing Holding Tanks:

- an existing one-compartment precast concrete holding tank No.2 with a total capacity of 45,000 Litres, equipped with a 100 mm dia screened vent pipe and a high level visual/audible alarm system installed in parallel with the existing holding tank No.1 and interconnected at the bottom with two (2) pipes, each a 200 mm dia approximately 1.5 m long installed at each end of tanks, to provide service to the expanded Clubhouse and a Athletic Bldg.
- an existing one-compartment precast concrete holding tank No. 1 with a total capacity of 45,460 Litres, equipped with a 100 mm dia screened vent pipe and a level alarm system collecting raw sewage via a collection system as described below;

Existing Septic Tanks:

- an existing two-compartment septic tank with a total capacity of 9,100 L located on the east side of existing Compressor Room, collecting raw sewage from the Compressor Room and discharging via a 100 mm dia sewer to the existing Holding Tank as described above;
- an existing two-compartment septic tank with a total capacity of 4,550 L located on the east side of the Administration Bldg, collecting raw sewage from existing Administrative Bldg. and discharging via a 100 mm dia sewer to the existing Holding Tank as described above;
- an existing two-compartment septic tank with a total capacity of 3,600 L, collecting raw sewage from existing Ski Haus and discharging via gravity to the existing Pump Chamber as described below;

Existing Pump Chamber:

- an existing pump chamber equipped with two (2) 0.5 HP pumps in a duty and standby configuration, discharging via a 38 mm dia forcemain to the existing 4,550 L Septic Tank as described above;

OBSC Orchard Lodge

Location: 795498 The Blue Mountains Clearview Townline

Description of Sewage Works: Class 5 Sewage System, consisting of the following:

- *Existing Holding Tank* having a capacity of 22,500 L.

OBSC Beehive Warming Hut

Location: Bottom of Ski Hill, South of Valley Road

Description of Sewage Works: Class 5 Sewage System, consisting of the following:

- *Existing Holding Tank* having a capacity of 11,365 L.

including 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 Approval document and any Schedules to it, including the application and Supporting Documentation;
2. "CBOD₅" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;
3. "Commissioned" means the construction is complete and the system has been tested, inspected, and is ready for operation consistent with the design intent;
- 4.
5. "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;
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*;
8. "Existing Works" means those portions of the Works included in the Approval that have been constructed previously;

9. "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;
10. "Licensed Installer" means a person who is registered under the OBC to construct, install, repair, service, clean or empty on-site sewage systems;
11. "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;
12. "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;
13. "Owner" means The Osler Bluff Ski Club Limited and its successors and assignees;
14. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40;
15. "Proposed Works" means those portions of the Works included in the Approval that are under construction or to be constructed;
16. "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. The approval issued by 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 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 systems are installed in accordance with the manufacturer's installation manual.
4. 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 or Licensed Installer 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 Proposed 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 Proposed 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 AND MAINTENANCE

1. The Owner shall ensure that, at all times, the Works and related equipment and appurtenances which are installed or used to achieve compliance with this Approval are properly operated and maintained.
2. The Owner shall sign a Service and Maintenance Agreement with the manufacturer or approved agent of the Ecoflo, Multi-Flo, and Waterloo Biofilter treatment systems. The maintenance agreement must be retained at the site for as long as the Works are in operation, kept current and made available for inspection by the Ministry staff.
3. The Owner shall receive from the manufacturer or distributor of printed literature that describes the unit in detail and provides complete instructions regarding the operation, servicing, and maintenance requirements of the treatment units and their related components necessary to ensure the continued proper operation in accordance with the original design and specifications.
4. The Owner shall ensure that the Ecoflo, Multi-Flo, and Waterloo Biofilter treatment systems are at minimum inspected annually by authorized personnel, and maintained according to the manufacturer's recommendations including minimal yearly effluent sampling for CBOD₅ and Total Suspended Solids to ensure that it meets design objectives of 10 mg/L for both CBOD₅ and Total Suspended Solids in a grab effluent sample before discharge to the subsurface disposal bed;
5. The Owner shall ensure that the septic tanks are pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filter is 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(s), 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 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 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.

10. 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.

11. The Owner shall retain a Licensed Engineering Practitioner to conduct an inspection of the Works **every five (5) years** after issuance of this Approval, and prepare an Inspection Report that shall provide at a minimum, the following information:

- a. Details about general operational condition of the Works.
- b. Assessment of potential indications of failure of the Works, including but not limited to offensive odours, ponding on disposal beds or near underground tanks, sewage back-ups, etc.

12. Upon request, the Owner shall make the Inspection Reports available to Ministry staff.

6. MONITORING

1. The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:
 - a. Samples shall be collected at the sampling point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the Groundwater Monitoring Table included in **Schedule B**.
 - b. The measurement frequencies specified in the effluent monitoring table in **Schedule B** in respect of any parameter are minimum requirements which may, after **two (2) years** of monitoring, be modified by the Director in writing from time to time.
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 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.
3. 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.

7. REPORTING

1. In addition to the obligations under the Environmental Protection Act , Part X Spills, within **ten (10)** working days of the occurrence of any reportable spill as defined in Ontario Regulation 675/98, loss of any product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, the Owner shall submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and

recovery measures taken, preventative measures to be taken and schedule of implementation.

2. The Owner shall, upon request, make all manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
3. The Owner shall prepare performance reports on a calendar year basis and submit to the District Manager by **March 31** of the calendar year following the period being reported upon. The reports shall contain, but shall not be limited to, the following information pertaining to the reporting period:
 - a. a summary and interpretation of all monitoring data, and a review of the historical trend of the sewage characteristics and flow rates;
 - b. a summary and estimation of total effluent flows discharged into the subsurface disposal systems;
 - c. a summary and interpretation of groundwater monitoring data including shallow groundwater flow direction, interpretation of analytical results and comparison with the Reasonable Use Policy;
 - d. a summary of all operating issues encountered and corrective actions taken;
 - e. a summary of all normal and emergency repairs and maintenance activities carried out on any major structure, equipment, apparatus or mechanism forming part of the Works;
 - f. a summary of any effluent quality assurance or control measures undertaken;
 - g. a summary of the calibration and maintenance carried out on all monitoring equipment to ensure that the accuracy is within the tolerance of that equipment as required in this Approval or recommended by the manufacturer;
 - h. a summary of efforts made to achieve the design objectives in this Approval;
 - i. a summary of any complaints received and any steps taken to address the complaints;
 - j. any other information the District Manager requires from time to time.

The reasons for the imposition of these terms and conditions are as follows:

1. Condition 1 is imposed to ensure that the Works are 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.
5. Condition 4 is included to ensure that the Works are constructed in accordance with the approval and that record drawings of the Works “as constructed” are maintained for future references.
6. Condition 5 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.
7. Condition 6 is included to enable the Owner to evaluate and demonstrate the performance of the Works, on a continual basis, so that the Works are properly operated and maintained at a level which is consistent with the design objectives specified in the Approval and that the Works does not cause any impairment to the groundwater.
8. Condition 7 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.

Schedule A

1. Application for Environmental Compliance Approval submitted by The Osler Bluff Ski Club, dated on April 8, 2026, including all supporting documentation.
2. Application for Environmental Compliance Approval submitted by The Osler Bluff Ski Club, received on May 9, 2023, including all supporting documentation.
3. Application for Environmental Compliance Approval dated April 27, 2023 and received on July 25, 2023.
4. Application for Environmental Compliance Approval submitted and signed by The Osler Bluff Ski Club Limited dated April 21, 2023 and received May 24, 2023, and all supporting documentation including design brief and engineering drawings prepared by Tatham Engineering.
5. Application for Environmental Compliance Approval Application for a Municipal and Private Sewage Works submitted and signed by Jamie Cuthbert, Facilities and Development Manager at the Osler Bluff Ski Club Limited, dated September 9, 2022 and received on September 9, 2022, and all supporting documentation and information.
6. Application for Environmental Compliance Approval for a Municipal and Private Sewage Works submitted and signed by Jamie Cuthbert, Facilities and Development Manager at the Osler Bluff Ski Club Limited, dated February 3, 2022 and received on June 20, 2022, and all supporting documentation and information.
7. Application for Environmental Compliance Approval submitted and signed by Katherine Rentsch, P.Eng., dated February 25, 2022 along with all supporting documentation and information.
8. Application for Environmental Compliance Approval submitted and signed by Jamie Cuthbert, Facilities and Development Manager at the Osler Ski Bluff Club Limited, dated February 3, 2022 and received on February 3, 2022, and all supporting documentation and information.
9. Application for Environmental Compliance Approval submitted by Brian Gregatti, C. C. Tatham & Associates Ltd. and signed by Jamie Cuthbert, Facilities and Development Manager, Osler Bluff Ski Club, received on November 13, 2018 for the approval of the replacement, use, and operation of sewage Works, including design

report, final plans and specifications.

10. Application for Environmental Compliance Approval submitted by Jamie Cuthbert, Facilities and Development Manager of Osler Bluff Ski Club Limited received on June 8, 2018 for the proposed Sewage Works, including Design Report, final plans and specifications, prepared by Randy Simpson, Professional Engineer of C.C. Tatham & Associate Ltd.

11. Application for Environmental Compliance Approval submitted by Jamie Cuthbert, Facilities and Development Manager, dated August 22, 2017, received on October 13, 2017, including design report, final plans and specifications, and all supporting documentation.

12.

13. Application for Approval of Sewage Works submitted by The Osler Bluff Ski Club Limited, prepared by Professional Engineer Randy Simpson, C.C. Tatham & Associates Ltd. dated May 18, 2016, and all other correspondence and technical documentation in support of this application.

14. Application for Environmental Compliance Approval for Private Sewage Works, dated April 15, 2016, including and all supporting documentation and correspondence submitted in support of this application by C. C. Tatham & Associates Ltd.

15. Environmental Compliance Approval Application for Municipal and Private Sewage Works dated November 18, 2016, including all supporting documentation.

16. Environmental Compliance Approval Application for Municipal and Private Sewage Works submitted by Anne Egan, P.Eng., Onsite Wastewater Specialist of R.J Burnside & Associates Limited and signed by Jeff Conn, General Manager, of The Osler Bluff Ski Club Limited, dated March 18, 2015, and all Supporting Documentation and information.

17. Environmental Compliance Approval Application for Private Sewage Works submitted by Randy S. Simpson, P.Eng., of C. C. Tatham & Associates Ltd., and signed by Jamie Cuthbert, Facilities and Development Manager, of The Osler Bluff Ski Club Limited, dated July 29, 2014, and all supporting documentation and information.

18. Application for Approval of Sewage Works dated July 21, 2011 and submitted by Jamie Cuthbert of the The Osler Bluff Ski Club Limited, and all supporting information and documentation including design sheet and engineering drawings prepared by C.C. Tatham & Associates Ltd.

19. Application for Approval of Municipal Private Sewage Works dated February 15, 2011 with all supporting documentation including Drawing LG-1 sealed on February 24, 2011, entitled Lot Grading & Septic System Plan at Martin Residence, 102 Valley Road, Town of the Blue Mountains.
20. Application for Approval of Municipal and Private Sewage Works dated June 18, 2009 and received on April 6, 2010 including a cover letter dated April 1, 2010 prepared by Mr. Michael W.K.Vallins, P.Eng. of C.C.Tatham & Associates Ltd.; a Hydrogeological Review letter dated Jul 16, 2009 prepared by Golder Associates and Engineering Drawings (Job No. 109008) LG-1 and LG-2 dated July 2009 prepared by C.C. Tatham & Associates Ltd.
21. Application for Approval of Municipal and Private Sewage Works submitted by Mr. John Duffy, of Van Harten Suveying Inc. dated June 23, 2009 and received on June 26, 2009
22. Application for Approval of Municipal and Private Sewage Works submitted by Jamie Cuthbert of The Osler Bluff Ski Club Limited and dated March 7, 2009, including all supporting documentation.
- 23.
24. Application for Approval of Municipal and Private Sewage Works dated August 29, 2007, including all supporting documentation.
25. Application for Approval of Municipal and Private Sewage Works dated May 16, 2006.
26. Application for Approval of Municipal and Private Water and Sewage Works dated January 19, 2006 and all supporting documentation.
27. Application Approval of Municipal and Private Sewage Works submitted by Gordon M. Gibson dated April 14, 2005 and supporting information submitted by Jerry Bruce.

Schedule B

Groundwater Monitoring Table

Sampling Location	Six (6) monitoring wells along the north and east property boundaries (BH21-1, BH21-2, BH21-3, BH21-4, BH-21-5, BH21-6)
Frequency	Quarterly
Sample Type	Grab
Parameters	Nitrate Nitrogen Nitrite Nitrogen

	Ammonia Nitrogen Chloride Sodium pH
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Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 1953-D5VJ86 issued on June 19, 2024.

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 <i>Environmental Protection Act</i> Ministry of the Environment, Conservation and Parks 40 St. Clair Avenue West, 2nd Floor Toronto, Ontario M4V 1M2
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*** 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 22nd day of October,
2026

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

JY/
c: District Manager, MECP Owen Sound
Jason Covey, Tatham Engineering Limited