

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 0200-CCCQ4W  
Issue Date: April 11, 2022

Mailing Addresses for Owners:

Poltawa Country Club Corporation  
55 Odessa Boulevard  
Terra Cotta, Ontario  
L7C 1R2

The Individual Works Owners as listed in Schedule B

Site Location: Site Location/Parcel

PT LT 27 CON 5 WHS CHINGUACOUSY; PT LT 28 CON 5 WHS CHINGUACOUSY;  
PT LT 27 CON 6 WHS CHINGUACOUSY; PT RDAL BTN CONS 5 & 6 WHS  
CHINGUACOUSY; PT RDAL

BTN LTS 27 & 28 CON 5 WHS CHINGUACOUSY; PT RDAL BTN LTS 27 & 28 CON 6  
WHS CHINGUACOUSY; CALEDON,

being all of PIN 14259-0064 (R) and as outlined in Plan 43R-15317 dated January 15, 1988  
describing Parts 1 to 120 thereon

*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:*

sewage works for the collection, treatment and disposal of domestic sewage from single family homes located on the Parcel consisting of the Individual Works described in **Schedule B** of this Approval.

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

"Approval" means this entire Approval document and any Schedules to it, including the application and Supporting Documentation;

"BOD<sub>5</sub>" (also known as TBOD<sub>5</sub>) means five day biochemical oxygen demand measured in an

unfiltered sample and includes carbonaceous and nitrogenous oxygen demand;

"CBOD<sub>5</sub>" means five day carbonaceous (nitrification inhibited) biochemical oxygen demand measured in an unfiltered sample;

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

"District Manager" means the District Manager of the Halton Peel District Office;

"EPA" means the *Environmental Protection Act, R.S.O. 1990, c. E.19* ;

"Equivalent Equipment" means a substituted equipment or like-for-like equipment that meets the required quality and performance standards of a named equipment;

"Existing Works" means those portions of the Works included in the Approval that have been constructed previously;

"Grab Sample" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;

"Individual Works" means the sewage works specific to an Individual Works Owner as described in Schedule "B" of this Approval who has entered into an agreement with Poltawa regarding the use of a lot on the Parcel and the establishment and use of the Individual Works;

"Individual Works Owner" means a person who has entered into an agreement whether by way of license or other legal arrangement with Poltawa regarding the use of a lot on the Parcel for the establishment and use of the Individual Works;

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

"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;

"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* ;

"Owners" means the Parcel Owner and the Works Owner;

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

"Parcel" means the parcel of land legally described as outlined on page 1 of this Approval;

"Poltawa" means the Poltawa Country Club Corporation the owner of the Parcel, and its

successors and assignees;

"Professional Engineer" means a person entitled to practice as a Professional Engineer in the Province of Ontario under a licence issued under the *Professional Engineers Act* ;

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

"Supporting Documentation" means the documents listed in Schedule A of this Approval;

"Total Suspended Solids" is the dry weight of suspended particles, that are not dissolved, in a sample of water that can be trapped by a filter that is analyzed using a filtration process.

*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. Where there is a conflict between the documents listed in a schedule submitted document, and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
2. The Conditions of this Approval are severable. If any Condition of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.
3. In respect of each Individual Works, Poltawa and the Individual Works Owner shall jointly and severally, ensure that the following conditions are fulfilled:
  - a. Any person authorized to carry out work on or operate any aspect of the Individual Works shall be notified of this Approval and the conditions herein, and that any such person shall comply complies with this Approval.
  - b. The Individual Works shall be designed, built, installed, operated and maintained in accordance with the description given in 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 which they were added to Schedule B of this Approval.

### 3. CHANGE OF OWNERS

1. The Owners shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:
  - a. change of the owner of the Parcel;
  - b. change of mailing address of the owner of the Parcel;
  - c. change of ownership of any Individual Works;
  - d. change of any mailing address of any Individual Works Owner;
  - e. change of partners where Poltawa 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. B.17 shall be included in the notification to the District Manager;
  - f. change of partners where an Individual Works 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. B.17 shall be included in the notification to the District Manager;
  - g. change of name of the corporation where Poltawa changes its name at any time and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C.39 shall be included in the notification to the District Manager;
  - h. change of name of the corporation where an Individual Works Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C.39 shall be included in the notifications to the District Manager;
2. In the event of any change in ownership of the Parcel, Poltawa shall notify in writing the succeeding owner of the Parcel of the existence of this Approval and a copy of such notice shall be forwarded to the District Manager.
3. In the event of any change of the Individual Works Owner, the former Individual Works Owner shall notify in writing the succeeding owner of the Individual Works of the existence of this Approval and a copy of such notice shall be forwarded to the District Manager.
4. Poltawa and the Individual Works Owners shall ensure that all communications made pursuant to this condition will refer to this Approval's number.

### 4. CONSTRUCTION

In respect of each Individual Works, Poltawa and the Individual Works Owners shall, jointly and

severally ensure, that the following conditions are fulfilled:

1. The construction of the Individual Works shall be supervised by a Licensed Installer or a Professional Engineer.
2. Upon construction of the Individual Works, a statement certified by a Licensed Installer or a Professional Engineer shall be prepared, that the Individual Works are constructed in accordance with this Approval, and a copy shall be retained at the site of the Individual Works for the operational life of the Individual Works and shall be made available for inspection by Ministry staff.
3. Upon construction of the Individual Works, a set of as-built drawings showing the works “as constructed” shall be prepared and kept up to date through revisions undertaken from time to time and a copy shall be retained at the site of the Individual Works for the operational life of the Individual Works and shall be made available for inspection by Ministry staff.

**5a. OPERATIONS AND MAINTENANCE (for systems that do not have a treatment unit other than a septic tank)**

In respect of Individual Works that do not have a treatment unit other than a septic tank, Poltawa and the Individual Works Owner shall, jointly and severally, ensure that the following conditions are fulfilled:

1. The Owners shall ensure that at all times, the Individual Works and related equipment and appurtenances which are installed or used to achieve compliance with this Approval are properly operated and maintained.
2. The Owners shall ensure that the septic tank(s) is pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filter(s) is cleaned out at minimum once a year (or more often if required).
3. The Owners 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 Owners shall visually inspect the general sewage area for breakout once every month during the operating season. In the event a breakout is observed from the subsurface disposal bed(s), the Owners shall ensure that the sewage discharge to the bed(s) is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within ten (10) days. The Owners shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and safely collected and disposed of through a licensed waste hauler to an approved waste disposal site.
5. The Owners 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.

6. The Owners 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.

**5b. OPERATIONS AND MAINTENANCE (for systems that have a treatment unit in addition to a septic tank)**

In respect of Individual Works that do have a treatment unit in addition to a septic tank, Poltawa and the Individual Works Owner shall, jointly and severally, ensure that the following conditions are fulfilled:

1. The Owners shall ensure that at all times, the Individual Works and related equipment and appurtenances which are installed or used to achieve compliance with this Approval are properly operated and maintained.
2. The Owners shall sign a Service and Maintenance Agreement with the manufacturer or approved agent of the treatment system. The maintenance agreement must be retained at the site for as long as the Individual Works are in operation, kept current and made available for inspection by the Ministry staff.
3. The Owners 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 unit and its related components necessary to ensure the continued proper operation in accordance with the original design and specifications.
4. The Owners shall ensure that the treatment system is at minimum inspected annually by authorized personnel, and maintained according to the manufacturer's recommendations including minimal yearly effluent sampling for CBOD<sub>5</sub> and Total Suspended Solids to ensure that it meets design objectives of 10 mg/l for both CBOD<sub>5</sub> and Total Suspended Solids in a grab effluent sample before discharge to the subsurface disposal bed;
5. The Owners shall ensure that the septic tank(s) is pumped out every 3-5 years or when the tank is 1/3 full of solids and the effluent filter(s) is cleaned out at minimum once a year (or more often if required).
6. The Owners 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 Owners shall visually inspect the general area where sewage works are located for breakout once every month during the operating season. In the event a breakout is observed

from the subsurface disposal bed(s), the Owners shall ensure that the sewage discharge to the bed(s) is discontinued and the incident immediately reported verbally to the District Manager, followed by a written report within ten (10) days. The Owner shall ensure that during the time remedial actions are taking place the sewage generated at the site shall not be allowed to discharge to a surface water body or to the environment, and safely collected and disposed of through a licensed waste hauler to an approved waste disposal site.

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

## **6. REPORTING**

1. One (1) week prior to the commissioning of any proposed Individual Works, the Owners shall notify the District Manager (in writing) of the pending start-up date.
2. In addition to the obligations under the Environmental Protection Act , Part X Spills, within 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 Owners 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.
3. All manuals, plans, records, data, plans, records, data, procedures and supporting documentation in relation to the Individual Works shall be made available for inspection by Ministry staff upon request.

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

The reason that the terms and conditions are imposed on both Poltawa and the Individual Works Owners is that Poltawa owns the Parcel, which under the OWRA and EPA requires that sewage works approvals be issued, and the Individual Works Owners are using, a sewage works on the Parcel. Poltawa has management and control of the approval process for activity on the Parcel, including but not limited to the approval for an Individual Works Owner to establish, operate and maintain Individual Works. Poltawa and the Individual Works Owners are in a contractual relationship whereby they are well placed to enter into such agreements as may be required to jointly and severally ensure that the terms and conditions of the Approval are met.

1. Condition 1 is included to emphasize the precedence of Conditions in the Approval and the

practice that Approval is based on the most current document, if several conflicting documents are submitted for review. Condition 1 is imposed to ensure that Individual Works are built, installed, operated and maintained in a manner in which they were described for review and upon which approval was granted and that any person authorized to carry out work on or operate any aspect of an Individual Works is notified of this Approval and complies with its requirements.

2. Condition 2 is included to ensure that, when the Individual Works are constructed, the Individual 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 Parcel and the Individual Works.
4. Condition 4 is included to ensure that the Individual Works are constructed, such that the environment is protected and deterioration, loss, injury or damage to any person or property is prevented.
5. Condition 5a pertains to subsurface systems that do not have a treatment unit in addition to a septic tank. The condition has been included so that the Individual Works be properly operated, maintained, and inspected such that the environment is protected.
6. Condition 5b pertains to subsurface systems that do have treatment unit in addition to a septic tank. The condition has been included to enable the Owners to evaluate and demonstrate the performance of the Individual Works, on a continual basis, so that the Individual Works are properly operated and maintained at a level which is consistent with the design objectives specified in the Approval and the Individual Works does not cause any impairment to the receiving watercourse.
7. Condition 6 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Individual Owner in resolving any problems in a timely manner.



## **SCHEDULE A**

### **List of Supporting Documentation**

1. Residence 18 - Application for Environmental Compliance Approval dated October 29, 2020 together with Design Brief dated November 13, 2020, and all other supporting documentation and correspondence submitted by Anne Egan, P.Eng. of R.J. Burnside & Associates Limited.
2. Residence 28 - Application for Environmental Compliance Approval dated January 30, 2015 together with Design Brief dated February 12, 2015, Drawing SS1 (Project No. PWB019902.0028) and all other supporting documentation and correspondence submitted by Anne Egan, P.Eng. of R.J. Burnside & Associates Limited.
3. Residence 57 - Application for Environmental Compliance Approval dated October 29, 2020 together with Design Brief dated April 15, 2021, and all other supporting documentation and correspondence submitted by Mike Vaughan, P.Eng., of Van Harten Surveying Inc.
4. Residence 58 - Application for approval of municipal and private sewage submitted by Katherine Rentsch, P.Eng. of R.J. Burnside dated May 5, 2017 and all other supporting documentation and correspondence.
5. Residence 60 - Application for approval of municipal and private sewage works submitted by Anne Egan, P.Eng. of R.J. Burnside & Associates Limited dated October 10, 2013 and Josef Sirka dated September 13, 2013 and supporting technical documentation.
6. Residence 65 - Application for Environmental Compliance Approval dated October 21, 2021 together with Design Brief dated August 6, 2021 and all other supporting documentation and correspondence submitted by Mike Vaughan, P.Eng., of Van Harten Surveying Inc.
7. Residence 69 - Application for approval of municipal and private sewage submitted by Anne Egan, P.Eng. of R.J. Burnside received July 4, 2017 and all other supporting documentation and correspondence.
8. Residence 93 - Environmental Compliance Approval Application dated November 28, 2013 received on December 4, 2013 with all supporting documentation and correspondence.
9. Residence 94 - Field Alert Number 0168-9X5KC9, created on June 03, 2015, by Mr. Nick Fowler, Senior Environmental Officer, MOECC, Halton-Peel District Office.
10. Residence 102 - Environmental Compliance Approval Application submitted by Rita Kasab and Paul Sanchez dated July 14, 2014.
11. Residence 110 - Environmental Compliance Approval Application submitted by Jaroslav Pinchak dated August 22, 2018.

## **SCHEDULE B**

### **Residence 4**

Olga Lawryshyn - 38 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 4: 38 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 5**

Miroslaw Kozak - 34 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 5: 34 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 7**

Ulana Sywanycz - 29 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 7: 29 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 8**

Bogdan Hrynko - 22 Holbrooke Avenue, Etobicoke, ON M8Y 3B2

Individual Works Location: Residence 8: 33 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 9**

Slawko Sywanycz - 35 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 9: 35 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 10**

Lidia Koziar - 8 Lemko Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 10: 8 Lemko Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 11**

Bogdan Chalupa - 6 Lemko Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 11: 6 Lemko Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 14**

Andy Dejczeniowski - 5 Lemko Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 14: 5 Lemko Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 15**

Miroslaw Rewak - 9 Lemko Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 15: 9 Lemko Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 16**

Luba Skyba - 36 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 16: 36 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 17**

Daria Kardacz - 1407-1 Palace Pier Court, Etobicoke, ON M8V 3W9

Individual Works Location: Residence 17: 32 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 18**

Yaroslav Struzhko - 28 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 18: 28 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

subsurface sewage disposal works for the collection, transmission, treatment and disposal of domestic sewage, with a design maximum flow of 2,600 litres per day, consisting of the following:

#### *Septic Tank*

one (1) 5,900 litres capacity two-compartment **septic tank** fitted with an effluent filter on the outlet, collecting wastewater from the four (4) bedroom dwelling and discharging effluent to the proposed pump chamber described below by gravity.

#### *Pump Chamber*

one (1) 2,700 litres capacity single compartment **pump chamber** equipped with high level alarm system, and duplex pumps, pumping the effluent from the septic tank to the proposed subsurface sewage treatment-dispersal system described below.

#### *Subsurface Treatment-Dispersal System*

a proposed partially raised Enviro-Septic™ System rated for a total daily sanitary flow of 2,600

litres per day, with a total Enviro-Septic™ pipe length of 68 metres and a sand area of 391 square metres.

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

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

### **Residence 19**

Walter Mudyk - 683 Richmond Street, Toronto, ON M6J 1C2

Individual Works Location: Residence 19: 24 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 20**

Gloria Walker - 20 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 20: 20 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 23**

Alexander Adamowicz - 33 Zaporozhe Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 23: 33 Zaporozhe Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 25**

Walter Makuch - 25 Zaporozhe Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 25: 25 Zaporozhe Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 28**

Ivan Pelipaka - #303 – 200 Queen Street, Mississauga, Ontario, L5M 1L3

Individual Works Location: Residence 28: 19 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

a subsurface disposal system rated at a maximum design capacity of **1,850 litres per day (L/d)**, to service a proposed 3-bedroom residence located at the above noted Individual Works

Location, consisting of the following:

#### *Septic Tank with Hanging Pump Vault*

one (1) two-compartment septic tank, Waterloo Biofilter Model ST-1060-HPV with a total capacity of 4,300 Litres (L), equipped with two watertight access risers with covers up to ground level and an OBC approved effluent filter, collecting wastewater from the dwelling and

discharging effluent via a hanging pump vault located in the second compartment of the septic tank, equipped with a vent, high level audible/visual alarm system and one (1) submersible effluent pump (Little Giant WSV50HM or equivalent), rated at capacity of 49 L/min at TDH = 13 m, operating on demand to dose a Waterloo Biofilter treatment unit as described below.

#### *Waterloo Biofilter*

one (1) Waterloo Biofilter treatment unit (Model 20 HDPE), consisting of two compartments, with the first compartment bulk-filled with foam media, and the second compartment acting as a dosing and a recirculation chamber, equipped with one (1) recirculating pump to recirculate effluent back to the septic tank, and one (1) effluent pump (Little Giant WSVHM or equivalent), rated at capacity of 235 L/min and TDH of 9 m, providing a minimum pressure head of 600 mm in all points of each distribution system, dosing treated effluent to a proposed shallow buried trenches disposal bed at the maximum of 1,850 L/d via a 50 mm dia forcemain approximately 8.8 m long as described below.

#### *Shallow Buried Trench*

a shallow buried trench disposal field, consisting of six (6) runs @ 12.5 m each (total of 75 m), each a 25 mm dia pressure distribution pipe having the orifices of minimum 3 mm dia in size and spaced at 750 mm increments, installed inside infiltrator chambers (Quick 4 Equalizer 24 chamber or equivalent), all constructed in imported soil (T = 6-10 min/cm) placed below existing ground level, and providing a minimum of 300 mm layer below bottoms of infiltrators.

#### **Residence 30**

Olexandra Knyshyk - 24 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 30: 24 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

#### **Residence 35**

Irene Parabek - 29 Sunkist Valley Road, Bolton, ON, L7E 1T1

Individual Works Location: Residence 35: 14121 Heritage Road, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

#### **Residence 37**

Christine Kozak - 10 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 37: 10 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 39**

Bill Boychuk - 16 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 39: 16 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 41**

Halya Krushelnycky - 22 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 41: 22 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 43**

Natalie Wasylyk - 1204-95 La Rose Avenue, Etobicoke, ON M9P 3T2

Individual Works Location: Residence 43: 15 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 44**

Adrian Lawryshyn - 30 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 44: 30 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 45**

Natalia Kuzyk - 32 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 45: 32 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 47**

Oksana Peredery - 38 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 47: 38 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 49**

Ron Chyczij - 601 Sir Richards Road, Mississauga, ON L5C 1A3

Individual Works Location: Residence 49: 48 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 52**

Peter Naumchuk - 3000 Weston Road, Toronto, ON M9M 2S7

Individual Works Location: Residence 52: 16 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 53**

Oleg Bednarskyi - 4216 Angeloni Drive, Mississauga, ON L4Z 2S9

Individual Works Location: Residence 53: 10 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 54**

Margarita Pacholek - 6 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 54: 6 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 55**

John Trinkwon - 49 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 55: 49 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 57**

Jorge Nascimento - 45 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 57: 45 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

subsurface sewage disposal works for the collection, transmission, treatment and disposal of domestic sewage, with a design maximum flow of 2,550 litres per day, consisting of the following:

*Septic Tank*

one (1) 5,400 litres capacity two-compartment **septic tank** fitted with an effluent filter on the outlet, collecting wastewater from the four (4) bedroom dwelling and discharging effluent to the proposed pump chamber described below by gravity.

*Pump Chamber*

one (1) 1,800 litres capacity single compartment **pump chamber** equipped with high level alarm system, and duplex pumps, pumping the effluent from the septic tank to the proposed subsurface sewage treatment-dispersal system described below.

*Subsurface Treatment-Dispersal System*

a proposed partially raised Eljen<sup>TM</sup> GSF System rated for a total daily sanitary flow of 2,550 litres

per day, with a total of 27 module of Eljen™ GSF A-42 and a sand area of 330 square metres.

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

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

### **Residence 58**

Maria Chlapak - 39 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works location: Residence 58: 39 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

a subsurface disposal system rated at a maximum design capacity of **1,600 litres per day (L/d)**, to service a proposed 3-bedroom residence located at the above noted Individual Works

Location, consisting of the following:

#### *Septic Tank*

one (1) two-compartment septic tank having a total capacity of 4,500 L and riser and access hatches at both the inlet and outlet equipped with a effluent filter on the outlet of the tank.

#### *Pump Chamber*

effluent from the septic tank flows by gravity into a Waterloo Biofilter Model PC-5 pump chamber or approved equivalent, it is equipped with simplex Little Giant WSV50HM 0.5 Hp pump or approved equivalent, rated for 1.75 L/S and a TDH of 13.5 m.

#### *Waterloo Biofilter*

one (1) Waterloo Biofilter Model 20 Flat Bed rated for 2,100 L/Day consisting of two open-bottom units located directly on top of the stone layer of the Type A dispersal bed.

#### *Type A Dispersal Bed*

one(1) raised Type A dispersal bed, receiving effluent from the Waterloo Biofilter, consisting of a stone area layer of area of 24 m<sup>2</sup> (8 x 3 m) with a minimum thickness of 200 mm covered by geotextile fabric overlaying a minimum 300 mm imported sand layer with a total area of 278 m<sup>2</sup> including a 15 m mantle extension, having a T time in the range of 6 to 10 min/cm. The bottom of the stone layer shall maintain a minimum separation distance of 600 mm between the bottom of the stone layer and native soil underlying soil with a T-time greater than 50 min/cm.

### **Residence 60**

Terry Sirka - 35 Baturyn Road, Terra Cotta, ON L7C 1R6

Individual Works location: Residence 60, 35 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

a subsurface disposal works for the collection, transmission, treatment and disposal of domestic sewage with a maximum capacity of **1,950 litres per day** to service the proposed 3-bedroom residential building location on the above Individual Works Location, consisting of the



following:

#### *Septic Tank*

one (1) two-compartment precast concrete septic tank, having a total capacity of 4,500 litres equipped with an approved effluent filter, receiving sewage from the existing building and discharging effluent to the Pump Chamber described below via gravity.

#### *Pump Chamber*

one (1) Waterloo Biofilter Model PC-5 pump chamber, equipped with one (1) submersible 0.5 HP effluent pump and simplex, demand-dose control panel, discharging via forcemain to the Waterloo Biofilter tertiary treatment unit as described below;

#### *Tertiary Treatment System*

one (1) Waterloo Bio filter Model 20 Flat Bed system, consisting of two FB-1000 Flat Bed units, each 3.0 m x 1.2m x 0.6 m deep, having a treatment rated capacity of 2,100 litres per day, installed directly on an absorption system beneath the treatment unit described below; a minimum stone area of 26 square metres (proposed 26.6 square metres) consisting of a minimum 250 millimetre thick layer of minimum 19 millimetre clear stone protected with a permeable Geo-textile fabric covering all areas beyond the confines of the Waterloo Biofilter treatment unit; a sand area of minimum 244 square metres (proposed 268 square metres) consisting of a layer of sand with a minimum thickness of 250 millimetres (proposed 300 mm) and a percolation rate of 6 to 10 minutes per centimetre, extending at least 15 metres beyond the perimeter of the Waterloo Biofilter treatment unit, in any direction in which the effluent entering the soil will move horizontally; and minimum 100 millimetres cover layer comprising sand backfill and topsoil on the top of the absorption system.

### **Residence 63**

Alana Scotchmer - 630 Windermere Avenue, Toronto, ON M6S 3L8

Individual Works Location: Residence 63: 27 Baturyn Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 65**

Natalia Korchenyuk - 6 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 65: 6 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

a subsurface disposal works for the collection, transmission, treatment and disposal of domestic sewage with a rate maximum capacity of **2,100 litres per day** to service the proposed (3) three-bedroom residence, located at the above Individual Works Location and consisting of the following:

#### *Anaerobic Digester*

one (1) 4,720 Litre anaerobic digester complete with a pump chamber of a minimum pumping capacity of 1,250 Litres, equipped with two watertight access risers with covers up to ground

level, collecting wastewater from the dwelling and discharging effluent to the pump chamber.

#### *Pump Chamber*

One (1) internal pump chamber or approved equivalent of a minimum pumping capacity of 1,250 Litres, collecting effluent from the anaerobic digester and discharging to the Waterloo Biofilter treatment unit, equipped high level audible/visual alarm system and one (1) submersible effluent pump (½ HP Little Giant WSV50HM or equivalent equipment), and time-dosing effluent to a Waterloo Biofilter treatment unit.

#### *Waterloo Biofilter*

one (1) Waterloo Biofilter treatment unit (Model No AD-BA25) filled with a minimum foam volume of 3.5 cubic-metres, equipped with one (1) submersible effluent pump (½ HP Little Giant WSV50HM or equivalent equipment), and time-dosing the treated effluent collected at the base of the tank to a Type A dispersal bed.

#### *Type A dispersal Bed*

one (1) raised Type A dispersal bed, receiving effluent from the Waterloo Biofilter, consisting of a stone layer of area of 35 square-metres (4.8metres x 7.2metres) with a minimum thickness of 275 millimetres protected by geotextile fabric, overlaying a minimum 300 millimetre thick imported sand layer (having T time in the range of 6 to 10 minutes/centimetre) with a total area of 286 square-metres (21.7metres x 13.2metres) including a 15 metre mantle extension in the down-gradient direction beyond the outmost distribution pipe, and maintaining a minimum separation distance of 600 millimetres between the bottom of the stone layer and native soil underlying soil with a T-time greater than 50 minutes/centimetre.

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

all in accordance with Supporting Documentation submitted to the Ministry as listed in the Schedule A in this Approval.

#### **Residence 67**

Bohdan Marmash - 13 Baturyn Road, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 67: 13 Baturyn Road, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 68**

Ulana Plawuszczak-Pidzamecky - 31 Burnamill Place, Toronto, ON M9C 3C3

Individual Works Location: Residence 68: 9 Baturyn Road, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 69**

Pawel Czupak - 59 Simmons Boulevard, Brampton, Ontario. L6V 3V4

Individual Works Location: Residence 69: 7 Baturyn Road, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works:

a proposed subsurface disposal system rated at a maximum design capacity of **2,525 litres per day**, to service a proposed 4-bedroom residence for the collection, transmission, treatment and disposal of domestic sewage all located at the above Individual Works Location, consisting of the following:

#### *Septic Tank*

one(1) Waterloo Biofilter Anaerobic Digester Model AD700 or approved equivalent with a working capacity of 6,060, providing for the settlement of solids and anaerobic digestion completed with risers and access hatches at both the inlet and outlet.

#### *Pump Chamber*

Effluent from Anaerobic Digester flows by gravity into a Waterloo Biofilter Model PT2800 pump chamber or approved equivalent, it is equipped with timer controlled simplex Little Giant WSV50HM 0.5 Hp or approved equivalent.

#### *Waterloo Biofilter*

one (1) Waterloo Biofilter treatment unit (Model BFHD30) consisting of two compartments, the first compartment filled with foam and the second compartment is equipped with a simplex submersible pump for bed dosing and recirculation, equipped with one (1) recirculating pump model 0.5 HP model Giant WSV50M pump (or approved equivalent) rated for 1.5 L/s and a TDH of 13.5 m, with 50% pumped to the treated effluent to the Type A dispersal bed and 50% recirculated back to the inlet of the Anaerobic Tank.

#### *Type A Dispersal Bed*

one(1) raised Type A dispersal bed, receiving effluent from the Waterloo Biofilter, having a stone area  $35 \text{ m}^2$  (5 x 7 m) with a minimum thickness of 300 mm covered by geotextile fabric and underlain by a sand layer, a minimum thickness of 300 mm and an area  $325.5 \text{ m}^2$  including a minimum of 15 m mantle extension in the down-gradient direction beyond the outmost distribution pipe with a T-time between 6-10 min/cm. A minimum separation distance of 600 mm between the bottom of the stone layer and native soil with a T-time exceeding 50 min/cm must be maintained at all times.

**Residence 71**

Nadia Smetana - 14111 Heritage Road, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 71: 14111 Heritage Road, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 73**

Krystyna Willis - 4 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 73: 4 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 74**

Oleksandra Ivanova - 5 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 74: 5 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 76**

Volodymyr Rora - 14 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 76: 14 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 77**

Bohdan Romanyk - 16 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 77: 16 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 79**

Dan Pawych - 18 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 79: 18 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 81**

Dmytro Ostapiak - 3 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 81: 3 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 82**

Kateryna Swerhun c/o Irene Haras - 244 Welland Road, RR5, Fenwick, ON L0S1C0  
Individual Works Location: Residence 82: 5 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 83**

Christine Marr - 9 Odessa Boulevard, Terra Cotta, ON L7C 1R2  
Individual Works Location: Residence 83: 9 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 84**

Marianne Naumchuk - 11 Odessa Boulevard, Terra Cotta, ON L7C 1R2  
Individual Works Location: Residence 84: 11 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 85**

Jamie Bobechko - 15 Odessa Boulevard, Terra Cotta, ON L7C 1R2  
Individual Works Location: Residence 85: 15 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 86**

Krystal Lenstra - 17 Odessa Boulevard, Terra Cotta, ON L7C 1R2  
Individual Works Location: Residence 86: 17 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 87**

Daniel Ruzycky - 21 Odessa Boulevard, Terra Cotta, ON L7C 1R2  
Individual Works Location: Residence 87: 21 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 88**

Oksana Ruzycky - 25 Odessa Boulevard, Terra Cotta, ON L7C 1R2  
Individual Works Location: Residence 88: 25 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 89**

Wolodymyr Kasiuk - 31 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 89: 31 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 90**

Andrij Kapeluch - 33 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 90: 33 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 91**

Anna Sliwa - 3 Lwiw Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 91: 3 Lwiw Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 93**

Janina Arendacz - 36 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 93: 36 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works:

a subsurface disposal of domestic sewage with a maximum capacity of **1,900 litres per day** to service a proposed 2-bedroom residence located at the above noted Individual Works Location, consisting of the following:

*Septic Tank*

one (1) two-compartment precast concrete septic tank, having a total capacity of 4,500 litres equipped with an approved effluent filter, receiving sewage from the residential building and discharging effluent via gravity to the Pump Chamber as described below.

*Pump Chamber*

one (1) Waterloo Biofilter Model PC-5 pump chamber, equipped with access hatch and audible and visible high level alarm system, one (1) submersible 0.5 HP effluent pump and simplex, demand-dose control panel, discharging effluent via a 38mm diameter forcemain to a Waterloo Biofilter tertiary treatment unit as described below.

*Tertiary Treatment System*

one (1) Waterloo Bio filter Model 20 Flat Bed system, consisting of two FB-1000 Flat Bed units, each 3.0 m x 1.2 m x 0.6 m deep, installed directly on an absorption system as described below.

*Absorption System*

a stone area of 26 square metre consisting of a minimum 250 millimetre thick layer of minimum 19 millimetre clear stone protected with a permeable Geo-textile fabric covering all areas beyond

the confines of the Waterloo Biofilter treatment unit, with the bottom of the stone layer at least 600 mm above the high groundwater table, rock or soil with a percolation time of 1 min/cm or less or greater than 50 min/cm, underlain by a sand layer as described below; a sand area of 240 square metre consisting of a layer of sand with a minimum thickness of 250 mm and a percolation rate of 6 to 10 minutes per centimetre, extending at least 15 metres beyond the perimeter of the Waterloo Biofilter treatment unit, in any direction in which the effluent entering the soil will move horizontally; and minimum 100 millimetres cover layer comprising sand backfill and topsoil on the top of the absorption system.

#### **Residence 94**

Yuriy Tremliuk - 40 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 94: 40 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works:

##### *Septic Tank*

one (1) two-compartment precast concrete septic tank, having a total rated capacity of **1,600 litres per day** equipped with an approved effluent filter, receiving sewage from the existing residence and discharging effluent to the Ecoflo Biofilter tertiary treatment unit described below via gravity.

##### *Tertiary Treatment Units*

one (1) Ecoflo Biofilter treatment unit (Model ST-650 PF or Equivalent Equipment), having a treatment rated capacity of **2,000 litres per day**, installed directly on an absorption system (described below) beneath the treatment unit.

##### *Absorption System*

a minimum stone area of 22 square metres consisting of a minimum 250 millimetre thick layer of minimum 19 millimetre clear stone protected with a permeable Geo-textile fabric covering all areas beyond the confines of the Ecoflo Biofilter treatment unit; a sand area of minimum 94.12 square metres consisting of a layer of sand with a minimum thickness of 250 millimetres and a percolation rate of 6 to 10 minutes per centimetre, extending at least 15 metres beyond the perimeter of the Ecoflo Biofilter treatment unit, in any direction in which the effluent entering the soil will move horizontally; and minimum 100 millimetres cover layer comprising sand backfill and topsoil on the top of the absorption system.

#### **Residence 95**

Iwona Woloszczakewicz - 42 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 95: 42 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 96**

Andrzej Szumski - 46 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 96: 46 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 97**

John Trinkwon - 50 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 97: 50 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 98**

Daria Zazulak - 392 Fisher Circle Road, Pittsford, New York 14534

Individual Works Location: Residence 98: 54 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 99**

Igor Gritsina - 357 Bloor Street West, Unit 4, Toronto, ON M9C 2A4

Individual Works Location: Residence 99: 60 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 100**

Carole Bobechko - 62 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Individual Works Location: Residence 100: 62 Odessa Boulevard, Terra Cotta, ON L7C 1R2

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 101**

Iryna Stec - 4 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 101: 4 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 102**

Duane Couch - 2 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 102: 2 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

a subsurface disposal works having a rated capacity of rated capacity of **1,100 litres per day** for the collection, transmission, treatment and disposal of sewage receiving sewage from a residence and consisting of the following:



*Septic Tank and Treatment Unit*

one (1) WSB Clean Model 400 treatment unit (or equivalent) consisting of three compartments, the pre-treatment chamber, Bioreactor and final clarifier with the Bioreactor compartment being aerated and filled with WSB media which provide surface area for aerobic bacteria attachment.

*Pump Chamber*

one (1) precast concrete pump chamber with approximate volume of 1,350 litres, equipped with one (1) simplex submersible sewage pump, to which the treated effluent from the WSB treatment discharges into. The pump chamber discharges effluent to the area bed disposal system.

*Leaching Bed*

one (1) area bed disposal system consisting of a 15 square metre stone layer (minimum 200 millimetres deep and protected with geotextile) overlying a sand layer (minimum 300 millimetres deep) constructed with imported sand fill with a T-time of 6 to 10 minutes per centimetre and a silt/clay content not more than 5%, the total bed area being 182 square metres (required area is 138 square metres), including a 15-metre sand mantle;

**Residence 104**

Stepan Motyl - 5 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 104: 5 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 105**

Alina Semchyshyn - 7 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 105: 7 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 107**

Oksana Wenglowski - 630 Willard Avenue, Toronto, ON M6S 3S4

Individual Works Location: Residence 107: 15 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Residence 109**

John Noga - 21 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 109: 21 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

### **Residence 110**

Jaroslav Pinczak - 100 Brookside Avenue, Toronto, Ontario. M6S 4G9

Individual Works Location: Residence 110: 25 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works:

a proposed subsurface disposal system rated at a maximum design capacity of **3,600 litres per day** to service a proposed 3 bedroom residence for the collection, transmission, treatment and disposal of domestic sewage including:

#### *Septic Tank and Treatment Unit*

the Works consist of a proposed septic tank with capacity of 3,600 L, equipped with effluent filter and two access risers to ground, discharging effluent to a proposed pump chamber. (Satisfies OBC minimum capacity of 3,600 L or  $V=2Q = 3,200$  L)

#### *Pump Chamber*

a 2,700 L single compartment pump chamber is designed with one (1) submersible effluent pump rated at approximately 283.90 L/min at TDH of 10m, dosing effluent at frequency of 12 doses per day, at a maximum daily sewage flow of 1,600 L/day to a proposed subsurface disposal system (Eljen GSF).

#### *Subsurface Disposal System*

subsurface is designed as Eljen GSF System consisting of four (4) rows with A-42 modules (5 modules per row) to a total of 20 modules, spaced at 0.9 m centre to centre and placed over an area of 193 m<sup>2</sup> (8.1 m x 18.3 m in irregular shape) of a minimum 150 mm thick Special Sand meeting requirements of Section 3.7 (BMEC # 15-02-376); each row consists of 5 sections of Eljen GSF A-42 modules (1220 mm long x 610 mm wide x 180 mm high) with perforated PVC pipe inside each module row, three (3) Eljen sampling trays will be installed as indicated in drawing DT-1 submitted with the application, each with an extraction tube brought to the ground surface.

### **Residence 112**

Tara Skyba - 31 Kiev Road, Terra Cotta, ON L7C 1R6

Individual Works Location: Residence 112: 31 Kiev Road, Terra Cotta, ON L7C 1R6

Description of Individual Sewage Works: Class 4 Sewage System

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 2026-C2QHJD issued on May 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

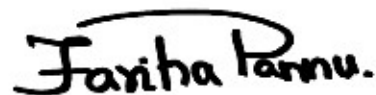
The Director appointed for the purposes of  
Part II.1 of the *Environmental Protection Act*  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* 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](http://www.olt.gov.on.ca)**

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

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

DATED AT TORONTO this 11th day of April, 2022



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Fariha Pannu, P.Eng.

Director

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

MS/

c: District Manager, MECP Halton-Peel District Office

Chairman, Poltawa Country Club Corporation  
Mike Vaughan P. Eng., Van Harten Surveying Inc.