

**For Office Use Only:**

File Number	<u>BNPL2021289</u>	Application Fee	<u>5936 (1scr, 2 MV)</u>
Related File Number	<u>ANPL2021290-291</u>	Conservation Authority Fee	_____
Pre-consultation Meeting	_____	Well & Septic Info Provided	_____
Application Submitted	<u>Aug 31, 2021</u>	Planner	_____
Complete Application	<u>Sept 16, 2021</u>	Public Notice Sign	_____

**Check the type of planning application(s) you are submitting.**

- ☒ Consent/Severance/Boundary Adjustment  
☐ Surplus Farm Dwelling Severance and Zoning By-law Amendment  
☒ Minor Variance  
☐ Easement/Right-of-Way

**Property Assessment Roll Number:** 491-011-33500-0000

**A. Applicant Information**

**Name of Owner**

William Hrehorsky

It is the responsibility of the owner or applicant to notify the planner of any changes in ownership within 30 days of such a change.

**Address**

3767 Teeterville Rd.

**Town and Postal Code**

Teeterville

NOE-1S0

**Phone Number**

519-443-7086

**Cell Number**

519-428-6064

**Email**

billsriggins@gmail.com

**Name of Applicant**

same as above

**Address**

**Town and Postal Code**

**Phone Number**

**Cell Number**

**Email**

Name of Agent

Address

Town and Postal Code

Phone Number

Cell Number

Email

Please specify to whom all communications should be sent. Unless otherwise directed, all correspondence and notices in respect of this application will be forwarded to the agent noted above.

☒ Owner

☐ Agent

☒ Applicant

Names and addresses of any holder of any mortgagees, charges or other encumbrances on the subject lands:

TO Canada Trust +  
21 King St. Delhi Ont N4B-1K9

## B. Location, Legal Description and Property Information

1. Legal Description (include Geographic Township, Concession Number, Lot Number, Block Number and Urban Area or Hamlet):

Twp of Windham, Con 5 Block 11  
Lots 14, 15 Toeterville

Municipal Civic Address: 3767 Toeterville Rd.

Present Official Plan Designation(s): Hamlet Residential

Present Zoning: Hamlet Residential

2. Is there a special provision or site specific zone on the subject lands?

☒ Yes ☒ No If yes, please specify:

3. Present use of the subject lands:

lawn and garden

4. Please describe **all existing** buildings or structures on the subject lands and whether they are to be retained, demolished or removed. If retaining the buildings or structures, please describe the type of buildings or structures, and illustrate the setback, in metric units, from front, rear and side lot lines, ground floor area, gross floor area, lot coverage, number of storeys, width, length, and height on your attached sketch which must be included with your application:

*no buildings on subject land*

5. If an addition to an existing building is being proposed, please explain what it will be used for (for example a bedroom, kitchen, or bathroom). If new fixtures are proposed, please describe.

*see note no. 4*

6. Please describe **all proposed** buildings or structures/additions on the subject lands. Describe the type of buildings or structures/additions, and illustrate the setback, in metric units, from front, rear and side lot lines, ground floor area, gross floor area, lot coverage, number of storeys, width, length, and height on your attached sketch which must be included with your application:

*see note no. 4*

7. Are any existing buildings on the subject lands designated under the *Ontario Heritage Act* as being architecturally and/or historically significant? Yes ☐ No ☒  
If yes, identify and provide details of the building:

8. If known, the length of time the existing uses have continued on the subject lands:

*100 + years*

9. Existing use of abutting properties: *North and South - private houses*  
*East - Simcoe St.; North West - private house*  
*South West - Farm*

10. Are there any easements or restrictive covenants affecting the subject lands?

☐ Yes ☒ No If yes, describe the easement or restrictive covenant and its effect:



### C. Purpose of Development Application

Note: Please complete all that apply.

#### 1. Site Information

Existing

Proposed

Please indicate unit of measurement, for example: m, m<sup>2</sup> or %

Lot frontage	_____	_____
Lot depth	_____	_____
Lot width	_____	_____
Lot area	_____	_____
Lot coverage	_____	_____
Front yard	_____	_____
Rear yard	_____	_____
Left Interior side yard	_____	_____
Right Interior side yard	_____	_____
Exterior side yard (corner lot)	_____	_____

#### 2. Please outline the relief requested (assistance is available):

Part 1 Lot - need relief in lot frontage  
Part 1 Lot - need relief in lot area  
Part 2 Lot - need relief in lot frontage

#### 3. Please explain why it is not possible to comply with the provision(s) of the Zoning By-law:

need the relief for proposed severance

#### 4. Description of land intended to be severed in metric units:

Part 2

Frontage:	12,810 m
Depth:	irregular
Width:	irregular
Lot Area:	4053.46 sq-m
Present Use:	vacant
Proposed Use:	residential

Proposed final lot size (if boundary adjustment): \_\_\_\_\_



If a boundary adjustment, identify the assessment roll number and property owner of the lands to which the parcel will be added: \_\_\_\_\_

Description of land intended to be retained in metric units:

Frontage: 18.39 m

Depth: 88.372 m

Width: 49.810 m

Lot Area: 3278.43 sq. m

Present Use: residence

Proposed Use: residence

Buildings on retained land: House, shop

5. Description of proposed right-of-way/easement in metric units:

Frontage: \_\_\_\_\_

Depth: \_\_\_\_\_

Width: \_\_\_\_\_

Area: \_\_\_\_\_

Proposed Use: \_\_\_\_\_

6. List all properties in Norfolk County, which are owned and farmed by the applicant and involved in the farm operation:

Owners Name: \_\_\_\_\_

Roll Number: \_\_\_\_\_

Total Acreage: \_\_\_\_\_

Workable Acreage: \_\_\_\_\_

Existing Farm Type: (for example: corn, orchard, livestock) \_\_\_\_\_

Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built \_\_\_\_\_

Owners Name: \_\_\_\_\_  
Roll Number: \_\_\_\_\_  
Total Acreage: \_\_\_\_\_  
Workable Acreage: \_\_\_\_\_  
Existing Farm Type: (for example: corn, orchard, livestock) \_\_\_\_\_  
Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built \_\_\_\_\_

Owners Name: \_\_\_\_\_  
Roll Number: \_\_\_\_\_  
Total Acreage: \_\_\_\_\_  
Workable Acreage: \_\_\_\_\_  
Existing Farm Type: (for example: corn, orchard, livestock) \_\_\_\_\_  
Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built \_\_\_\_\_

Owners Name: \_\_\_\_\_  
Roll Number: \_\_\_\_\_  
Total Acreage: \_\_\_\_\_  
Workable Acreage: \_\_\_\_\_  
Existing Farm Type: (for example: corn, orchard, livestock) \_\_\_\_\_  
Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built \_\_\_\_\_

**Note: If additional space is needed please attach a separate sheet.**

#### **D. Previous Use of the Property**

1. Has there been an industrial or commercial use on the subject lands or adjacent lands? ☐ Yes ☐ No ☒ Unknown

If yes, specify the uses (for example: gas station, or petroleum storage):

2. Is there reason to believe the subject lands may have been contaminated by former uses on the site or adjacent sites? ☐ Yes ☒ No ☐ Unknown

3. Provide the information you used to determine the answers to the above questions:

*grew up on property and talked to original owner*

4. If you answered yes to any of the above questions in Section D, a previous use inventory showing all known former uses of the subject lands, or if appropriate, the adjacent lands, is needed. Is the previous use inventory attached? ☐ Yes ☐ No

#### E. Provincial Policy

1. Is the requested amendment consistent with the provincial policy statements issued under subsection 3(1) of the *Planning Act, R.S.O. 1990, c. P. 13*? ☐ Yes ☐ No

If no, please explain:

2. It is owner's responsibility to be aware of and comply with all relevant federal or provincial legislation, municipal by-laws or other agency approvals, including the Endangered Species Act, 2007. Have the subject lands been screened to ensure that development or site alteration will not have any impact on the habitat for endangered or threatened species further to the provincial policy statement subsection 2.1.7? ☐ Yes ☒ No

If no, please explain:

in hamlet

3. Have the subject lands been screened to ensure that development or site alteration will not have any impact on source water protection? ☐ Yes ☒ No

If no, please explain:

not in source water protection

Note: If in an area of source water Wellhead Protection Area (WHPA) A, B or C please attach relevant information and approved mitigation measures from the Risk Manager Official.



4. Are any of the following uses or features on the subject lands or within 500 metres of the subject lands, unless otherwise specified? Please check boxes, if applicable.

**Livestock facility or stockyard (submit MDS Calculation with application)**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Wooded area**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Municipal Landfill**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Sewage treatment plant or waste stabilization plant**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Provincially significant wetland (class 1, 2 or 3) or other environmental feature**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Floodplain**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Rehabilitated mine site**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Non-operating mine site within one kilometre**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Active mine site within one kilometre**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Industrial or commercial use (specify the use(s))**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Active railway line**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Seasonal wetness of lands**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Erosion**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

**Abandoned gas wells**

☐ On the subject lands or ☐ within 500 meters – distance \_\_\_\_\_

## F. Servicing and Access

### 1. Indicate what services are available or proposed:

#### Water Supply

- ☐ Municipal piped water  
☒ Individual wells

- ☐ Communal wells  
☐ Other (describe below)

---

#### Sewage Treatment

- ☐ Municipal sewers  
☒ Septic tank and tile bed in good working order
- ☐ Communal system  
☐ Other (describe below)

---

#### Storm Drainage

- ☐ Storm sewers  
☐ Other (describe below)
- ☒ Open ditches

---

### 2. Existing or proposed access to subject lands

- ☒ Municipal road  
☐ Unopened road
- ☐ Provincial highway  
☐ Other (describe below)

Name of road/street:

*Teeterville Rd.*

## G. Other Information

1. Does the application involve a local business? ☐ Yes ☒ No

If yes, how many people are employed on the subject lands?

- 
2. Is there any other information that you think may be useful in the review of this application? If so, explain below or attach on a separate page.

*Attached to this application is a Nitrate Impact Assessment Report for Part 1 of the property, which is a requirement for Part 1. Also in this Report is Nitrate information for Part 2 of the property.*

#### **H. Supporting Material to be submitted by Applicant**

In order for your application to be considered complete, folded hard copies (number of paper copies as directed by the planner) and an **electronic version (PDF) of the site plan drawings, additional plans, studies and reports** will be required, including but not limited to the following details:

1. Concept/Layout Plan
2. All measurements in metric
3. Existing and proposed easements and right of ways
4. Parking space totals – required and proposed
5. All dimensions of the subject lands
6. Dimensions and setbacks of all buildings and structures
7. Location and setbacks of septic system and well from all existing and proposed lot lines, and all existing and proposed structures
8. Names of adjacent streets
9. Natural features, watercourses and trees

In addition, the following additional plans, studies and reports, including but not limited to, **may** also be required as part of the complete application submission:

- ☐ Zoning Deficiency Form
- ☐ On-Site Sewage Disposal System Evaluation Form (to verify location and condition)
- ☐ Environmental Impact Study
- ☐ Geotechnical Study / Hydrogeological Review
- ☐ Minimum Distance Separation Schedule
- ☐ Record of Site Condition
- ☐ Agricultural Impact Assessment

Your development approval might also be dependent on Ministry of Environment Conservation and Parks, Ministry of Transportation or other relevant federal or provincial legislation, municipal by-laws or other agency approvals.

**All final plans must include the owner's signature as well as the engineer's signature and seal.**



## I. Transfers, Easements and Postponement of Interest

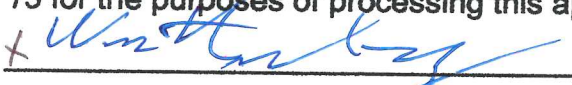
The owner acknowledges and agrees that if required it is their solicitor's responsibility on behalf of the owner for the registration of all transfer(s) of land to the County, and/or transfer(s) of easement in favour of the County and/or utilities. Also, the owner further acknowledges and agrees that it is their solicitor's responsibility on behalf of the owner for the registration of postponements of any charges in favour of the County.

### Permission to Enter Subject Lands

Permission is hereby granted to Norfolk County officers, employees or agents, to enter the premises subject to this application for the purposes of making inspections associated with this application, during normal and reasonable working hours.

### Freedom of Information

For the purposes of the *Municipal Freedom of Information and Protection of Privacy Act*, I authorize and consent to the use by or the disclosure to any person or public body any information that is collected under the authority of the *Planning Act, R.S.O. 1990, c. P. 13* for the purposes of processing this application.

  
Owner/Applicant/Agent Signature

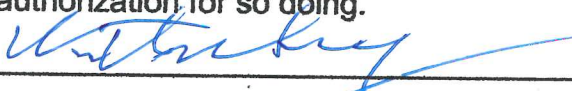
August 31, 2021  
Date

## J. Owner's Authorization

If the applicant/agent is not the registered owner of the lands that is the subject of this application, the owner must complete the authorization set out below.

I/We \_\_\_\_\_ am/are the registered owner(s) of the lands that is the subject of this application.

I/We authorize \_\_\_\_\_ to make this application on my/our behalf and to provide any of my/our personal information necessary for the processing of this application. Moreover, this shall be your good and sufficient authorization for so doing.

  
Owner

August 31, 2021  
Date

\_\_\_\_\_  
Owner

\_\_\_\_\_  
Date

**K. Declaration**

I, William Archibald of Norfolk County

solemnly declare that:

all of the above statements and the statements contained in all of the exhibits transmitted herewith are true and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of *The Canada Evidence Act*.

Declared before me at:

NORFOLK COUNTY

[Signature]

Owner/Applicant/Agent Signature

In Simcoe, ONT.

This 31<sup>ST</sup> day of AUGUST 2021

A.D., 2021

[Signature]

Sherry Ann Mott, a  
Commissioner, etc., Province of Ontario,  
for the Corporation of Norfolk County.  
Expires January 5, 2023.

A Commissioner, etc.



Mr. William Hrehorsky  
3767 Teeterville Road  
Teeterville, Ontario N0E 1S0  
billsriggins@gmail.com

Reference: KCH-00262305

Date: July 13, 2021

**RE: Nitrate Impact Assessment for Proposed Lot Severance  
3767 Teeterville Road, Teeterville, Ontario**

---

This letter summarizes the findings of the nitrate impact study completed at 3767 Teeterville Road in Teeterville, Ontario (herein referred to as 'the Site'). It is understood that the owner of the property has applied for a lot severance to Norfolk County and a nitrate impact assessment is required to accompany the application.

This assessment has included a desktop review of geologic and topographic maps, an online search of surrounding water well records, and a collection of a raw water sample from the on site groundwater supply well for analysis of nitrate concentrations, total coliforms, and E.Coli.

There are no municipal services provided to Teeterville, therefore all properties surrounding the site are privately serviced with private wells and septic systems.

### **Property Description**

The property is located on the southwest side of Teeterville Road in the small community of Teeterville, Ontario. The existing lot is irregular in shape with an approximate area of 0.73 hectares (7,332 m<sup>2</sup>). A municipal drain is present immediately south of the property which directs surface flows in a southwesterly direction, eventually draining into Big Creek approximately 950m from the Site. Residential family homes are located on either side of the Site on Teeterville Road and agricultural fields are located to the south and southwest, beyond the municipal drain. There is a residential property located on the northeast side of Teeterville Road directly across the street from the Site.

The Site contains a single family residence, private well supply, and a septic bed. The **Attachment 1, Lot Severance Sketch** identifies the location of the residence and the proposed lot severance plan. Following lot severance, the retained property with the existing dwelling will have an approximate area of 0.33 ha (3,278 m<sup>2</sup>) and the new property will have an approximate area of 0.40 ha (4,053 m<sup>2</sup>).

No well record is available for the supply well on the Site, however two well records (Well IDs 7310563 and 7319997) are available for the residential property on the northeast side of Teeterville Road, immediately opposite the Site. These two well records have been used for reference as conditions are expected to be similar on the Site. The soil stratigraphy listed in the well records for nearby wells indicate sand from surface to approximately 10 meters below



ground, underlain by gravel to borehole termination at 11.6 m for one well, and sand to borehole termination at approximately 13.1 m in the other well. Groundwater was found at 1.8 m and 3.1 m, respectively, in Well IDs 7310563 and 7319997.

The municipal drain located immediately southwest of the Site is considered regulated lands of the Long Point Region Conservation Authority, as shown in **Attachment 2: Drawing 1**. The flow direction of the drain has been determined to be west toward Big Creek, as shown in **Attachment 3: Drawing 2**.

### Topography and Geology

The surficial geology of the Site and surrounding area has been mapped by the Ontario Geological Survey (OGS) and consists of coarse-textured glaciolacustrine deposits (sand, gravel, minor silt and clay). The area northwest of the Site is an area containing modern and older alluvial deposits (clay, silt, sand, gravel), corresponding to the area of Big Creek. The surficial geology of the Site and surrounding area is shown in **Attachment 4: Drawing 3**.

Previous percolation time assessments by the geotechnical firm Englobe Corp. identified the t-time value of the sandy soils on the north lot (Part 1) to be a minimum of  $T = 6 \text{ min/cm}$  (equivalent to an infiltration rate of 113 mm/hour) and on the south lot (Part 2) to be a minimum of  $T = 12 \text{ min/cm}$  (equivalent to an infiltration rate of 50 mm/hour). These study reports are included as **Attachment 5**. According to the particle size analyses the soil sample for the north lot contained 2% gravel, 93% sand, and 5% fines, and the soil sample for the south lot contained 0% gravel, 86% sand, 6% silt, and 8% clay, which translates to hydraulic conductivities of approximately  $4.9 \times 10^{-4} \text{ m/s}$  for the north lot and  $1.0 \times 10^{-7} \text{ m/s}$  for the south lot.

The topography of the Site and surrounding area is relatively flat and ground surface elevation is approximately 240 masl.

### Groundwater Elevations and Flow

The groundwater elevation was not measured in the well on the Site as the well was inaccessible at the time of sampling. However, groundwater elevations were identified on well records in the immediate vicinity of the property, and groundwater was generally found within 1.8 to 3.1 meters below ground surface.

Based on the ground surface topography, and the sandy soils, it is assumed shallow groundwater flow follows topography and flows southwest toward the municipal drain. It is also assumed that the property would be receiving shallow groundwater impact from any of the existing properties and septic bed impacts located to the north.

### Water Well Records

A search of the Ontario Ministry of Environment, Conservation and Parks (MECP) Water Well Record (WWR) database resulted in the identification of 21 water well records within an approximate 500 m radius of the Site. Water use for the 21 well records is summarized as the following:

- water supply – domestic (11 wells);
- water supply – domestic/livestock (1 well);
- water supply – domestic/irrigation (1 well);
- water supply – irrigation (2 wells);
- water supply – domestic/public (1 well);
- water supply – public (2 wells);
- water supply – public/municipal (1 well);
- water supply – municipal (1 well); and,
- abandoned (1 well).

The approximate locations of the 21 well records are shown on **Attachment 6: Drawing 4**. A summary of the well record search within a 500 m radius of the property is provided in **Attachment 7**.

The public and municipal supply wells are generally recorded as being installed between 2001 and 2011, with one installed in 1958. The depths of these wells range from approximately 7.6 to 16.2 mbgs, with water reported between 1.8 and 5.2 mbgs.

Groundwater flow has been interpreted to flow to the southwest and the only supply well located to the southwest of the property (Well ID 4407905) is located approximately 550 m from the property. It is assumed this well would not be impacted from the shallow septic activities from the Site given its distance from the property.

### Groundwater Quality Testing

A groundwater quality sample was collected from the onsite groundwater supply well on October 19, 2020. The sample was collected for the analysis of nitrate/nitrite, E.Coli, and coliform concentrations, and was transported under Chain of Custody to an accredited laboratory, ALS Environmental Labs, in Waterloo, ON.

The sample was compared to the Ontario Drinking Water Quality Guidelines (ODWQS) for comparison and discussion purposes. The laboratory results are included as **Attachment 8: Water Quality Results**, and a summary table is also presented below.

Parameter	ODWQS Guideline Limit	Unit	Sampled October 19, 2020
			Groundwater Supply Well
Nitrate	10	mg/L	2.03
Nitrite	1	mg/L	0.191
E.Coli	0	MPN/100 mL	0
Total Coliforms	0	MPN/100 mL	0

The Ontario Regulation D-5-4, *Individual On-Site Sewage Systems: Water Quality Impact Risk Assessment* document states that the ODWQS nitrate-nitrogen guideline of 10 mg/L is used as an indicator of groundwater impact potential. The nitrate concentrations did not exceed this guideline.

### Nitrate Loading Calculation

Nitrate loading calculations have been completed for each of the severed lots. For the purposes of completing the nitrate loading calculations for the properties, the following assumptions have been made:

- the site areas are estimated to be 3,278 m<sup>2</sup> for Part 1 and 4,053 m<sup>2</sup> for Part 2;
- a total of 2 lots are proposed on the property;
- a total annual precipitation value of 1035.8 mm/yr was collected from the Environment Canada climate normals historical data from 1981-2010 for Delhi, Ontario;
- the aquifer conductivity for Part 1 is  $4.9 \times 10^{-4}$  m/s and for Part 2 is  $1.0 \times 10^{-7}$  m/s;
- sewage effluent is 1100 L/day/lot based on the Ontario building code for a residential occupancy with 4 people;
- infiltration rate = 0.25 m/yr; and,
- existing background nitrate concentrations are 2.03 mg/L.

The following table summarizes the nitrate concentrations of the shallow groundwater based on the installation of conventional, tertiary or enhanced tertiary sewage treatment systems. Based on our assumptions and calculations, in order to obtain a nitrate concentration below 10 mg/L it will be necessary to install either a tertiary or enhanced tertiary sewage treatment system on Lot Part 2. Due to the nitrate concentrations which are already found to be present within the groundwater, a conventional sewage treatment system will not likely reduce the nitrate



concentrations to a sufficient level at the property boundary, therefore a tertiary sewage treatment system is recommended for installation at Lot Part 2.

	Conventional Sewage Treatment	Tertiary Sewage Treatment	Enhanced Tertiary Sewage Treatment
Lot Part 1 (3,278.43 m <sup>2</sup> )			
Nitrate Concentration (mg/L)	2.47	2.21	2.10
Lot Part 2 (4,053.46 m <sup>2</sup> )			
Nitrate Concentration (mg/L)	10.63	5.36	3.25

### Impact to Groundwater Resources

The geology and topography of the area suggests that the shallow groundwater flow is to the southwest. It is currently agricultural fields to the southwest of the property with only one (1) groundwater supply well located to the southwest (well ID 4407905). This groundwater well is located approximately 550 m to the southwest of the property. It is not anticipated that this well would be impacted by in the installation of septic systems on the Site given its distance from the property.

## CONCLUSIONS and RECOMMENDATIONS


The property is located on a sand plain with groundwater flow direction assumed to the southwest. The background nitrate concentrations found within the existing groundwater supply well is 2.03 mg/L which is below the ODWQS guideline of 10 mg/L.

Based on the existing nitrate concentrations, the nitrate loading calculation for Lot Part 1 indicates a conventional sewage treatment system is sufficient for this Lot, which is currently being used on the property.

Based on the existing nitrate concentrations, the nitrate loading calculation for Lot Part 2 indicates that a tertiary or enhanced tertiary sewage treatment system will be required for installation on the Lot Part 2 property in order to reduce/dilute the nitrate concentrations to below 10 mg/L at the property boundary.

We trust that this submission is sufficient for your present needs. If you have any questions, please contact our office.

Yours truly,  
EXP Services Inc.



Kelli Dobbin, G.I.T.  
Geoscientist in Training  
Earth & Environment



Heather Jaggard, P.Geo., QP.  
Hydrogeologist  
Earth & Environment

### Attachments:

- Attachment 1: Lot Severance Sketch
- Attachment 2: Drawing 1 – Regulated Areas
- Attachment 3: Drawing 2 – Topography and Water Flow
- Attachment 4: Drawing 3 – Surficial Geology
- Attachment 5: Percolation T-Time Assessment
- Attachment 6: Drawing 4 – MECP Water Well Records
- Attachment 7: Water Well Search Results
- Attachment 8: Laboratory Water Quality Results






-LEGEND-

- Approximate Site Boundary
- Watercourse
- Regulated Areas of the LPRCA

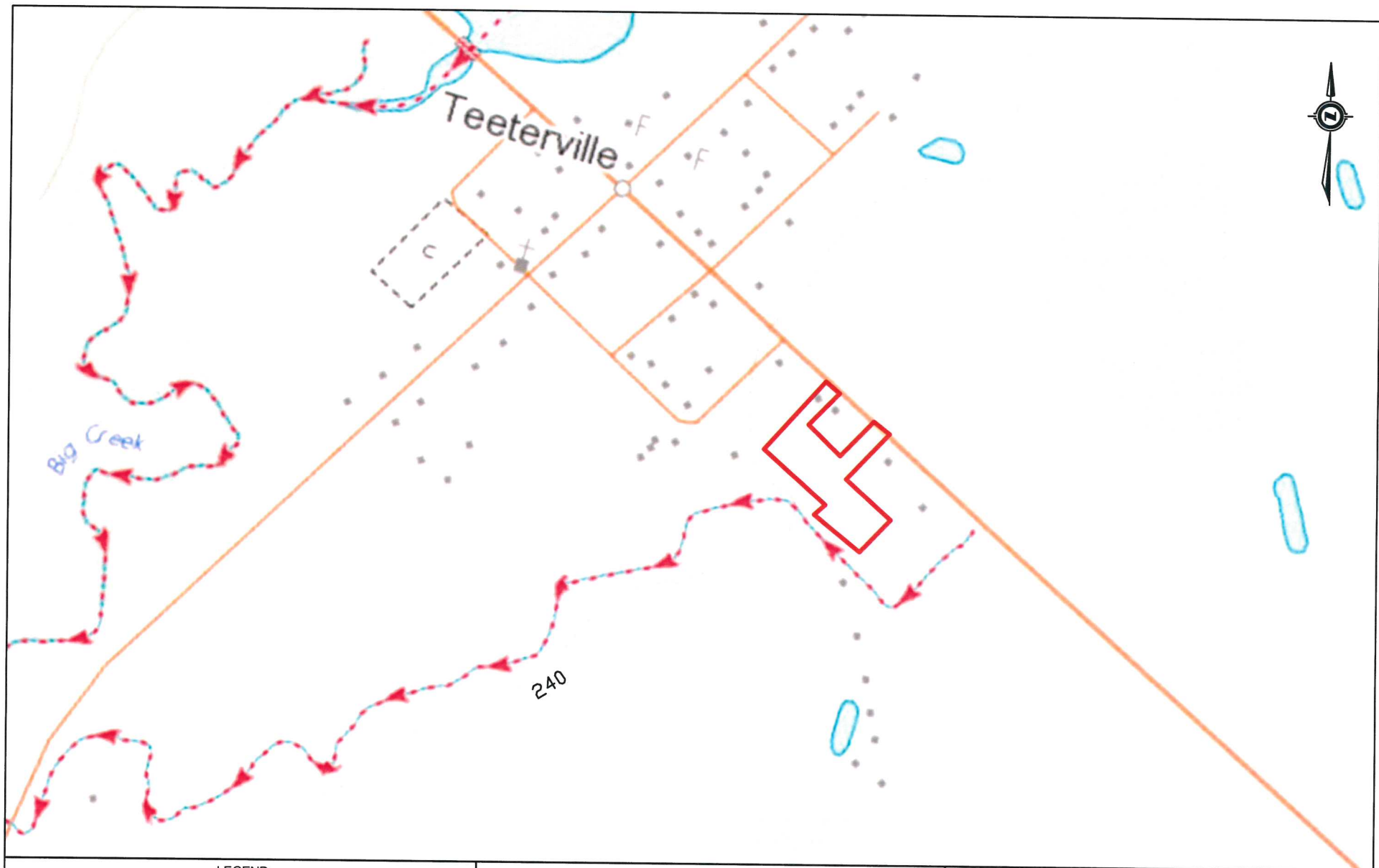
Image Source: LPRCA Regulated Area Mapping: [lprca.on.ca/planning/map/](http://lprca.on.ca/planning/map/)

## Nitrate Impact Assessment Proposed Lot Severance

3767 Teeterville Road, Teeterville, Ontario

CLIENT William Hrehorsky	
TITLE Regulated Areas of the Long Point Region Conservation Authority	
Prepared By: K.D.	Reviewed By: H.J.
<div>  <div> EXP Services Inc.  405 Maple Grove Road, Cambridge, ON, N3E 1B6 </div> </div>	
DATE OCTOBER 2020	SCALE 1:5,000
PROJECT NO. KCH-00262305	DWG. 1





-LEGEND-

- Approximate Site Boundary
- Watercourse and Flow Direction
- Ground Surface Elevation Contour


240

Image Source: The Atlas of Canada - Toporama: atlas.gc.ca/toporama

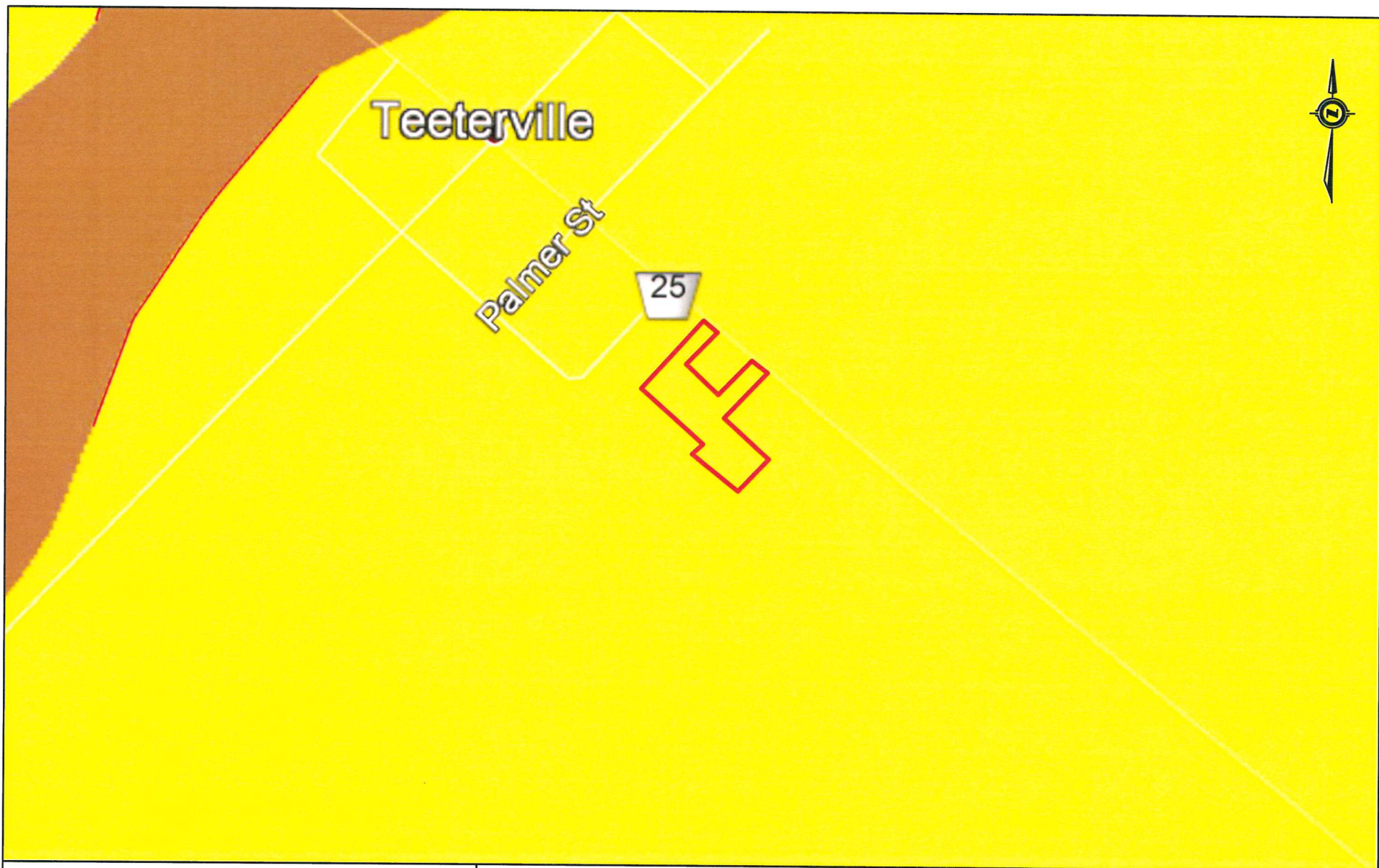
## Nitrate Impact Assessment

### Proposed Lot Severance

3767 Teeterville Road, Teeterville, Ontario

CLIENT William Hrehorsky	
TITLE Topography and Water Flow	
Prepared By: K.D.	Reviewed By: H.J.
 EXP Services Inc. 405 Maple Grove Road, Cambridge, ON, N3E 1B6	
DATE OCTOBER 2020	SCALE 1:5,000
PROJECT NO. KCH-00262305	DWG. 2





-LEGEND-


- Approximate Site Boundary
- 9** Coarse-Textured Glaciolacustrine Deposits: sand, gravel, minor silt and clay.
- 19** Modern and Older Alluvial Deposits: clay, silt, sand, gravel, may contain organic remains.

Image Source: Ontario Geological Survey 2010. Surficial Geology of Southern Ontario; Ontario Geological Survey, Miscellaneous Release--Data 128-REV

## Nitrate Impact Assessment

### Proposed Lot Severance

3767 Teeterville Road, Teeterville, Ontario

CLIENT William Hrehorsky	
TITLE Surficial Geology	
Prepared By: K.D.	Reviewed By: H.J.
 EXP Services Inc. 405 Maple Grove Road, Cambridge, ON, N3E 1B6	
DATE OCTOBER 2020	SCALE 1:5,000
PROJECT NO. KCH-00262305	DWG. 3

June 3<sup>rd</sup>, 2019

**Mr. William Hrehorsky**  
3767 Teeterville Road  
Teeterville, Ontario NOE 1S0

**Subject:** Septics for William Hrehorsky - Percolation Time Assessment  
3767 Teeterville Road (NORTH Lot)  
Teeterville, Ontario  
Our ref.: 160-P-0019221-0-01-400-TU-L-0001-00

Mr. William Hrehorsky:

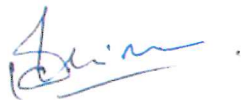
Englobe Corp. is pleased to submit this letter which provides the results of a particle size distribution analysis and percolation time assessment for a sample of soil submitted to our laboratory on May 22<sup>nd</sup>, 2019. It is understood that the sample was collected from the above-referenced property; however, we are unable to confirm the sample depth or location. Additionally, the soil sample submitted cannot be confirmed to be the predominant soil type for the sewage system design.

The results of the particle size distribution analysis are presented on Figure 1, appended, and indicate that the sample contains 2% gravel, 93% sand, and 5% fines. The percolation time of the sample was assessed based on soil type as described by the Unified Soil Classification System in MMAH Supplementary Standard SB-6 "Percolation Time and Soil Descriptions" of the Ontario Building Code (OBC), and determined by the laboratory test results. The sample is classified as "SP", for which the OBC specifies a percolation time (T) in the range of 2 to 8 min/cm. A minimum percolation time of T = 6 min/cm is appropriate for the sample.

In addition to gradation, the percolation time of the soil is dependent on many on-site factors that were not considered as part of this assessment, such as density, structure and moisture content. It is the responsibility of the sewage system designer to consider these factors prior to choosing a percolation time suitable for design, and to carry out field inspections at the time of sewage system installation to confirm that the soil and groundwater conditions are consistent with the design assumptions.

We trust that this letter is suitable for your present requirements. If you have any questions, please do not hesitate to contact our office.


Yours very truly,



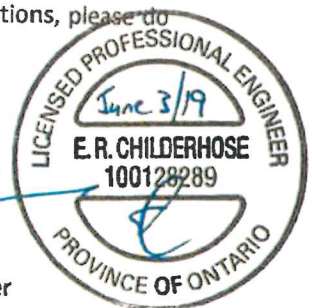
Karanveer Singh, EIT  
Project Manager

Encl. Figure 1 – Particle Size Analysis

Englobe Corp.



Evan Childerhose, P.Eng.  
Senior Geotechnical Engineer



T 519.720.0078  
F 519.720.0976  
brantford@englobecorp.com

440 Hardy Road, Unit 3  
Brantford (ON)  
N3T 5L8





June 3<sup>rd</sup> 2019

**Mr. William Hrehorsky**  
3767 Teeterville Road  
Teeterville, Ontario NOE 1S0

**Subject:** Septics for William Hrehorsky - Percolation Time Assessment  
3767 Teeterville Road (SOUTH Lot)  
Teeterville, Ontario  
Our ref.: 160-P-0019220-0-01-400-TU-L-0001-00

Mr. William Hrehorsky:

Englobe Corp. is pleased to submit this letter which provides the results of a particle size distribution analysis and percolation time assessment for a sample of soil submitted to our laboratory on May 22<sup>nd</sup> 2019. It is understood that the sample was collected from the above-referenced property; however, we are unable to confirm the sample depth or location. Additionally, the soil sample submitted cannot be confirmed to be the predominant soil type for the sewage system design.

The results of the particle size distribution analysis are presented on Figure 1, appended, and indicate that the sample contains 0% gravel, 86% sand, 6% silt, and 8% clay. The percolation time of the sample was assessed based on soil type as described by the Unified Soil Classification System in MMAH Supplementary Standard SB-6 "Percolation Time and Soil Descriptions" of the Ontario Building Code (OBC), and determined by the laboratory test results. The sample is classified as "SP-SC", for which the OBC specifies a percolation time (T) in the range of 2 to 50 min/cm. A minimum percolation time of T = 12 min/cm is appropriate for the sample.

In addition to gradation, the percolation time of the soil is dependent on many on-site factors that were not considered as part of this assessment, such as density, structure and moisture content. It is the responsibility of the sewage system designer to consider these factors prior to choosing a percolation time suitable for design, and to carry out field inspections at the time of sewage system installation to confirm that the soil and groundwater conditions are consistent with the design assumptions.


We trust that this letter is suitable for your present requirements. If you have any questions, please do not hesitate to contact our office.

Yours very truly,

Karanveer Singh, EIT  
Project Manager

Encl. Figure 1 – Particle Size Analysis

Englobe Corp.



Evan Childerhose, P.Eng.  
Senior Geotechnical Engineer



T 519 720 0078  
F 519 720 0976  
brantford@englobecorp.com

160-19220-0-01-400-TU-L-0001-00  
June 3/19





# PARTICLE SIZE ANALYSIS

Project: **Septics for William Hrehorsky South Lot**

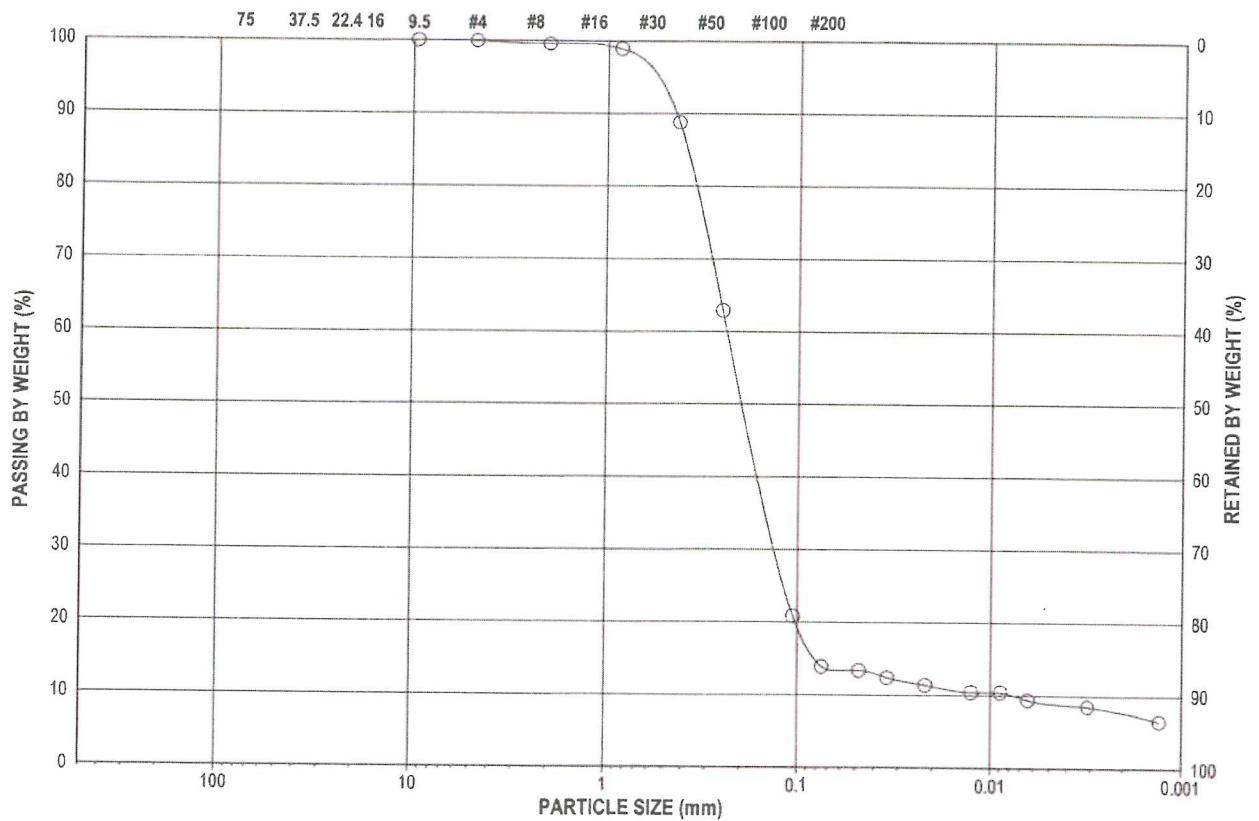
Figure No : **1**

Location: **3767 Teeterville Road, South Lot, Teeterville, Ontario**

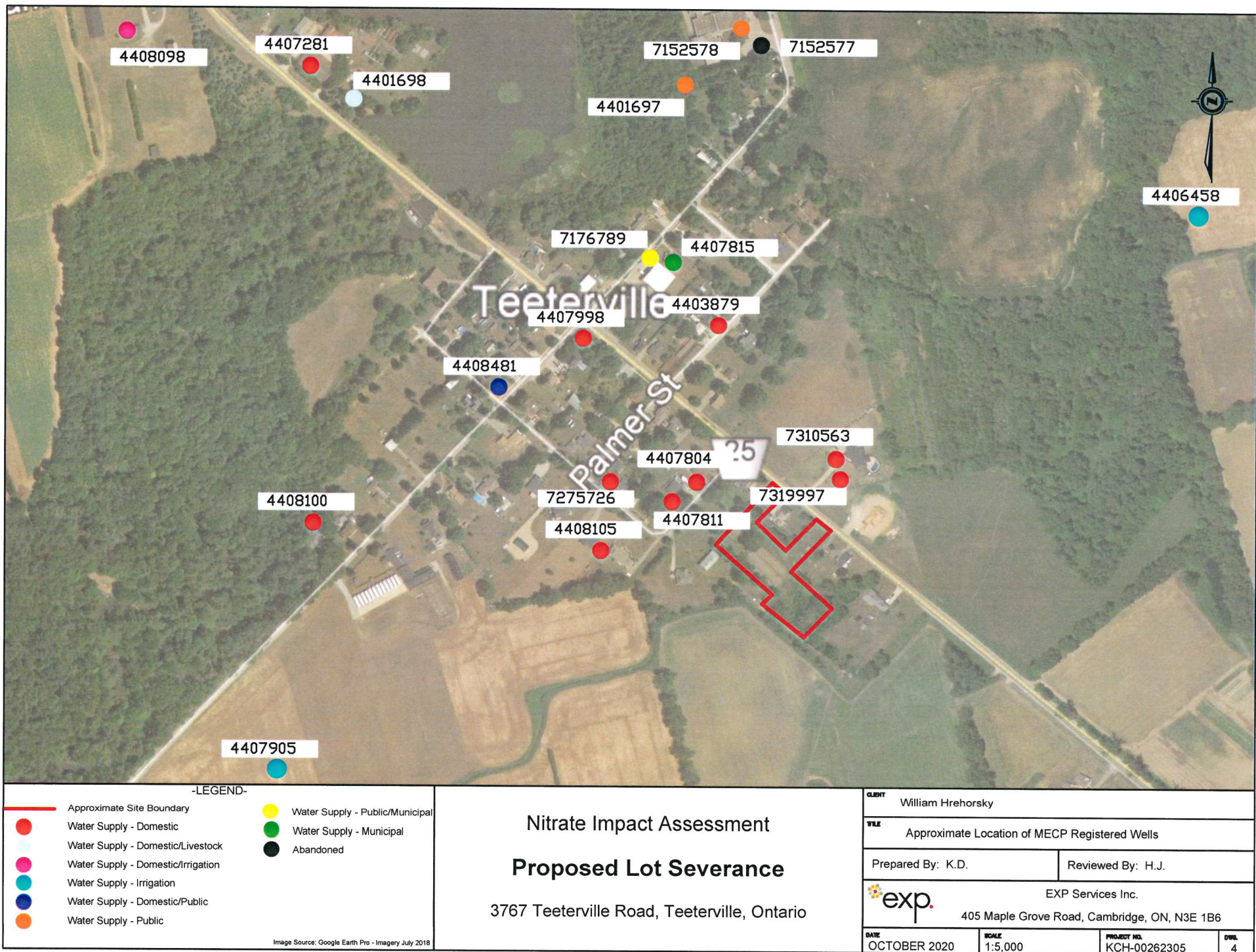
File No : **P-0019220-0-01-400**

## UNIFIED SOIL CLASSIFICATION


COBBLES	GRAVEL		SAND			SILT OR CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE	
U.S. SIEVE SIZE IN MILLIMETRES			U.S. STANDARD SIEVE No.			HYDROMETER



Symbol	Sample n°	Description
—○—	S-42	SAND, trace Silt and Clay



**Nitrate Impact Assessment**  
**Proposed Lot Severance**  
 3767 Teeterville Road, Teeterville, Ontario

CLIENT William Hrehorsky	
TITLE Approximate Location of MECP Registered Wells	
Prepared By: K.D.	Reviewed By: H.J.
 <div>             EXP Services Inc.              405 Maple Grove Road, Cambridge, ON, N3E 1B6           </div>	
DATE OCTOBER 2020	SCALE 1:5,000
PROJECT NO. KCH-00262305	DWG. 4



# Water Well Records

Tuesday, 27 October, 2020

11:29:08

TOWNSHIP (CON ID)	TIME	DATE (TIME)	CASING DIA	WATER	PUMP TEST	WELL USE	SCREEN	WELL	FORMATION
WINDHAM TOWNSHIP	17 545515 4755205 W	2010/08 7389	6.09	FR 0017	9/27/10/1:0	PS	0043 3	7152578 (Z121093) A095425	BRWN LOAM SAND SOFT 0004 BRWN SAND PCKD 0017 BRWN SAND GRVL SOFT 0050 BRWN CLAY SILT LOOS 0053
WINDHAM TOWNSHIP	17 545508 4755205 W	2010/08 7389				PS		7152577 (Z121095) A	
WINDHAM TOWNSHIP	17 545645 4754723 W	2018/08 7343	6.25 6.25		10/11/20/2:0	DO	0029 8	7319997 (Z295410) A254753	BRWN SAND 0013 GREY SAND 0027 GREY SAND CGRD 0033 GREY GRVL SAND 0038
WINDHAM TOWNSHIP CON 05 013	17 545638 4754747 W	2018/03 7343	6.25 6.25	FR 0032	6/12/10/2:0	DO	0032 8	7310563 (Z280590) A244186	BRWN SAND 0010 GREY CSND 0040 GREY FSND 0043
WINDHAM TOWNSHIP CON 05 013	17 545441 4754952 W	2011/03 7356	6	FR	8/11/30/2:	PS MN	0030 9	7176789 (Z127582) A112453	
WINDHAM TOWNSHIP CON 05 013	17 545514 4754883 W	1977/09 5201	1	FR 0010	10//30/2:30	DO	0014 4	4403879 (I)	BLCK LOAM 0002 BRWN CSND 0008 GREY MSND 0017
WINDHAM TOWNSHIP CON 05 013	17 545705 4754737 L	1994/06 5201	5	FR 0010	10/20/60/1:0	IR	0025 8	4406458 (143857)	BLCK LOAM 0002 BRWN SAND 0010 GREY MSND 0033
WINDHAM TOWNSHIP CON 05 013	17 545705 4754737 L	1999/10 6540	5	FR 0009	9/15/10/41:0	DO	0024 3	4407281 (195694)	BRWN MSND 0009 GREY MSND 0027 GREY CLAY SAND SOFT 0028
WINDHAM TOWNSHIP CON 05 013	17 545705 4754736 L	2000/06 5201	1	FR 0005	5/5/20/2:30	DO	0016 4	4407390 (211893)	BLCK LOAM 0002 BRWN SAND 0005 BRWN MSND 0020
WINDHAM TOWNSHIP CON 05 013	17 545464 4755148 W	1958/06 5438	6	FR 0006	6/10/12/2:0	PS		4401697 (I)	LOAM 0002 GRVL 0030
WINDHAM TOWNSHIP CON 05 013	17 545703 4754734 L	2001/05 6540	6	FR 0009	7/13/80/1:0	MN	0029 8	4407815 (223159)	BRWN SAND FILL 0002 BRWN MSND 0011 GREY MSND 0022 GREY FSND 0028 GREY SAND CGVL 0037 GREY SAND SILT CLAY 0039
WINDHAM TOWNSHIP CON 05 013	17 545481 4754734 W	2001/03 6540	1	FR 0008 FR 0023	5/20/30/1:30	DO	0025 4	4407804 (223152)	BRWN SAND FILL 0002 BRWN MSND 0023 GREY CSND 0029
WINDHAM TOWNSHIP CON 05 014	17 545121 4754613 L	2003/06 6540	2	FR 0016	16/24/65/2:0	DO IR	0025 10	4408098 (255972)	BRWN LOAM 0001 BRWN MSND 0016 GREY MSND 0035 GREY CLAY SAND SOFT 0037
WINDHAM TOWNSHIP CON 05 014	17 545114 4755123 W	1961/06 5501	5	SU 0120	///:	ST DO		4401698 (I)	YLLW MSND 0030 MSND 0038 GRVL 0040 CLAY LOAM 0120
WINDHAM TOWNSHIP CON 05 014	17 545445 4754700 W	2001/08 6540	1	FR 0007	7/16/40/1:30	DO	0025 4	4407811 (223163)	BRWN LOAM 0001 BRWN MSND 0023 GREY CSND 0029
WINDHAM TOWNSHIP CON 05 014	17 545121 4754612 L	2003/03 7193	5	FR 0009	9/15/20/1:0	DO	0018 4	4407998 (265210)	GREY GRVL 0001 BRWN SAND GRVL 0009 BRWN CSND 0022







EXP SERVICES INC.  
ATTN: Heather Jaggard  
405 Maple Grove Road  
Unit 6  
Cambridge ON N3E 1B6

Date Received: 19-OCT-20  
Report Date: 04-NOV-20 10:17 (MT)  
Version: FINAL REV. 2

Client Phone: 519-650-4918

## Certificate of Analysis

Lab Work Order #: L2518264  
Project P.O. #: NOT SUBMITTED  
Job Reference: KCH-00262305  
C of C Numbers: 17-794446  
Legal Site Desc:

Comments:

4-NOV-2020 Well 1

Gayle Braun  
Senior Account Manager

[This report shall not be reproduced except in full without the written authority of the Laboratory.]

ADDRESS: 60 Northland Road, Unit 1, Waterloo, ON N2V 2B8 Canada | Phone: +1 519 886 6910 | Fax: +1 519 886 9047  
ALS CANADA LTD Part of the ALS Group An ALS Limited Company

## #2: Ontario DW Aesthetic and Operational Guidelines (June, 2006)

## Reference Information

## Methods Listed (if applicable):

ALS Test Code	Matrix	Test Description	Method Reference***
EC-MF-WT	Water	E. coli	SM 9222D
A 100 mL volume of sample is filtered through a membrane, the membrane is placed on mFC-BCIG agar and incubated at 44.5 – 0.2 C for 24 – 2 h. Method ID: WT-TM-1200			
EC-SCREEN-WT	Water	Conductivity Screen (Internal Use Only)	APHA 2510
Qualitative analysis of conductivity where required during preparation of other tests - e.g. TDS, metals, etc.			
NO2-DW-IC-WT	Water	Nitrite in Water by IC	EPA 300.1 (mod)
Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.			
NO3-DW-IC-WT	Water	Nitrate in Water by IC	EPA 300.1 (mod)
Inorganic anions are analyzed by Ion Chromatography with conductivity and/or UV detection.			
TC,EC-QT51-DW-WT	Water	Total Coliform and E. Coli	APHA 9223B
This analysis is carried out using procedures adapted from APHA Method 9223 "Enzyme Substrate Coliform Test". E. coli and Total Coliform are determined simultaneously. The sample is mixed with a mixture of hydrolyzable substrates and then sealed in a multi-well packet. The packet is incubated for 18 or 24 hours and then the number of wells exhibiting a positive response are counted. The final result is obtained by comparing the positive responses to a probability table.			
TC-MF-WT	Water	Total Coliforms	SM 9222B
A 100mL volume of sample is filtered through a membrane, the membrane is placed on mENDO LES agar and incubated at 35–0.5 C for 24–2h. Method ID: WT-TM-1200			

\*\*\* ALS test methods may incorporate modifications from specified reference methods to improve performance.

Chain of Custody numbers:

17-794446

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location	Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA		

## GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mg/kg wwt - milligrams per kilogram based on wet weight of sample

mg/kg lwt - milligrams per kilogram based on lipid-adjusted weight

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.

Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, fitness for a particular purpose, or non-infringement. ALS assumes no responsibility for errors or omissions in the information. Guideline limits are not adjusted for the hardness, pH or temperature of the sample (the most conservative values are used). Measurement uncertainty is not applied to test results prior to comparison with specified criteria values.



## Quality Control Report

Workorder: L2518264

Report Date: 04-NOV-20

Page 1 of 3

Client: EXP SERVICES INC.  
405 Maple Grove Road Unit 6  
Cambridge ON N3E 1B6

Contact: Heather Jaggard

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
NO2-DW-IC-WT	Water							
Batch	R5264358							
WG3429394-10 DUP		WG3429394-8						
Nitrite (as N)		<0.010	<0.010	RPD-NA	mg/L	N/A	20	21-OCT-20
WG3429394-4 DUP		WG3429394-3						
Nitrite (as N)		<0.010	<0.010	RPD-NA	mg/L	N/A	20	21-OCT-20
WG3429394-2 LCS								
Nitrite (as N)			100.6		%		90-110	21-OCT-20
WG3429394-7 LCS								
Nitrite (as N)			100.1		%		90-110	21-OCT-20
WG3429394-1 MB								
Nitrite (as N)			<0.010		mg/L		0.01	21-OCT-20
WG3429394-6 MB								
Nitrite (as N)			<0.010		mg/L		0.01	21-OCT-20
WG3429394-5 MS		WG3429394-3						
Nitrite (as N)			103.0		%		75-125	21-OCT-20
WG3429394-9 MS		WG3429394-8						
Nitrite (as N)			101.9		%		75-125	21-OCT-20
NO3-DW-IC-WT	Water							
Batch	R5264358							
WG3429394-10 DUP		WG3429394-8						
Nitrate (as N)		<0.020	<0.020	RPD-NA	mg/L	N/A	20	21-OCT-20
WG3429394-4 DUP		WG3429394-3						
Nitrate (as N)		0.376	0.375		mg/L	0.2	20	21-OCT-20
WG3429394-2 LCS								
Nitrate (as N)			99.7		%		90-110	21-OCT-20
WG3429394-7 LCS								
Nitrate (as N)			98.9		%		90-110	21-OCT-20
WG3429394-1 MB								
Nitrate (as N)			<0.020		mg/L		0.02	21-OCT-20
WG3429394-6 MB								
Nitrate (as N)			<0.020		mg/L		0.02	21-OCT-20
WG3429394-5 MS		WG3429394-3						
Nitrate (as N)			101.3		%		75-125	21-OCT-20
WG3429394-9 MS		WG3429394-8						
Nitrate (as N)			98.6		%		75-125	21-OCT-20
TC,EC-QT51-DW-WT	Water							





## Quality Control Report

Workorder: L2518264

Report Date: 04-NOV-20

Page 2 of 3

Client: EXP SERVICES INC.  
405 Maple Grove Road Unit 6  
Cambridge ON N3E 1B6  
Contact: Heather Jaggard

Test	Matrix	Reference	Result	Qualifier	Units	RPD	Limit	Analyzed
TC,EC-QT51-DW-WT	Water							
Batch	R5257577							
WG3427497-2	DUP	L2518264-1						
Total Coliforms		0	0		MPN/100mL	0.0	65	19-OCT-20
Escherichia Coli		0	0		MPN/100mL	0.0	65	19-OCT-20
WG3427497-1	MB							
Total Coliforms			0		MPN/100mL		1	19-OCT-20
Escherichia Coli			0		MPN/100mL		1	19-OCT-20

# Quality Control Report

Workorder: L2518264

Report Date: 04-NOV-20

Client: EXP SERVICES INC.  
405 Maple Grove Road Unit 6  
Cambridge ON N3E 1B6  
Contact: Heather Jaggard

Page 3 of 3

## Legend:

---

Limit	ALS Control Limit (Data Quality Objectives)
DUP	Duplicate
RPD	Relative Percent Difference
N/A	Not Available
LCS	Laboratory Control Sample
SRM	Standard Reference Material
MS	Matrix Spike
MSD	Matrix Spike Duplicate
ADE	Average Desorption Efficiency
MB	Method Blank
IRM	Internal Reference Material
CRM	Certified Reference Material
CCV	Continuing Calibration Verification
CVS	Calibration Verification Standard
LCSD	Laboratory Control Sample Duplicate

## Sample Parameter Qualifier Definitions:

---

Qualifier	Description
RPD-NA	Relative Percent Difference Not Available due to result(s) being less than detection limit.

---

## Hold Time Exceedances:

All test results reported with this submission were conducted within ALS recommended hold times.

ALS recommended hold times may vary by province. They are assigned to meet known provincial and/or federal government requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by the US EPA, APHA Standard Methods, or Environment Canada (where available). For more information, please contact ALS.

---

The ALS Quality Control Report is provided to ALS clients upon request. ALS includes comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against pre-determined data quality objectives to provide confidence in the accuracy of associated test results.

Please note that this report may contain QC results from anonymous Sample Duplicates and Matrix Spikes that do not originate from this Work Order.



# Chain of Custody (COC) / Analytica Request Form

Canada Toll Free: 1 800 668 9878



L2518264-COFC

COC Number: 17 - 794446

Page 1 of 1

www.alsglobal.com

<b>Report To</b> Contact and company name below will appear on the final report		<b>Report For</b> Distribution		<b>Select Service Level Below - Contact your AM to confirm all E&amp;P TATs (surcharges may apply)</b>		
Company:	EXP	Select Report Format:	<input checked="" type="checkbox"/> PDF <input checked="" type="checkbox"/> EXCEL <input type="checkbox"/> EDD (DIGITAL)	Regular [R] <input checked="" type="checkbox"/> Standard TAT if received by 3 pm - business days - no surcharges apply		
Contact:	HEATHER JAGGARD	Quality Control (QC) Report with Report	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Emergency <input type="checkbox"/> 1 Business day [E - 100%]		
Phone:	905-977-9030	<input checked="" type="checkbox"/> Compare Results to Criteria on Report - provide details below if box checked		Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)]		
Company address below will appear on the final report		Select Distribution:	<input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX	Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm		
Street:	405 MAPLE GROVE RD. UNIT 6	Email 1 or Fax	heather.jaggard@exp.com	For tests that can not be performed according to the service level selected, you will be contacted.		
City/Province:	CAMBRIDGE, ON	Email 2		<b>Analysis Request</b>		
Postal Code:	N3E 1B6	Email 3		Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below		
Invoice To	Same as Report To <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<b>Invoice Distribution</b>		<b>NUMBER OF CONTAINERS</b>		
Copy of Invoice with Report	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Select Invoice Distribution:	<input checked="" type="checkbox"/> EMAIL <input type="checkbox"/> MAIL <input type="checkbox"/> FAX			
Company:		Email 1 or Fax	heather.jaggard@exp.com			
Contact:		Email 2				
<b>Project Information</b>		<b>Oil and Gas Required Fields (client use)</b>		<b>SAMPLES ON HOLD</b>		
ALS Account # / Quote #:		AFE/Cost Center:	PO#			
Job #:	KCH-00262305	Major/Minor Code:	Routing Code:			
PO / AFE:		Requisitioner:				
LSD:		Location:		<b>SUSPECTED HAZARD (see Special Instructions)</b>		
ALS Lab Work Order # (lab use only): L2518264 XP		ALS Contact:	GAYLE BRAUN			
		Sampler:	KD			
ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type		
	WELL 1 (3767 TEETERVILLE)	19-OCT-20	10:05	GW	2 X X X	
	SW1	19-OCT-20	10:20	SW	2 X X X	
Drinking Water (DW) Samples <sup>1</sup> (client use)		Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)		<b>SAMPLE CONDITION AS RECEIVED (lab use only)</b>		
Are samples taken from a Regulated DW System?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	ODWQS		Frozen <input type="checkbox"/> SIF Observations Yes <input type="checkbox"/> No <input type="checkbox"/>		
Are samples for human consumption/ use?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Ice Packs <input checked="" type="checkbox"/> Ice Cubes <input type="checkbox"/> Custody seal intact Yes <input type="checkbox"/> No <input type="checkbox"/>		
				Cooling Initiated <input checked="" type="checkbox"/>		
				INITIAL COOLER TEMPERATURES °C		
				7.6		
				FINAL COOLER TEMPERATURES °C		
<b>SHIPMENT RELEASE (client use)</b>		<b>INITIAL SHIPMENT RECEPTION (lab use only)</b>		<b>FINAL SHIPMENT RECEPTION (lab use only)</b>		
Released by:	Kelly Robb	Date:	19/10/2020	Received by:	AP	
Time:	11:50	Date:		Date:	9-Oct-20	
		Time:		Time:	12:00	

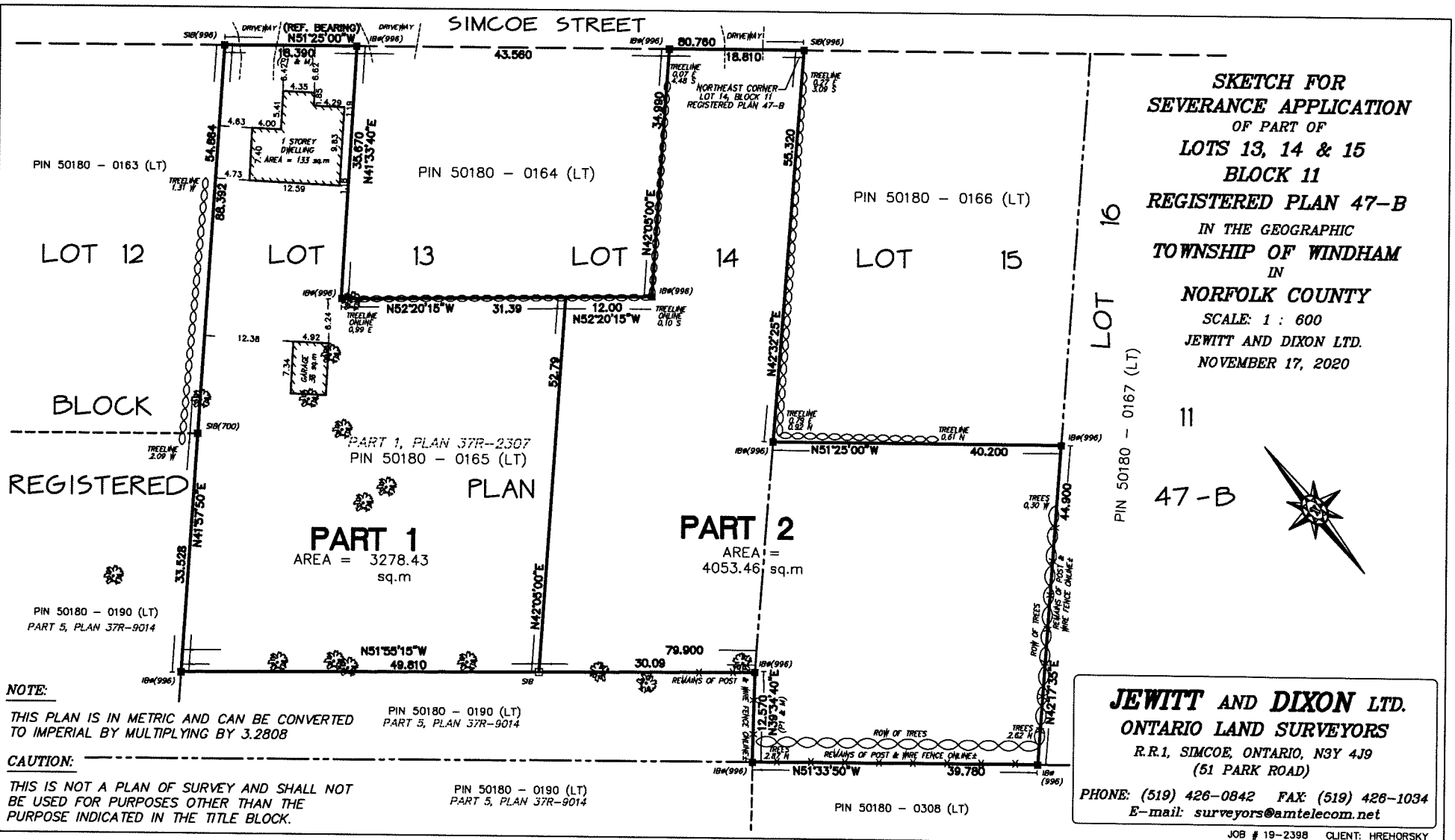
REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY

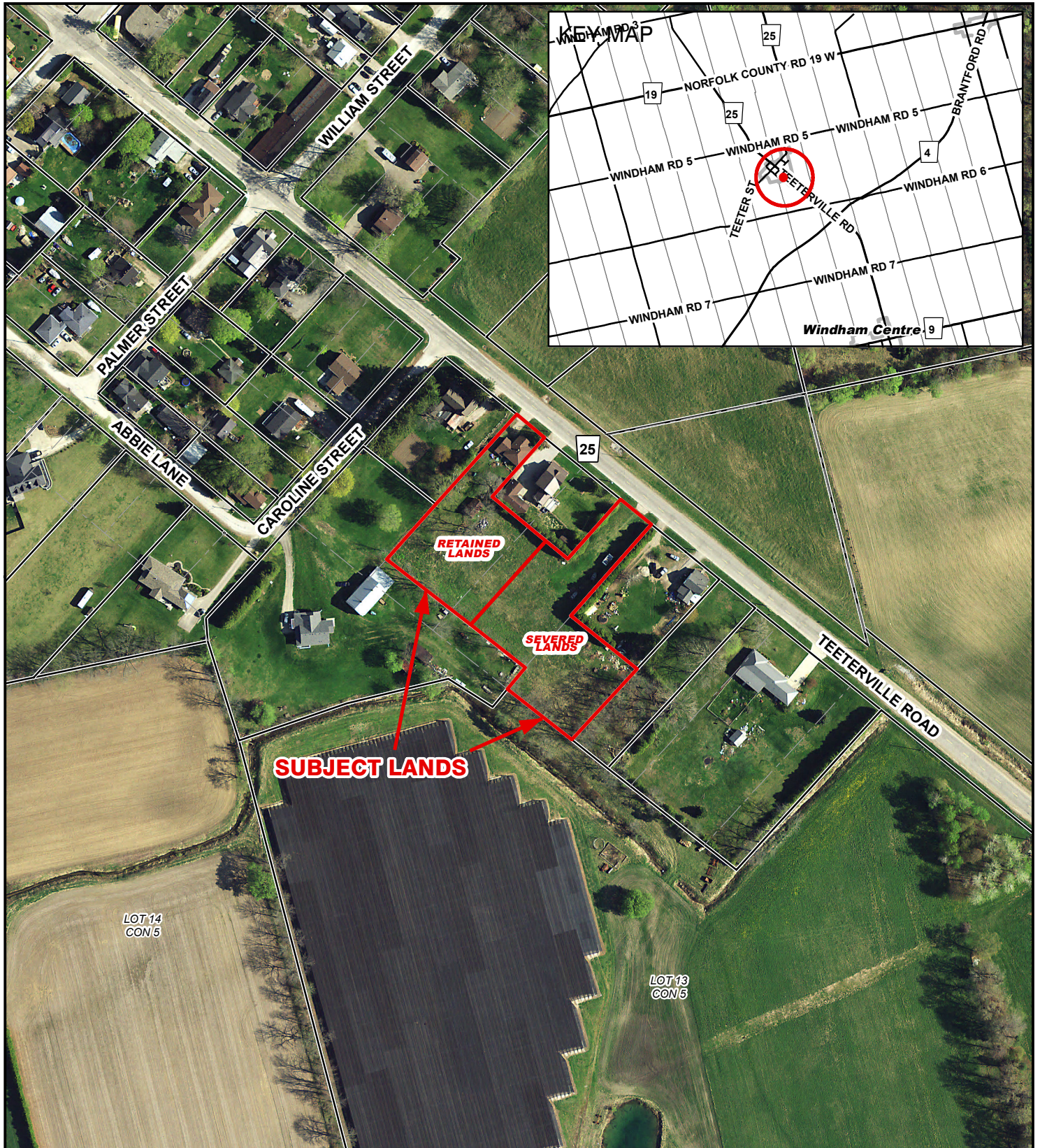
YELLOW - CLIENT COPY

1. If any water samples are taken from a Regulated Drinking Water (DW) System, please submit using an Authorized DW COC form.

SIMCOE STREET





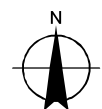


**Legend**

Subject Lands

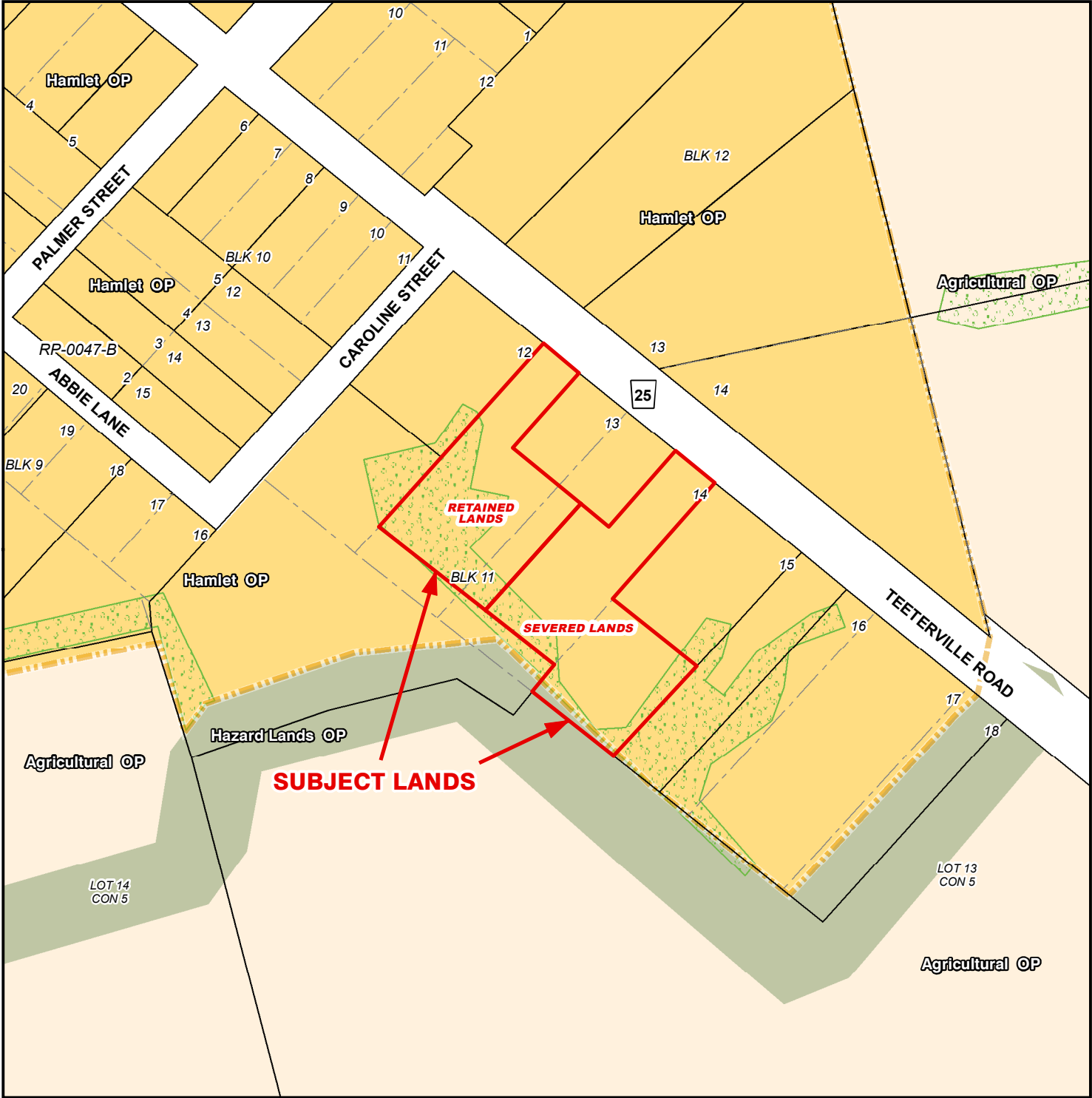
2015 Air Photo

2021-09-22



105 0 10 20 30 40  
 Meters





**Legend**

Subject Lands

Agricultural

Hazard Lands

Hamlet

**Official Plan Designations**

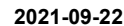
Hamlet Area Boundary

Significant Woodland

2021-09-22

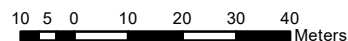
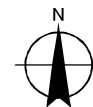
10 5 0 10 20 30 40 Meters

BNPL2021289  
ANPL2021290  
ANPL2021291



ZONING BY-LAW 1-Z-2014

- (H) - Holding  
A - Agricultural Zone  
RH - Hamlet Residential Zone  
HL - Hazard Land Zone



# MAP D

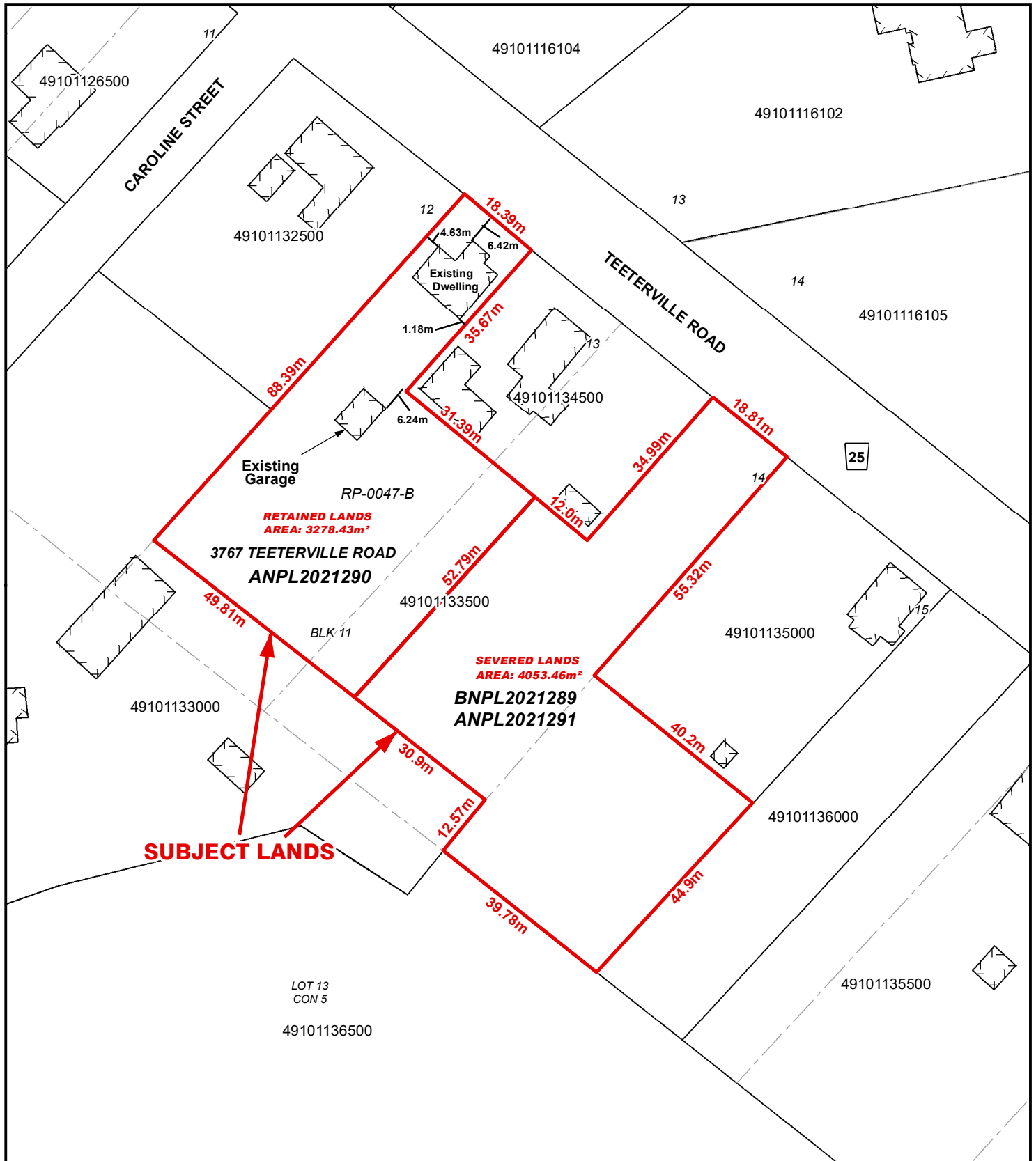
## CONCEPTUAL PLAN

Geographic Township of WINDHAM

BNPL2021289

ANPL2021290

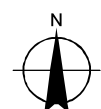
ANPL2021291



### Legend

Subject Lands

2021-09-22



8 4 0 8 16 24 32 Meters



# LOCATION OF LANDS AFFECTED

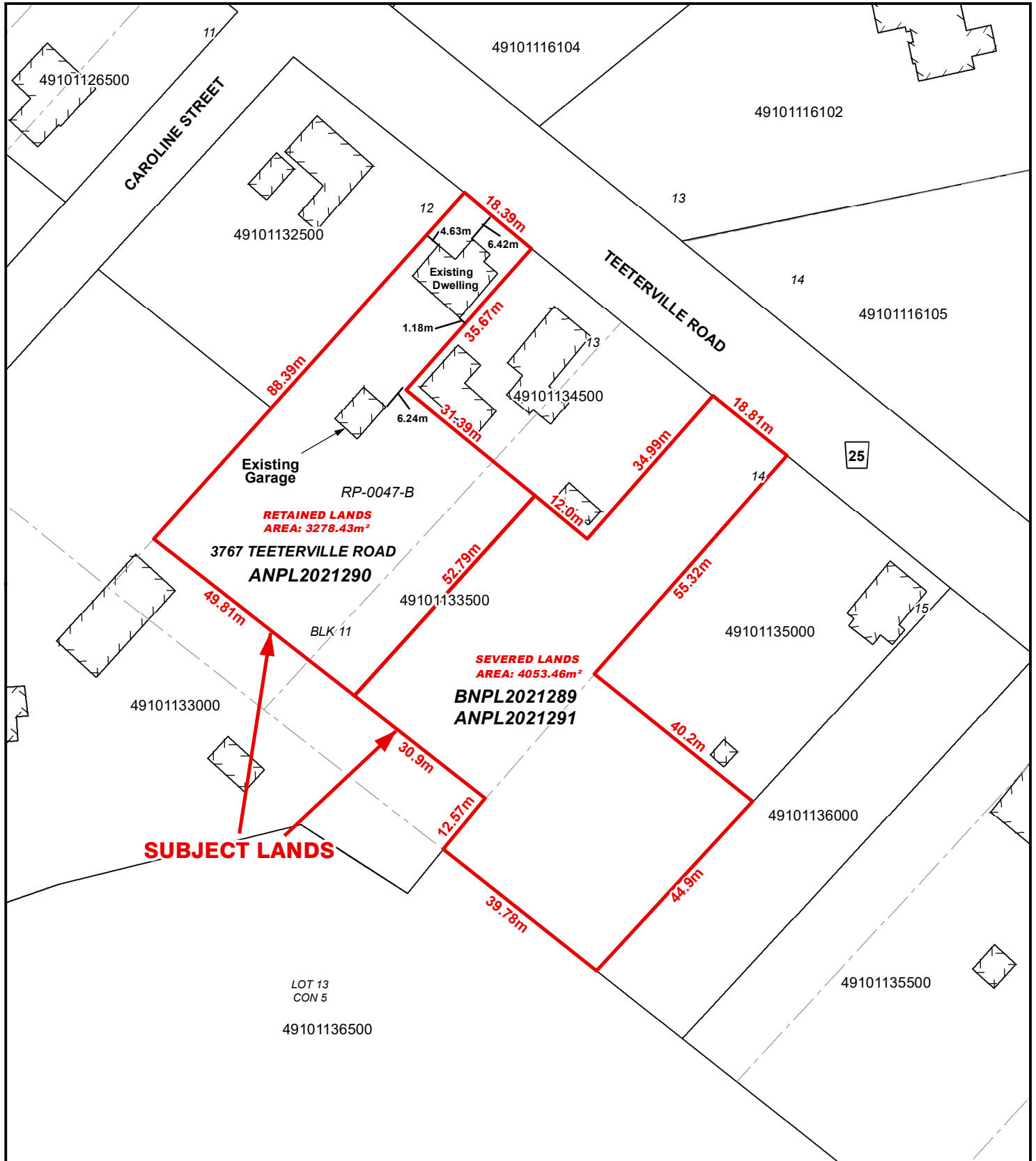
## CONCEPTUAL PLAN

Geographic Township of WINDHAM

BNPL2021289

ANPL2021290

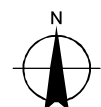
ANPL2021291



### Legend

Subject Lands

2021-09-22



8 4 0 8 16 24 32 Meters