Hydrogeological Study Report

1565 County Road 18, Township of Selwyn, Ontario

D.M. Wills Project Number 26-11230

D.M. Wills Associates Limited
Partners in Engineering, Planning and Environmental Services
Peterborough

May 2026

Prepared for:
WJ Canada

Submissions Summary

Submission No.	Submission Title	Date of Release	Submissions Summary
1	Hydrogeological Study Report	May 26, 2026	Zoning By-Law Amendment Submission

This report has been formatted considering the requirements of the Accessibility for Ontarians with Disabilities Act.

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1.0 Introduction

D.M. Wills Associates Limited (Wills) was retained by WJ Canada c/o Robert MacLean (Client) to conduct a Hydrogeological Study (Study) in support of the Zoning By-law Amendment (ZBA) for the property located at 1565 County Road 18, Township of Selwyn, County of Peterborough, Ontario (Subject Property). Under the current Rural Industrial Exception Zone 217 M1-217 zoning, the Subject Property is limited to 'dry industrial' uses due to assumed limited water availability for more water-intensive uses. The ZBA is to permit the use of a contractor's yard on the Subject Property that includes a warehouse, shop, and outdoor storage (inclusive of a wash bay) which are anticipated to consume a higher volume of water.

Wills completed a pumping test on the existing dug well on April 1, 2026. The pumping test results indicated that the dug well cannot support the water taking needs of the proposed use. As a result, a new drilled well and hydraulic testing was required to demonstrate that sufficient groundwater quantity and quality is available on the Subject Property based on the Ministry of the Environment, Conservation and Parks (MECP) Guideline D-5-5 Private Wells: Water Supply Assessment (MECP D-5-5) and the Ontario Building Code (OBC) Sewage System Design Flows requirements. The Subject Property and new drilled well location are shown on **Figure 1**.

2.0 Scope of Work

Wills' approved Scope of Work to complete the Study included the following:

- A review of MECP Well Records within 500 metres (m) of the Subject Property.
- A Site-Specific Health and Safety Plan and Field Work Plan were prepared to ensure a safe and efficient fieldwork program.
- Joe Legge & Son's Drilling was retained to install the Ontario Regulation 903 water supply well on the Subject Property, herein described as Well 1 (MECP Well Tag No. A441388) on May 6, 2026. The MECP Well Record is included in **Appendix A.**
- A 6-hour duration pumping test was conducted on Well 1 to determine production yield, maximum pumping rate, well recovery, and groundwater quality on May 11, 2026.
- Two groundwater samples were collected from Well 1 during the pumping test (at the 1-hour and 6-hour pumping test intervals) and submitted to SGS Canada Inc. (SGS) for analysis of select physical, chemical, and biological parameters for comparison to the Ontario Drinking Water Quality Standards (ODWQS).
- During the pumping test, a Solinst Levelogger was employed and manual measurements were taken to record the drawdown and groundwater level fluctuations in the pumping well.
- An evaluation of pumping test data was completed with respect to the availability and quality of groundwater on the Subject Property in context of the anticipated water taking needs.

- Evaluation of Wills' desktop review and field investigation findings, and preparation of this Hydrogeological Study Report.

3.0 Desktop Review

3.1 MECP Water Well Record Survey and Review

A desktop review of MECP Well Records was conducted to provide a preliminary characterization of the local hydrogeological conditions within 500 m of the Subject Property. The MECP Well Location Plan showing the relative locations and MECP well identifiers of local water supply wells is included in **Appendix B**.

The MECP Well Record search identified two wells within 500 m of the Subject Property, including one installed in overburden and one installed in bedrock. Well depths range from approximately 6.4 metres below ground (mbg) to 14.8 mbg. Static water levels range from approximately 1.8 to 3.0 mbg. The recommended pumping rate (included on one well record) is approximately 38 L/min.

The stratigraphy provided on the well records was generally consistent and included a surficial layer of gravel and sand followed by clay material overlying a gravel aquifer in the overburden well. Bedrock was encountered at 7.9 mbg in the bedrock well.

Pertinent information including MECP Well ID, well depth, depth to encountered groundwater, static groundwater level, recommended pumping rate, depth to bedrock, and general comments on water quality are summarized and included in **Appendix B**.

4.0 Anticipated Water Taking Needs

The water taking needs for the proposed Subject Property use were estimated based on the MECP D-5-5 procedure and the OBC. The anticipated daily flows are based on the site plans prepared by M.J Davenport & Associates Ltd, dated February 2022 for the existing building, and as provided by the Client. The criteria and anticipated daily flows for each assessment include:

- MECP D-5-5
    - 450 L/day/person @ 10 staff: 4,500 L/day
    - Peak demand period: 120 minutes per day (peak demand rate of 3.5 L/min/person
    - Minimum pumping test rate: 3.75 L/min/person @ 10 staff: **37.5 L/min**
- OBC
    - Office Space (75 L/day per employee) @ 10 employees: 750 L/day
    - Warehouse (950 L/day per water closet [4 washrooms] and 150 L/day per loading bay [1 loading bay]): 3,950 L/day

- Truck Washing (1,500 L/week/5-day work week): 300 L/day
  - Note that wash bay wastewater will not be conveyed to the existing sewage disposal system. It will instead be managed and treated using a separate dedicated stormwater treatment system. The management of this wastewater is discussed in Wills' Stormwater Management Report, submitted under separate cover.
- Total daily flows: 5,000 L/day
- Minimum pumping test rate: **10.5 L/min** assuming an 8-hour workday

5.0 Subsurface Investigation

5.1 Water Supply Well Installations

Based on the Well Record for Well 1, the stratigraphy encountered on the Subject Property included a surficial layer of sand fill underlain by sand with varying amounts of gravel and silt to a depth of 6.4 mbg. No confining layer was identified to the well termination depth of 6.4 mbg. Groundwater was encountered at 6.1 mbg, with a static water level measured at 2.8 mbg following well installation. The MECP Well Record for Well 1 is included in **Appendix A**.

The installation details for Well 1are summarized in **Table 1**.

Table 1 – Water Supply Well Installation Details

Well ID	UTMs (Zone 17 T)	Stick up Height (m)	Well Depth (mbg)
Well 1	713400 mE 4920857mN	0.57	6.4

5.2 Well 1 Pumping Test

A 6-hour duration pumping test was conducted on Well 1 to assess its productivity and performance under sustained pumping and to collect groundwater samples for quality analysis. The pumping test was conducted at a constant rate of 38 L/min, which approximates the MECP D-5-5 prescribed test rate for the anticipated water taking needs.

During the pumping test, a Solinst Levelogger was installed in Well 1 to record the groundwater level fluctuations (drawdown and recovery) resulting from the pumping activities. A Solinst Barologger was employed to account for atmospheric pressure changes during the pumping test. The raw Solinst Levelogger data was corrected to account for the recorded atmospheric pressure changes.

Confirmatory manual measurements of the groundwater levels in Well 1 were obtained using a Heron Instruments Water Level Meter.

Well details, including static water levels measured prior to the initiation of the pumping test are summarized in **Table 2**.

Table 2– Well 1 Pumping Test Details

				Date:	May 11, 2026
Well ID	**Well Depth (mbtop)**	**Well Depth (mbg)**	**Stick Up (mag)**	**Static Water Level (mbtp)**	**Static Water Level (mbg)**
Pumping Well					
Well 1	6.97	6.40	0.57	2.82	2.25

mbtop – metres below top of pipe, **mbg** – metres below ground, **mag** – metres above ground

A hydrograph for the Well 1 is included in **Appendix C.** Pumping test details are summarized in **Table 3**.

Table 3 – Well 1 Pumping Test Summary

	Pumping Rate (L/min)	**Time (minutes)**	**Max. Drawdown (m)**	**Stabilization Depth (mbg)**	**Volume Pumped (L)**
Constant Rate	38	360	0.13	+/- 2.92	13,680
Recovery Time			**% Recovery**		
6 minutes			100%		

The pumping test results indicate that Well 1 can provide a sustainable water supply of 38 L/min for at least 6 hours, with rapid recovery. Furthermore, only 2% of the available drawdown was used during the pumping test. These results indicate the well meets the water taking needs of the proposed use and satisfies the MECP D-5-5 requirements.

5.2.1 Groundwater Quality

Two groundwater samples were collected from Well 1 during the pumping test. One sample was collected 1-hour into the pumping test and the second sample was collected at the 6-hour mark, prior to shutting off the pump. Samples were collected in dedicated sample bottles, kept in a cooler with ice and transported to SGS immediately following completion of the field activities. Analytical results were compared to the ODWQS. The Certificate of Analysis provided by SGS is included in **Appendix D**.

Well 1 groundwater quality was found to comply with most ODWQS, except for the following:

- Hardness, manganese, and sodium in both the 1-hour and the 6-hour samples
- Turbidity in the 1-hour sample
- Total Coliform in the 6-hour sample

Any water treatment system connected to Well 1 should be designed on the basis of the exceedances noted above. Commercial filtration and disinfection methods may be used to effectively remove and inactivate any harmful protozoa, bacteria or viruses, and/or metals, and commercial water softening may be used to treat elevated levels of hardness.

6.0 Conclusions and Recommendations

Wills' Study was requested to confirm adequate water supply and water quality on the Subject Property to support the proposed use. The following conclusions with respect to the Study are provided based on Wills' investigative findings:

- Based on the MECP Well Record for Well 1 shallow subsurface soils were generally consistent across the Subject Property and included sand fill underlain by sand with varying amounts of gravel and silt to a depth of 6.40 mbg.
- The groundwater quality assessed during the pumping test indicates compliance with the ODWQS within the exception of hardness, sodium, manganese, turbidity (1-hour sample), and total coliform (6-hour sample).
    - Any water treatment system connected to Well 1 should be designed on the basis of the exceedances noted above. Commercial filtration and disinfection methods may be used to effectively remove and inactivate any harmful protozoa, bacteria or viruses, and/or metals and commercial water softening may be used to treat elevated levels of hardness.
- The pumping test results indicate that Well 1 can provide a sustainable water supply of 38 L/min for at least 6 hours, with rapid recovery.
    - These results indicate the well meets the water taking needs of the proposed Subject Property use and satisfies the MECP D-5-5 and OBC requirements.

7.0 Closing

We trust that the information contained in and attached to this report meets your needs at this time. The Statement of Limitations found below should be read carefully and is an integral part of this report. Do not hesitate to contact the undersigned if you have any questions or concerns.

Respectfully submitted,

Prepared by: _____
Lynsey Tuters, B.A., C.Tech.
Senior Environmental Technologist

Reviewed by: _____
Ian Ames, M.Sc., P.Geo.
Environmental Monitoring and Management Group Lead

LT/ia/jh

Statement of Limitations

This report is intended solely for WJ Canada c/o Robert MacLean (Client) for the Proposed Development located at 1565 County Road 18, Township of Selwyn, Ontario, and is prohibited for use by others without D.M. Wills Associates Limited's (Wills) prior written consent. This report is considered Wills' professional work product and shall remain the sole property of Wills. Any unauthorized reuse, redistribution of or reliance on this report shall be at the Client and recipient's sole risk, without liability to Wills. The Client shall defend, indemnify and hold Wills harmless from any liability arising from or related to the Client's unauthorized distribution of the report. No portion of this report may be used as a separate entity; it is to be read in its entirety and shall include supporting drawings and appendices.

The recommendations made in this report are based on Wills' present understanding of the Project, the current and proposed site use, ground and subsurface conditions, and are based on the work scope approved by the Client and described in the report. The services were performed in a manner consistent with the level of care and skill ordinarily exercised by members of geoscience or engineering professions currently practicing under similar conditions in the same locality. No other representations, and no warranties or representations of any kind, either expressed or implied, are made. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the sole responsibility of such third parties.

The recommendations and comments made in this report are based on Wills' investigations and resulting understanding of the Project, as defined at the time of the assignment. Wills should be retained to review our recommendations when the final or any modified design drawings and specifications are complete. Without this review, Wills shall not be liable for any misunderstanding of our recommendations or their application and adaptation.

Soil, bedrock, and groundwater conditions between and beyond the test locations may differ both horizontally and vertically from those encountered at the test locations. Should any conditions at the Subject Property be encountered which differ from those found at the test locations, Wills must be notified immediately in order to permit a reassessment of our recommendations. If different conditions are identified, no matter how minor, the recommendations in this report shall be considered invalid until sufficient review and written assessment of said conditions by Wills is completed.

Figure

Source(s):
- Google Earth

GRAPHIC SCALE
0 4 8 16 24 m

Legend

- Subject Property
- Subject Property
- Septic Bed location
- Fire Storage Tank location
- Drilled Water Supply Well

Subject Property Plan

1565 County Road 18,
Township of Selwyn, Ontario

D.M. Wills Associates Limited
150 Jameson Drive
Peterborough, Ontario
K9J 0B9

P. 705.742.2297
F. 705.748.9944
E. wills@dmwills.com

Drawn by: L. TUTERS	Scale: 1:800 on 8.5"x11" (US Letter)
Checked: I. AMES	Date: March 23, 2026
Project No.: 11230	Drawing file No.: Figure 1

Appendix A

Well 1 MECP Well Record

Ontario — Ministry of the Environment, Conservation and Parks

Well Tag No. (Place Sticker and/or Print Below): Tag#:A441388

Well Record

Regulation 903 Ontario Water Resources Act

Measurements recorded in: ☐ Metric ☒ Imperial

Page ____ of ____

Well Owner's Information

First Name	Last Name/Organization	E-mail Address	☐ Well Constructed by Well Owner
ROTO	SPA		

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
1563 8th LINE SMITH	LAKEFIELD	ONT	K0L2H0	7058722272

Well Location

Address of Well Location (Street Number/Name)	Township	Lot	Concession
8th LINE SMITH	SMITH		

County/District/Municipality	City/Town/Village	Province	Postal Code
PETERBOROUGH	LAKEFIELD	Ontario	K0L2H0

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	17	713401	4920862		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	Depth (m/ft) To
BROWN/GREY	SAND/CLAY	STICKS	FILL	0	6
GREY	SAND, SILTS		PACKED	6	16
GREY	SAND	GRAVEL, STONES	COARSE	16	21

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m^3/ft^3)
0	20	BENTONITE MIX	12 ft^3

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☒ Air percussion
☐ Other, specify

Well Use

☐ Public ☐ Commercial ☐ Not used
☒ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☐ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, specify

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
6¼	STEEL	.188	+2	20
6"	OPEN HOLE		20	20'2"

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From	Depth (m/ft) To

Status of Well

☒ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☐ Abandoned, other, specify
☐ Other, specify

Water Details

Water found at Depth	Kind of Water	Hole Diameter Depth From	Hole Diameter Depth To	Hole Diameter (cm/in)
20'2" (m/ft) ☐ Gas	☐ Fresh ☒ Untested ☐ Other, specify	0	20	9"
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify			
(m/ft) ☐ Gas	☐ Fresh ☐ Untested ☐ Other, specify			

Results of Well Yield Testing

After test of well yield, water was: ☒ Clear and sand free ☐ Other, specify

If pumping discontinued, give reason:

Pump intake set at (m/ft): 16

Pumping rate (l/min / GPM): 10

Duration of pumping: 6 hrs + 0 min

Final water level end of pumping (m/ft)

If flowing give rate (l/min/GPM)

Recommended pump depth (m/ft): 16

Recommended pump rate (l/min/GPM): 10

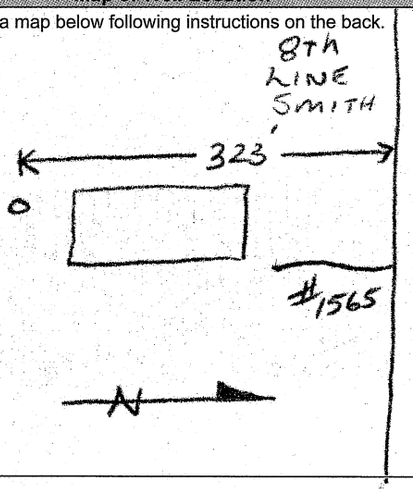
Well production (l/min/GPM): 15+

Disinfected? ☐ Yes ☐ No

	Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level	9.25		9.65	
1	9.54	1	9.25	
2	9.72	2		
3	↓	3	↓	
4	↓	4	↓	
5	9.72	5	↓	
10	9.65	10	9.25	
15	↓	15	↓	
20	↓	20	↓	
25	↓	25	↓	
30	↓	30	↓	
40	↓	40	↓	
50	↓	50	↓	
60	9.65	60	9.25	

Map of Well Location

Please provide a map below following instructions on the back.



Comments: → wellaware.ca

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
JOE KEGGE & SONS	7052

Business Address (Street Number/Name)	Municipality
RR#3	BANCROFT

Province	Postal Code	Business E-mail Address
ONT	K0L1C0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
6133920255	KEGGE ERIC

Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
5261	Kegge	

Well owner's information package delivered: ☒ Yes ☐ No

Date Package Delivered: ____

Date Work Completed: 2026/05/11

Ministry Use Only

Audit No. Z459551

Received

Well Owner's Copy

Appendix B

MECP Well Record Search

Legend

- Project Location
- MECP Well Records
- Study Area (500 m radius)
- Subject Property

1:7,000
NAD 1983 UTM Zone 17 North

0 70 140 280 Meters

Data Sources:
Map Contains information licensed under the Open Government Licence – Ontario.

Created in ArcGIS Pro 3.4

MECP Well Record Search

Map Date	2026-05-21
Drawn by:	ltuters
Checked by:	iames
Project No.	26-11230

WILLS

D.M. Wills Associates Limited

150 Jameson Drive
Peterborough, Ontario
K9J 0B9
P. 705.742.2297 | F. 705.741.3568
E. wills@dmwills.com

Hydrogeological Study

1565 County Road 18
Township of Selwyn, Ontario

MECP WELL SUMMARY
Well Record Summary
Project No.: 11230

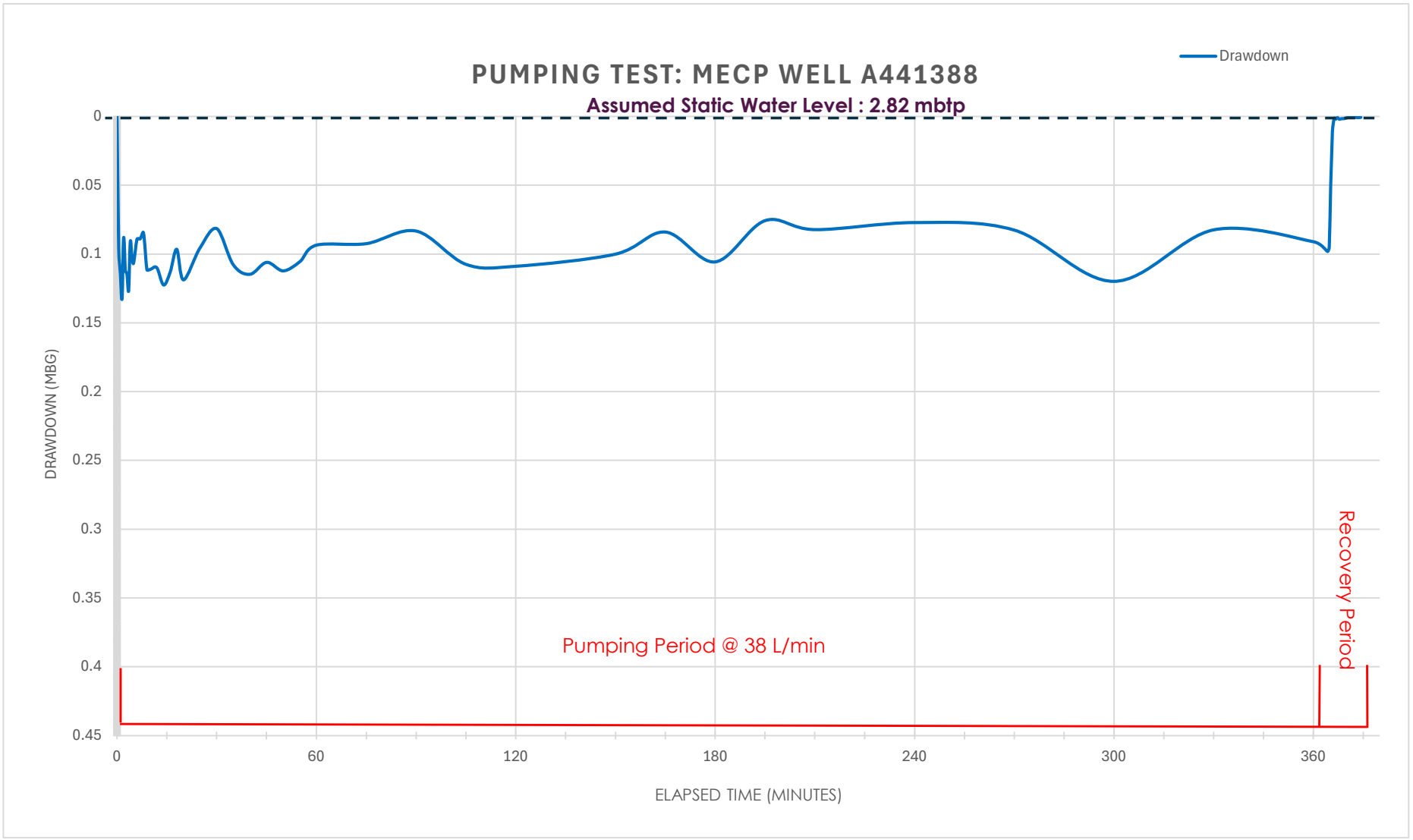
Lot No.	UTM	MECP Well ID	Well Use	Water Found Feet	Water Found Metres	Static Level Feet	Static Level Metres	REC Pump Rate gpm	REC Pump Rate L/min	Well Depth Feet	Well Depth Metres	Depth to Bedrock Feet	Depth to Bedrock Metres	Comments
(Conc. 7)														
21	17Z 713375 E, 4921712 N	5104015	Farm Use	43	13.1	6	1.8	-	-	49	14.9	26.0	7.9	Old dug well to 20', blue clay, limestone
21	17Z 713440 E, 4920919 N	7193472	Commercial	21	6.4	10	3.0	10	37.9	21	6.4	-	-	grey gravel and sand, grey clay, brwon coasre wet gravel and sand.

Number of Wells = 2

	Water Found Feet	Water Found Metres	Static Level Feet	Static Level Metres	REC Pump Rate Igpm	REC Pump Rate L/min	Well Depth Feet	Well Depth Metres	Depth to Bedrock Feet	Depth to Bedrock Metres
TOTALS	64.0	19.5	16.0	4.9	10.0	37.9	70.0	21.3	26.0	7.9
AVERAGE	32.0	9.8	8.0	2.4	10.0	37.9	35.0	10.7	26.0	7.9
MAXIMUM	43.0	13.1	10.0	3.0	10.0	37.9	49.0	14.9	26.0	7.9
MINIMUM	21.0	6.4	6.0	1.8	10.0	37.9	21.0	6.4	26.0	7.9

Appendix C

Pumping Test Hydrograph



Hydrograph

Drilled Well
MECP Well Tag # A441388
Pumping Dates: May 11, 2026
Pumping Initiation Time: 8:17 am

WILLS

D.M. Wills Associates Limited
150 Jameson Drive
Peterborough, Ontario
Canada K9J 0B9

P. 705.742.2297
F. 705.748.9944
E. wills@dmwills.com

Created By:	JN	Scale:	N/A
Checked By:	LT	Date:	May-26
Project No.:	11230	Hydrograph No.:	1

Appendix D

Laboratory Certificate of Analysis - Groundwater

FINAL REPORT

CA17967-MAY26 R1

11230

Prepared for

D.M. Wills -Peterborough

FINAL REPORT

CA17967-MAY26 R1

First Page

CLIENT DETAILS

Client	D.M. Wills -Peterborough
Address	150 Jameson Drive Peterborough, ON K9J 0B9, Canada
Contact	Lynsey Tuters
Telephone	289-385-6230
Facsimile	705-741-3568
Email	ltuters@dmwills.com
Works #	
Project	11230
Reference	
Batch	
Samples	WATER (2)

LABORATORY DETAILS

Project Specialist	Brad Moore Hon. B.Sc
Laboratory	SGS Canada Inc.
Address	185 Concession St., Lakefield ON, K0L 2H0
Telephone	705-652-2143
Facsimile	705-652-6365
Email	brad.moore@sgs.com
SGS Reference	CA17967-MAY26
Received	2026-05-11
Approved	05/19/2026
Report Number	CA17967-MAY26 R1
Date Reported	05/19/2026

COMMENTS

MAC - Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
NR - Not reportable under applicable Provincial drinking water regulations as per client.

Temperature of Sample upon Receipt: 10.0 degrees C
Cooling Agent Present:Yes
Custody Seal Present:Yes

Chain of Custody Number:040987

SIGNATORIES

Brad Moore Hon. B.Sc

TABLE OF CONTENTS

FINAL REPORT

CA17967-MAY26 R1

Client: D.M. Wills -Peterborough
Project: 11230
Project Manager: Lynsey Tuters
Samplers: John Noble

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

Sample Number	7	8
Sample Name	1H	6H
Sample Matrix	Ground Water	Ground Water
Sample Date	2026-05-11 00:00	2026-05-11 00:00

Parameter	Units	RL	L1	L2	Result	Result
General Chemistry						
UV Transmittance	%T				90.2	90.7
Alkalinity	mg/L as CaCO3	2	500		402	401
Bicarbonate	mg/L as CaCO3	2			402	401
Carbonate	mg/L as CaCO3	2			< 2	< 2
OH	mg/L as CaCO3	2			< 2	< 2
Colour	TCU	3	5		< 3	< 3
Conductivity	uS/cm	2			1450	1440
Total Suspended Solids	mg/L	2			2	2
Turbidity	NTU	0.10	5	1	1.3	0.40
Organic Nitrogen	mg/L	0.05	0.15		0.07	0.06
Total Kjeldahl Nitrogen (N)	as N mg/L	0.05			0.15	0.13
Ammonia+Ammonium (N)	as N mg/L	0.04			0.08	0.07
Dissolved Organic Carbon	mg/L	1	5		2	3
Total Organic Carbon	mg/L	1			2	3

Client: D.M. Wills -Peterborough
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L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

Sample Number	7	8
Sample Name	1H	6H
Sample Matrix	Ground Water	Ground Water
Sample Date	2026-05-11 00:00	2026-05-11 00:00

Parameter	Units	RL	L1	L2	Result	Result
Metals and Inorganics						
Fluoride	mg/L	0.06		1.5	< 0.06	< 0.06
Bromide	mg/L	0.3			< 0.3	< 0.3
Nitrite (as N)	as N mg/L	0.03		1	< 0.03	< 0.03
Nitrate (as N)	as N mg/L	0.06		10	0.40	0.61
Sulphate	mg/L	2	500		17	18
Sulphide	mg/L	0.02			< 0.02	< 0.02
Hardness	mg/L as CaCO3	0.05	100		449	446
Aluminum (total)	mg/L	0.001	0.1		0.006	0.003
Arsenic (total)	mg/L	0.0002		0.01	< 0.0002	< 0.0002
Boron (total)	mg/L	0.002		5	0.020	0.020
Barium (total)	mg/L	0.00008		1	0.299	0.299
Beryllium (total)	mg/L	0.000007			< 0.000007	< 0.000007
Bismuth (total)	mg/L	0.00001			< 0.00001	< 0.00001
Cobalt (total)	mg/L	0.000004			0.00104	0.000888
Calcium (total)	mg/L	0.01			160	159
Cadmium (total)	mg/L	0.000003		0.005	0.000009	0.000007
Copper (total)	mg/L	0.001	1		0.002	0.001
Chromium (total)	mg/L	0.00008		0.05	0.00008	0.00008
Iron (total)	mg/L	0.007	0.3		0.191	0.150
Potassium (total)	mg/L	0.009			1.98	1.93
Magnesium (total)	mg/L	0.001			12.0	11.6

Client: D.M. Wills -Peterborough
Project: 11230
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MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

Sample Number	7	8
Sample Name	1H	6H
Sample Matrix	Ground Water	Ground Water
Sample Date	2026-05-11 00:00	2026-05-11 00:00

Parameter	Units	RL	L1	L2	Result	Result
Metals and Inorganics (continued)						
Manganese (total)	mg/L	0.00001	0.05		0.966	0.860
Molybdenum (total)	mg/L	0.0004			< 0.0004	< 0.0004
Nickel (total)	mg/L	0.0001			0.0024	0.0021
Sodium (total)	mg/L	0.01	200	20	122	123
Phosphorus (total)	mg/L	0.003			< 0.003	< 0.003
Lead (total)	mg/L	0.00009		0.01	< 0.00009	< 0.00009
Silicon (total)	mg/L	0.02			6.39	6.21
Silver (total)	mg/L	0.00005			< 0.00005	< 0.00005
Strontium (total)	mg/L	0.00008			0.322	0.327
Thallium (total)	mg/L	0.000005			0.000023	0.000022
Tin (total)	mg/L	0.00006			< 0.00006	< 0.00006
Titanium (total)	mg/L	0.0001			0.0002	0.0002
Antimony (total)	mg/L	0.0005		0.006	< 0.0005	< 0.0005
Selenium (total)	mg/L	0.00004		0.05	< 0.00004	< 0.00004
Uranium (total)	mg/L	0.000002		0.02	0.000548	0.000558
Vanadium (total)	mg/L	0.00001			0.00023	0.00020
Zinc (total)	mg/L	0.002	5		0.004	0.003
Cation sum	meq/L	-9999			14.42	14.41
Anion Sum	meq/L	-9999			15.27	15.28
Anion-Cation Balance	% difference	-9999			-2.84	-2.93
Ion Ratio	none	-9999			0.94	0.94

Client: D.M. Wills -Peterborough
Project: 11230
Project Manager: Lynsey Tuters
Samplers: John Noble

MATRIX: WATER

L1 = ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03

L2 = ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03

Sample Number	7	8
Sample Name	1H	6H
Sample Matrix	Ground Water	Ground Water
Sample Date	2026-05-11 00:00	2026-05-11 00:00

Parameter	Units	RL	L1	L2	Result	Result
Metals and Inorganics (continued)						
Total Dissolved Solids (calculated)	mg/L	-9999			798	800
Conductivity (calculated)	uS/cm	-9999			1484	1485
Langeliers Index 4° C	@ 4° C	-9999			0.29	0.35
Saturation pH 4°C	pHs @ 4°C	-9999			7.19	7.19
Microbiology						
Total Coliform	MPN/100mL	0		0	0	34
Ecoli	mpn/100mL	0		0	0	0
Heterotrophic Plate Count (HPC)	cfu/1mL	0			112	40
Other (ORP)						
pH	No unit	0.05	8.5		7.48	7.54
Chloride	mg/L	1	250		240	240
Mercury (total)	mg/L	0.00001			< 0.00001	< 0.00001
Phenols						
4AAP-Phenolics	mg/L	0.001			0.001	0.002

EXCEEDANCE SUMMARY

Parameter	Method	Units	Result	ODWS_AO_OG / WATER / - - Table 4 - Drinking Water - Reg O.169_03 L1	ODWS_MAC / WATER / - - Table 1,2 and 3 - Drinking Water - Reg O.169_03 L2
1H					
Turbidity	SM 2130	NTU	1.3		1
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	449	100	
Manganese	SM 3030/EPA 200.8	mg/L	0.966	0.05	
Sodium	SM 3030/EPA 200.8	mg/L	122		20
6H					
Hardness	SM 3030/EPA 200.8	mg/L as CaCO3	446	100	
Manganese	SM 3030/EPA 200.8	mg/L	0.860	0.05	
Sodium	SM 3030/EPA 200.8	mg/L	123		20
Total Coliform	SM 9223B	MPN/100mL	34		0

QC SUMMARY

Alkalinity

Method: SM 2320 I Internal ref.: ME-CA-IENVIEWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Alkalinity	EWL0279-MAY26	mg/L as CaCO3	2	< 2	0	20	100	80	120	NA		

Ammonia by SFA

Method: SM 4500 I Internal ref.: ME-CA-IENVISFA-LAK-AN-007

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Ammonia+Ammonium (N)	SKA0134-MAY26	mg/L	0.04	<0.04	ND	10	98	90	110	97	75	125

QC SUMMARY

Anions by discrete analyzer

Method: US EPA 325.2 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-026

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Chloride	DIO5023-MAY26	mg/L	1	<1	3	20	105	70	130	102	70	130
Sulphate	DIO5023-MAY26	mg/L	2	<2	0	20	101	80	120	103	75	125

Anions by IC

Method: EPA300/MA300-Ions1.3 | Internal ref.: ME-CA-[ENV]IC-LAK-AN-001

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Bromide	DIO0388-MAY26	mg/L	0.3	<0.3	ND	20	95	90	110	85	75	125
Nitrite (as N)	DIO0388-MAY26	mg/L	0.03	<0.03	ND	20	100	80	120	89	70	130
Nitrate (as N)	DIO0388-MAY26	mg/L	0.06	<0.06	0	20	100	80	120	75	70	130

QC SUMMARY

Carbon by SFA

Method: SM 5310 | Internal ref.: ME-CA-[ENV]SFA-LAK-AN-009

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Organic Carbon	SKA0110-MAY26	mg/L	1	<1	0	20	102	90	110	96	75	125
Dissolved Organic Carbon	SKA0115-MAY26	mg/L	1	<1	4	20	97	90	110	97	75	125

Carbonate/Bicarbonate

Method: SM 2320 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Carbonate	EWL0279-MAY26	mg/L as CaCO3	2	< 2	ND	10	NA	90	110	NA		
Bicarbonate	EWL0279-MAY26	mg/L as CaCO3	2	< 2	0	10	NA	90	110	NA		
OH	EWL0279-MAY26	mg/L as CaCO3	2	< 2	ND	10	NA	90	110	NA		

QC SUMMARY

Colour

Method: SM 2120 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Colour	EWL0363-MAY26	TCU	3	< 3	ND	10	90	80	120	NA		

Conductivity

Method: SM 2510 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Conductivity	EWL0279-MAY26	uS/cm	2	< 2	0	10	99	90	110	NA		

Fluoride by Specific Ion Electrode

Method: SM 4500 I Internal ref.: ME-CA-[ENV]EWL-LAK-AN-014

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Fluoride	EWL0288-MAY26	mg/L	0.06	<0.06	ND	10	101	90	110	NV	75	125

QC SUMMARY

Mercury by CVAAS

Method: EPA 7471A/SM 3112B | Internal ref.: ME-CA-[ENVISPE-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Mercury (total)	EHG0026-MAY26	mg/L	0.00001	< 0.00001	ND	20	99	80	120	116	70	130

QC SUMMARY

Metals in aqueous samples - ICP-MS

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Silver (total)	EMS0123-MAY26	mg/L	0.00005	<0.00005	ND	20	104	90	110	NV	70	130
Aluminum (total)	EMS0123-MAY26	mg/L	0.001	<0.001	1	20	102	90	110	106	70	130
Arsenic (total)	EMS0123-MAY26	mg/L	0.0002	<0.0002	3	20	100	90	110	106	70	130
Barium (total)	EMS0123-MAY26	mg/L	0.00008	<0.00008	0	20	104	90	110	93	70	130
Beryllium (total)	EMS0123-MAY26	mg/L	0.000007	<0.000007	ND	20	96	90	110	96	70	130
Boron (total)	EMS0123-MAY26	mg/L	0.002	<0.002	1	20	99	90	110	98	70	130
Bismuth (total)	EMS0123-MAY26	mg/L	0.00001	<0.00001	ND	20	95	90	110	88	70	130
Calcium (total)	EMS0123-MAY26	mg/L	0.01	<0.01	0	20	101	90	110	100	70	130
Cadmium (total)	EMS0123-MAY26	mg/L	0.000003	<0.000003	ND	20	103	90	110	99	70	130
Cobalt (total)	EMS0123-MAY26	mg/L	0.000004	<0.000004	18	20	103	90	110	96	70	130
Chromium (total)	EMS0123-MAY26	mg/L	0.00008	<0.00008	ND	20	102	90	110	87	70	130
Copper (total)	EMS0123-MAY26	mg/L	0.001	<0.001	ND	20	104	90	110	98	70	130
Iron (total)	EMS0123-MAY26	mg/L	0.007	<0.007	ND	20	105	90	110	100	70	130
Potassium (total)	EMS0123-MAY26	mg/L	0.009	<0.009	1	20	101	90	110	86	70	130
Magnesium (total)	EMS0123-MAY26	mg/L	0.001	<0.001	0	20	102	90	110	101	70	130
Manganese (total)	EMS0123-MAY26	mg/L	0.00001	<0.00001	2	20	104	90	110	82	70	130
Molybdenum (total)	EMS0123-MAY26	mg/L	0.0004	<0.0004	1	20	101	90	110	92	70	130
Sodium (total)	EMS0123-MAY26	mg/L	0.01	<0.01	2	20	102	90	110	100	70	130
Nickel (total)	EMS0123-MAY26	mg/L	0.0001	<0.0001	ND	20	104	90	110	97	70	130
Lead (total)	EMS0123-MAY26	mg/L	0.00009	<0.00009	ND	20	103	90	110	98	70	130

QC SUMMARY

Metals in aqueous samples - ICP-MS (continued)

Method: SM 3030/EPA 200.8 | Internal ref.: ME-CA-IENVISPE-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Phosphorus (total)	EMS0123-MAY26	mg/L	0.003	<0.003	1	20	99	90	110	NV	70	130
Antimony (total)	EMS0123-MAY26	mg/L	0.0005	<0.0005	ND	20	102	90	110	110	70	130
Selenium (total)	EMS0123-MAY26	mg/L	0.00004	<0.00004	ND	20	100	90	110	102	70	130
Silicon (total)	EMS0123-MAY26	mg/L	0.02	<0.02	0	20	97	90	110	NV	70	130
Tin (total)	EMS0123-MAY26	mg/L	0.00006	<0.00006	ND	20	101	90	110	NV	70	130
Strontium (total)	EMS0123-MAY26	mg/L	0.00008	<0.00008	1	20	96	90	110	81	70	130
Titanium (total)	EMS0123-MAY26	mg/L	0.0001	<0.0001	11	20	104	90	110	NV	70	130
Thallium (total)	EMS0123-MAY26	mg/L	0.000005	<0.000005	ND	20	101	90	110	96	70	130
Uranium (total)	EMS0123-MAY26	mg/L	0.000002	<0.000002	ND	20	101	90	110	97	70	130
Vanadium (total)	EMS0123-MAY26	mg/L	0.00001	<0.00001	1	20	104	90	110	89	70	130
Zinc (total)	EMS0123-MAY26	mg/L	0.002	<0.002	ND	20	102	90	110	116	70	130

QC SUMMARY

Microbiology

Method: SM 9215A | Internal ref.: ME-CA-[ENV]MIC-LAK-AN-005

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High
Heterotrophic Plate Count (HPC)	BAC9172-MAY26	cfu/1mL	-	ACCEPTED	SEE NOTE							
Ecoli	BAC9172-MAY26	mpn/100mL	-	ACCEPTED	ACCEPTED							
Total Coliform	BAC9172-MAY26	MPN/100mL	-	ACCEPTED	ACCEPTED							

pH

Method: SM 4500 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High	Spike Recovery (%)	Recovery Limits (%) Low	Recovery Limits (%) High
pH	EWL0279-MAY26	No unit	0.05	NA	0		99			NA		

QC SUMMARY

Phenols by SFA

Method: SM 5530B-D | Internal ref.: ME-CA-IENVISFA-LAK-AN-006

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
4AAP-Phenolics	SKA0104-MAY26	mg/L	0.001	<0.001	ND	10	101	80	120	96	75	125

Sulphide by SFA

Method: SM 4500 | Internal ref.: ME-CA-IENVISFA-LAK-AN-008

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Sulphide	SKA0129-MAY26	mg/L	0.02	<0.02	ND	20	98	80	120	NA	75	125

Suspended Solids

Method: SM 2540D | Internal ref.: ME-CA-IENVIEWL-LAK-AN-004

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Suspended Solids	EWL0283-MAY26	mg/L	2	< 2	4	10	98	90	110	NA		

QC SUMMARY

Total Nitrogen

Method: SM 4500-N C/4500-NO3- F | Internal ref.: ME-CA-[ENV]SFA-LAK-AN-002

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Total Kjeldahl Nitrogen (N)	SKA0137-MAY26	mg/L	0.05	<0.05	3	10	100	90	110	98	75	125

Turbidity

Method: SM 2130 | Internal ref.: ME-CA-[ENV]EWL-LAK-AN-003

Parameter	QC batch Reference	Units	RL	Method Blank	Duplicate		LCS/Spike Blank			Matrix Spike / Ref.		
					RPD	AC (%)	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
								Low	High		Low	High
Turbidity	EWL0274-MAY26	NTU	0.10	< 0.10	0	10	99	90	110	NA		

QC SUMMARY

Method Blank: a blank matrix that is carried through the entire analytical procedure. Used to assess laboratory contamination.

Duplicate: Paired analysis of a separate portion of the same sample that is carried through the entire analytical procedure. Used to evaluate measurement precision.

LCS/Spike Blank: Laboratory control sample or spike blank refer to a blank matrix to which a known amount of analyte has been added. Used to evaluate analyte recovery and laboratory accuracy without sample matrix effects.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate laboratory accuracy with sample matrix effects.

Reference Material: a material or substance matrix matched to the samples that contains a known amount of the analyte of interest. A reference material may be used in place of a matrix spike.

RL: Reporting limit

RPD: Relative percent difference

AC: Acceptance criteria

Multielement Scan Qualifier: as the number of analytes in a scan increases, so does the chance of a limit exceedance by random chance as opposed to a real method problem. Thus, in multielement scans, for the LCS and matrix spike, up to 10% of the analytes may exceed the quoted limits by up to 10% absolute and the spike is considered acceptable.

Duplicate Qualifier: for duplicates as the measured result approaches the RL, the uncertainty associated with the value increases dramatically, thus duplicate acceptance limits apply only where the average of the two duplicates is greater than five times the RL.

Matrix Spike Qualifier: for matrix spikes, as the concentration of the native analyte increases, the uncertainty of the matrix spike recovery increases. Thus, the matrix spike acceptance limits apply only when the concentration of the matrix spike is greater than or equal to the concentration of the native analyte.

LEGEND

FOOTNOTES

NSS	Insufficient sample for analysis.
RL	Reporting Limit.
↑	Reporting limit raised.
↓	Reporting limit lowered.
NA	The sample was not analysed for this analyte
ND	Non Detect

Results relate only to the sample tested.

Data reported represent the sample as submitted to SGS.

Test method information available upon request.

"Temperature Upon Receipt" is representative of the whole shipment and may not reflect the temperature of individual samples.

SGS Canada Inc. statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

-- End of Analytical Report --

Request for Laboratory Services and CHAIN OF CUSTODY

SGS Industries & Environment - Lakefield: 185 Concession St., Lakefield, ON K0L 2H0 Phone: 705-652-2000 Fax: 705-652-6365 Web: www.sgs.com/environment
- London: 657 Consortium Court, London, ON, N6E 2S8 Phone: 519-672-4500 Toll Free: 877-848-8060 Fax: 519-672-0361

No: 040987 Page _____ of _____

Laboratory Information Section - Lab use only

Received By: MAY 1 1 2026
Received Date: __/__/__ (mm/dd/yy)
Received Time: 16 : 00 (hr : min)
Received By (signature): _____
Custody Seal Present: Yes ☐ No ☐
Custody Seal Intact: Yes ☐ No ☐
Cooling Agent Present: Yes ☐ No ☐ Type: _____
Temperature Upon Receipt (°C) 10.0 x 3
LAB LIMS #: MAY 17967

REPORT INFORMATION
Company: D.M. Wills
Contact: Lyndsey Tutters
Address: 150 Jameson Drive
Phone: 289-385-6230
Fax: _____
Email: ltutters@dmwills.com

INVOICE INFORMATION
☑ (same as Report Information)
Company: _____
Contact: _____
Address: _____
Phone: _____
Email: accounts@dmwills.com

Quotation #: _____ P.O. #: 11230
Project #: 11230 Site Location/ID: _____

TURNAROUND TIME (TAT) REQUIRED
☐ Client Regular TAT ☑ Regular TAT (5-7days)
TAT's are quoted in business days (exclude statutory holidays & weekends). Samples received after 6pm or on weekends: TAT begins next business day
RUSH TAT (Additional Charges May Apply): ☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 4 Days
PLEASE CONFIRM RUSH FEASIBILITY WITH SGS REPRESENTATIVE PRIOR TO SUBMISSION
Specify Due Date: _____
*NOTE: DRINKING (POTABLE) WATER SAMPLES FOR HUMAN CONSUMPTION MUST BE SUBMITTED WITH SGS DRINKING WATER CHAIN OF CUSTODY

REGULATIONS
☐ O.Reg 153/04 ☐ O.Reg 406/19
☐ Table 1 ☐ Res/Park Soil Texture: ☐ Coarse
☐ Table 2 ☐ Ind/Com ☐ Medium/Fine
☐ Table 3 ☐ Agri/Other
☐ Table _____ Appx. _____
Soil Volume ☐ <350m3 ☐ >350m3

Other Regulations:
☐ Reg 347/558 (3 Day min TAT)
☐ PWQO ☐ MMER
☐ CCME ☐ Other: _____
☐ MISA
☐ ODWS Not Reportable *See note

Sewer By-Law:
☐ Sanitary
☐ Storm
Municipality: _____

RECORD OF SITE CONDITION (RSC) ☐ YES ☐ NO

ANALYSIS REQUESTED

	SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	# OF BOTTLES	MATRIX	Field Filtered (Y/N)	M&I: Metals & Inorganics (incl CrVI, CN, Hg pH (EWS), EC, SAR–soil) (Cl, Na–water)	M&I: Full Metals Suite (ICP metals plus B (HWS-soil only) Hg, CrVI	M&I: ICP Metals only Sb,As,Ba,Be,B,Cd, Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,U,V,Zn	SVOC: PAHs only	SVOC: SVOCs all incl PAHs, ABNs, CPs	PCB: PCBs Total ☐ Aroclor ☐	PHC: F1-F4 + BTEX	PHC: F1-F4 only no BTEX	VOC: VOCs all incl BTEX	VOC: BTEX only	Pest: Pesticides Organochlorine or specify other	Other (please specify)	Other (please specify)	Other (please specify)	Other (please specify)	Other (please specify)	Sewer Use: Specify pkg:	Water Characterization Pkg ☑ General ☐ Extended	SPLP Specify tests	TCLP Specify tests	COMMENTS:
1	1H	26-05-11	09:17	14	GW	N																	✓	☐ Metals ☐ VOC ☐ 1,4-Dioxane ☐ OCP ☐ ABN	☐ M&I ☐ VOC ☐ PCB ☐ B(a)P ☐ ABN ☐ Ignit.	
2	6H	26-05-11	14:17	14	GW	N																	✓			
3																										
4																										
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

Observations/Comments/Special Instructions

Sampled By (NAME): John Noble Signature: _____ 26/05/11 (mm/dd/yy)
Relinquished by (NAME): John Noble Signature: _____ 26/05/11 (mm/dd/yy)

Pink Copy - Client
Yellow & White Copy - SGS

Revision #: 1.8
Date of Issue: 06 SEP 2024

Note: Submission of samples to SGS is acknowledgement that you have been provided direction on sample collection/handling and transportation of samples. {2} Submi the contract, or in an alternative format (e.g. shipping documents). {3} Results may be sent by email to an unlimited number of addresses for no additional co http://www.sgs.com/terms_and_conditions.htm. (Printed copies are available upon request.) Attention is dr for completion of work. Signatures may appear on this form or be retained on file in sued by the Company under its General Conditions of Service accessible at action issues defined therein.