



November 12, 2021

Town of St. Marys
Attention: Grant Brouwer
Director of Building and Development
408 James Street South,
St. Marys, ON N4X 1B6

Sewage System Maintenance Inspection Road 120, St. Marys Ontario

Introduction

GRIT Engineering Inc. (GRIT) was retained by C&C Stonetown Management to conduct a Phase I Sewage System Maintenance Inspection at 60 Road 120 in St. Marys, Ontario (the Site) as seen in Figure 1 in Appendix A. It is noted this inspection was completed with guidelines provide by the Ministry of Municipal Affairs and Housing. Phase I inspections involve a review of available material, including information collected in the identification phase and reports from previous inspections.

The purpose of a Phase I maintenance inspection is to:

- Obtain the most recent information on the system, the size of the building, and the number of fixtures and bedrooms it is servicing;
- Locate the sewage system's components;
- Identify any obvious or outward signs of malfunction or failure; and
- Identify systems that are at risk of malfunction or failure.

A Phase I maintenance inspection may be sufficient to establish compliance with Section 8.9 of the Ontario Building Code (OBC) or with the standards enforced under a discretionary program. A follow-up Phase II is required when the Phase I indicates a defect or failure of the system.

As per Michael Ebert, current owner, the septic bed is located at the front of the property.

Building and Sewage System Details

The Site is currently developed with a one-storey three-bedroom residential building with an existing septic system. There is no basement in the house, only a crawl space as was modular home construction. The building is 564 square metres in size with no attached garage. The front

yard of the property is manicured grass and generally uneven, and there were no signs of wetting conditions in this area at the time of site inspection. The home is currently occupied by two residents, and the volume of sewage generated is minimal. The current residents report no odour problems or backup of effluent.

Fixtures in the buildings include a toilet, shower/tub combo and a sink in the bathroom; a sink and dishwasher in the kitchen; and a clothes washing machine. Fixture unit values are outlined in the table below as per Table 7.6.3.2.A of the OBC.

Table 1 – Fixture Unit Values

Fixture Details	Fixture Units
1 toilet in bathroom	0.7
1 shower/tub in bathroom	1.4
1 sink in bathroom	1.4
1 sink in kitchen	-
1 dishwasher in kitchen	1.4
1 washing machine	1.4
TOTAL	6.3

Special devices used inside the buildings include a water softener that is currently not functioning, and there are no garbage grinders in the building.

The building is supplied by one private well located on the south side of the property. The well is drilled, and the ground water level was measured at 27.4 metres by Hopper Drilling Wells at the time of site inspection, November 5, 2021.

It is envisioned the septic system is located in the front yard of the property. It is suspected that the tank is buried below the frost line and outlets to the bed. Details about the septic tank including size, layout, and components were not available at the time of the inspection

GRIT contacted Grant Brouwer, Director of Building and Development, of the Town of St. Marys, to obtain records pertaining to the Site, and there were no records available. GRIT also sent a request to the Huron Perth Public Health unit for a copy of the Sewage System Use Permit/Building Permit Plan and no records were available as per Laura Robinson, Environmental Health Assistant, Huron Perth Public Health. The health unit further noted there is no history of effluent sampling test results at the Site.

Upon inspection, GRIT did not identify any obvious or outward signs of system malfunction or failure.



Soil and Groundwater Details

Based on the 'Surficial Geology of Southern Ontario' map prepared by the Ontario Geological Survey (OGS), the Site is predominantly situated on till comprising stone-poor sandy silt to silty sand-textured till on Paleozoic terrain. The southeast corner of the Site is situated on fine-textured glaciolacustrine deposits comprising silt and clay with minor sand and gravel, that is massive to well laminated. Figure 2 and 3 in Appendix A show surficial geology at the Site

Based on the 'Quaternary Geology of Ontario' map prepared by OGS, the Site lies in an area where the overburden is expected to comprise glaciolacustrine deposits of silt and clay, minor sand, with basin and quiet water deposits. Based on information from the 'Physiography of Southern Ontario' map prepared by OGS, the Site is situated within the St. Lawrence Lowlands, comprising Limestone plains.

Based on the Ontario Base Map prepared by Geography Network Canada, the Site is at an elevation of approximately 329 metres above sea level (masl).

Based on the Ontario Source Protection Information Atlas (OSPPIA) provided by the Ministry of the Environment, Conservation and Parks (MECP), the Site is located within the Upper Thames River Source Protection Area and lies within the Great Lakes – St. Lawrence River Watershed. The Site is situated within the Trout Creek ground subwatershed (low), and the Trout Creek surface subwatershed (low).

The Site lies within Wellhead Protection Area (WHPA) 'B' for Well 1 of the St. Marys Well Supply (220000521). The east side of the Site is located within Vulnerable Scoring Area 6 for Groundwater, and the west side of the Site is located within Vulnerable Scoring Area 8. The south side of the Site lies within a WHPA for Groundwater Under Direct Influence (WHPA-E). The south side of the Site lies within a Vulnerable Scoring Area 4.1-7.9 for Groundwater Under Direct Influence.

Based on the Well Records Map provided by the Ministry of the Environment (MOE), groundwater elevation is expected to be approximately 38-45 metres below ground surface (mbgs). Four wells were identified to the north, east, south and west of the Site. Well locations can be seen on Figure 4 in Appendix A. Well records can be found in Appendix B, and pertinent details are outlined in the table below.

Table 2 – Well Records Summary

Location (approx.)	Well I.D. No.	Date of Completion	Well Depth (m)	Well Elevation (masl)	Overburden and Bedrock Materials	Ground Water Elevation (mbgs)
100 m north of the Site	5003120	28/06/1984	42.7	326	Yellow clay, grey sand, blue clay, brown limestone	38.1
150 m east of the Site	A076699	09/10/2008	47.9	Not Available	Black topsoil, brown clay, grey clay, grey hardpan, brown limestone, grey limestone	42.4
200 m south of the Site	5003607	08/08/1989	44.8	332	Black topsoil, grey clay, grey limestone, brown limestone	44.8
125 m west of the Site	A025167	20/09/2005	6.0	Not Available	Brown topsoil, brown silt to silty sand, brown clayey silt, brown/grey silty clay	No Water

Conclusions

The findings of this Phase I Sewage System Maintenance Inspection indicate that there are no obvious or outward signs of system malfunction or failure.

Based on the results of this Phase I inspection, GRIT recommends that as Phase II Sewage System Maintenance Inspection is not required for the Site at this time.



If you have any questions regarding the agreement or any other matter, please do not hesitate to contact us.

Sincerely,

Samantha Kerekes

Samantha Kerekes

Environmental/Geotechnical Technician
samantha@gritengineering.ca

Montana Wilson, EMBA, M.Eng, P.Eng, PMP

Founder & CEO

montana@gritengineering.ca

A thick, vertical black bar is positioned on the left side of the page, extending from the top of the text area down to the bottom.

Appendix A

Site Maps



file:///C:/Users/amantharew/Desktop/development/phase one maps/3.dwg by samantha lewies 2021-10-27

GRIT
ENGINEERING INC.

169 HURON STREET
STRATFORD, ON
N5A 5S9
www.gritengineering.ca

Legend

———— SITE LIMITS

Project:
GE021-21
SELF STORAGE SITE

Figure Title:
SEWAGE SYSTEM MAINTENANCE INSPECTION
SITE PLAN

Figure No:



file:///C:/Users/ian/OneDrive/Desktop/phase one maps 3.dwg by samantha lewis 2021-10-27

GRIT
ENGINEERING INC.

169 HURON STREET
STRATFORD, ON
N5A 5S9
www.gritengineering.ca

Legend

———— SITE LIMITS

Project:
GE021-21
SELF STORAGE SITE

Figure Title:
SEWAGE SYSTEM MAINTENANCE INSPECTION
SURFICIAL GEOLOGY MAP 1

Figure No:



file:///C:/Users/amanth/OneDrive/Desktop/phaseone maps/3.dwg by samantha lewis 2021-10-27

GRIT
ENGINEERING_{INC.}

169 HURON STREET
 STRATFORD, ON
 N5A 5S9
 www.gritengineering.ca

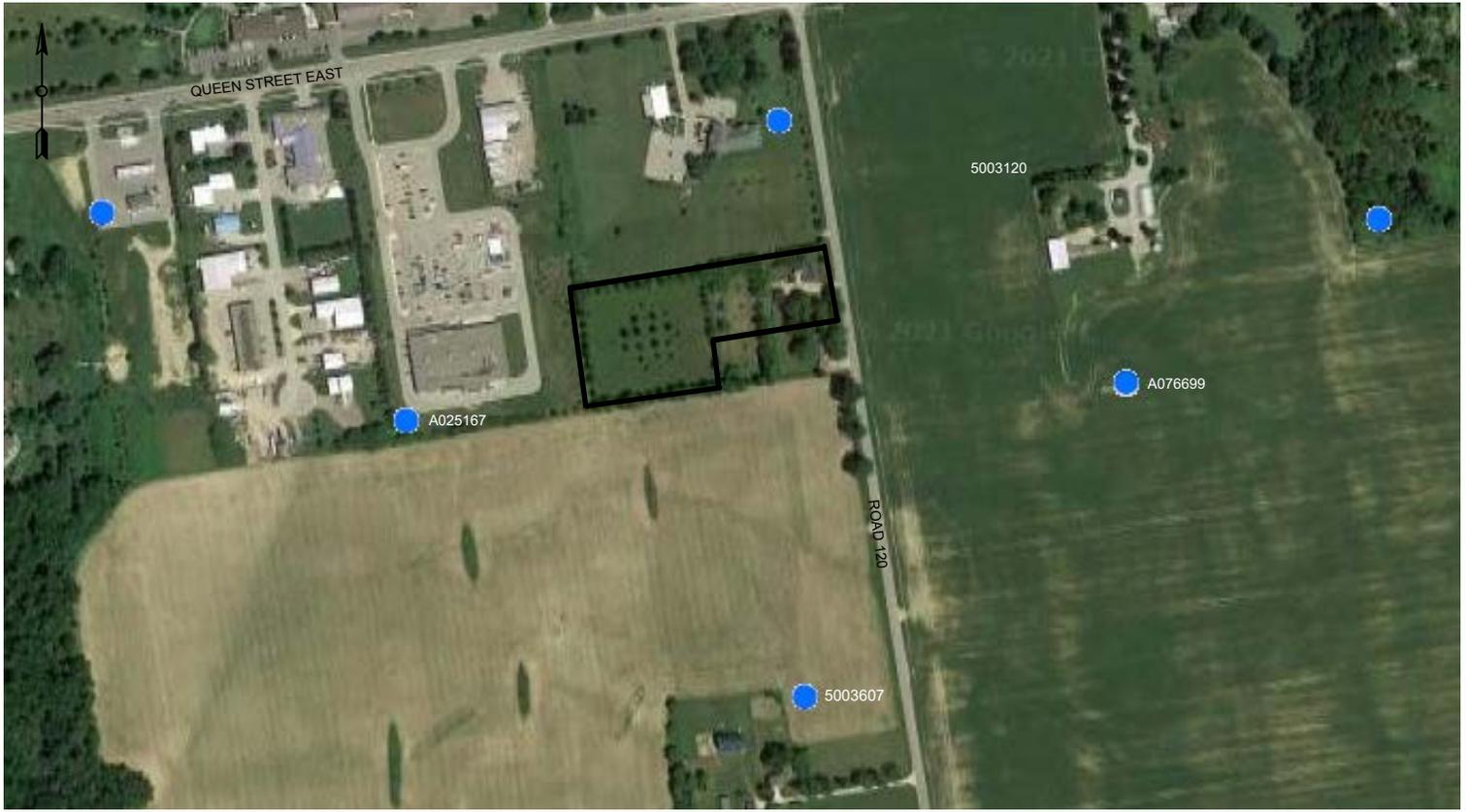
Legend

————— SITE LIMITS

Project:
 GE021-21
 SELF STORAGE SITE

Figure Title:
 SEWAGE SYSTEM MAINTENANCE INSPECTION
 SURFICIAL GEOLOGY MAP 2

Figure No:



file:///C:/Users/ianm/OneDrive/Desktop/phase one maps 3.dwg by: samantha lewney 2021-10-27

GRIT
ENGINEERING INC.

169 HURON STREET
STRATFORD, ON
N5A 5S9
www.gritengineering.ca

Legend



SITE LIMITS



WELL LOCATIONS

Project:

GE021-21
SELF STORAGE SITE

Figure Title:

SEWAGE SYSTEM MAINTENANCE INSPECTION
WELL LOCATIONS

Figure No:

A thick, solid black vertical bar runs down the left side of the page, starting below the logo and extending almost to the bottom.

Appendix B

Well Records



Ministry of the Environment
Ontario

16

The Ontario Water Resources Act

WATER WELL RECORD

407/6a

5003120

MUNICIPALITY 50601

COM. BLOCK, TRACT, SURVEY ETC. LOT 25-27

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

COUNTY OR DISTRICT: [redacted] TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE: **Thorndale** CON. BLOCK, TRACT, SURVEY ETC.: **19** LOT: **25-27**

DATE COMPLETED: DAY **28** MO **06** YR **84**

Address: **2 St. Marys Ont.**

RC: **17** ELEVATION: **490.880** RC: **4** BASIN CODE: **23**

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
yellow	clay	stones		0	23
grey blue	sand clay	stones		23	25
				25	50
brown	limestone			50	140

OCT 17 1985

31: 002350512, 0025228, 005030512, 0140615

45 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
125	FRESH 3 <input type="checkbox"/> SULPHUR 14 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
0139	1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 19 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	20-23 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 24 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	25-28 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 29 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL
	30-33 1 <input type="checkbox"/> FRESH 3 <input type="checkbox"/> SULPHUR 34 2 <input type="checkbox"/> SALTY 4 <input type="checkbox"/> MINERAL

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
05	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE	188	0	0052
05	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE		52	0140
	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE			27-30

SCREEN

SIZE (S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	FEET
MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN
		FEET

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET	MATERIAL AND TYPE	(CEMENT GROUT LEAD PACKER, ETC.)
FROM TO		
10-13	14-17	
18-21	22-25	
26-29	30-33	80

71 PUMPING TEST

PUMPING TEST METHOD: 1 PUMP 2 BAILER

PUMPING RATE: **0012** GPM

DURATION OF PUMPING: 01 HOURS 00 MINS

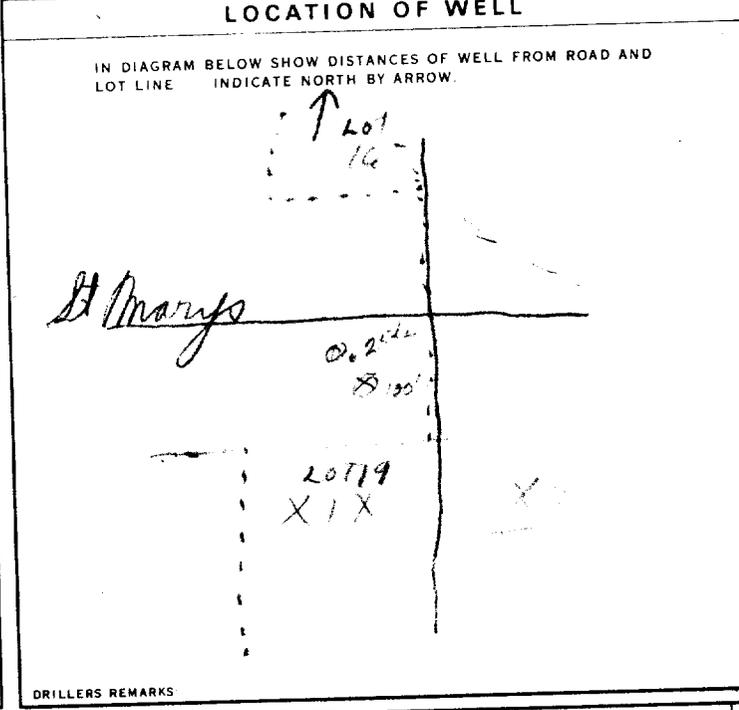
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING
090	100	15 MINUTES: 100, 30 MINUTES: 100, 45 MINUTES: 100, 60 MINUTES: 100

IF FLOWING GIVE RATE: GPM

RECOMMENDED PUMP TYPE: SHALLOW DEEP

RECOMMENDED PUMP SETTING: **110** FEET

RECOMMENDED PUMPING RATE: **0008** GPM



84 FINAL STATUS OF WELL

1 WATER SUPPLY 5 ABANDONED, INSUFFICIENT SUPPLY
2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY
3 TEST HOLE 7 UNFINISHED
4 RECHARGE WELL

55-56 WATER USE

1 DOMESTIC 5 COMMERCIAL
2 STOCK 6 MUNICIPAL
3 IRRIGATION 7 PUBLIC SUPPLY
4 INDUSTRIAL 8 COOLING OR AIR CONDITIONING
9 OTHER 9 NOT USED

57 METHOD OF DRILLING

1 CABLE TOOL 6 BORING
2 ROTARY (CONVENTIONAL) 7 DIAMOND
3 ROTARY (REVERSE) 8 JETTING
4 ROTARY (AIR) 9 DRIVING
5 AIR PERCUSSION

CONTRACTOR

NAME OF WELL CONTRACTOR: **Mervin Jones** LICENCE NUMBER: **3009**

ADDRESS: **R. A. 3 Thorndale Ont.**

NAME OF DRILLER OR BORER: **Mervin Jones** LICENCE NUMBER:

SIGNATURE OF CONTRACTOR: *Mervin Jones* SUBMISSION DATE: **29** NO. **6** YR **84**

OFFICE USE ONLY

DATA SOURCE: **1** CONTRACTOR: **3009** DATE RECEIVED: **24 08 84**

DATE OF INSPECTION: **5/11/85** INSPECTOR: *Patterson*

REMARKS: *Patterson*

CSS.S8

Measurements recorded in: Metric Imperial

Address of Well Location (Street Number/Name) 4247 Perth Line 9, RR # 2		Township Blanshard/South Perth	Lot 18	Concession 20
County/District/Municipality Perth		City/Town/Village St. Mary's	Province Ontario	Postal Code N4X1C5
UTM Coordinates NAD 83	Zone 17	Easting 491175	Northing 4789690	Municipal Plan and Sublot Number Other

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	To
Black	Top Soil		Loamy	0	2
Brown	Clay	Gravel		2	16
Grey	Clay			16	32
Grey	Hardpan			32	59
Brown	Limestone		Soft	59	82
Grey	Limestone		Hard	82	157

Annular Space			
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)	
From: 0 To: 24	Benseal Slurry	400 lbs	
From: 24 To: 82	Quick gel/Benseal Slurry		

Method of Construction		Well Use		
<input type="checkbox"/> Cable Tool	<input type="checkbox"/> Diamond	<input type="checkbox"/> Public	<input type="checkbox"/> Commercial	<input type="checkbox"/> Not used
<input checked="" type="checkbox"/> Rotary (Conventional)	<input type="checkbox"/> Jetting	<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Municipal	<input type="checkbox"/> Dewatering
<input checked="" type="checkbox"/> Rotary (Reverse)	<input type="checkbox"/> Driving	<input type="checkbox"/> Livestock	<input type="checkbox"/> Test Hole	<input type="checkbox"/> Monitoring
<input type="checkbox"/> Boring	<input type="checkbox"/> Digging	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Cooling & Air Conditioning	
<input type="checkbox"/> Air percussion		<input type="checkbox"/> Industrial		
<input type="checkbox"/> Other, specify		<input type="checkbox"/> Other, specify		

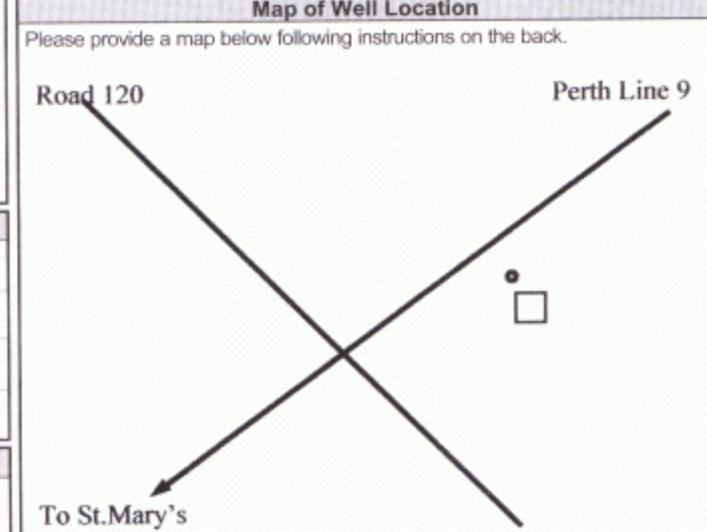
Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		<input checked="" type="checkbox"/> Water Supply <input type="checkbox"/> Replacement Well <input type="checkbox"/> Test Hole <input type="checkbox"/> Recharge Well <input type="checkbox"/> Dewatering Well <input type="checkbox"/> Observation and/or Monitoring Hole <input type="checkbox"/> Alteration (Construction) <input type="checkbox"/> Abandoned, Insufficient Supply <input type="checkbox"/> Abandoned, Poor Water Quality <input type="checkbox"/> Abandoned, other, specify <input type="checkbox"/> Other, specify
			From	To	
6 3/8"	Steel	0.188 Wall	+2	82	
Open Hole			82	157	

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

Water Details		Hole Diameter		
Water found at Depth	Kind of Water: <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Untested	Depth (m/ft)	Diameter (cm/in)	
139 (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify		From: 0 To: 82	9	
Water found at Depth	Kind of Water: <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Untested	82	157	6
157 (m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify				
Water found at Depth	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested			
(m/ft) <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify				

Well Contractor and Well Technician Information			
Business Name of Well Contractor HAYDEN WATER WELLS CO., INC.		Well Contractor's Licence No. 7 0 9 0	
Business Address (Street Number/Name) 35339 Saintsbury Line RR # 1		Municipality Lucan	
Province Ontario	Postal Code N0M2J0	Business E-mail Address haydenwaterwells@on.aibn.com	
Bus. Telephone No. (inc. area code) 5 1 9 2 2 7 0 0 5 7		Name of Well Technician (Last Name, First Name) Hayden, Jay	
Well Technician's Licence No. 1 0 3 4	Signature of Technician and/or Contractor 		Date Submitted Y Y Y Y M M D D

Results of Well Yield Testing				
After test of well yield, water was: <input checked="" type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason: CLEAR	Static Level	91		106
	1	91.7	1	105.2
	2	92.5	2	104.4
	3	93.4	3	103.2
	4	94.1	4	101.9
	5	95.3	5	100.2
Pump intake set at (m/ft) 120				
Pumping rate (l/min / GPM) 25				
Duration of pumping 1 hrs + 30 min				
Final water level end of pumping (m/ft) 106	10	97	10	98.4
If flowing give rate (l/min / GPM) NOT FLOWING	15	98.5	15	96.2
	20	91.2	20	94.5
	25	93.9	25	93.2
	30	95.9	30	92.4
	40	98.1	40	91.11
	50	102.7	50	91.3
Recommended pump depth (m/ft) 120	60	106	60	91
Recommended pump rate (l/min / GPM) 7				
Well production (l/min / GPM) 25				
Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				



Comments:
Well is 110 feet off the road

Well owner's information package delivered <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Date Package Delivered 20081009	Ministry Use Only Audit No. Z 86203 Received JAN 15 2009
	Date Work Completed 20081009	

50

WATER WELL RECORD

Boyd

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK CORRECT BOX WHERE APPLICABLE

11

5003607

MUNICIP

50001

CON.

CON

119

COUNTY OR DISTRICT DEBHU	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE BIANSHARD	CON. BLOCK, TRACT, SURVEY, ETC. CON. 19	LOT 19
DATE COMPLETED DAY 08 MO 08 YR 89			
ADDRESS Glendon Road, Stratford, Ontario			
GRID 789213	RC 1090	ELEVATION 1090	BASIN CODE

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Black	Topsoil			0	1
Grey	Clay	Sand and Stones		1	65
Grey	Limestone			65	132
Brown	Limestone			132	147

31	32
----	----

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER		
10-13 147	1 <input checked="" type="checkbox"/> FRESH 2 <input checked="" type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	14
15-18	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	19
20-23	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	24
25-28	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	29
30-33	1 <input type="checkbox"/> FRESH 2 <input type="checkbox"/> SALTY	3 <input type="checkbox"/> SULPHUR 4 <input type="checkbox"/> MINERALS 6 <input type="checkbox"/> GAS	34

51 CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 5	1 <input checked="" type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC	188	0	67
17-18 5	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input checked="" type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC		67	147
24-25	1 <input type="checkbox"/> STEEL 2 <input type="checkbox"/> GALVANIZED 3 <input type="checkbox"/> CONCRETE 4 <input type="checkbox"/> OPEN HOLE 5 <input type="checkbox"/> PLASTIC			27-30

SCREEN

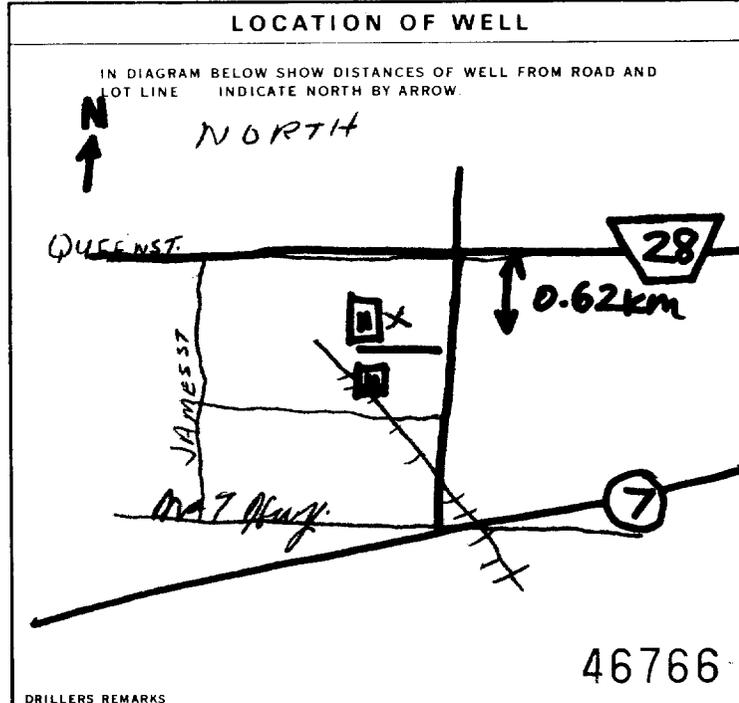
SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
MATERIAL AND TYPE		INCHES		FEET	
		DEPTH TO TOP OF SCREEN		41-44	50

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE	CEMENT GROUT LEAD PACKER, ETC.
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33		

71 PUMPING TEST

PUMPING TEST METHOD 1 <input type="checkbox"/> PUMP 2 <input checked="" type="checkbox"/> BAILER	PUMPING RATE 10 GPM	DURATION OF PUMPING 15-16 HOURS 17-18 MINS
STATIC LEVEL 105 FEET	WATER LEVEL END OF PUMPING 130 FEET	WATER LEVELS DURING 1 <input checked="" type="checkbox"/> PUMPING 2 <input type="checkbox"/> RECOVERY
IF FLOWING, GIVE RATE	PUMP INTAKE SET AT GPM	WATER AT END OF TEST 1 <input checked="" type="checkbox"/> CLEAR 2 <input type="checkbox"/> CLOUDY
RECOMMENDED PUMP TYPE <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/> DEEP	RECOMMENDED PUMP SETTING 135 FEET	RECOMMENDED PUMPING RATE 10 GPM



FINAL STATUS OF WELL

1 <input checked="" type="checkbox"/> WATER SUPPLY	5 <input type="checkbox"/> ABANDONED, INSUFFICIENT SUPPLY
2 <input type="checkbox"/> OBSERVATION WELL	6 <input type="checkbox"/> ABANDONED, POOR QUALITY
3 <input type="checkbox"/> TEST HOLE	7 <input type="checkbox"/> UNFINISHED
4 <input type="checkbox"/> RECHARGE WELL	<input type="checkbox"/> DEWATERING

WATER USE

1 <input checked="" type="checkbox"/> DOMESTIC	5 <input type="checkbox"/> COMMERCIAL
2 <input checked="" type="checkbox"/> STOCK	6 <input type="checkbox"/> MUNICIPAL
3 <input type="checkbox"/> IRRIGATION	7 <input type="checkbox"/> PUBLIC SUPPLY
4 <input type="checkbox"/> INDUSTRIAL	8 <input type="checkbox"/> COOLING OR AIR CONDITIONING
<input type="checkbox"/> OTHER	9 <input type="checkbox"/> NOT USED

METHOD OF CONSTRUCTION

1 <input type="checkbox"/> CABLE TOOL	6 <input type="checkbox"/> BORING
2 <input checked="" type="checkbox"/> ROTARY (CONVENTIONAL)	7 <input type="checkbox"/> DIAMOND
3 <input type="checkbox"/> ROTARY (REVERSE)	8 <input type="checkbox"/> JETTING
4 <input type="checkbox"/> ROTARY (AIR)	9 <input type="checkbox"/> DRIVING
5 <input type="checkbox"/> AIR PERCUSSION	<input type="checkbox"/> DIGGING <input type="checkbox"/> OTHER

CONTRACTOR

NAME OF WELL CONTRACTOR MERVIN JONES DRILLING LTD.	WELL CONTRACTOR'S LICENCE NUMBER 3009
ADDRESS R. R. #3 Thorndale, Ontario	NOM 2P0
NAME OF WELL TECHNICIAN MURRAY S. JONES	WELL TECHNICIAN'S LICENCE NUMBER T-0068
SIGNATURE OF TECHNICIAN/CONTRACTOR <i>Mervin Jones</i>	SUBMISSION DATE DAY 08 MO 08 YR 89

OFFICE USE ONLY

DATA SOURCE	CONTRACTOR 3009	DATE RECEIVED AUG 14 1989
DATE OF INSPECTION	INSPECTOR <i>DC</i>	
REMARKS		

CSS.88

Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference. All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10th of a metre. Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

Well Owner's Information and Location of Well Information form with handwritten details: LOBLAW PROPERTIES LTD., 3563 LAKESHORE BLVD W, TORONTO, ONTARIO M8W 1P4.

Log of Overburden and Bedrock Materials (see instructions)

Table with columns: General Colour, Most common material, Other Materials, General Description, Depth From, Metres To. Includes handwritten entries for topsoil, silt, and clay.

"cluster of 2 wells"

Construction Record and Test of Well Yield forms. Construction Record includes casing and screen details. Test of Well Yield includes pumping test method, draw down, and recovery data.

Plugging and Sealing Record form with handwritten entries: Depth set at 0 to 6.22m, Material: Bentonite well seal, Volume Placed: 30kg.

Location of Well form with a hand-drawn diagram showing well location relative to Queen St and a building.

Method of Construction, Water Use, and Final Status of Well forms. Method of Construction: Boring. Water Use: Not used. Final Status: Test Hole.

Well Contractor/Technician Information form with handwritten details: Contractor: Soil Test Hdl., Technician: Ross Dwyer.

Ministry Use Only form with handwritten details: Data Source, Date Received (OCT 07 2005), Contractor: 7190.