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Consulting Engineers

March 11, 2019 File: PE4564-LET.01 154 Colonnade Road South Ottawa, Ontario Canada, K2E 7J5 Tel: (613) 226-7381 Fax: (613) 226-6344

CLV Group

200-485 Bank Street Ottawa, Ontario K2P 1Z2 Geotechnical Engineering Environmental Engineering Hydrogeology Geological Engineering Materials Testing Building Science Archaeological Studies

Attention: Mr. Mike Kelly

Subject: Phase I - Environmental Site Assessment Update

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Vacant Lot - 530 Tremblay Road

Ottawa, Ontario

Dear Sir,

Further to your request, Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) Update for the aforementioned property. This report updates a previous Phase I ESA report completed by Paterson, dated August 17, 2016, and is intended to meet the requirements of a Phase I ESA, as per the MECP Standard O.Reg. 153/04 amending O.Reg. 153/04 made under the Environmental Protection Act. This report is to be read in conjunction with the previous report.

Site Information

The subject site, addressed 530 Tremblay Road, is located approximately 207 m south of Tremblay Road, immediately south of Avenue S, T and U, in the City of Ottawa, Ontario. The site is zoned for Transited Oriented Development and currently exists as a vacant, treed lot. The subject site has never been developed. It should be noted that this site was previously part of a larger parcel of land, the majority of which was situated to the adjacent east, with the same municipal address. The subject site is shown on Drawing PE4564-1 – Site Plan.

Records Review

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties outside the 250 m radius are not considered to have the potential to impact the subject site, based on their separation distance.

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First Developed Use Determination

According to the city directories, aerial photographs and discussions with individuals involved with the subject property, it is our interpretation that the subject property has never been developed

Previous Engineering Reports

□ 'Phase I Environmental Site Assessment, 530 Tremblay Road, Ottawa, Ontario', prepared by Paterson Group, dated August 17, 2016.

No potentially contaminating activities were identified on the subject property. Several potentially contaminating activities (PCAs) were identified on the adjacent lands, although none of them were considered to have had the potential to impact the subject site.

A geotechnical Investigation (PG3836-LET.01) was conducted by Paterson in July 2016. Several test pits were advanced to depths ranging from 1 to 1.9 m below grade. The soil profile generally consisted of topsoil and/or fill material over weathered shale. Glacial till was identified in TP5 and TP6 on the eastern portion of the site only. The fill material extended to depths ranging from 0.12 to 1.6 m below grade. It should be noted that weathered shale bedrock was encountered at depths ranging from 0.12 to 1.9 m below grade. The fill generally consisted of a combination of silt, sand and/or clay with some gravel and traces of organics or topsoil.

Four (4) samples of fill were submitted for metal or PHC (F2-F4) parameters analyses . Based on the analytical test results, the fill material was in compliance with the selected MECP Table 7 Standards as well as MECP Table 1 Background Standards. The fill material is considered to be reworked native material from the development of adjacent streets and residential dwellings and is not considered to pose a concern to the Phase I Property.

Plan of Survey

A plan of survey prepared by Fairhall Moffett & Woodland Ltd. and dated September 10, 2013, was reviewed as part of this assessment. The survey plan shows the subject site in its previous configuration as part of the larger parcel of land to the east

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on March 6, 2019. The subject site was not listed in the NPRI database. No new records of pollutant release were listed in the database for properties located within the Phase I Study Area.

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Ministry of the Environment, Conservation and Parks (MECP) Instruments

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. At the time of issuing this report, a response had not been received from the MECP. It is expected that very little will have changed since the original MECP Response dated in March 2017. No concerns were noted with the 2017 response. A copy of the response will be forwarded to the client if it contains any pertinent information.

MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the property. At the time of issuing this report, a response had not been received from the MECP. It is expected that very little will have changed since the original MECP Response dated in March 2017. No concerns were noted with the 2017 response. A copy of the response will be forwarded to the client if it contains any pertinent information.

MECP Incident Reports

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. At the time of issuing this report, a response had not been received from the MECP. It is expected that very little will have changed since the original MECP Response dated in March 2017. No concerns were noted with the 2017 response. A copy of the response will be forwarded to the client if it contains any pertinent information.

MECP Waste Management Records

A request was submitted to the MECP FOI office for information with respect to waste management records. At the time of issuing this report, a response had not been received from the MECP. It is expected that very little will have changed since the original MECP Response dated in March 2017. No concerns were noted with the 2017 response. A copy of the response will be forwarded to the client if it contains any pertinent information.

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MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I study area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry (ESR) was conducted as part of this assessment for the site, neighbouring properties and the general area of the site. One Record of Site Condition (RSC) was filed for the Phase I Property, addressed 530 Tremblay Road. Based on the ESR, 3075 m³ of impacted soil and/or sediments were removed from the central portion of that property. No additional soil or groundwater remediation was required. Based on the information provided in the ESR, this RSC property is not considered an APEC on the Phase I Property.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250 m of the Phase I Study Area.

Water Bodies and Areas of Natural Significance

The Rideau River is located approximately 1.7 km west of the subject property. There are no areas of natural significance within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically on March 6, 2019, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were listed in the TSSA registry for the subject site or the adjacent properties.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. There are no closed landfill sites within the vicinity of the Phase I study area.

City of Ottawa Historical Land Use Inventory (HLUI)

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A requisition form was sent to the City of Ottawa's Historical Land Use Inventory (HLUI) as part of the original Phase I-ESA for the subject property. The City's HLUI database was last updated in 2005; therefore, an additional HLUI request not submitted as part of this Phase I ESA I Update.

Aerial Photographs

The latest aerial photograph within the original Phase I ESA report was from 2014. A review of the 2017 aerial photograph shows the site as a vacant lot with no buildings or structures. No significant changes were noted on the subject site from 2014 to 2017. No significant changes were noted on the surrounding lands, with the exception of a large transit/LRT station, south of the railway corridor.

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. Regionally, the topographic maps indicate a slope down to the north and west. The nearest water body is the Rideau River, situated approximately 1.7 km west of the Phase I Property. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The subject site is located in the Central St. Lawrence Lowland, which is generally less than 150 m above sea level.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site is reported to consist of shale of the Carlsbad formation. Overburden soils are shown as peat, muck and marl, with a drift thickness on the order of 3 to 5 m. As discussed in Section 6.3, the soil profile identified during a Geotechnical Investigation identified topsoil and/or fill material (reworked native) over shale bedrock or Glacial Till followed by shale bedrock.

Water Well Records

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A search of the MECP 's web site for all drilled well records within 250 m of the subject site was conducted on March 6, 2019. The search returned eight (8) water well records, seven (7) of which appear to be monitoring wells, located on the adjacent property to the east, and properties further south, across Belfast Road. Based on the distances and/or orientations of the monitoring wells from the Phase I Property, in combination with information in our files, the wells are not considered to represent potential concerns to the subject land.

One potable well further southwest of the site, along Belfast Road, was identified. This well, installed in 1952, is considered to have been decommissioned at the time of commercial/industrial redevelopment. Properties within the Phase I Study Area are currently serviced with municipal water and sewer.

Site Reconnaissance

Our site reconnaissance visit was conducted on March 7, 2019. Weather conditions were sunny, with a temperature of approximately -16° C. Ms. Mandy Witteman from the Environmental Department of Paterson Group conducted the site inspection. In addition to the site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site visit.

The site is undeveloped land covered with trees and low brush. The site was snow covered at the time of the site visit. The site appeared to be relatively flat and at grade with Avenue U. Site drainage consists of infiltration. The regional topography slopes gently down in a westerly direction.

No underground utilities were noted on-site. No drains or private sewage systems were observed at the subject property at the time of the site visit. No evidence of current or former railway or spur lines were observed on the subject property at the time of the site visit. No areas of stained snow or unidentified substances were observed on-site at this time.

The surrounding properties were also observed during the site visit and are shown on Drawing PE4564-2 - Surrounding Land Use Plan.

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Review and Evaluation of Information

Land Use History

The following table indicates the current and past uses of the site as well as associated potentially contaminating activities dating back to the first land patent in 1803.

TABLE 1. Land U	Ise History			
Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photos, FIPs, etc.
1803-1919	Private Individuals			No information available for this period of time.
1919-1970	The Canadian Pacific Railway Company			1945, 1958, 1968 aerials show the property is vacant, undeveloped land; the former railway easement to the south appears to abut the southwest corner of the Phase I Property.
1970-1975	Marathon Realty Company Limited	Undeveloped	Agriculture or Other Use	Phase I Property remains unchanged in 1975 aerial photograph.
1975-2009	The Queen in Right of Ontario			Phase I Property remains unchanged in 1982, 1995, 2002, 2008 aerials.
2009-2014	The Queen in Right of Canada			2014 aerial shows property as
2014-present	Canada Lands Company CLC Limited			it current exists.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

No new potentially contaminating activities (PCAs) were identified at the Phase I Property or within the Phase I Study Area. Therefore, no Areas of Potential Environmental Concern (APECs) were identified on the subject site.

Contaminants of Potential Concern

No Contaminants of Potential Concern (CPCs) were identified on the subject site.

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Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site is reported to consist of shale of the Carlsbad formation. Overburden soils are shown as peat, muck and marl, with a drift thickness on the order of 3 to 5 m. As discussed in Section 6.3, the soil profile identified during a previous Geotechnical Investigation identified topsoil and/or fill material (reworked native) over shale bedrock or Glacial Till followed by shale bedrock.

The regional topography slopes downwards towards the north-west/west. The inferred groundwater flows in a westerly direction.

Contaminants of Potential Concern

A previously mentioned, there are no Contaminants of Potential Concern (CPCs) on the subject site.

Existing Buildings and Structures

The subject site is vacant and has never been developed.

Water Bodies and Areas of Natural Significance

No water bodies exist within the Phase I Study Area. No areas of natural significance were identified on the site or in the Phase I Study Area.

Drinking Water Wells

Based on well records search on the MECP's website, one domestic water well was identified southwest of the subject property. This well was installed in 1952 and is considered to have been decommissioned at the time of commercial/industrial redevelopment. Properties within the Phase I Study Area are currently serviced with municipal water and sewer.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area is currently a mix of commercial office, residential, an LRT station and vacant land. No environmental concerns were identified with the use of neighbouring lands.

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Potentially Contaminating Activities and Areas of Potential Environmental Concerns

As previously discussed, no new PCAs were identified on the subject site or within the study area. Therefore, there are no new APECs regarding the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I- ESA is considered to be sufficient to conclude that there are no APECs on the subject site. A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

Conclusions

The results of the records review, research, and site inspection indicated that there are no new potential environmental concerns regarding the subject site since the original Phase I ESA report. Based on the results of this Phase I ESA Update, in our opinion, a Phase II Environmental Site Assessment is not required for the property.

Statement of Limitations

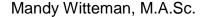
This Phase I - Environmental Site Assessment Update report has been prepared in general accordance with O.Reg. 153/04. The conclusions presented herein are based on information gathered from a historical review and field inspection program. The findings of the Phase I ESA Update are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

Should any conditions be encountered at the subject site and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment. This report was prepared for the sole use of CLV Group. Permission and notification from CLV Group. and this firm will be required to release this report to any other party.

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We trust that this submission satisfies your current requirements. Should you have any questions please contact the undersigned.

Paterson Group Inc.



Mark S. D'Arcy, P.Eng.



Report Distribution:

- ☐ CLV Group (1 copy)
- □ Paterson Group (1 copy)

Attachments:

- ☐ Figure 1 Key Plan
- ☐ Figure 2 Topographic Map
- ☐ Drawing PE4564-1 Site Plan
- ☐ Drawing PE4564-2 Surrounding Land Use Plan
- Proposed Development Plan
- Well Records

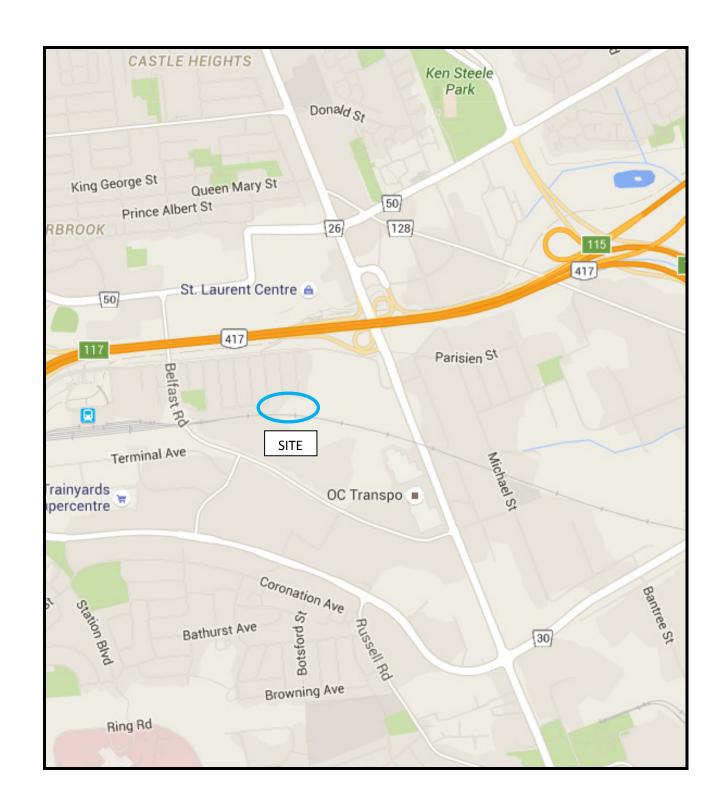


FIGURE 1
KEY PLAN

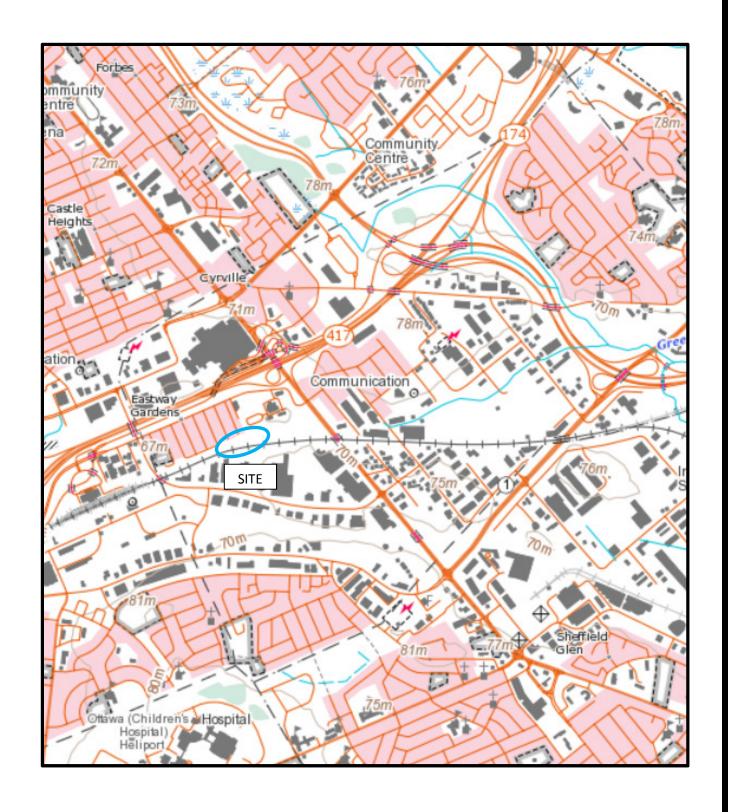
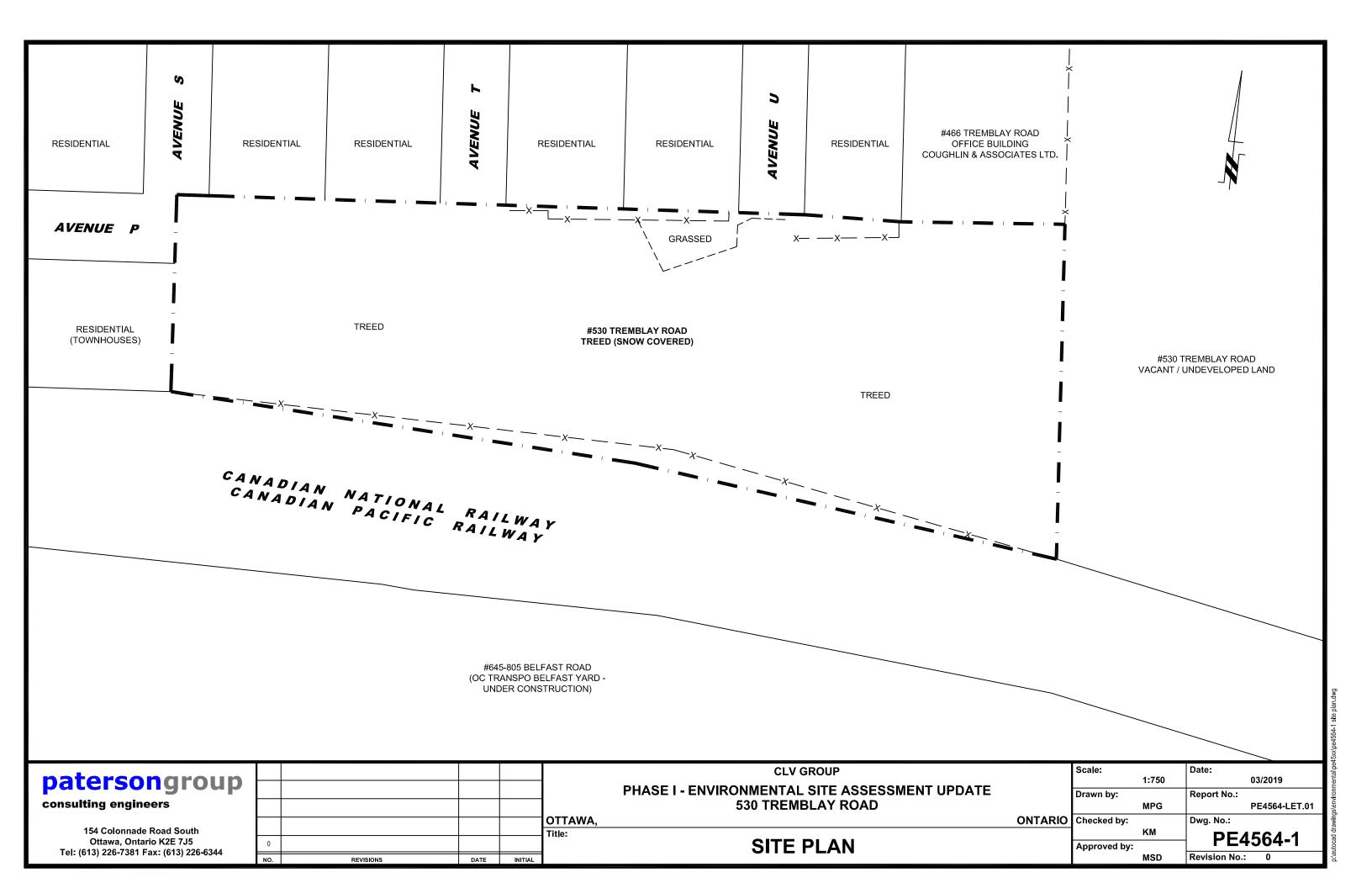
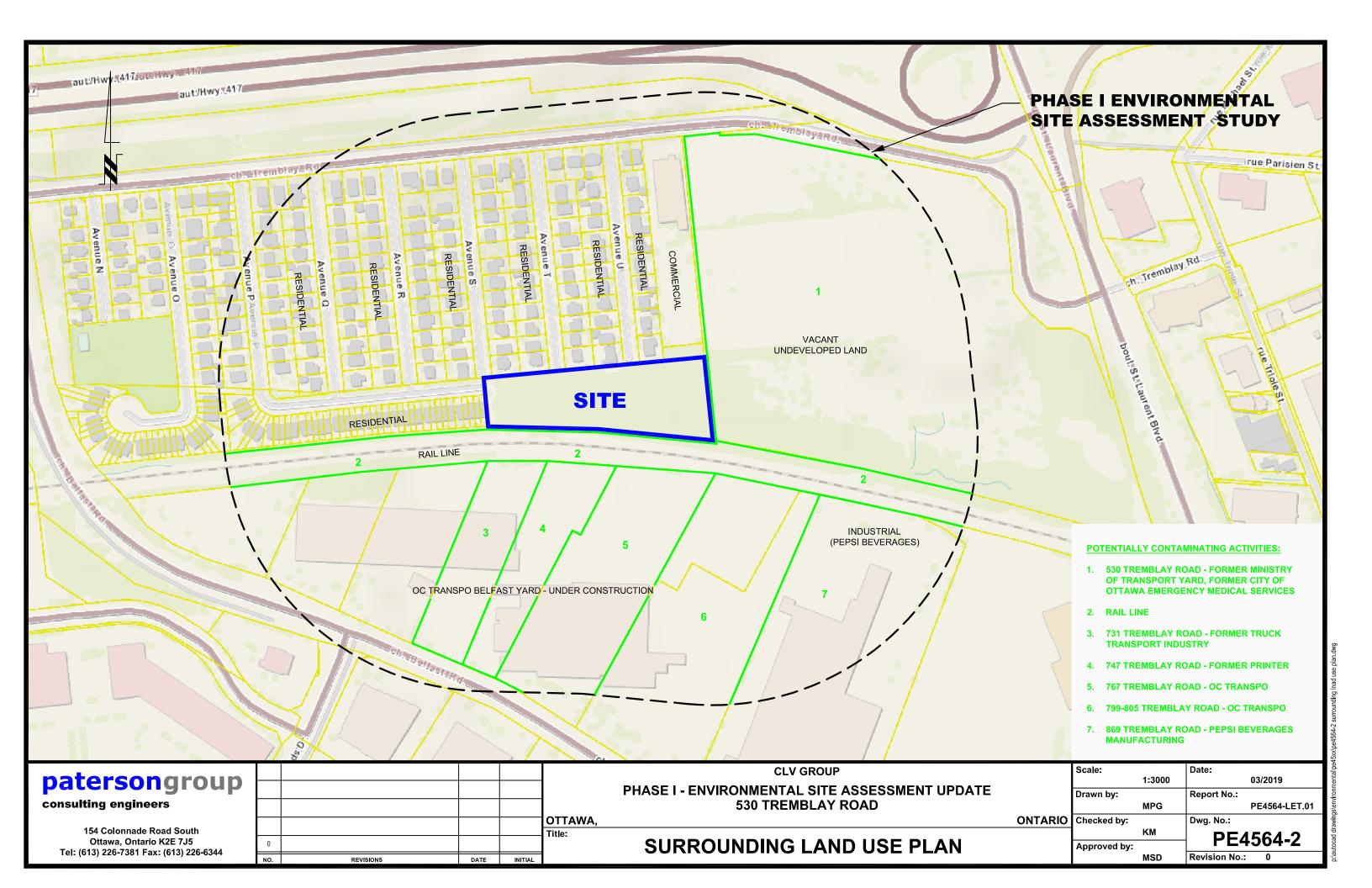
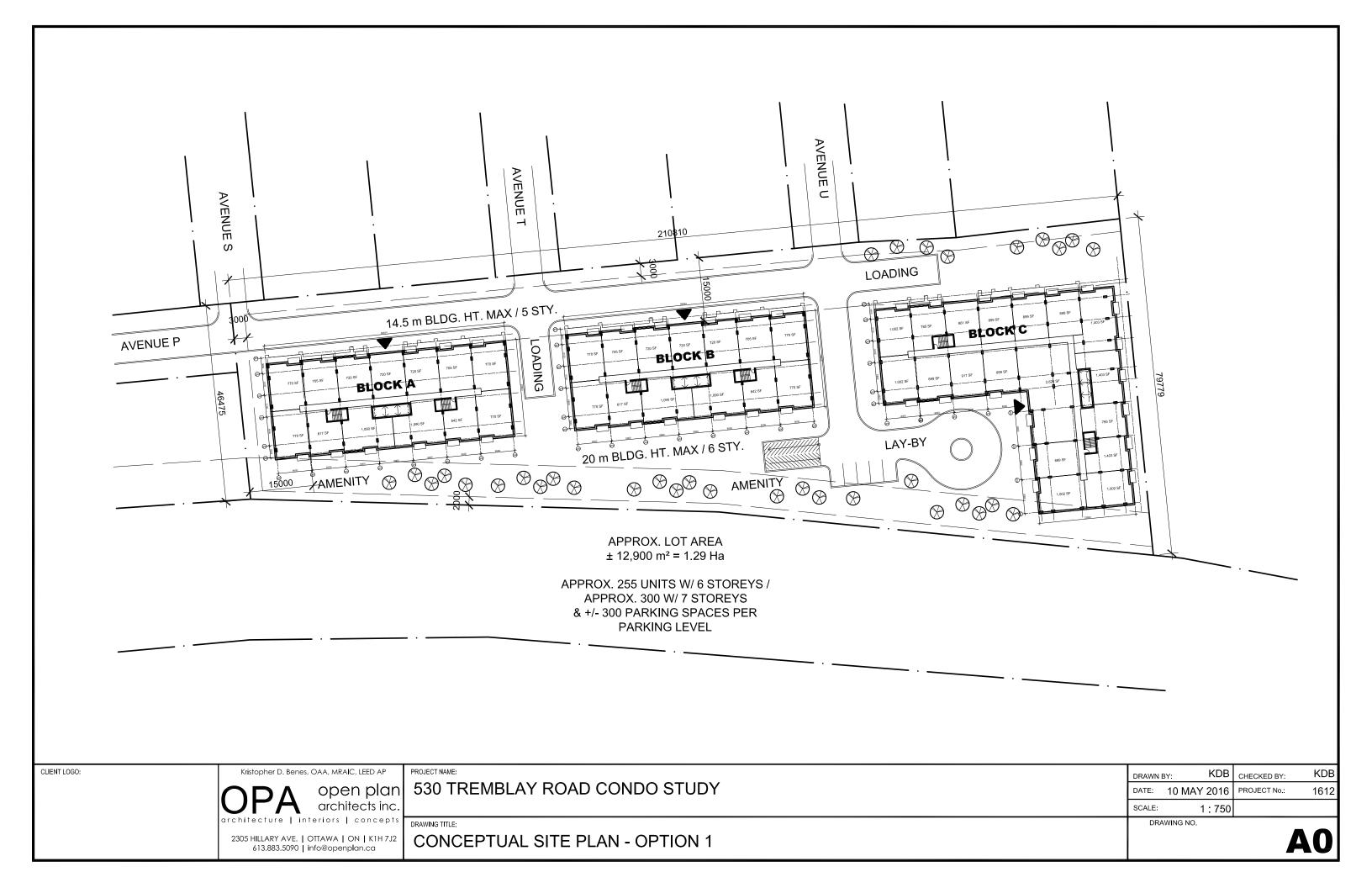


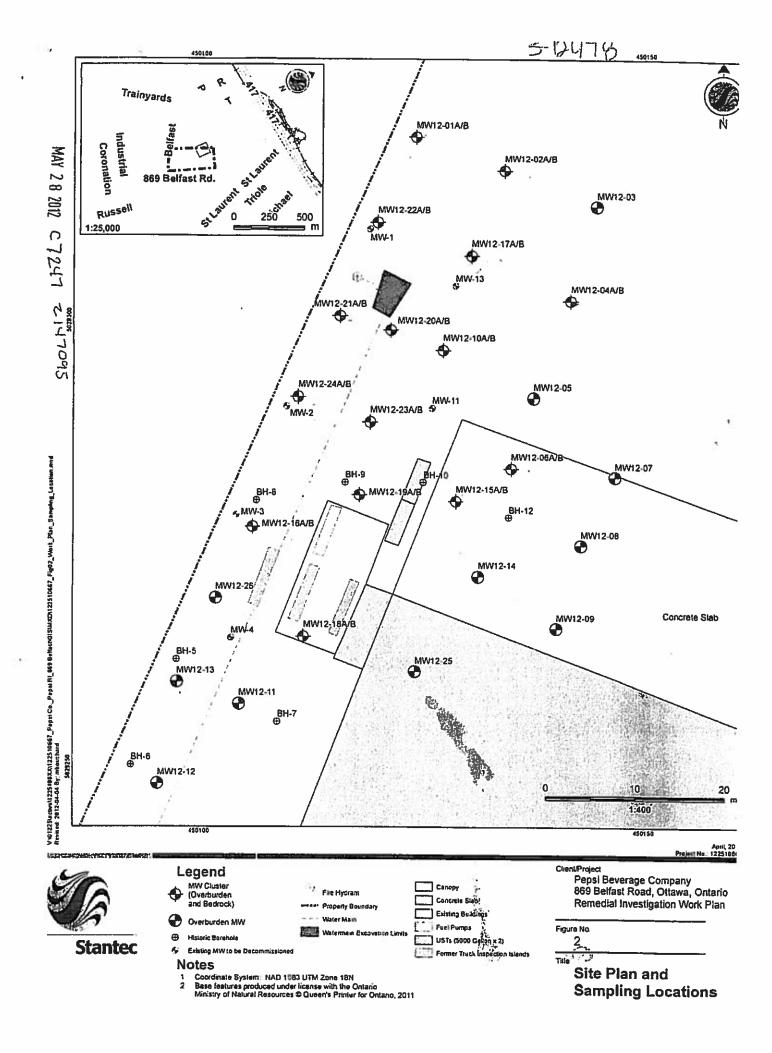
FIGURE 2
TOPOGRAPHIC MAP

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Well Record
Regulation 903 Ontario Water Resources Act

page ___ of ___

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Instructions for Completing Form

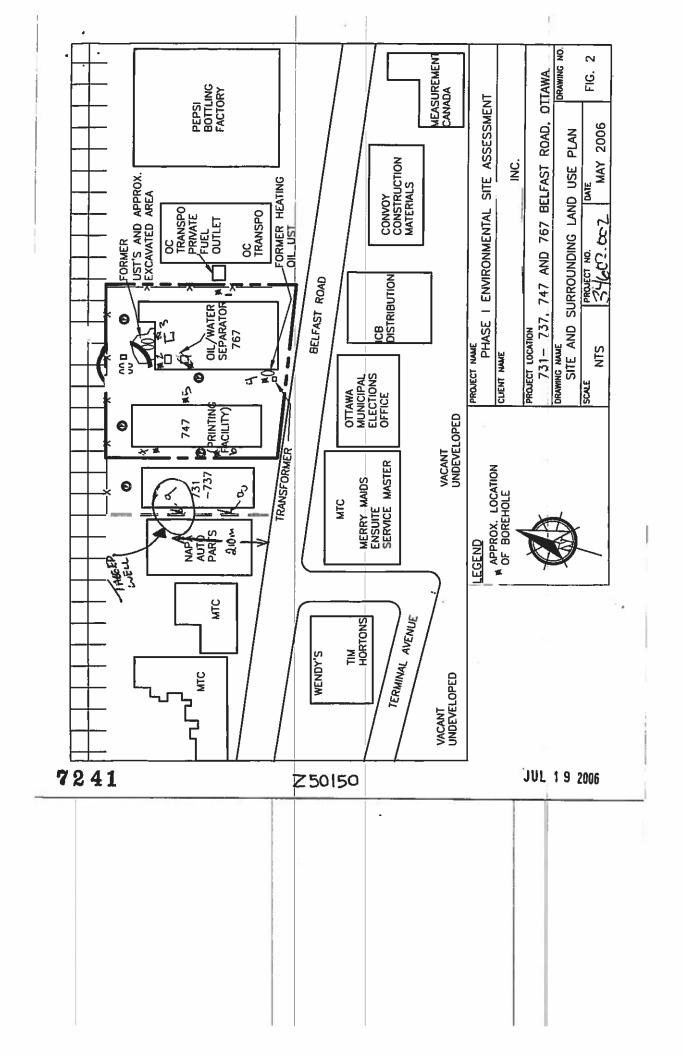
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• For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.

• 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 the All matra massuraments shall be	ls application can b	oe directed t	o the Wa	ter Well Help I	Desk (Toll Free)	at 1-888	-396-935	i5.	urs ioiti.
 All metre measurements shall be Please print clearly in blue or black 		or a metre.			Ministr	y Use Onl	у		
Well Owner's Information and Loca			MUN		ON			LOT	
Ontario Realty Corpor	noite	Mai			er/Name, RR,Lot, へんい そ	Concessio	on)		
County/District/Municipality	Township/City/Town	√Village	P	rovince Post	al Code M 9 A 7	Telephone	e Number	(Includ	e area code)
Address of Well Location (County/District/Mu	Kingston nicipality) Q	Tow	nship	Ontario IT	171 171 1	Lot	Conce	ssion	
RR#/Street Number/Name	Toad		The Common A	GH===	1.00.00		- 150 cm		
		. !	Attornation (aus	Site/C	ompartme	nVBlock/Ti	ract et	C.
GPS Reading NAD Zone Eastin	Northin	29626	nit Make/N	Model	e of Operation:	tt//different		Aver	aged
Log of Overburden and Bedrock Ma	terials (see instr	uctions)	CIGIT WIL	<u> </u>	7	Darquanage	eu, apeury _		
General Colour Most common material	Other Mate	eriais		Gener	al Description		Oer	om I	Metres
Brown Fill		<u>md & G</u>	ravel				0		Z
Dark Brown Till	Sandy (ہنما_	Soms	Clast	of Shale	. 10			6
	'		-						
			-		10				
			+				+		
			 					_	
Hole Diameter	Constr	uction Reco	rd			Test of W	/ell Yield		
Depth Metres Diameter Inside	Material	Wall thickness	Depth	Metres	Pumping test me		w Down		Scovery Water Level
O 6 20 centimetres	-	centimetres	From	To	Pump intake set	min	Metres	min	Metras
		Casing			(metres)	Level			
	Steel Fibreglass	<u> _ _ _ </u>			Pumping rate - (fitres/min)	1.		1_	
Water Record	Galvanized	0.3	0	3	Duration of pump			2	
 	Steel Fibreglass				Final water level	min 3		3	
☐ Gas ☐ Salty ☐ Minerals	Plastic Concrete Galvanized	1			of pumping	etres		3	
Other	Steel Fibreglass	- 55			Recommended polype. Shallow	Jmp 4		4_	
Gas Salty Minerals	Plastic Concrete				Hecommended pr	ump 5		_ 5	
Other:	Galvanized	Screen		!	Recommended p	itres 10		10	
Gas Salty Minerals Outside	Steel Fibreglass	Slot No.			rate (litres/min)	15		10 15	
After test of well yield, water was	Blastic Concrete -		3	6	If flowing give rate (fitres/min)	20		20 25	
Closes and addition use	Gelvanized	10			If pumping disconti ued, give reason.			30	
Other, specify		sing or Scree	n .			40 50		40 50	
Chtorinated Yes No	Open hole					60		60	
Plugging and Sealing Reco			ndonment			on of Wel	1		
Oepth set at - Metres Material and type (bentonite si		(CODAC II	natres)	In diagram below Indicate north by	show distances of v	rell from roa	d, lot time, a		· * /
0 2.7 Bentonite	SLUFFY	0.	3	×-	arrow Fence	— x -	-x 1	امب 4	rb 77
				7	₹ 3	4 —	>		7
				15					A)
		1		15 -	\				Min
Method of C					-				Blaz
Cable Tool Rotary (air) Rotary (conventional) Air percussion	☐ Diamond ☐ Jetting		Kigging Other						- 2
Rotary (reverse) Eoring	Driving								
Water Domestic Industrial	Public Supply		Other						
Stock Commercial Image in Municipal	Cooling & air c		i	Audit No		Date Wall	Completed		
Final Statu	as of Well			AUGIT No. Z	<u>70115</u>	200.	₹	, K	16 28
Water Supply ☐ Recharge welt ☐ Observation well ☐ Abandoned, insufficient ##	Unfinished Dewatering	Abandone	ed, (Other)	Was the well ow package defivered		Date Detive	red 2007 Y		MM DO 06121
Test Hole Abandoned, poor quality	Replacement v	well							0 2
Well Contractor/Tech	Well	Contractors Tree	ance No.	Data Source	Maratagery	Use Only Contractor		8	
Business Address (street name, pumber, city atc.)	1	0 200		Date Received	V000V 191 F-	Date of ins	nection		
1605 Hewitson S	street The	under B	مير		1611 D 3 POO7				MM DD
Name of Well Technician (last name, first name)	17	Jechnician's Lic 3236	ença No.	Remarks		Well Recor	d Number		
Signature of rechnic se/Contractor X	Date S	AAAA pegimdin	20	19					1111
0506E (08/2006)			's Copy		Cel	te foçmule	est dispor	nibie e	n français

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	nvironment	e elicker and print number below)	Regulation 903 Ontario		purces Act
Questions regarding completing	ntario only. This document is a permi ad in full to avoid delays in processing this application can be directed to all be reported to 1/10° of a metre. plack ink only.	anent legal document. Plea		nce.	of of
RR#Street Number/Name		lty/ [ogn/Village	Site/Compartment/B	lack/Topet at	
73 - 737 , 747 + 7 GPS Reading NAD Zone 8 3 Log of Overburden and Bedroo	67 DELEVIST K.D. Easting Northing U	OMAWA.	Operation: Undifferentiated	Avers	
General Colour Most common mater	al Other Materials	General De		Depth From	Metres
Buy GRAVER. GRY CLAY GRY WENTHER S.	SAND. SILT	Loose Dense Dens	· /WET.	0.3 244. 427	2.14 4.27 4.88
W079 27.865					
Hole Dlameter Depth Metres Diameter Institute From To Centimetes dia Centimetes Cent	m Material thickness	Depth Metres Pi	min M	-	Covery , Water Level Metres
Water Record Water found at Mores Kind of Water Mores Supplier	Casing Steel Fibregiasa Character Concrete Castracter Concrete Steel Fibregiasa Plassic Concrete	0 1.83	mp intake set at - Static Level surpring rate - 1 surpring rate - 1 surpring rate - 1 surpring ration of pumping 2 hrs + min nat water level and 3	1 2	3.63
Gas Salty Minerals Other: m Fresh Sulphur Gas Salty Minerals Other:	Galvanizad Steel Fibreglass Plastic Concrete Galvanizad	Re de	pumping metres scommended pump 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5	
Gas Salty Minerale Outs Other: After test of well yield, water was Clear and sediment free Other, specify	M Plastic Concrete Coloreste No Casing or Scree	53 4.88 m	(litrea/min) 15 howing give rate (litrea/min) 25 howing give rate (litrea/min) 25 howing discontind, give reason, 30 40 50	15 20 25 30 40	
Chlorinated Yea No Plugging and Sealing i Deph set at - Metres Material and time (form		donment	Location of Well	60	
0 0.3 . COURECTI 6.3 1.22 BENTONIT 1.22 4.88 SILICAS	of Construction	etres) Indicate north by arro	W. ATTACHE		ang.
Rotary (reverse) Boring Domestic Industrial Stock Commercial Imigation Municipal Final	Dohling Water Use Public Supply Not used Cooking & air conditioning Status of Well		Data West Com	2006	%09
Name of Well Contractor	Alley Replacement will Me Technician Information 1 < / Well Contractor's Lice Well Contractor's Lice	Deta Source Deta Source Deta Received TOPE NO. Remarks	Ministry Use Only Contractor	724	1
0506€ (5663)	Contractor's Copy [2] -Ministry's Copy [3]	Well Owner's Copy	Cette formule est	disponible er	n français

Ontario	Ministry of the Environment	A 046	30	int number below)	Regulation 90:	Ontari		Recor
Instructions for Complet	Ing Form	A 0460	80				ра	ge of
For use in the Province All Sections must be or Questions regarding to All metre measureme	of Ontario only. This impleted in full to avoi ripleting this applications shall be reported	document is a perma d delays in processing on can be directed to	_	al document. P instructions and Well Manager				(77 S) 2
 Please print clearly in b Well Owner's Information 		/ell Information	HUN	C	Ministry Us	Uniy	H	т
RR#/Street Number/Name	Ld Easting		ity/Town/V	LUA		Merentiat	ed 📋	ct etc.
Log of Overburden and i	adrock Materials (s	see instructions)	+		Diffe	erentiated,	specify	
General Colour Most commo	n material	Other Materials		Genera	I Description		Depth	Motre
Ben Fic		AND	-	7 (00)	Έ		0	1.12
THU SANZ		INP.	1/2	DENSE	UNIVED		3 66	3 6 4 A
THU SANZ		17	1 6	TUNA	CAREL		9 86	
A CA	-		1 2	THANK	ED	- 10	200	. 6.
W- 45° 1	4.887 9.954							
Hole Diameter Depth Metres Diameter	testa 1	Construction Recor	-	Materia	Pumping test method	t of We	Down	Recovery
From To Centimetre	Inside dlam Mater	allevilass -	Depth	Metres	- modes /ast matego	Time W	stor Level T	Tme Water Le
0 671889	centimetres	Casing	, point	10	Pump intake set at - (metres) Pumping rate -	Static Level		
	3 17 Junia	(/, 63		366	(litres/min) Duration of pumping	1		1
Water Record Water bund Kind of Water	Galvanized		0	100	hrs + min	2		2
m Fresh Sulphur	Plastic _	Concrete			Final water level end of pumping metres	3		3
Other	Galvanized Steel		-		Recommended pump type. Shallow Deep	4		4
Gas Satty Mineral	Plastic Gelvenized				Recommended pump depth. metres	5		5.
m Fresh Sulphur		Screen			Recommended pump	10		10
Gas Satty Mineral Other:	Outside Steel Plastic	Fibreglass Slot No.	L .	1 -1	If flowing give rate -	15 20		15 20
After test of well yield, water was	367 Getvenized		3.66	6.71	(litres/min) If pumping discontinued, give reason.	25 30		25 30
Other, specify		No Casing or Scree	n		ued, give reason.	40		40
Chlorinated Yes No	☐ Open hole					50 60		50 60
Plugging and 5			ncontrent		Location			
From To Meterial and I	-	nent sturry) etc. Volume (cubic r	Paced netres)	in diagram below indicate north by	v show distances of well fin arrow.	om road,	lot line, an	d building.
	REFE		+					
	WE WITE		H					
					71/		1	
					1511051	11		(%)
Cable Tool Rotary		iamond [] [Napiro		1505 0+-	215	A.I	· [
Rotary (conventional) Air pe	reussion Je		F	=				
Domestic Indus	Water Use	ublic Supply	5		24,6,242	r d	0.	<
Stock Comm	ercial N	ot used 196 N = 6	4146	Audit Ma	EAST DM	e Well C	ompleted	
	Final Status of Well		- 1	Audit No. Z	STOST		-06	ہ بھر / احراط
☐ Water Supply ☐ Recharge : ☐ Observation well ☐ Abandone	Insufficient supply 🔲 D	nfinished and and and and and and and and and an		Was the well ow package delivers	THE PERSON NAMED IN	e Deliveri	**I - 7/Y	Y MAI D
☐ Test Hole ☐ Abandone		splacement well LUE	16		Ministry Use	Only		
Name of Well Contractor	Tivos Tes	Well Contractor's Lic	erce No.	Data Source		itractor	79.	41
Business Address (street name, num	HINGEL W.	0 147/		Date Received	T" 7"2008 Date	e of Inspe	ction yyy	Y MM D
Name of Year Temporal (last name MIL May No	Pret name)	Well Technician's Lic	ece No.	Remarks		l Record	Number	1 1
Signature of telephological confector		Date Submitted WWY	90			-		
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