



*APPENDIX C12*  
*Contamination Assessment*

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# DATABASE REPORT

**Project Property:** *Kirby Road Extension EAS  
Kirby Road Extension EAS  
Vaughan ON*

**Project No:**

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *20190418188*

**Requested by:** *Schaeffers Consulting Engineers*

**Date Completed:** *April 26, 2019*

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# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	9
Map.....	13
Aerial.....	14
Topographic Map.....	15
Detail Report.....	16
Unplottable Summary.....	75
Unplottable Report.....	79
Appendix: Database Descriptions.....	103
Definitions.....	112

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# Executive Summary

## **Property Information:**

**Project Property:** Kirby Road Extension EAS  
Kirby Road Extension EAS Vaughan ON

**Project No:**

## **Order Information:**

**Order No:** 20190418188  
**Date Requested:** April 18, 2019  
**Requested by:** Schaeffers Consulting Engineers  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

**Topographic Map** Ontario Base Map (OBM)

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DRYCLEANERS	<i>Dry Cleaning Facilities</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	2	2
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EXP	<i>List of TSSA Expired Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	1	1
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>TSSA Incidents</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MISA PENALTY	<i>Environmental Penalty Annual Report</i>	Y	0	0	0



<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBW	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGW	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	1	1
PINC	<i>TSSA Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	2	2
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>TSSA Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	2	15	17
<b>Total:</b>			2	22	24

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	WWIS		lot 30 con 2 ON  <i>Well ID:</i> 7120819	-/0.0	6.10	<a href="#">16</a>
<a href="#">2</a>	WWIS		lot 30 con 2 ON  <i>Well ID:</i> 6906320	-/0.0	5.15	<a href="#">21</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">3</a>	WWIS		lot 29 con 2 ON <b>Well ID:</b> 6906315	WSW/23.2	-0.79	<a href="#">24</a>
<a href="#">4</a>	EHS		Bathurst Street Richmond Hill ON	ENE/32.5	0.33	<a href="#">26</a>
<a href="#">5</a>	SPL	CONTRACTOR	NEW DEVELOPMENT AT KIRBY RD AND DUFFERIN STREET SANITARY SEWER VAUGHAN CITY ON	WSW/33.1	14.64	<a href="#">26</a>
<a href="#">6</a>	EHS		Pt Lot 31 Con 2 Concord ON	ENE/144.0	13.06	<a href="#">26</a>
<a href="#">7</a>	WWIS		lot 55 con 1 ON <b>Well ID:</b> 6918235	ENE/150.8	-3.09	<a href="#">27</a>
<a href="#">8</a>	WWIS		lot 30 con 2 ON <b>Well ID:</b> 6906322	E/151.3	5.18	<a href="#">30</a>
<a href="#">9</a>	WWIS		lot 55 con 1 ON <b>Well ID:</b> 6919303	E/153.5	4.63	<a href="#">34</a>
<a href="#">10</a>	GEN	Rizmi Aggregates Inc.	11333 Dufferin Street Maple ON	SW/153.7	6.13	<a href="#">39</a>
<a href="#">11</a>	WWIS		lot 30 con 2 ON <b>Well ID:</b> 6908707	E/159.9	5.18	<a href="#">39</a>
<a href="#">12</a>	WWIS		lot 30 con 2 Richmond Hill ON <b>Well ID:</b> 7138561	E/166.2	5.18	<a href="#">42</a>
<a href="#">13</a>	WWIS		lot 31 con 2 ON <b>Well ID:</b> 6906325	ENE/169.5	15.18	<a href="#">44</a>
<a href="#">14</a>	WWIS		lot 31 con 2 ON	N/175.2	16.31	<a href="#">48</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 6926008			
<a href="#">15</a>	WWIS		lot 30 con 2 Richmond Hill ON <b>Well ID:</b> 7138562	E/177.0	5.18	<a href="#">53</a>
<a href="#">16</a>	ECA	ICON PEST CONTROL & WILDLIFE REMOVAL INC.	17 JENNY THOMPSON CRT RICHMOND HILL ON L4S 0E7	ENE/180.0	-4.85	<a href="#">55</a>
<a href="#">16</a>	PES	ICON PEST CONTROL & WILDLIFE REMOVAL	17 JENNY THOMPSON CRES. RICHMOND HILL ON L4S0E7	ENE/180.0	-4.85	<a href="#">55</a>
<a href="#">17</a>	WWIS		lot 55 con 1 ON <b>Well ID:</b> 6906170	ENE/182.4	-3.88	<a href="#">56</a>
<a href="#">18</a>	WWIS		lot 55 con 1 ON <b>Well ID:</b> 6906158	E/188.2	5.37	<a href="#">60</a>
<a href="#">19</a>	WWIS		lot 55 con 1 Richmond Hill ON <b>Well ID:</b> 7112190	ENE/201.8	-4.65	<a href="#">61</a>
<a href="#">20</a>	WWIS		lot 31 con 2 ON <b>Well ID:</b> 6917083	NE/206.1	15.18	<a href="#">64</a>
<a href="#">21</a>	WWIS		lot 29 con 2 ON <b>Well ID:</b> 6906316	SW/231.6	8.33	<a href="#">68</a>
<a href="#">22</a>	WWIS		lot 55 con 1 ON <b>Well ID:</b> 6906160	E/241.4	3.48	<a href="#">70</a>
<a href="#">23</a>	SPL		LAURENTIAN ROAD AT KIRBY AND DUFFERIN SUBDIVISION<UNOFFICIAL> Vaughan ON	WSW/250.0	4.67	<a href="#">73</a>

# Executive Summary: Summary By Data Source

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Mar 31, 2019 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
ICON PEST CONTROL & WILDLIFE REMOVAL INC.	17 JENNY THOMPSON CRT RICHMOND HILL ON L4S 0E7	180.0	<a href="#"><u>16</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2019 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	Bathurst Street Richmond Hill ON	32.5	<a href="#"><u>4</u></a>
	Pt Lot 31 Con 2 Concord ON	144.0	<a href="#"><u>6</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Dec 31, 2018 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Rizmi Aggregates Inc.	11333 Dufferin Street Maple ON	153.7	<a href="#"><u>10</u></a>

## **PES - Pesticide Register**

A search of the PES database, dated 1988-Sep 2018 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ICON PEST CONTROL & WILDLIFE REMOVAL	17 JENNY THOMPSON CRES. RICHMOND HILL ON L4S0E7	180.0	<a href="#">16</a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Dec 2018 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CONTRACTOR	NEW DEVELOPMENT AT KIRBY RD AND DUFFERIN STREET SANITARY SEWER VAUGHAN CITY ON	33.1	<a href="#">5</a>
	LAURENTIAN ROAD AT KIRBY AND DUFFERIN SUBDIVISION<UNOFFICIAL> Vaughan ON	250.0	<a href="#">23</a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Dec 31, 2017 has found that there are 17 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 30 con 2 ON  <i>Well ID:</i> 7120819	0.0	<a href="#">1</a>
	lot 30 con 2 ON  <i>Well ID:</i> 6906320	0.0	<a href="#">2</a>
	lot 29 con 2 ON  <i>Well ID:</i> 6906315	23.2	<a href="#">3</a>
	lot 55 con 1 ON  <i>Well ID:</i> 6918235	150.8	<a href="#">7</a>
	lot 30 con 2 ON  <i>Well ID:</i> 6906322	151.3	<a href="#">8</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 55 con 1 ON  <i>Well ID:</i> 6919303	153.5	<a href="#"><u>9</u></a>
	lot 30 con 2 ON  <i>Well ID:</i> 6908707	159.9	<a href="#"><u>11</u></a>
	lot 30 con 2 Richmond Hill ON  <i>Well ID:</i> 7138561	166.2	<a href="#"><u>12</u></a>
	lot 31 con 2 ON  <i>Well ID:</i> 6906325	169.5	<a href="#"><u>13</u></a>
	lot 31 con 2 ON  <i>Well ID:</i> 6926008	175.2	<a href="#"><u>14</u></a>
	lot 30 con 2 Richmond Hill ON  <i>Well ID:</i> 7138562	177.0	<a href="#"><u>15</u></a>
	lot 55 con 1 ON  <i>Well ID:</i> 6906170	182.4	<a href="#"><u>17</u></a>
	lot 55 con 1 ON  <i>Well ID:</i> 6906158	188.2	<a href="#"><u>18</u></a>
	lot 55 con 1 Richmond Hill ON  <i>Well ID:</i> 7112190	201.8	<a href="#"><u>19</u></a>
	lot 31 con 2 ON  <i>Well ID:</i> 6917083	206.1	<a href="#"><u>20</u></a>
	lot 29 con 2 ON  <i>Well ID:</i> 6906316	231.6	<a href="#"><u>21</u></a>
	lot 55 con 1 ON	241.4	<a href="#"><u>22</u></a>

**Site**

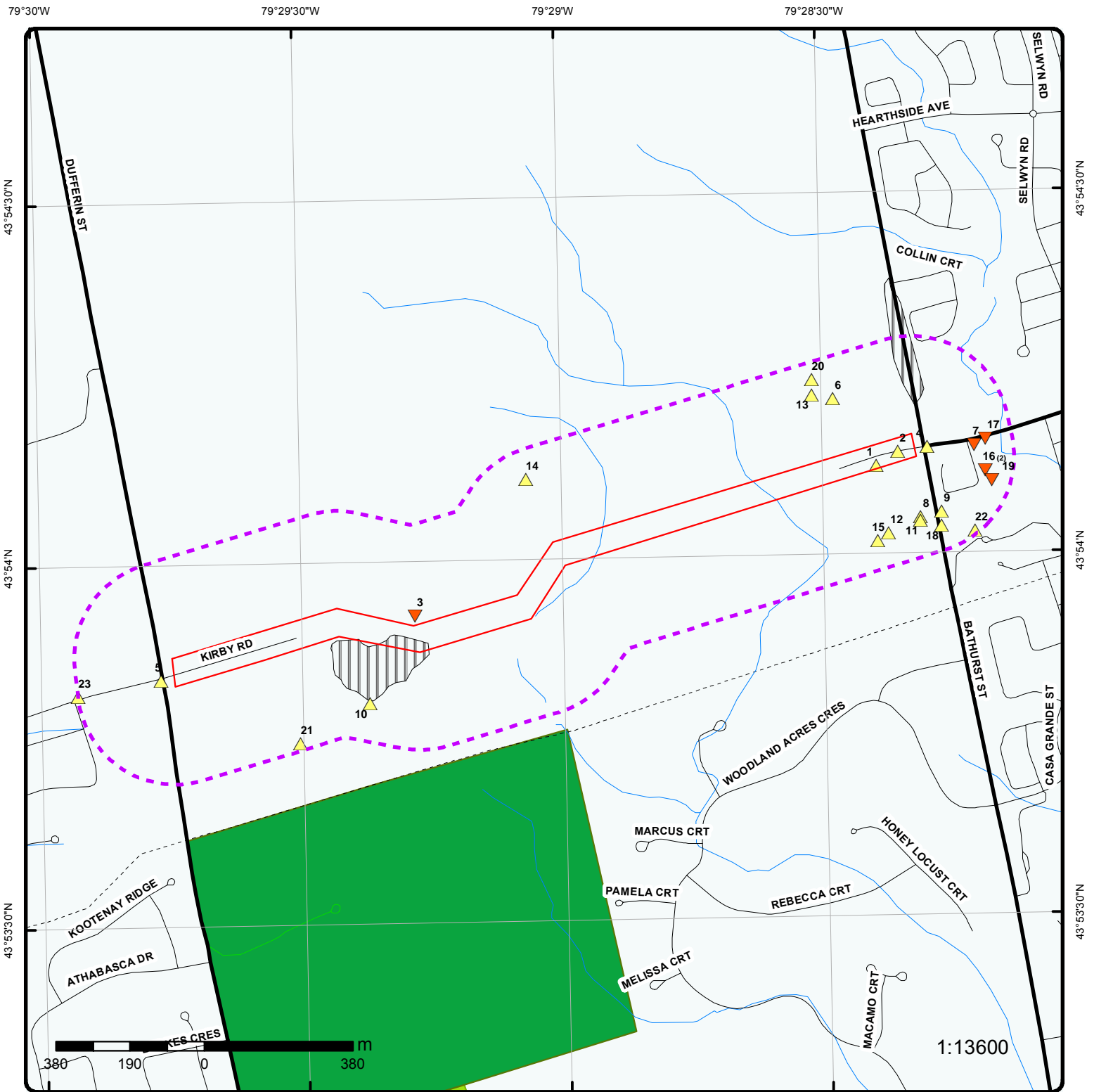
**Address**

**Distance (m)**

**Map Key**

*Well ID: 6906160*





### Map : 0.25 Kilometer Radius

Order No: 20190418188  
 Address: Kirby Road Extension EAS, Vaughan, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		





# Aerial (2013)

Address: Kirby Road Extension EAS, Vaughan, ON

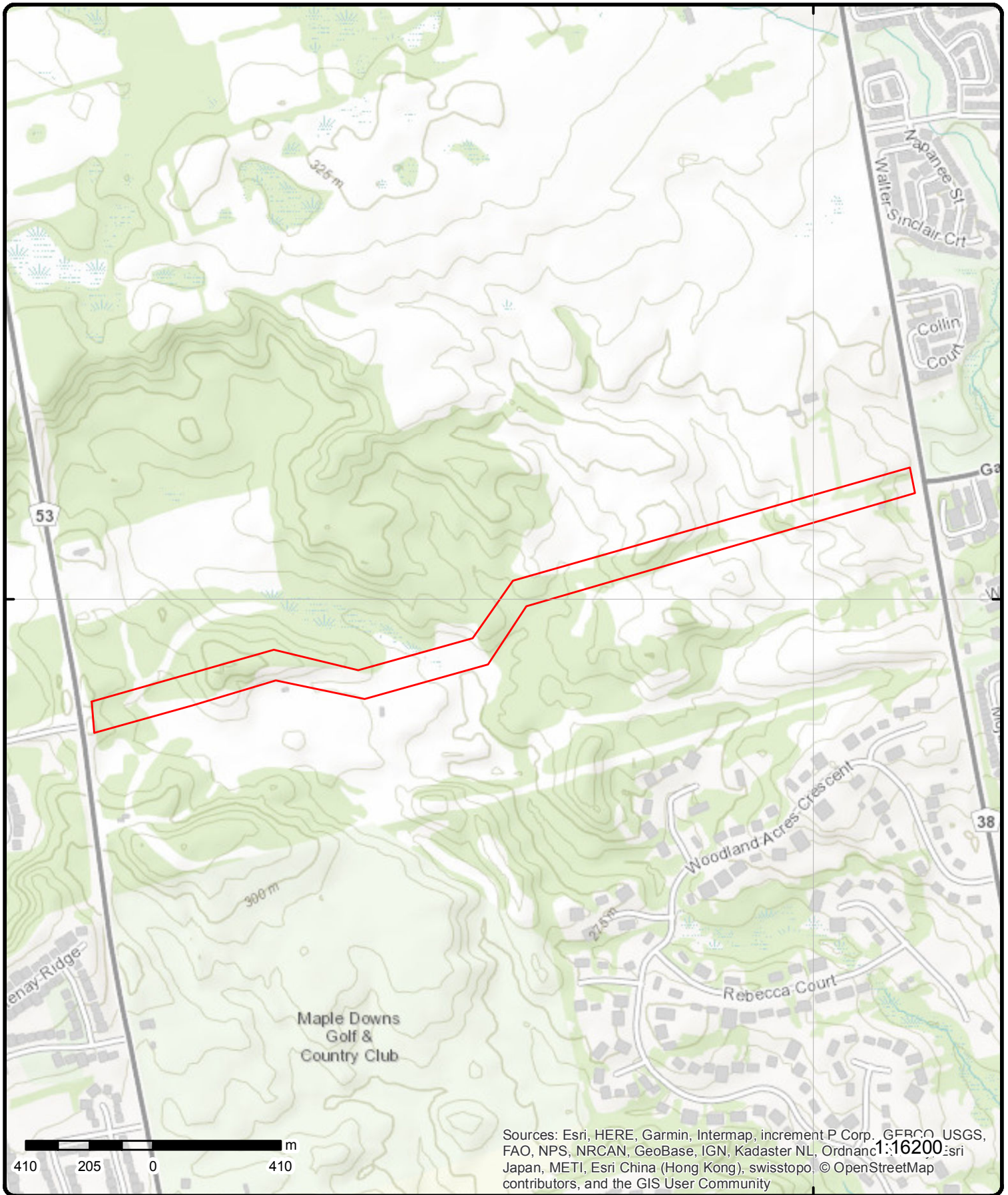
Source: ESRI World Imagery

Order No: 20190418188



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# Topographic Map

Address: Kirby Road Extension EAS, Vaughan, ON

Source: ESRI World Topographic Map

Order No: 20190418188



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
---------	-------------------	----------------------------	------------------	------	----

<u>1</u>	1 of 1	-/0.0	290.8 / 6.10	lot 30 con 2 ON	WWIS
----------	--------	-------	--------------	--------------------	------

**Well ID:** 7120819  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z42859  
**Tag:** A038432  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 3/23/2009  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 6915  
**Form Version:** 3  
**Owner:**  
**Street Name:** 11490 BATHURST STREET  
**County:** YORK  
**Municipality:** VAUGHAN TOWN (VAUGHAN TWP)  
**Site Info:**  
**Lot:** 030  
**Concession:** 02  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1002033737  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 01-JAN-09  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 296.24  
**Elevrc:**  
**Zone:** 17  
**East83:** 622601  
**North83:** 4862124  
**Org CS:** UTM83  
**UTMRC:** 3  
**UTMRC Desc:** margin of error : 10 - 30 m  
**Location Method:** wwr

**Overburden and Bedrock Materials Interval**

**Formation ID:** 1002625092  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 08  
**Other Materials:** FINE SAND

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		205			
<b>Formation End Depth:</b>		220			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1002625090			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		95			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1002625091			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		28			
<b>Other Materials:</b>		SAND			
<b>Mat3:</b>		06			
<b>Other Materials:</b>		SILT			
<b>Formation Top Depth:</b>		95			
<b>Formation End Depth:</b>		205			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1002625094			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1002625116			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1002625088			
<b>Casing No:</b>		0			
<b>Comment:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002625096			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		-3			
<b>Depth To:</b>		185			
<b>Casing Diameter:</b>		6.25			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002625097			
<b>Layer:</b>		2			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		175			
<b>Depth To:</b>		205			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002625098			
<b>Layer:</b>		1			
<b>Slot:</b>		6			
<b>Screen Top Depth:</b>		205			
<b>Screen End Depth:</b>		213			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1002625089			
<b>Pump Set At:</b>					
<b>Static Level:</b>		95			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>		160			
<b>Pumping Rate:</b>		13			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		13			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		0			
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>		N			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		1002625100			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Test Level:</b>			149		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625109		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			10		
<b>Test Level:</b>			145		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625113		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			20		
<b>Test Level:</b>			157		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625101		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			2		
<b>Test Level:</b>			113		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625107		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			5		
<b>Test Level:</b>			130		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625112		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			15		
<b>Test Level:</b>			98		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625104		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			3		
<b>Test Level:</b>			136		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625099		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			1		
<b>Test Level:</b>			105.5		
<b>Test Level UOM:</b>			ft		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625108		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			5		
<b>Test Level:</b>			125		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625102		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			2		
<b>Test Level:</b>			143		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625105		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			4		
<b>Test Level:</b>			125.6		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625106		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			4		
<b>Test Level:</b>			130		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625111		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			15		
<b>Test Level:</b>			153		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625103		
<b>Test Type:</b>			Draw Down		
<b>Test Duration:</b>			3		
<b>Test Level:</b>			120		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625110		
<b>Test Type:</b>			Recovery		
<b>Test Duration:</b>			10		
<b>Test Level:</b>			110		
<b>Test Level UOM:</b>			ft		
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>			1002625114		
<b>Test Type:</b>			Draw Down		



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Duration:</b>		30			
<b>Test Level:</b>		157			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1002625095			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002625093			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

<u>2</u>	1 of 1	-/0.0	289.8 / 5.15	lot 30 con 2 ON	WWIS
<b>Well ID:</b>		6906320		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b>	2/14/1958
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1622
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	VAUGHAN TOWN (VAUGHAN TWP)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	030
<b>Well Depth:</b>				<b>Concession:</b>	02
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10497020		<b>Elevation:</b>	290.06
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>		o		<b>East83:</b>	622655.6
<b>Code OB Desc:</b>		Overburden		<b>North83:</b>	4862160
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>		03-JUN-57		<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932733018		
<b>Layer:</b>			2		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			1		
<b>Formation End Depth:</b>			60		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932733020		
<b>Layer:</b>			4		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			08		
<b>Most Common Material:</b>			FINE SAND		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			115		
<b>Formation End Depth:</b>			160		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932733019		
<b>Layer:</b>			3		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			60		
<b>Formation End Depth:</b>			115		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932733017		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			02		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966906320			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11045590			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930809380			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		156			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933388703			
<b>Layer:</b>		1			
<b>Slot:</b>		006			
<b>Screen Top Depth:</b>		156			
<b>Screen End Depth:</b>		160			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		4			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996906320			
<b>Pump Set At:</b>					
<b>Static Level:</b>		115			
<b>Final Level After Pumping:</b>		130			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		6			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	16				
<b>Pumping Duration MIN:</b>	0				
<b>Flowing:</b>	N				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933989782				
<b>Layer:</b>	1				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	160				
<b>Water Found Depth UOM:</b>	ft				

<b><u>3</u></b>	<b>1 of 1</b>	<b>WSW/23.2</b>	<b>283.9 / -0.79</b>	<b>lot 29 con 2 ON</b>	<b>WWIS</b>
<b>Well ID:</b>	6906315			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>				<b>Date Received:</b>	3/11/1955
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Abandoned-Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	2636
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	VAUGHAN TOWN (VAUGHAN TWP)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	029
<b>Well Depth:</b>				<b>Concession:</b>	02
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10497015	<b>Elevation:</b>	290.19
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	621420.6
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4861738
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	17-NOV-54	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932732994
<b>Layer:</b>	2
<b>Color:</b>	3

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		35			
<b>Formation End Depth:</b>		90			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932732993			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		35			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932732995			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		90			
<b>Formation End Depth:</b>		310			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966906315			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11045585			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Previous Site Name:</b>				Y:	43.90358
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

<u>7</u>	1 of 1	ENE/150.8	281.6 / -3.09	lot 55 con 1 ON	WWIS
<b>Well ID:</b>	6918235			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	9/26/1986
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3108
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	NA			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	RICHMOND HILL TOWN (VAUGHAN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	055
<b>Well Depth:</b>				<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	YS W
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10508570	<b>Elevation:</b>	280.06
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	622851
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4862177
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	2
<b>Date Completed:</b>	29-AUG-86	<b>UTMRC Desc:</b>	margin of error : 3 - 10 m
<b>Remarks:</b>		<b>Location Method:</b>	gps
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932789505
<b>Layer:</b>	6
<b>Color:</b>	3
<b>General Color:</b>	BLUE
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	06
<b>Other Materials:</b>	SILT
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	162
<b>Formation End Depth:</b>	190
<b>Formation End Depth UOM:</b>	ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932789501		
<b>Layer:</b>			2		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			16		
<b>Formation End Depth:</b>			30		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932789500		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			02		
<b>Most Common Material:</b>			TOPSOIL		
<b>Mat2:</b>			81		
<b>Other Materials:</b>			SANDY		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			16		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932789503		
<b>Layer:</b>			4		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			88		
<b>Formation End Depth:</b>			150		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932789502		
<b>Layer:</b>			3		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			28		



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>		SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	30				
<b>Formation End Depth:</b>	88				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>	932789504				
<b>Layer:</b>	5				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	06				
<b>Most Common Material:</b>	SILT				
<b>Mat2:</b>	08				
<b>Other Materials:</b>	FINE SAND				
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	150				
<b>Formation End Depth:</b>	162				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>	932789506				
<b>Layer:</b>	7				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	08				
<b>Most Common Material:</b>	FINE SAND				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	190				
<b>Formation End Depth:</b>	237				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>	966918235				
<b>Method Construction Code:</b>	2				
<b>Method Construction:</b>	Rotary (Convent.)				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	11057140				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930822156				
<b>Layer:</b>	2				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Depth From:**  
**Depth To:** 230  
**Casing Diameter:** 5  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930822155  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 202  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933395598  
**Layer:** 1  
**Slot:** 006  
**Screen Top Depth:** 231  
**Screen End Depth:** 237  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 6

**Results of Well Yield Testing**

**Pump Test ID:** 996918235  
**Pump Set At:**  
**Static Level:** 60  
**Final Level After Pumping:** 95  
**Recommended Pump Depth:** 120  
**Pumping Rate:** 10  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** N

**Water Details**

**Water ID:** 934001180  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 200  
**Water Found Depth UOM:** ft

<u>8</u>	1 of 1	E/151.3	289.9 / 5.18	lot 30 con 2 ON	WWIS
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Well ID: 6906322 Data Entry Status:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	7/18/1963
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3108
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	VAUGHAN TOWN (VAUGHAN TWP)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	030
<b>Well Depth:</b>				<b>Concession:</b>	02
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	10497022	<b>Elevation:</b>	294.64
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	622714.6
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4861992
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	10-APR-63	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932733027
<b>Layer:</b>	5
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	08
<b>Most Common Material:</b>	FINE SAND
<b>Mat2:</b>	05
<b>Other Materials:</b>	CLAY
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	140
<b>Formation End Depth:</b>	150
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932733029
<b>Layer:</b>	7
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		165			
<b>Formation End Depth:</b>		173			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932733028			
<b>Layer:</b>		6			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		150			
<b>Formation End Depth:</b>		165			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932733025			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		55			
<b>Formation End Depth:</b>		70			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932733024			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		5			
<b>Formation End Depth:</b>		55			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		932733030			
<b>Layer:</b>		8			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		173			
<b>Formation End Depth:</b>		220			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932733023			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		23			
<b>Most Common Material:</b>		PREVIOUSLY DUG			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932733026			
<b>Layer:</b>		4			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		70			
<b>Formation End Depth:</b>		140			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966906322			
<b>Method Construction Code:</b>		8			
<b>Method Construction:</b>		Jetting			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11045592			
<b>Casing No:</b>		1			
<b>Comment:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Alt Name:

**Construction Record - Casing**

Casing ID: 930809382  
 Layer: 1  
 Material: 1  
 Open Hole or Material: STEEL  
 Depth From:  
 Depth To: 210  
 Casing Diameter: 2  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933388705  
 Layer: 1  
 Slot: 005  
 Screen Top Depth: 210  
 Screen End Depth: 220  
 Screen Material:  
 Screen Depth UOM: ft  
 Screen Diameter UOM: inch  
 Screen Diameter: 2

**Results of Well Yield Testing**

Pump Test ID: 996906322  
 Pump Set At:  
 Static Level: 100  
 Final Level After Pumping:  
 Recommended Pump Depth: 200  
 Pumping Rate: 3  
 Flowing Rate:  
 Recommended Pump Rate: 3  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 1  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 4  
 Pumping Duration MIN: 0  
 Flowing: N

**Water Details**

Water ID: 933989784  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 173  
 Water Found Depth UOM: ft

<a href="#">9</a>	1 of 1	E/153.5	289.3 / 4.63	lot 55 con 1 ON	WWIS
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Well ID:	6919303	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	1/26/1988
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water Type:</b>				<b>Contractor:</b>	1663
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	09136			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	RICHMOND HILL TOWN (VAUGHAN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	055
<b>Well Depth:</b>				<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	YS W
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10509627	<b>Elevation:</b>	288.42
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	622768.6
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4862008
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	12-JUN-87	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932795777
<b>Layer:</b>	6
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	08
<b>Most Common Material:</b>	FINE SAND
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	135
<b>Formation End Depth:</b>	201
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932795778
<b>Layer:</b>	7
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Mat1:</b>	08
<b>Most Common Material:</b>	FINE SAND
<b>Mat2:</b>	05
<b>Other Materials:</b>	CLAY
<b>Mat3:</b>	11

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>		GRAVEL			
<b>Formation Top Depth:</b>		201			
<b>Formation End Depth:</b>		245			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932795773			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		34			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932795772			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932795774			
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		34			
<b>Formation End Depth:</b>		60			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932795776			
<b>Layer:</b>		5			
<b>Color:</b>		3			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		85			
<b>Formation End Depth:</b>		135			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932795775			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		60			
<b>Formation End Depth:</b>		85			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		933212791			
<b>Layer:</b>		1			
<b>Plug From:</b>		177			
<b>Plug To:</b>		245			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966919303			
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11058197			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930823319			
<b>Layer:</b>		1			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>		172			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>	933396336				
<b>Layer:</b>	1				
<b>Slot:</b>	006				
<b>Screen Top Depth:</b>	172				
<b>Screen End Depth:</b>	178				
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>	ft				
<b>Screen Diameter UOM:</b>	inch				
<b>Screen Diameter:</b>	6				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	996919303				
<b>Pump Set At:</b>					
<b>Static Level:</b>	85				
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>	172				
<b>Pumping Rate:</b>	5				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>	5				
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	2				
<b>Pumping Duration HR:</b>	1				
<b>Pumping Duration MIN:</b>	30				
<b>Flowing:</b>	N				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	934360551				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	15				
<b>Test Level:</b>	170				
<b>Test Level UOM:</b>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	934627182				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	30				
<b>Test Level:</b>	170				
<b>Test Level UOM:</b>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	935149693				
<b>Test Type:</b>	Draw Down				
<b>Test Duration:</b>	60				
<b>Test Level:</b>	170				
<b>Test Level UOM:</b>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	934876969				
<b>Test Type:</b>	Draw Down				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Duration:</b>		45			
<b>Test Level:</b>		170			
<b>Test Level UOM:</b>		ft			
<a href="#">10</a>	1 of 1	SW/153.7	290.8 / 6.13	Rizmi Aggregates Inc. 11333 Dufferin Street Maple ON	GEN
<b>Generator No:</b>	ON8825349			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	416390				
<b>SIC Description:</b>					
<a href="#">11</a>	1 of 1	E/159.9	289.9 / 5.18	lot 30 con 2 ON	WWIS
<b>Well ID:</b>	6908707			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	10/25/1968
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	2407
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	VAUGHAN TOWN (VAUGHAN TWP)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	030
<b>Well Depth:</b>				<b>Concession:</b>	02
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10499391			<b>Elevation:</b>	295.21
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	o			<b>East83:</b>	622714.6
<b>Code OB Desc:</b>	Overburden			<b>North83:</b>	4861983
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	4
<b>Date Completed:</b>	07-AUG-68			<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>				<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932743498				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		21			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932743499			
<b>Layer:</b>		3			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		21			
<b>Formation End Depth:</b>		104			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932743501			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		171			
<b>Formation End Depth:</b>		182			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932743500			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		07			
<b>Most Common Material:</b>		QUICKSAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		104			
<b>Formation End Depth:</b>		171			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932743497			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		2			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966908707			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11047961			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930811925			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		178			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933390079			
<b>Layer:</b>		1			
<b>Slot:</b>		010			
<b>Screen Top Depth:</b>		178			
<b>Screen End Depth:</b>		182			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996908707			
<b>Pump Set At:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Level:		99			
Final Level After Pumping:		182			
Recommended Pump Depth:		182			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933991966			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		171			
Water Found Depth UOM:		ft			

<u>12</u>	1 of 1	E/166.2	289.9 / 5.18	lot 30 con 2 Richmond Hill ON	WWIS
Well ID:		7138561		<b>Data Entry Status:</b>	
Construction Date:				<b>Data Src:</b>	
Primary Water Use:		Monitoring and Test Hole		<b>Date Received:</b> 1/21/2010	
Sec. Water Use:		0		<b>Selected Flag:</b> Yes	
Final Well Status:		Monitoring and Test Hole		<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b> 7241	
Casing Material:				<b>Form Version:</b> 7	
Audit No:		Z108724		<b>Owner:</b>	
Tag:		A090962		<b>Street Name:</b> BATHURST & GAMBLE STREET	
Construction Method:				<b>County:</b> YORK	
Elevation (m):				<b>Municipality:</b> VAUGHAN TOWN (VAUGHAN TWP)	
Elevation Reliability:				<b>Site Info:</b> WKQ-002038	
Depth to Bedrock:				<b>Lot:</b> 030	
Well Depth:				<b>Concession:</b> 02	
Overburden/Bedrock:				<b>Concession Name:</b> CON	
Pump Rate:				<b>Easting NAD83:</b>	
Static Water Level:				<b>Northing NAD83:</b>	
Flowing (Y/N):				<b>Zone:</b>	
Flow Rate:				<b>UTM Reliability:</b>	
Clear/Cloudy:					
<b><u>Bore Hole Information</u></b>					
Bore Hole ID:		1002927685		<b>Elevation:</b> 289.48	
DP2BR:				<b>Elevrc:</b>	
Spatial Status:				<b>Zone:</b> 17	
Code OB:				<b>East83:</b> 622633	
Code OB Desc:				<b>North83:</b> 4861951	
Open Hole:				<b>Org CS:</b> UTM83	
Cluster Kind:				<b>UTMRC:</b> 4	
Date Completed:		14-DEC-09		<b>UTMRC Desc:</b> margin of error : 30 m - 100 m	
Remarks:				<b>Location Method:</b> wwr	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1003067158			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		77			
<b>Other Materials:</b>		LOOSE			
<b>Mat3:</b>		91			
<b>Other Materials:</b>		WATER-BEARING			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		20			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1003067161			
<b>Layer:</b>		2			
<b>Plug From:</b>		9			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1003067160			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		9			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		1003067167			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003067157			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003067163			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Diameter:</b>		1.75			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1003067164			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		10			
<b>Screen End Depth:</b>		20			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		2			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1003067162			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1003067159			
<b>Diameter:</b>		10.92			
<b>Depth From:</b>		0			
<b>Depth To:</b>		20			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

<a href="#">13</a>	1 of 1	<b>ENE/169.5</b>	<b>299.9 / 15.18</b>	<b>lot 31 con 2 ON</b>	<b>WWIS</b>
<b>Well ID:</b>		6906325		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b> 1	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 7/18/1963	
<b>Sec. Water Use:</b>		Livestock		<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 3108	
<b>Casing Material:</b>				<b>Form Version:</b> 1	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> YORK	
<b>Elevation (m):</b>				<b>Municipality:</b> VAUGHAN TOWN (VAUGHAN TWP)	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b> 031	
<b>Well Depth:</b>				<b>Concession:</b> 02	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b> CON	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10497025		<b>Elevation:</b> 297.75	
<b>DP2BR:</b>				<b>Elevrc:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	o			<b>East83:</b>	622435.6
<b>Code OB Desc:</b>	Overburden			<b>North83:</b>	4862305
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	22-FEB-63			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932733046  
**Layer:** 6  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 09  
**Other Materials:** MEDIUM SAND  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 140  
**Formation End Depth:** 150  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932733047  
**Layer:** 7  
**Color:**  
**General Color:**  
**Mat1:** 08  
**Most Common Material:** FINE SAND  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 150  
**Formation End Depth:** 158  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932733045  
**Layer:** 5  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 105  
**Formation End Depth:** 140

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932733044			
<b>Layer:</b>		4			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		12			
<b>Other Materials:</b>		STONES			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		75			
<b>Formation End Depth:</b>		105			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932733043			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		58			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932733042			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		5			
<b>Formation End Depth:</b>		58			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932733041			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		23			
<b>Most Common Material:</b>		PREVIOUSLY DUG			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966906325			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11045595			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930809385			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		150			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933388708			
<b>Layer:</b>		1			
<b>Slot:</b>		004			
<b>Screen Top Depth:</b>		150			
<b>Screen End Depth:</b>		153			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		4			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996906325			
<b>Pump Set At:</b>					
<b>Static Level:</b>		100			
<b>Final Level After Pumping:</b>		140			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
<b><u>Water Details</u></b>					
Water ID:	933989787				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	150				
Water Found Depth UOM:	ft				

<a href="#">14</a>	1 of 1	N/175.2	301.0 / 16.31	lot 31 con 2 ON	WWIS
Well ID:	6926008			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/2/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3108
Casing Material:				Form Version:	1
Audit No:	210848			Owner:	
Tag:				Street Name:	
Construction Method:				County:	YORK
Elevation (m):				Municipality:	VAUGHAN TOWN (VAUGHAN TWP)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	031
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

**Bore Hole Information**

Bore Hole ID:	10523314	Elevation:	300.29
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	621703.8
Code OB Desc:	Overburden	North83:	4862088
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	23-AUG-01	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock**

**Materials Interval**

Formation ID:	932855734
Layer:	8
Color:	3
General Color:	BLUE

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>			06		
<b>Most Common Material:</b>			SILT		
<b>Mat2:</b>			05		
<b>Other Materials:</b>			CLAY		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			250		
<b>Formation End Depth:</b>			261		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932855732		
<b>Layer:</b>			6		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			06		
<b>Most Common Material:</b>			SILT		
<b>Mat2:</b>			28		
<b>Other Materials:</b>			SAND		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			228		
<b>Formation End Depth:</b>			245		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932855731		
<b>Layer:</b>			5		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			28		
<b>Other Materials:</b>			SAND		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			173		
<b>Formation End Depth:</b>			228		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932855730		
<b>Layer:</b>			4		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			109		
<b>Formation End Depth:</b>			173		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932855729		
<b>Layer:</b>			3		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			28		
<b>Other Materials:</b>			SAND		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			28		
<b>Formation End Depth:</b>			109		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932855735		
<b>Layer:</b>			9		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			28		
<b>Most Common Material:</b>			SAND		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			261		
<b>Formation End Depth:</b>			275		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932855727		
<b>Layer:</b>			1		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			8		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932855728		
<b>Layer:</b>			2		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>	8				
<b>Formation End Depth:</b>	28				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>	932855733				
<b>Layer:</b>	7				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	245				
<b>Formation End Depth:</b>	250				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>	933224948				
<b>Layer:</b>	1				
<b>Plug From:</b>	0				
<b>Plug To:</b>	15				
<b>Plug Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>	966926008				
<b>Method Construction Code:</b>	2				
<b>Method Construction:</b>	Rotary (Convent.)				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	11071884				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930830688				
<b>Layer:</b>	1				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>	6				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930830689				
<b>Layer:</b>	2				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Material:</b>	1				
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>	5				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>	933401772				
<b>Layer:</b>	1				
<b>Slot:</b>	006				
<b>Screen Top Depth:</b>	269				
<b>Screen End Depth:</b>	275				
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>	ft				
<b>Screen Diameter UOM:</b>	inch				
<b>Screen Diameter:</b>	6				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	996926008				
<b>Pump Set At:</b>					
<b>Static Level:</b>	104				
<b>Final Level After Pumping:</b>	268				
<b>Recommended Pump Depth:</b>	250				
<b>Pumping Rate:</b>	20				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>	10				
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	2				
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>	N				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	934633078				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	30				
<b>Test Level:</b>	130				
<b>Test Level UOM:</b>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	934358679				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	15				
<b>Test Level:</b>	162				
<b>Test Level UOM:</b>	ft				
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>	935148246				
<b>Test Type:</b>	Recovery				
<b>Test Duration:</b>	60				
<b>Test Level:</b>	105				
<b>Test Level UOM:</b>	ft				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Draw Down & Recovery**

**Pump Test Detail ID:** 934890241  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 119  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 934015771  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 261  
**Water Found Depth UOM:** ft

[15](#)      1 of 1      **E/177.0**      **289.9 / 5.18**      **lot 30 con 2  
Richmond Hill ON**      **WWIS**

**Well ID:** 7138562  
**Construction Date:**  
**Primary Water Use:** Monitoring and Test Hole  
**Sec. Water Use:** 0  
**Final Well Status:** Monitoring and Test Hole  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z108723  
**Tag:** A090963  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 1/21/2010  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 7241  
**Form Version:** 7  
**Owner:**  
**Street Name:** BATHURST & GAMBLE STREET  
**County:** YORK  
**Municipality:** VAUGHAN TOWN (VAUGHAN TWP)  
**Site Info:** WKQ-002038 (A0-A01)  
**Lot:** 030  
**Concession:** 02  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 1002927688  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 14-DEC-09  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 290  
**Elevrc:**  
**Zone:** 17  
**East83:** 622605  
**North83:** 4861931  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

**Overburden and Bedrock  
Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1003067231			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		77			
<b>Other Materials:</b>		LOOSE			
<b>Mat3:</b>		91			
<b>Other Materials:</b>		WATER-BEARING			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		20			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003067234			
<b>Layer:</b>		2			
<b>Plug From:</b>		9			
<b>Plug To:</b>		20			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1003067233			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		9			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1003067240			
<b>Method Construction Code:</b>		D			
<b>Method Construction:</b>		Direct Push			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1003067230			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1003067236			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		10			
<b>Casing Diameter:</b>		1.75			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Screen ID:** 1003067237  
**Layer:** 1  
**Slot:** 10  
**Screen Top Depth:** 10  
**Screen End Depth:** 20  
**Screen Material:** 5  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2

**Water Details**

**Water ID:** 1003067235  
**Layer:**  
**Kind Code:**  
**Kind:**  
**Water Found Depth:**  
**Water Found Depth UOM:** ft

**Hole Diameter**

**Hole ID:** 1003067232  
**Diameter:** 10.92  
**Depth From:** 0  
**Depth To:** 20  
**Hole Depth UOM:** ft  
**Hole Diameter UOM:** inch

<a href="#">16</a>	1 of 2	ENE/180.0	279.8 / -4.85	<b>ICON PEST CONTROL &amp; WILDLIFE REMOVAL INC.</b> <b>17 JENNY THOMPSON CRT</b> <b>RICHMOND HILL ON L4S 0E7</b>	<b>ECA</b>
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<b>Approval No:</b> L-240-8039748743 <b>Approval Date:</b> 2019-01-14 <b>Status:</b> Active <b>Record Type:</b> PEST <b>Link Source:</b> PEST <b>SWP Area Name:</b> Toronto <b>Approval Type:</b> PEST-Operator <b>Project Type:</b> Operator <b>Address:</b> 17 JENNY THOMPSON CRT <b>Full Address:</b> <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2118047">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2118047</a>	<b>MOE District:</b> York-Durham <b>City:</b> <b>Longitude:</b> -79.47 <b>Latitude:</b> 43.90194444 <b>Geometry X:</b> -8846559.9333 <b>Geometry Y:</b> 5450280.377999999
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<a href="#">16</a>	2 of 2	ENE/180.0	279.8 / -4.85	<b>ICON PEST CONTROL &amp; WILDLIFE REMOVAL</b> <b>17 JENNY THOMPSON CRES.</b> <b>RICHMOND HILL ON L4S0E7</b>	<b>PES</b>
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<b>Billing No:</b> 055439 <b>Trade Name:</b> <b>Licence No:</b> 10382 <b>Detail Licence No:</b> <b>Licence Type Code:</b> 02 <b>Licence Type:</b> Operator <b>Licence Class:</b> 01 <b>Licence Control:</b> <b>Operator No:</b> <b>Operator Class:</b> <b>Operator Type:</b> <b>Operator Lot:</b>	<b>Op Municipality:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Oper Area Code:</b> 647 <b>Oper Phone No:</b> 5264794 <b>Operator Ext:</b> <b>Region:</b> <b>County:</b> <b>District:</b> <b>Lot:</b> <b>Concession:</b>
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Oper Concession: Operator Box:</b>				<b>Post Office Box: Report Source:</b>	Legacy Licenses (Excluding TS)

<a href="#">17</a>	1 of 1	ENE/182.4	280.8 / -3.88	lot 55 con 1 ON	WWIS
<b>Well ID:</b>	6906170			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	2/11/1963
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3108
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	RICHMOND HILL TOWN (VAUGHAN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	055
<b>Well Depth:</b>				<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	YS W
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10496871	<b>Elevation:</b>	279.55
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	622879.6
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4862194
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	15-AUG-62	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932732056
<b>Layer:</b>	8
<b>Color:</b>	3
<b>General Color:</b>	BLUE
<b>Mat1:</b>	08
<b>Most Common Material:</b>	FINE SAND
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	145
<b>Formation End Depth:</b>	160
<b>Formation End Depth UOM:</b>	ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732055			
<b>Layer:</b>		7			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		105			
<b>Formation End Depth:</b>		145			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732053			
<b>Layer:</b>		5			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		78			
<b>Formation End Depth:</b>		98			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732049			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		2			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732054			
<b>Layer:</b>		6			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		98			
<b>Formation End Depth:</b>		105			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732050			
<b>Layer:</b>		2			
<b>Color:</b>		5			
<b>General Color:</b>		YELLOW			
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732051			
<b>Layer:</b>		3			
<b>Color:</b>		5			
<b>General Color:</b>		YELLOW			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Other Materials:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		18			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932732052			
<b>Layer:</b>		4			
<b>Color:</b>		5			
<b>General Color:</b>		YELLOW			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		18			
<b>Formation End Depth:</b>		78			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966906170			
<b>Method Construction Code:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11045441			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930809228			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		157			
<b>Casing Diameter:</b>		4			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933388607			
<b>Layer:</b>		1			
<b>Slot:</b>		004			
<b>Screen Top Depth:</b>		157			
<b>Screen End Depth:</b>		160			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		4			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996906170			
<b>Pump Set At:</b>					
<b>Static Level:</b>		40			
<b>Final Level After Pumping:</b>		100			
<b>Recommended Pump Depth:</b>		150			
<b>Pumping Rate:</b>		4			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		3			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933989659			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		145			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">18</a>	1 of 1	E/188.2	290.0 / 5.37	lot 55 con 1 ON	WWIS
<b>Well ID:</b> 6906158 <b>Construction Date:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Final Well Status:</b> Abandoned-Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 10/16/1957 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 2105 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> YORK <b>Municipality:</b> RICHMOND HILL TOWN (VAUGHAN) <b>Site Info:</b> <b>Lot:</b> 055 <b>Concession:</b> 01 <b>Concession Name:</b> YS W <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10496859 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> o <b>Code OB Desc:</b> Overburden <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 17-SEP-57 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>		<b>Elevation:</b> 291.37 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 622767.6 <b>North83:</b> 4861970 <b>Org CS:</b> <b>UTMRC:</b> 9 <b>UTMRC Desc:</b> unknown UTM <b>Location Method:</b> p9			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 932732000 <b>Layer:</b> 2 <b>Color:</b> 3 <b>General Color:</b> BLUE <b>Mat1:</b> 05 <b>Most Common Material:</b> CLAY <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> 90 <b>Formation End Depth:</b> 170 <b>Formation End Depth UOM:</b> ft					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Formation ID:</b>		932731999			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		90			
<b>Formation End Depth UOM:</b>		ft			

**Method of Construction & Well Use**

**Method Construction ID:** 966906158  
**Method Construction Code:** 8  
**Method Construction:** Jetting  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11045429  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930809216  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 170  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

<a href="#">19</a>	1 of 1	<b>ENE/201.8</b>	<b>280.0 / -4.65</b>	<b>lot 55 con 1 Richmond Hill ON</b>	<b>WWIS</b>
<b>Well ID:</b>	7112190			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Date Received:</b>	9/26/2008
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Abandoned-Other			<b>Abandonment Rec:</b>	Yes
<b>Water Type:</b>				<b>Contractor:</b>	1663
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z83492			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	695 GAMBLE ROAD
<b>Construction Method:</b>				<b>County:</b>	YORK
<b>Elevation (m):</b>				<b>Municipality:</b>	RICHMOND HILL TOWN (VAUGHAN)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	055
<b>Well Depth:</b>				<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	YS W
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1001818554			<b>Elevation:</b>	281.14
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>				<b>East83:</b>	622896
<b>Code OB Desc:</b>				<b>North83:</b>	4862087
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	01-AUG-08			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	1001955657				
<b>Layer:</b>	1				
<b>Color:</b>	2				
<b>General Color:</b>	GREY				
<b>Mat1:</b>					
<b>Most Common Material:</b>					
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>					
<b>Formation End Depth UOM:</b>	ft				
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>	1001955659				
<b>Layer:</b>	1				
<b>Plug From:</b>	0				
<b>Plug To:</b>	238				
<b>Plug Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>	1001955664				
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	1001955655				
<b>Casing No:</b>	0				
<b>Comment:</b>					
<b>Alt Name:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			1001955661		
<b>Layer:</b>			1		
<b>Material:</b>			1		
<b>Open Hole or Material:</b>			STEEL		
<b>Depth From:</b>			0		
<b>Depth To:</b>			238		
<b>Casing Diameter:</b>			6.25		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>			1001955662		
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>			ft		
<b>Screen Diameter UOM:</b>			inch		
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>			1001955656		
<b>Pump Set At:</b>					
<b>Static Level:</b>			42		
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>			ft		
<b>Rate UOM:</b>			GPM		
<b>Water State After Test Code:</b>			0		
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>			0		
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>			N		
<b><u>Water Details</u></b>					
<b>Water ID:</b>			1001955660		
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>			ft		
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>			1001955658		
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>			ft		
<b>Hole Diameter UOM:</b>			inch		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">20</a>	1 of 1	NE/206.1	299.9 / 15.18	lot 31 con 2 ON	WWIS

**Well ID:** 6917083  
**Construction Date:**  
**Primary Water Use:** Livestock  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 5/18/1984  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 1663  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** YORK  
**Municipality:** VAUGHAN TOWN (VAUGHAN TWP)  
**Site Info:**  
**Lot:** 031  
**Concession:** 02  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10507434  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** 0  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 24-NOV-83  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 298.04  
**Elevrc:**  
**Zone:** 17  
**East83:** 622434.6  
**North83:** 4862343  
**Org CS:**  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** p4

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932783206  
**Layer:** 2  
**Color:** 5  
**General Color:** YELLOW  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 1  
**Formation End Depth:** 17  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932783212

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		8			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>		06			
<b>Other Materials:</b>		SILT			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		208			
<b>Formation End Depth:</b>		262			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932783205			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932783208			
<b>Layer:</b>		4			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		28			
<b>Other Materials:</b>		SAND			
<b>Mat3:</b>		06			
<b>Other Materials:</b>		SILT			
<b>Formation Top Depth:</b>		21			
<b>Formation End Depth:</b>		86			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932783210			
<b>Layer:</b>		6			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>		06			
<b>Other Materials:</b>		SILT			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		149			
<b>Formation End Depth:</b>		201			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932783209  
**Layer:** 5  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 86  
**Formation End Depth:** 149  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932783207  
**Layer:** 3  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 17  
**Formation End Depth:** 21  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932783211  
**Layer:** 7  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 08  
**Most Common Material:** FINE SAND  
**Mat2:** 78  
**Other Materials:** MEDIUM-GRAINED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 201  
**Formation End Depth:** 208  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 966917083  
**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Pipe ID:</b>		11056004			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930820836			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		203			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933394811			
<b>Layer:</b>		1			
<b>Slot:</b>		008			
<b>Screen Top Depth:</b>		203			
<b>Screen End Depth:</b>		206			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		6			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996917083			
<b>Pump Set At:</b>					
<b>Static Level:</b>		94			
<b>Final Level After Pumping:</b>		193			
<b>Recommended Pump Depth:</b>		200			
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		3			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935145694			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		193			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		934000049			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth:		201			
Water Found Depth UOM:		ft			

<a href="#">21</a>	1 of 1	SW/231.6	293.0 / 8.33	lot 29 con 2 ON	WWIS
<b>Well ID:</b>		6906316	<b>Data Entry Status:</b>		
<b>Construction Date:</b>			<b>Data Src:</b> 1		
<b>Primary Water Use:</b>		Irrigation	<b>Date Received:</b> 3/11/1955		
<b>Sec. Water Use:</b>		0	<b>Selected Flag:</b> Yes		
<b>Final Well Status:</b>		Water Supply	<b>Abandonment Rec:</b>		
<b>Water Type:</b>			<b>Contractor:</b> 2636		
<b>Casing Material:</b>			<b>Form Version:</b> 1		
<b>Audit No:</b>			<b>Owner:</b>		
<b>Tag:</b>			<b>Street Name:</b>		
<b>Construction Method:</b>			<b>County:</b> YORK		
<b>Elevation (m):</b>			<b>Municipality:</b> VAUGHAN TOWN (VAUGHAN TWP)		
<b>Elevation Reliability:</b>			<b>Site Info:</b>		
<b>Depth to Bedrock:</b>			<b>Lot:</b> 029		
<b>Well Depth:</b>			<b>Concession:</b> 02		
<b>Overburden/Bedrock:</b>			<b>Concession Name:</b> CON		
<b>Pump Rate:</b>			<b>Easting NAD83:</b>		
<b>Static Water Level:</b>			<b>Northing NAD83:</b>		
<b>Flowing (Y/N):</b>			<b>Zone:</b>		
<b>Flow Rate:</b>			<b>UTM Reliability:</b>		
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	10497016	<b>Elevation:</b>	293.88
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	0	<b>East83:</b>	621128.6
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4861412
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	18-DEC-54	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932732999
<b>Layer:</b>	4
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	89
<b>Formation End Depth:</b>	99
<b>Formation End Depth UOM:</b>	ft



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932732996		
<b>Layer:</b>			1		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			18		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932732997		
<b>Layer:</b>			2		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			18		
<b>Formation End Depth:</b>			30		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932732998		
<b>Layer:</b>			3		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			30		
<b>Formation End Depth:</b>			89		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>			966906316		
<b>Method Construction Code:</b>			1		
<b>Method Construction:</b>			Cable Tool		
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>			11045586		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing No: 1  
 Comment:  
 Alt Name:

**Construction Record - Casing**

Casing ID: 930809376  
 Layer: 1  
 Material: 1  
 Open Hole or Material: STEEL  
 Depth From:  
 Depth To: 89  
 Casing Diameter: 6  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933388700  
 Layer: 1  
 Slot: 007  
 Screen Top Depth: 89  
 Screen End Depth: 99  
 Screen Material:  
 Screen Depth UOM: ft  
 Screen Diameter UOM: inch  
 Screen Diameter: 6

**Results of Well Yield Testing**

Pump Test ID: 996906316  
 Pump Set At:  
 Static Level: 45  
 Final Level After Pumping: 75  
 Recommended Pump Depth:  
 Pumping Rate: 300  
 Flowing Rate:  
 Recommended Pump Rate:  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 1  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 48  
 Pumping Duration MIN: 0  
 Flowing: N

**Water Details**

Water ID: 933989779  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 89  
 Water Found Depth UOM: ft

[22](#) 1 of 1 E/241.4 288.2 / 3.48 lot 55 con 1 ON WWIS

Well ID: 6906160 Data Entry Status:  
 Construction Date: Data Src: 1  
 Primary Water Use: Domestic Date Received: 4/1/1959

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			<b>Selected Flag:</b>	Yes
Final Well Status:	Water Supply			<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b>	4501
Casing Material:				<b>Form Version:</b>	1
Audit No:				<b>Owner:</b>	
Tag:				<b>Street Name:</b>	
Construction Method:				<b>County:</b>	YORK
Elevation (m):				<b>Municipality:</b>	RICHMOND HILL TOWN (VAUGHAN)
Elevation Reliability:				<b>Site Info:</b>	
Depth to Bedrock:				<b>Lot:</b>	055
Well Depth:				<b>Concession:</b>	01
Overburden/Bedrock:				<b>Concession Name:</b>	YS W
Pump Rate:				<b>Easting NAD83:</b>	
Static Water Level:				<b>Northing NAD83:</b>	
Flowing (Y/N):				<b>Zone:</b>	
Flow Rate:				<b>UTM Reliability:</b>	
Clear/Cloudy:					

#### Bore Hole Information

Bore Hole ID:	10496861	Elevation:	288.77
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	622853.6
Code OB Desc:	Overburden	North83:	4861958
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	25-APR-58	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	932732008
Layer:	4
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	150
Formation End Depth:	163
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932732006
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		80			
<b>Formation End Depth:</b>		120			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932732007			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		120			
<b>Formation End Depth:</b>		150			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932732005			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		80			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966906160			
<b>Method Construction Code:</b>		8			
<b>Method Construction:</b>		Jetting			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11045431			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930809218			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Depth From:</b>					
<b>Depth To:</b>		158			
<b>Casing Diameter:</b>		2			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933388598			
<b>Layer:</b>		1			
<b>Slot:</b>		006			
<b>Screen Top Depth:</b>		158			
<b>Screen End Depth:</b>		163			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		2			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996906160			
<b>Pump Set At:</b>					
<b>Static Level:</b>		113			
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		5			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		5			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933989649			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		150			
<b>Water Found Depth UOM:</b>		ft			

[23](#)

1 of 1

WSW/250.0

289.3 / 4.67

LAURENTIAN ROAD AT KIRBY AND DUFFERIN  
 SUBDIVISION<UNOFFICIAL>  
 Vaughan ON

SPL

**Ref No:** 3800-67YRSB  
**Site No:**  
**Incident Dt:** 12/24/2004  
**Year:**  
**Incident Cause:** Pipe Or Hose Leak  
**Incident Event:**  
**Contaminant Code:** 44  
**Contaminant Name:** SEWAGE,RAW UNCHLORINATED  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated

**Discharger Report:**  
**Material Group:** Waste  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Pipeline  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** York-Durham  
**Site Postal Code:**  
**Site Region:** Central  
**Site Municipality:** Vaughan



# Unplottable Summary

Total: **61** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 30 Con 2	Vaughan ON	
CA	Maplewood Ravines	Dufferub Street & Kirby Road	Vaughan ON	
CA	MAPLEWOOD VILLAGES LTD.	LOT 30, CON.3/KIRBY ROAD	VAUGHAN CITY ON	
CA	Maplewood Villages Subdivision (19T- 990V5)	Part of Lot 30, Concession 3	Vaughan ON	
CA	PETRO-CANADA PRODUCTS-PT.LOTS 1&2/RP 167	BATHURST ST./STM-WATER MGT.	VAUGHAN CITY ON	
CA	LANDAWN SHOPPING CENTRES LTD.	PARKING LOT N.E. OF BATHURST	VAUGHAN TOWN ON	
CA	PETRO-CANADA PRODUCTS-PT.LOTS 1&2/RP 167	BATHURST ST./STM-WATER MGT.	VAUGHAN CITY ON	
CA	MAPLEWOOD VILLAGES LTD.	LOT 30,CON.3/ST.B/KIRBY RD.	VAUGHAN CITY ON	
CA	MAPLEWOOD RAVINES LTD.	LOT 30,CON.3/ST.B/KIRBY RD.	VAUGHAN CITY ON	
CA	WYCLIFFE ELGIN WEST LIMITED	WESTBURY COURT, PT.LOT 55/C-1	RICHMOND HILL TOWN ON	
CA	WYCLIFFE ELGIN WEST LIMITED	SWM-LOT 55,C.1/GAMBLE RD.	RICHMOND HILL TOWN ON	
CA	Crossmar Subdivision	Part of Lots 56, 57, and 58, Concession 1	Richmond Hill ON	
CA		Part of lots 56, 57, and 58, concession 1, EYS	Richmond Hill ON	
CA	REG. MUNICIPALITY OF YORK	BATHURST ST., JEFFERSON P.S.	RICHMOND HILL TOWN ON	
CA	BAIF DEVELOPMENTS LTD. - ELGIN WEST SUBD	BATHURST ST/N. OF ROAD A	RICHMOND HILL TOWN ON	
CA	BAIF DEVELOPMENTS LTD.	ROAD 'A'/BATHURST ST.	RICHMOND HILL TOWN ON	
CA	BAIF DEVELOPMENTS LIMITED	STREET A BATHURST ST.	RICHMOND HILL TOWN ON	

CA	R.M. OF YORK - BATHURST ST.	BATHURST ST. PRESSURE DIST. 8	RICHMOND HILL TOWN ON
CA	RICHMOND HILL TOWN OAK RIDGES WATERMAIN	BATHURST STREET	RICHMOND HILL TOWN ON
CA	RICHMOND HILL TOWN	BATHURST ST. GROUND STOR. RES.	RICHMOND HILL TOWN ON
CA	BAIF DEVELOPMENTS LTD.	CROSSING ROAD 'A' BATHURST ST.	RICHMOND HILL TOWN ON
CA	Duke of Richmond Developments Inc.	Part of Lots 56, 57, 58 & 59, Concession 1	Richmond Hill ON
CA	Wycliff Elgin West Subdivision - Phase II	Part of Lot 55, Concession 1	Richmond Hill ON
CA	VAUGHAN TOWN SEE 3-1500-88-006	DUFFERIN STREET	VAUGHAN TOWN ON
CA	M.I. REALTY CORP. MAGNA INDUST. CAMPUS	DUFFERIN ST.	VAUGHAN TOWN ON
CA	VAUGHAN TOWN CORPORATION	DUFFERIN STREET, CONCORD	VAUGHAN TOWN ON
CA	VAUGHAN TOWN CORPORATION	DUFFERIN ST., CONCORD	VAUGHAN TOWN ON
CA	Maplewood Villages Subdivision (19T- 99V05)	Part of Lot 30, Concession 3	Vaughan ON
CA	BAIF DEVELOPMENTS LIMITED	STREET A DUFFERIN ST.	VAUGHAN TOWN ON
CA	BAIF DEVELOPMENTS LIMITED	STREET A DUFFERIN ST.	VAUGHAN TOWN ON
CA	GRAYWOOD DEVELOPMENTS LTD.	STREET A BATHURST ST.	VAUGHAN TOWN ON
CA	PERLS' MEAT PRODUCTS LTD.	BATHURST ST.	VAUGHAN ON
CA	Maplewood Villages Subdivision (19T- 99V05)	Part of Lot 30, Concession 3	Vaughan ON
CA	GRAYWOOD DEVELOPMENTS LTD.	STREET A BATHURST ST.	VAUGHAN TOWN ON
CA	MAPLEWOOD RAVINES LTD.	PT.LOTS 29&30/CONC. 3,SEW, P.S	VAUGHAN CITY ON
CA		Part of Lots 29 & 30, Concession 3	Vaughan ON
CA	DUFFERIN BUSINESS CENTRE INC.	DUFFERIN ST. DUFFERIN BUS. CTR	YORK CITY ON
CA	DUFFERIN BUSINESS CENTRE INC.	DUFFERIN ST. DUFFERIN BUS. CTR	YORK CITY ON



CA	Wycliff Elgin West Subdivision - Phase II	Part of Lot 55, Concession 1	Richmond Hill ON	
CA	Duke of Richmond Developments Inc.	Part of Lots 56, 57, 58 & 59, Concession 1	Richmond Hill ON	
CA	Don Valley North Lexus	Part of Lot 56, Concession 1	Richmond Hill ON	
CA	Duke of Richmond Developments Inc.	Part of Lot 56, Concession 1	Richmond Hill ON	
CA	Crossmar Subdivision	Part of Lots 56, 57, and 58, Concession 1	Richmond Hill ON	
CA	Wycliff Elgin West Subdivision - Phase II	Part of Lot 55, Concession 1	Richmond Hill ON	
CA	CITY	DUFFERIN ST.	YORK, NORTH ON	
ECA	Baif Developments Limited	East of Bathurst Street and South of Gamble Road	Richmond Hill ON	M3K 1N4
ECA	The Regional Municipality of York	East of Bathurst Street and South of Gamble Road	Richmond Hill ON	L3Y 6Z1
ECA	956881 Ontario Inc.	Part of Lots 28 and 29	Richmond Hill ON	L3T 7T1
ECA	The Regional Municipality of York	East of Bathurst Street and South of Gamble Road	Richmond Hill ON	
ECA	Baif Developments Limited	East of Bathurst Street and South of Gamble Road	Richmond Hill ON	M3K 1N4
SPL		200M North of King Vaughan Road on Dufferin Street	Vaughan ON	
SPL	Draglam Waste & Recycling Inc.	Dufferin St just S of Clark	Vaughan ON	
SPL	York Region Transit	Bathurst Street, 3 lights south of the 407	Vaughan ON	
SPL	The Corporation of the City of Vaughan	Laurentian Rd.	Vaughan ON	
SPL	The Corporation of the City of Vaughan	Laurentian Blvd - near Dufferin and Kirby	Vaughan ON	
SPL		TRIBUTARY OF EAST GERMAN MILLS CREEK LOCATED SOUTH END OF GAMBLE RD, WEST OF BATHURSTST. OFF GAMBLE RD. <UNOFFICIAL>	Richmond Hill ON	
SPL	FIRE DEPARTMENT	KIRBY RD MOTOR VEHICLE (OPERATING FLUID)	VAUGHAN CITY ON	
WWIS		con 1	ON	
WWIS			Richmond Hill ON	

WWIS

con 1

ON

WWIS

con 1

ON

# Unplottable Report

---

**Site:** *Lot 30 Con 2 Vaughan ON* **Database:** *AAGR*

**Type:** Pit  
**Region/County:** York  
**Township:** Vaughan  
**Concession:** 2  
**Lot:** 30  
**Size (ha):** 18  
**Landuse:**  
**Comments:** Oak Ridges Moraine

---

**Site:** *Maplewood Ravines  
Dufferin Street & Kirby Road Vaughan ON* **Database:** *CA*

**Certificate #:** 3-1189-97-006  
**Application Year:** 02  
**Issue Date:** 2/27/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** Notice  
**Client Name:** Maplewood Ravines Ltd.  
**Client Address:** 151 Spinnaker Way  
**Client City:** Vaughan  
**Client Postal Code:** L4K 4C3  
**Project Description:** This application is for an upgrade to a sewage pump station.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *MAPLEWOOD VILLAGES LTD.  
LOT 30, CON.3/KIRBY ROAD VAUGHAN CITY ON* **Database:** *CA*

**Certificate #:** 7-1282-97-  
**Application Year:** 97  
**Issue Date:** 12/16/1997  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Maplewood Villages Subdivision (19T- 990V5)  
Part of Lot 30, Concession 3 Vaughan ON* **Database:** *CA*

**Certificate #:** 0832-4ULJLQ  
**Application Year:** 01  
**Issue Date:** 3/14/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** Amended CofA

---

**Client Name:** Maplewood Villages Ltd.  
**Client Address:** 151 Spinnaker Way, Unit 8  
**Client City:** Vaughan  
**Client Postal Code:** L4K 4C3  
**Project Description:** Modification of a stormwater extended detention pond to service the Maplewood Villages Subdivision (19T-990V5)  
**Contaminants:**  
**Emission Control:**

---

**Site:** **PETRO-CANADA PRODUCTS-PT.LOTS 1&2/RP 167**  
**BATHURST ST./STM-WATER MGT. VAUGHAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1383-91-  
**Application Year:** 91  
**Issue Date:** 2/4/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved in 1992  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **LANDAWN SHOPPING CENTRES LTD.**  
**PARKING LOT N.E. OF BATHURST VAUGHAN TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-1373-87-  
**Application Year:** 87  
**Issue Date:** 6/12/1990  
**Approval Type:** Municipal water  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **PETRO-CANADA PRODUCTS-PT.LOTS 1&2/RP 167**  
**BATHURST ST./STM-WATER MGT. VAUGHAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1382-91-  
**Application Year:** 91  
**Issue Date:** 3/26/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved in 1992  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **MAPLEWOOD VILLAGES LTD.**  
**LOT 30,CON.3/ST.B/KIRBY RD. VAUGHAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1777-97-  
**Application Year:** 97  
**Issue Date:** 12/16/1997  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **MAPLEWOOD RAVINES LTD.**  
**LOT 30,CON.3/ST.B/KIRBY RD. VAUGHAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 7-1281-97-  
**Application Year:** 97  
**Issue Date:** 12/5/1997  
**Approval Type:** Municipal water  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **WYCLIFFE ELGIN WEST LIMITED**  
**WESTBURY COURT, PT.LOT 55/C-1 RICHMOND HILL TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-0631-99-  
**Application Year:** 99  
**Issue Date:** 7/5/1999  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **WYCLIFFE ELGIN WEST LIMITED**  
**SWM-LOT 55,C.1/GAMBLE RD. RICHMOND HILL TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-0642-97-  
**Application Year:** 97  
**Issue Date:** 6/16/1997  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Crossmar Subdivision  
Part of Lots 56, 57, and 58, Concession 1 Richmond Hill ON*

**Database:**  
*CA*

**Certificate #:** 0469-4ZTL8P  
**Application Year:** 01  
**Issue Date:** 8/24/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1282112 Ontario Limited  
**Client Address:** 3625 Dufferin Street  
**Client City:** Toronto  
**Client Postal Code:** M3K 1N4  
**Project Description:** Construction of watermains on Yonge Street, Jefferson Forest Drive, Arden Valley Street, Shadow Falls Drive, Raven Edge Drive, Misty Well Drive, Wolf Trail Crescent, Lauren Beth Drive, Marble Bridge Drive, Hunting Ridges Drive, Wings View Gate, Bush Ridges Avenue, Heathmont Court Watermain Easement (Shadow Falls Drive to approximately 285 meters south to 19th Avenue) and Park Block 508.

**Contaminants:**  
**Emission Control:**

---

**Site:** *Part of lots 56, 57, and 58, concession 1, EYS Richmond Hill ON*

**Database:**  
*CA*

**Certificate #:** 1878-524KCF  
**Application Year:** 01  
**Issue Date:** 9/6/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1282112 Ontario Limited  
**Client Address:** 3625 Dufferin Street  
**Client City:** Toronto  
**Client Postal Code:** M3K 1N4  
**Project Description:** Crossmar Subdivision Stormwater Management Pond  
**Contaminants:**  
**Emission Control:**

---

**Site:** *REG. MUNICIPALITY OF YORK  
BATHURST ST., JEFFERSON P.S. RICHMOND HILL TOWN ON*

**Database:**  
*CA*

**Certificate #:** 8-3380-96-  
**Application Year:** 96  
**Issue Date:** 2/28/1997  
**Approval Type:** Industrial air  
**Status:** Underwent 1st revision in 97  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** 600 KW STANDBY GENERATOR FOR PUMP STA.  
**Contaminants:** Sound  
**Emission Control:** Muffler

---

**Site:** *BAIF DEVELOPMENTS LTD. - ELGIN WEST SUBD  
BATHURST ST/N. OF ROAD A RICHMOND HILL TOWN ON*

**Database:**  
*CA*

**Certificate #:** 7-1653-90-  
**Application Year:** 90  
**Issue Date:** 11/15/1990  
**Approval Type:** Municipal water  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **BAIF DEVELOPMENTS LTD.**  
**ROAD 'A'/BATHURST ST. RICHMOND HILL TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-1009-89-  
**Application Year:** 89  
**Issue Date:** 3/29/1990  
**Approval Type:** Municipal water  
**Status:** Approved in 1990  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **BAIF DEVELOPMENTS LIMITED**  
**STREET A BATHURST ST. RICHMOND HILL TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-1759-87-  
**Application Year:** 87  
**Issue Date:** 11/4/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **R.M. OF YORK - BATHURST ST.**  
**BATHURST ST. PRESSURE DIST. 8 RICHMOND HILL TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-1702-89-  
**Application Year:** 89  
**Issue Date:** 10/20/1989  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **RICHMOND HILL TOWN OAK RIDGES WATERMAIN**  
**BATHURST STREET RICHMOND HILL TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-0375-88-  
**Application Year:** 88  
**Issue Date:** 3/30/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** RICHMOND HILL TOWN  
BATHURST ST. GROUND STOR. RES. RICHMOND HILL TOWN ON

**Database:**  
CA

**Certificate #:** 7-1038-93-  
**Application Year:** 93  
**Issue Date:** 12/2/1993  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** BAIF DEVELOPMENTS LTD.  
CROSSING ROAD 'A' BATHURST ST. RICHMOND HILL TOWN ON

**Database:**  
CA

**Certificate #:** 3-1186-89-  
**Application Year:** 89  
**Issue Date:** 3/29/1990  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Duke of Richmond Developments Inc.  
Part of Lots 56, 57, 58 & 59, Concession 1 Richmond Hill ON

**Database:**  
CA

**Certificate #:** 9747-5TDS4H  
**Application Year:** 2003  
**Issue Date:** 11/19/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**



**Emission Control:**

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**Site:** **Wycliff Elgin West Subdivision - Phase II**  
**Part of Lot 55, Concession 1 Richmond Hill ON**

**Database:**  
**CA**

**Certificate #:** 1080-4PSKPH  
**Application Year:** 00  
**Issue Date:** 10/4/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Wycliffe Elgin West Limited  
**Client Address:** 34 Doncaster Avenue, Suite #201  
**Client City:** Thornhill  
**Client Postal Code:** L3T 1L3  
**Project Description:** This application is for the installation of watermains on Alamo Heights Drive, from approximately 40 metres south of Brackenwood Avenue to approximately 70 metres north of Brackenwood Avenue.  
**Contaminants:**  
**Emission Control:**

---

**Site:** **VAUGHAN TOWN SEE 3-1500-88-006**  
**DUFFERIN STREET VAUGHAN TOWN ON**

**Database:**  
**CA**

**Certificate #:** 3-1703-88-  
**Application Year:** 88  
**Issue Date:** 6/12/1990  
**Approval Type:** Municipal sewage  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **M.I. REALTY CORP. MAGNA INDUST. CAMPUS**  
**DUFFERIN ST. VAUGHAN TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-0184-86-  
**Application Year:** 86  
**Issue Date:** 4/15/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **VAUGHAN TOWN CORPORATION**  
**DUFFERIN STREET, CONCORD VAUGHAN TOWN ON**

**Database:**  
**CA**

**Certificate #:** 7-1285-88-  
**Application Year:** 88  
**Issue Date:** 11/3/1988  
**Approval Type:** Municipal water  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** VAUGHAN TOWN CORPORATION  
DUFFERIN ST., CONCORD VAUGHAN TOWN ON

**Database:**  
CA

**Certificate #:** 3-1500-88-  
**Application Year:** 88  
**Issue Date:** 11/3/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Maplewood Villages Subdivision (19T- 99V05)  
Part of Lot 30, Concession 3 Vaughan ON

**Database:**  
CA

**Certificate #:** 1627-4U7MWG  
**Application Year:** 01  
**Issue Date:** 3/2/01  
**Approval Type:** Municipal & Private water  
**Status:** Approved

**Application Type:** New Certificate of Approval  
**Client Name:** Maplewood Villages Ltd.  
**Client Address:** 151 Spinnaker Way, Unit 8  
**Client City:** Vaughan  
**Client Postal Code:** L4K 4C3  
**Project Description:** Watermains to be constructed South-East of Keele Street and Kirby Road to serve Maplewood Villages Subdivision  
**Contaminants:**  
**Emission Control:**

---

**Site:** BAIF DEVELOPMENTS LIMITED  
STREET A DUFFERIN ST. VAUGHAN TOWN ON

**Database:**  
CA

**Certificate #:** 7-0583-88-  
**Application Year:** 88  
**Issue Date:** 10/21/1988  
**Approval Type:** Municipal water  
**Status:** Revised

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** BAIF DEVELOPMENTS LIMITED  
STREET A DUFFERIN ST. VAUGHAN TOWN ON

**Database:**  
CA

**Certificate #:** 3-0659-88-  
**Application Year:** 88  
**Issue Date:** 10/21/1988  
**Approval Type:** Municipal sewage  
**Status:** Revised  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** GRAYWOOD DEVELOPMENTS LTD.  
STREET A BATHURST ST. VAUGHAN TOWN ON

**Database:**  
CA

**Certificate #:** 3-1387-88-  
**Application Year:** 88  
**Issue Date:** 8/5/1988  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** PERLS' MEAT PRODUCTS LTD.  
BATHURST ST. VAUGHAN ON

**Database:**  
CA

**Certificate #:** 7-0325-85-006  
**Application Year:** 85  
**Issue Date:** 6/21/85  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Maplewood Villages Subdivision (19T- 99V05)  
Part of Lot 30, Concession 3 Vaughan ON

**Database:**  
CA

**Certificate #:** 0424-4U8JF8  
**Application Year:** 01  
**Issue Date:** 3/2/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Maplewood Villages Ltd.  
**Client Address:** 151 Spinnaker Way, Unit 8  
**Client City:** Vaughan  
**Client Postal Code:** L4K 4C3  
**Project Description:** Sanitary and storm sewers to be constructed South East of Keele Street and Klrby Road to serve Maplewood Villages Subdivision

**Contaminants:**  
**Emission Control:**

---

**Site:** GRAYWOOD DEVELOPMENTS LTD.  
STREET A BATHURST ST. VAUGHAN TOWN ON

**Database:**  
CA

**Certificate #:** 7-1188-88-  
**Application Year:** 88  
**Issue Date:** 8/5/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** MAPLEWOOD RAVINES LTD.  
PT.LOTS 29&30/CONC. 3,SEW, P.S VAUGHAN CITY ON

**Database:**  
CA

**Certificate #:** 8-3462-97-  
**Application Year:** 97  
**Issue Date:** 12/9/1997  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** EMERGENCY POWER FOR SEWAGE P.S.  
**Contaminants:** Nitrogen Oxides, Sound  
**Emission Control:** Muffler

---

**Site:** Part of Lots 29 & 30, Concession 3 Vaughan ON

**Database:**  
CA

**Certificate #:** 3-1201-97-006  
**Application Year:** 02  
**Issue Date:** 5/15/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** Notice  
**Client Name:** Maplewood Ravines Ltd.  
**Client Address:** 4250 Weston Road, Suite 208  
**Client City:** Toronto  
**Client Postal Code:** M9L 1W9  
**Project Description:** Storm sewer and appurtenances to be constructed to serve Ravines of Maplewood Subdivision  
**Contaminants:**  
**Emission Control:**

---

**Site:** DUFFERIN BUSINESS CENTRE INC.  
DUFFERIN ST. DUFFERIN BUS. CTR YORK CITY ON

**Database:**  
CA

**Certificate #:** 7-0144-87-  
**Application Year:** 87  
**Issue Date:** 3/20/1987  
**Approval Type:** Municipal water  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *DUFFERIN BUSINESS CENTRE INC.  
DUFFERIN ST. DUFFERIN BUS. CTR YORK CITY ON*

**Database:**  
*CA*

**Certificate #:** 3-0179-87-  
**Application Year:** 87  
**Issue Date:** 3/20/1987  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Wycliff Elgin West Subdivision - Phase II  
Part of Lot 55, Concession 1 Richmond Hill ON*

**Database:**  
*CA*

**Certificate #:** 2444-4PSJSU  
**Application Year:** 00  
**Issue Date:** 10/4/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Wycliffe Elgin West Limited  
**Client Address:** 34 Doncaster Avenue, Suite #201  
**Client City:** Thornhill  
**Client Postal Code:** L3T 1L3  
**Project Description:** This application is for the installation of sanitary sewers on Alamo Heights Drive, from Idyllwood Avenue to approximately 45 metres north of Idyllwood Avenue.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Duke of Richmond Developments Inc.  
Part of Lots 56, 57, 58 & 59, Concession 1 Richmond Hill ON*

**Database:**  
*CA*

**Certificate #:** 5898-62WGPN  
**Application Year:** 2005  
**Issue Date:** 2/11/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Don Valley North Lexus*

**Database:**  
*CA*

**Part of Lot 56, Concession 1 Richmond Hill ON**

**Certificate #:** 0716-4YBTQ8  
**Application Year:** 01  
**Issue Date:** 7/18/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Don Valley North Toyota Limited  
**Client Address:** 3120 Steels Avenue East  
**Client City:** Markham  
**Client Postal Code:** L3R 1G9  
**Project Description:** Stormwater management facility to be constructed to provide quantity and quality control for a commercial development  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Duke of Richmond Developments Inc.**  
**Part of Lot 56, Concession 1 Richmond Hill ON**

**Database:**  
**CA**

**Certificate #:** 1662-5NSJ78  
**Application Year:** 2003  
**Issue Date:** 6/25/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Crossmar Subdivision**  
**Part of Lots 56, 57, and 58, Concession 1 Richmond Hill ON**

**Database:**  
**CA**

**Certificate #:** 3443-4ZTLE9  
**Application Year:** 01  
**Issue Date:** 10/1/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** 1282112 Ontario Limited  
**Client Address:** 3625 Dufferin Street  
**Client City:** Toronto  
**Client Postal Code:** M3K 1N4  
**Project Description:** Storm sewers, sanitary sewers and foundation drain collectors to be constructed on Shadow Falls Drive. Storm and sanitary sewers to be constructed on Jefferson Forest Drive, Arden Valley Street, Ravine Edge Drive, Misty Well Drive, Wolf Trail Crescent, Lauren Beth Drive, Marble Bridges Drive, Hunting Ridges Drive, Wings View Gate, and Park Block 508. Sanitary sewers to be constructed on Heathmount Court, Easement (Heathmount Court to 19th Avenue), 19th Avenue, and Block 507. Storm sewers to be constructed on Block 502 and 507.  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Wycliff Elgin West Subdivision - Phase II**  
**Part of Lot 55, Concession 1 Richmond Hill ON**

**Database:**  
**CA**

**Certificate #:** 2318-4TZQBX  
**Application Year:** 01  
**Issue Date:** 3/5/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval

**Client Name:** Wycliffe Elgin West Limited  
**Client Address:** 34 Doncaster Avenue, Suite #201  
**Client City:** Thornhill  
**Client Postal Code:** L3T 1L3  
**Project Description:** Construction of storm sewers and a stormwater management facility  
**Contaminants:**  
**Emission Control:**

---

**Site:** CITY  
DUFFERIN ST. YORK, NORTH ON

**Database:**  
CA

**Certificate #:** 3-0425-85-006  
**Application Year:** 85  
**Issue Date:** 7/2/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Baif Developments Limited  
East of Bathurst Street and South of Gamble Road Richmond Hill ON M3K 1N4

**Database:**  
ECA

**Approval No:** 0641-7VFQP2  
**Approval Date:** 2009-09-01  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** East of Bathurst Street and South of Gamble Road  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** The Regional Municipality of York  
East of Bathurst Street and South of Gamble Road Richmond Hill ON L3Y 6Z1

**Database:**  
ECA

**Approval No:** 7263-63AP3E  
**Approval Date:** 2004-07-29  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** East of Bathurst Street and South of Gamble Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9657-623MP3-14.pdf>

**MOE District:**  
**City:** Richmond Hill  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** 956881 Ontario Inc.  
Part of Lots 28 and 29 Richmond Hill ON L3T 7T1

**Database:**  
ECA

**Approval No:** 7041-4WQQX2  
**Approval Date:** 2001-05-18  
**Status:** Approved  
**Record Type:** ECA

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**

**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Part of Lots 28 and 29  
**Full Address:**  
**Full PDF Link:**

**Geometry X:**  
**Geometry Y:**

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**Site:** *The Regional Municipality of York*  
*East of Bathurst Street and South of Gamble Road Richmond Hill ON*

**Database:**  
[ECA](#)

**Approval No:** 4697-64GS5F  
**Approval Date:** 2004-09-08  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** East of Bathurst Street and South of Gamble Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1754-64FPXX-14.pdf>

**MOE District:**  
**City:** Richmond Hill  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** *Baif Developments Limited*  
*East of Bathurst Street and South of Gamble Road Richmond Hill ON M3K 1N4*

**Database:**  
[ECA](#)

**Approval No:** 2695-7VFQFC  
**Approval Date:** 2009-09-01  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** East of Bathurst Street and South of Gamble Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6777-7VCKL8-14.pdf>

**MOE District:**  
**City:** Richmond Hill  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** *200M North of King Vaughan Road on Dufferin Street Vaughan ON*

**Database:**  
[SPL](#)

**Ref No:** 0376-A9ZQ92  
**Site No:** NA  
**Incident Dt:** 2016/05/16  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 15  
**Contaminant Name:** HYDRAULIC OIL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:** Land  
**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2016/05/16  
**Dt Document Closed:** 2016/06/22  
**Incident Reason:** Unknown / N/A  
**Site Name:** Construction Site<UNOFFICIAL>  
**Site County/District:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Unknown / N/A  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** 200M North of King Vaughan Road on Dufferin Street  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Vaughan  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Land Spills  
**Source Type:**



**Site Geo Ref Meth:**  
**Incident Summary:** Tri-axle rollover 20L hydraulic fluid to ground, cleaning.  
**Contaminant Qty:** 20 L

**Site:** *Draglam Waste & Recycling Inc.  
Dufferin St just S of Clark Vaughan ON*

**Database:**  
*SPL*

<b>Ref No:</b>	2537-956HAK	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	22-FEB-13	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	Collision/Accident	<b>Sector Type:</b>	Motor Vehicle
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13	<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL	<b>Site Address:</b>	Dufferin St just S of Clark
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	Confirmed	<b>Site Municipality:</b>	Vaughan
<b>Nature of Impact:</b>	Other Impact(s); Soil Contamination	<b>Site Lot:</b>	
<b>Receiving Medium:</b>		<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Nothing:</b>	
<b>MOE Response:</b>	No Field Response	<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	22-FEB-13	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Operator/Human Error	<b>Source Type:</b>	
<b>Site Name:</b>	hydro pole<UNOFFICIAL>		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	Draglam Waste: truck struck hydro pole, 100L diesel to grnd		
<b>Contaminant Qty:</b>	100 L		

**Site:** *York Region Transit  
Bathurst Street, 3 lights south of the 407 Vaughan ON*

**Database:**  
*SPL*

<b>Ref No:</b>	2120-8MCHYX	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	10/5/2011	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	Pipe Or Hose Leak	<b>Sector Type:</b>	Motor Vehicle
<b>Incident Event:</b>		<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	27	<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	COOLANT N.O.S.	<b>Site Address:</b>	Bathurst Street, 3 lights south of the 407
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated	<b>Site Municipality:</b>	Vaughan
<b>Nature of Impact:</b>		<b>Site Lot:</b>	
<b>Receiving Medium:</b>		<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Nothing:</b>	
<b>MOE Response:</b>	No Field Response	<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/5/2011	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Spill	<b>Source Type:</b>	
<b>Site Name:</b>	Southbound Lane<UNOFFICIAL>		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	Vaughan: 15L coolant spill to roadway, contained		
<b>Contaminant Qty:</b>	15 L		

**Site:** *The Corporation of the City of Vaughan  
Laurentian Rd. Vaughan ON*

**Database:**  
*SPL*

**Ref No:** 2611-84ZJ6N  
**Site No:**  
**Incident Dt:**  
**Year:**  
**Incident Cause:** Other Discharges  
**Incident Event:**  
**Contaminant Code:** 44  
**Contaminant Name:** SEWAGE,RAW UNCHLORINATED  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No Field Response  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 4/30/2010  
**Dt Document Closed:**  
**Incident Reason:** Equipment Failure - Malfunction of system components  
**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Sewage Treatment  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:**  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Sewage Bypasses / Overflows  
**Source Type:**  
**Site Name:** Maplewood Lift Station<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Maplewood Lift Station: raw sewage to pit  
**Contaminant Qty:** 757 L

**Site:** *The Corporation of the City of Vaughan  
 Laurentian Blvd - near Dufferin and Kirby Vaughan ON*

**Database:**  
 SPL

**Ref No:** 3880-8EVLK5  
**Site No:**  
**Incident Dt:** 3/12/2011  
**Year:**  
**Incident Cause:** Overflow (Tanks Lagoons)  
**Incident Event:**  
**Contaminant Code:** 44  
**Contaminant Name:** SEWAGE,RAW UNCHLORINATED  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:** Sewage - Municipal/Private and Commercial  
**Receiving Env:**  
**MOE Response:** Planned Field Response  
**Dt MOE Arvl on Scn:** 3/14/2011  
**MOE Reported Dt:** 3/12/2011  
**Dt Document Closed:**  
**Incident Reason:** Other - Reason not otherwise defined  
**Site Name:** Maplewood Sewage Pumping Station<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Vaughan: Maplewood PS overflow, contained  
**Contaminant Qty:** 66750 L  
**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Other  
**Agency Involved:**  
**Nearest Watercourse:** Laurentian Blvd - near Dufferin and Kirby  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Vaughan  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Watercourse Spills  
**Source Type:**

**Site:** *TRIBUTARY OF EAST GERMAN MILLS CREEK LOCATED SOUTH END OF GAMBLE RD, WEST OF BATHURSTST.  
 OFF GAMBLE RD. <UNOFFICIAL> Richmond Hill ON*

**Database:**  
 SPL

**Ref No:** 7527-67VUWX  
**Site No:**  
**Incident Dt:** 12/21/2004  
**Year:**  
**Incident Cause:** Discharge Or Bypass To A Watercourse  
**Discharger Report:**  
**Material Group:** Waste  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Other Plant - Sewage Municipal

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:** SEWAGE  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Possible  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:** Water  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 12/21/2004  
**Dt Document Closed:**  
**Incident Reason:** Weather  
**Site Name:** TRIBUTARY OF EAST GERMAN MILLS CREEK LOCATED SOUTH END OF GAMBLE RD,  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** URS Canada sanitary sewage to creek  
**Contaminant Qty:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** York-Durham  
**Site Postal Code:**  
**Site Region:** Central  
**Site Municipality:** Richmond Hill  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** FIRE DEPARTMENT  
 KIRBY RD MOTOR VEHICLE (OPERATING FLUID) VAUGHAN CITY ON

**Database:**  
 SPL

**Ref No:** 88860  
**Site No:**  
**Incident Dt:** 7/24/1993  
**Year:**  
**Incident Cause:** OTHER TRANSPORTATION ACCIDENT  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** CONFIRMED  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/24/1993  
**Dt Document Closed:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** VAUGHAN F.D: 40 L DIESEL FUEL FROM FUEL TANK ONTO GRAVEL SHOULDER OF ROAD.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 27101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:**  
 con 1 ON

**Database:**  
 WWIS

**Well ID:** 6924787  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 187550  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 2/18/1999  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 1660  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** YORK  
**Municipality:** RICHMOND HILL TOWN (KING)  
**Site Info:**  
**Lot:**

Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Concession: 01  
Concession Name: YS W  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10515065  
DP2BR: 4  
Spatial Status:  
Code OB: v  
Code OB Desc: Overburden below Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 27-FEB-98  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 932825189  
Layer: 3  
Color:  
General Color:  
Mat1: 21  
Most Common Material: GRANITE  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 10  
Formation End Depth: 15  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 932825187  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 01  
Other Materials: FILL  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 4  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 932825188  
Layer: 2

**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 4  
**Formation End Depth:** 10  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932825194  
**Layer:** 8  
**Color:**  
**General Color:**  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 40  
**Formation End Depth:** 43  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932825191  
**Layer:** 5  
**Color:**  
**General Color:**  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 60  
**Other Materials:** CEMENTED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 29  
**Formation End Depth:** 30  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932825190  
**Layer:** 4  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 15  
**Formation End Depth:** 29  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932825193  
**Layer:** 7  
**Color:**  
**General Color:**  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 15  
**Other Materials:** LIMESTONE  
**Mat3:** 21  
**Other Materials:** GRANITE  
**Formation Top Depth:** 34  
**Formation End Depth:** 40  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932825192  
**Layer:** 6  
**Color:**  
**General Color:**  
**Mat1:** 21  
**Most Common Material:** GRANITE  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 30  
**Formation End Depth:** 34  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 966924787  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11063635  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

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**Site:** Richmond Hill ON

**Database:**  
WWIS

**Well ID:** 7145303  
**Construction Date:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z109743  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 5/21/2010  
**Selected Flag:** Yes  
**Abandonment Rec:** Yes  
**Contractor:** 7247  
**Form Version:** 7  
**Owner:**  
**Street Name:** BATHURST ST.  
**County:** YORK  
**Municipality:** RICHMOND HILL TOWN  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**

Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 1002984669  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 13-APR-10  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone:  
East83:  
North83:  
Org CS: UTM83  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: wwr

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 1003184039  
Layer: 1  
Plug From: 0  
Plug To: 7  
Plug Depth UOM: m

**Method of Construction & Well  
Use**

Method Construction ID: 1003184043  
Method Construction Code:  
Method Construction:  
Other Method Construction:

**Pipe Information**

Pipe ID: 1003184036  
Casing No: 0  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 1003184041  
Layer:  
Material:  
Open Hole or Material:  
Depth From:  
Depth To:  
Casing Diameter:  
Casing Diameter UOM: cm  
Casing Depth UOM: m

**Construction Record - Screen**

Screen ID: 1003184042  
Layer:  
Slot:

Screen Top Depth:  
Screen End Depth:  
Screen Material:  
Screen Depth UOM: m  
Screen Diameter UOM: cm  
Screen Diameter:

**Water Details**

Water ID: 1003184040  
Layer: 1  
Kind Code: 8  
Kind: Untested  
Water Found Depth:  
Water Found Depth UOM: m

**Hole Diameter**

Hole ID: 1003184038  
Diameter:  
Depth From: 0  
Depth To: 7  
Hole Depth UOM: m  
Hole Diameter UOM: cm

**Site:**  
con 1 ON

**Database:**  
WWIS

Well ID: 6925762  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 224253  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 3/22/2001  
Selected Flag: Yes  
Abandonment Rec:  
Contractor: 3406  
Form Version: 1  
Owner:  
Street Name:  
County: YORK  
Municipality: RICHMOND HILL TOWN (KING)  
Site Info:  
Lot:  
Concession: 01  
Concession Name: YS W  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10516040  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 09-OCT-00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na



**Method of Construction & Well Use**

**Method Construction ID:** 966925762  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11064610  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** con 1 ON

**Database:**  
**WWIS**

<b>Well ID:</b>	6925700	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Not Used	<b>Date Received:</b>	1/29/2001
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Abandoned-Other	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	1663
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>	220150	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	YORK
<b>Elevation (m):</b>		<b>Municipality:</b>	RICHMOND HILL TOWN (MARKHAM)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	01
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	YS E
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10515978	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	—	<b>East83:</b>	
<b>Code OB Desc:</b>	No formation data	<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	01-DEC-00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933219116  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 4

**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933219117  
**Layer:** 2  
**Plug From:** 4  
**Plug To:** 9  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933219118  
**Layer:** 3  
**Plug From:** 9  
**Plug To:** 13  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 966925700  
**Method Construction Code:** A  
**Method Construction:** Digging  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11064548  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2018**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jan 31, 2019**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2014**

## **Certificates of Approval:**

Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Commercial Fuel Oil Tanks:**

Provincial **CFOT**

List of commercial underground fuel oil tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Note: the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of commercial fuel tanks in the province. The TSSA updates information in its system on an ongoing basis; this listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private **CHEM**

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2019**

**Compressed Natural Gas Stations:**

Private **CNG**

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Mar 2019**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial **COAL**

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial **CONV**

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Mar 2019**

**Certificates of Property Use:**

Provincial **CPU**

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Mar 31, 2019**

**Drill Hole Database:**

Provincial **DRL**

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Oct 2018**

**Dry Cleaning Facilities:**

Federal **DRYCLEANERS**

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Environmental Activity and Sector Registry:**

Provincial **EASR**

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Mar 31, 2019**

**Environmental Registry:**

Provincial **EBR**

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Mar 31, 2019**

**Environmental Compliance Approval:**

Provincial **ECA**

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Mar 31, 2019**

**Environmental Effects Monitoring:**

Federal **EEM**

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private **EHS**

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Jan 31, 2019**

**Environmental Issues Inventory System:**

Federal **EIIS**

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**List of TSSA Expired Facilities:**

Provincial **EXP**

List of facilities and tanks - for which there was once a registration - no longer registered with the Fuels Safety Program of the Technical Standards and Safety Authority (TSSA). Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc. Tanks which have been removed from the ground are included in the expired facilities inventory held by the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal

FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: Jun 2000-Oct 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial

FST

List of registered private and retail fuel storage tanks made available by the Fuels Safety Program of the Technical Standards & Safety Authority (TSSA). Ontario Regulation 213/01 of the Technical Standards and Safety Act (2000) requires that all underground tanks be registered with the TSSA. Notes: the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990, or furnace oil tanks prior to May 1, 2002; nor does the Division register waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel storage tanks/tank facilities in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Dec 31, 2018**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

**Government Publication Date: 2013-Dec 2016**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***



**TSSA Incidents:**

Provincial [INC](#)

List of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC) and made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial [LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Sep 30, 2017**

**Canadian Mine Locations:**

Private [MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Environmental Penalty Annual Report:**

Provincial [MISA PENALTY](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2017**

**Mineral Occurrences:**

Provincial [MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2018**

**National Analysis of Trends in Emergencies System (NATES):**

Federal [NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2017**

**National Defense & Canadian Forces Fuel Tanks:**

Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Dec 31, 2018**

**National Energy Board Wells:**

Federal

NEBW

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGW

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Feb 28, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OGGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-May 2018**



**Inventory of PCB Storage Sites:**

Provincial [OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial [ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Mar 31, 2019**

**Canadian Pulp and Paper:**

Private [PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal [PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial [PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988-Sep 2018**

**TSSA Pipeline Incidents:**

Provincial [PINC](#)

List of pipeline incidents (strikes, leaks, spills) made available by the Technical Standards and Safety Authority (TSSA). Under the Technical Standards & Safety Act (2000), the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors, and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of pipeline incidents in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial [PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial [PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Mar 31, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial [REC](#)

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial **RSC**

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2019**

**Retail Fuel Storage Tanks:**

Private **RST**

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jan 31, 2019**

**Scott's Manufacturing Directory:**

Private **SCT**

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial **SPL**

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Dec 2018**

**Wastewater Discharger Registration Database:**

Provincial **SRDS**

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2016**

**Anderson's Storage Tanks:**

Private **TANK**

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal **TCFT**

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**TSSA Variances for Abandonment of Underground Storage Tanks:**

Provincial **VAR**

List of variances granted for abandoned tanks. Under the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code and Fuel Oil Code, all underground storage tanks must be removed within two years of disuse. If removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of tank variances in the province. The TSSA updates information in its system on an ongoing basis; this listing is hence limited by the record date provided here.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011-Mar 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Dec 31, 2017**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.