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**REPORT ON** 

### HYDROGEOLOGICAL AND TERRAIN STUDY PROPOSED COMMERCIAL DEVELOPMENT 2742 DUNROBIN ROAD CITY OF OTTAWA, ONTARIO

Submitted to:

6253393 Canada Corp. 314 Maxwell Bridge Road Kanata, ON K2W 0A5

DATE January 17, 2025

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Hydrogeology •

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6253393 Canada Corp. 314 Maxwell Bridge Road Kanata, ON K2W 0A5

Attention: Mr. Omar Alnader

RE: HYDROGEOLOGICAL STUDY PROPOSED COMMERCIAL DEVELOPMENT 2742 DUNROBIN ROAD WEST CARLETON-MARCH WARD DUNROBIN, ONTARIO

Dear Sir:

Kollaard Associates Inc. was retained by 6253393 Canada Corp. to undertake a hydrogeological and terrain study for a proposed commercial development with frontage on Dunrobin Road, in Dunrobin, Ontario.

This report presents the results of an evaluation of the water quality and quantity for the well that will supply water for the above noted proposed commercial development at 2742 Dunrobin Road in the City of Ottawa, Ontario. It is understood that it is being proposed to construct a commercial car retail development on the existing ~0.40 hectare (~1.0 acre) property. The proposed development is to consist of an asphaltic concrete parking lot with a small trailer for office space.

The well in question was constructed by Capital Water Supply Ltd. of Stittsville, Ontario on March 19, 2008. A Ministry of the Environment, Conservation and Parks (MECP) Well Record and Certificate of Compliance for the subject well (TW1) is provided as Attachment A. The well construction indicates well is a drilled well that is screened in the sand overburden from a depth of about 16.94 to 17.98 metres below ground surface.

A pumping test was carried out at the well, TW1, by a member of our engineering staff on September 12, 2024. The testing consisted of a 6 hour duration constant discharge rate pumping test. During the pumping test, water level measurements were made both manually and using a pressure transducer to monitor the drawdown of the water level in the well in response to pumping. Groundwater samples were collected from TW1 at about hour 3 and at hour 6 of the pumping test to characterize groundwater quality. After the pumping period, the pump was shut off and the recovery of the water level in the well was monitored for a period of time until at least 95 percent of the drawdown created during pumping had been recovered or for at least 24 hours, whichever was less.

# Pre-consultation

Kollaard Associates obtained background information from the planning consultant for the City of Ottawa for impacts from historic land use. An offsite Groundwater Monitoring Report, *Fall 2007 Groundwater Monitoring Thomas Dolan Parkway and Dunrobin Road Intersection, Ottawa, Ontario,* completed by Trow Associates (May 2008) indicated the presence BTEX, PHCs, and VOCs due to contamination of a nearby property 160 metres north of the subject property.

The City also indicated that it is anticipated that chloride levels in water supply may exceed 500 mg/L and would require written consent from the MECP to retain and use the well. A secondary consultation with the City of Ottawa was completed after initial water samples were collected. The City indicated additional requirements in the reporting as follows;

- Discussion of whether the water supply might be the best option compared to another aquifer (i.e. bedrock);
- Mitigation measures for potential corrosion due to excess chloride;
- Required Signage (S.7.7.2.1)
  - Non-Potable piping identified
  - Non-Potable water system identified
  - Non-Potable, Do Not Drink signage above fixtures
- Description of the proposed usage of the water supply and any treatment required to use the water supply;
- Potential impacts to the overburden aquifer and shallow well users in the area from moving poor water quality from the aquifer to surface;
- Discussion of the impact to the septic system and treatment needed to decrease issues to the septic system caused by poor water quality;
- A copy of signed Consent Not to Abandon Water Supply Well from the MECP;
- Recommendations of notice(s) to be registered on title as conditions of any future Site Plan Agreement or purchasers that water is not potable and is not to be used as a drinking water supply;
- Implementation of zoning/planning controls to ensure that hydrogeology report will be provided to the City for review.

# **1.0 Background Information**

## Previous Environmental Study (Intersection of Thomas Dolan Parkway and Dunrobin Road)

A review of the groundwater monitoring report prepared by Trow Associates, Project No. OTEN00018293B, dated May, 2008, was carried out. The groundwater monitoring findings were summarized as follows:

- 13 monitoring wells were sampled for VOCs and PHCs
- 4 drinking water wells were sampled for VOCs and PHCs
- Exceedance were observed in three monitoring wells (MW1, MW03-06 and MW03-07)
- Drinking water at 2751 Dunrobin Road indicated an exceedance in chloroform
- Spring 2007 sampling indicated 2750 Dunrobin Road met all MOE Table 2 criteria
- Further groundwater monitoring was recommended on a bi-annual basis
- Homeowners were recommended to install carbon filter within drinking water systems

### Background-Hydrogeology and Area Wells

A bedrock geology map for the site area indicates that surrounding area bedrock consists of dolostone with thin glauconitic shale beds and interbeds of quartz sandstone and shaly dolostone of the Beekmantown Group of the Oxford Formation.

The surficial geology map indicates that the proposed lot is located within areas of older alluvial deposits and fine-textured glaciomarine deposits. Most well records for area wells indicate that the soil thickness overlying bedrock ranges from ~21 to 28 metres, described as clay or till (clay sand, and/or gravel).

A review of area well records within 1,000 metres was carried out (one hundred and forty-six total records). The area well records are provided as Attachment A along with a map showing their approximate locations. Of the one hundred and forty-six well records, 19 are bedrock aquifer wells and the remaining are overburden wells, monitoring wells, well abandonment or unlisted. The well depths were indicated to be between about 6.7 and 76 metres in depth. Eighty-one drilled well records indicate that the water supply aquifer is within the overburdened. Nineteen drilled well records indicate limestone and/or sandstone was encountered during drilling. Based on reported test pumping rates of between 4.5 and 454 litres per minute, corresponding specific yields of 0.4 to 352.2 litres per minute per metre of drawdown were calculated, based on drawdowns reported on the well records.

A review of topographical information from the City of Ottawa online mapping indicates that the general topography for the area slopes from the west to east. The shallow groundwater flow direction is expected to closely follow topography.

#### Historical Area Land Use

An aerial review of the surrounding land uses of 500 metres study area indicates that the surrounding land uses consist of scattered residential dwellings, agricultural uses (mostly pasture land rather than crop farms), and commercial storage. There is some potential for nitrogen impacts from the agricultural uses, based on the potential for the use of fertilizer on agricultural lands. The overall density of development in the area is very low, such that the potential for significant groundwater impact from adjacent land uses is not expected.

There are no active landfills within 1,000 metres of the subject site. A review of Pits and Quarries online database indicates that there are four pits in the area approximately 3.5 kilometres northeast from the subject site. All pits are active Class A pits and the water status are unlisted. The Permit to Take Water (PTTW) database was also consulted. There were no PTTW for at least 1 kilometres from the property.

#### Ottawa Hydrogeological Information Geodatabase – 2742 Dunrobin Road

The City of Ottawa provided background information for the subject site within a 750 metre radius of the subject site. Data included all known geotechnical boreholes and drilled wells for previous hydrogeological reports, the following data was included;

- Aquifer Tests
- Borehole Logs
- Field Chemistry
- General Chemistry

- Metal Chemistry
- Microbiological Parameters
- Organic Chemistry

A review of the provided data indicated a total of 85 sampled locations with various water chemistry parameters tested. One bedrock well was identified within the dataset. However, based on the MOE well record the location of the bedrock well appears erroneous as it is located on Panmure Road, some 10 km to the west.

One overburden well was indicated to have exceedances in chlorides, dissolved organic carbon, TDS, and hardness. An additional overburden well also indicated exceedances in chlorides. The majority of the sampled wells were observed to have exceedances in hardness.

The information on area wells as reviewed from OHIG indicates that the vast majority of area wells servicing current development are screened or dug wells, including a residential subdivision (Porcupine Trail). The absence of bedrock wells is an indicator that poor water quality is present in the bedrock. The only bedrock well that was sampled (Well ID 1534292) is for a well that is actually listed on the MECP on Panmure Road some 10 km west and is therefore not considered to be representative of local conditions. No other bedrock wells were tested as per the OHIG information provided. Therefore, although it is not possible to report water quality in the bedrock, the lack of any wells propagating that aquifer suggests bedrock water quality/quantity are likely poor.

In a review of area well records carried out by Kollaard Associates Inc. (Table III), there were a limited number of well records indicating bedrock wells constructed in the 1960s and 1970s. However, the following was also noted:

Locations of bedrock wells (3) dating to 1960s and 1970s indicate newer screened wells, suggesting that bedrock wells have been abandoned.

One drilled well from 2005 is on a vacant parcel (possibly abandoned or incorrect listing at 977 Thomas Dolan parkway does not exist). This well may be located on 2744 Dunrobin Road and was likely abandoned as that property is the original land parcel from which this lot was severed in 2008, using screened wells constructed in 2007.

Based on the review of area well records available on the MECP well database and information from OHIG, it is considered that the majority of area wells are either screened in the clay, sand and/or gravel (presumed till) layer or dug wells within upper soils which are described as clay or sand. A review of surficial geology mapping indicates that some areas (especially to the west) consist of alluvial deposits. However, the subject property has marine deposits of silt and clay. As such, the water quality in the wells is different in these areas as the confined conditions may not be present. It is noted that there is often greater variability in wells that are obtaining water from overburden deposits as the water quality is dependent on the nature of soils, the presence or absence of a confining layer and well construction methods. Well depths are typically between 10 and 25 metres in depth and constructed within a combination of clay, sand and/or gravel (older alluvial deposits).

A total of 74 overburden wells were sampled within 750 metres of the subject property for various parameters including subdivision parameters (Table IV). The sample dates are based on the development of a residential subdivision and were mostly carried out in 1989 to 1990, with a few wells sampled in 1998 and one in 2005. These results may not be consistent with

current conditions, as they likely represent a pre-development condition for the area. The chloride levels in sampled overburden wells varied from 9 to 318 mg/L, with the majority of wells having acceptable chloride levels. Other parameters that were reported include fluoride (no exceedances), nitrites/nitrates, TKN and ammonia.

One other overburden well was sampled for trace metals and the subdivision criteria (see Table 2). That well is located some 600 metres west-northwest of the site and the well record indicates that the well is screened from 15.6 to 16.8 metres depth. So the well is very similar in depth and construction to the subject well. The water quality in that well is compared to the water quality in the subject well (Table II). Based on the results, barium is elevated in the other well (0.68 to 0.78 mg/L) but within MAC of 1 mg/L. Iron and manganese are above their AO at 0.77 mg/L and 0.10 mg/L, respectively, but not as elevated as the subject well. Similarly, sodium and chloride are all present above the MCCRT in that well and it also has high hardness.

# 2.0 Groundwater Supply Evaluation

The proposed water usage on site is to provide service water to an onsite trailer for sanitary and septic purposes. The supply water at the subject site will not be used as a potable drinking source and will be identified as outlined in Ontario Building Code Section 7.7.2.1 (Markings Required). The following sections discuss the water quantity and quality for the proposed development on site.

# 2.1 Water Quantity

# A. Water Demand

The water demand is calculated using the information from the sewage system daily design flow and peaking factors available in the City of Ottawa Water Distribution Guidelines, 2010. The sewage design flows are provided below, based on the sewage design information (provided by client).

Daily sewage design flow:

The daily sewage design flow is equal to a maximum daily demand for the site. The site is to be developed as follows;

## Water Demand

## Commercial Trailer

Office: The greater of 2 employees x 75 L/day = 150 L/day OR 28 m<sup>2</sup> Office Space x 75 L/day per 9.3 m<sup>2</sup> = 225 L/day

TOTAL DAILY SEWAGE DESIGN FLOW = 225 L/day

Since sewage system design is based on the maximum expected daily use, it is equivalent to the Maximum Daily Demand (MDD). The MDD is based on an eight hour operation schedule (i.e. full day occurs over an eight hour period and not over 24 hours).

City of Ottawa calculates the Maximum Hour Demand (MHD) for a commercial or industrial demand to be  $1.8 \times MDD$ 

MDD = 225 litres / day x 1 day / 8 hours x 1 hour / 60 minutes = 0.5 litres / minute
MHD = 1.8 x MDD = 1.8 x 0.5 litres / minute = 0.9 litres / minute

The City of Ottawa predicted water usage of 0.9 L/min is used.

The Maximum Hourly Demand (MHD) for the site based on its proposed use is expected to be about ~0.9 litres/minute, compared to the pumping test rate which was 15.4 litres/minute. This indicates that the pumping rate used for the test was appropriate as the peak water demand rate was met for the test. The MDD is 225 L/day. The test was carried out for 6 hours at the above noted rate and some ~5,400 Litres of water were removed from the well in that time. As such, the amount of water taking in six hours exceeds the expected daily water taking for the full development.

# B. Pumping Test

The well was pumped for six hours at a pumping rate of about 15.4 litres per minute. Over the course of the pumping test, the water level in the well dropped some 7.8 metres. At the end of the pumping test, about 40 minutes was required for 95 percent recovery of the total drawdown in the static water level created during pumping.

The pumping test drawdown and recovery data and plots for TW1 are provided as Attachment B. The drawdown and recovery data provided were measured with reference to the top of the well casing at the test well location.

The pumping test data for the test well was analyzed using the method of Cooper and Jacob (1946). Although the assumptions on which these equations are based are not strictly met, this method provides a reasonable estimate of the aquifer transmissivity. Transmissivity was calculated using the following relationship:

$$T = \frac{2.3Q}{4\pi ds}$$

where Q is the pump rate,  $m^3/day$ 

ds is the change in drawdown over one time log cycle, m T is the transmissivity, m<sup>2</sup>/day

Based on the drawdown data from the pumping test, the transmissivity is estimated to be about  $4.5 \text{ m}^2$ /day. Based on the recovery data from the pumping test, the transmissivity is estimated to be about  $6.8 \text{ m}^2$ /day. The pump rate was kept at a constant rate throughout the 6 hour interval. The pumping rate and duration that were used were sufficient to confirm that the well yield is sufficient for the proposed use. The recovery data indicate the well quickly recovered and the flat line of the drawdown are good indicators that the well has a higher capacity than 15 Litres per minute. The well record indicates that based on a one hour yield test, the well is producing ~45.5 litres per minute.



Based on the data obtained during the pumping test, it can be concluded that the well is capable of sustaining a short term yield of about 15.4 litres per minute. During the course of the pumping period, about 84.5 percent of the available drawdown in the test well was utilized, based on the recommended pump depth of 13.7 metres and the static water level recorded the day of the pumping test (4.48 metres). The specific capacity of the well based on the pumping rate used is 1.6 litres per minute per metre of drawdown.

# 2.2 Well Interference

In order to determine water quantity, information from area well records was obtained. The following chart provides water quantity data using information reported on the well records within 250 metres.

						Yield Test	
	Well Depth		Drawdown	Available Drawdown	Test rate	Specific Capacity	Spec. Cap.
Well No.	(m)	Receiving Aquifer	(m)	(m)	(L/min)	(L/min*m)	(m²/day)
A051520 (TW1)	18.0	Overburden	1.8	8.8	54.6	24.8	17.2
A068278	14.0	Overburden	2.4	7.0	54.6	18.6	12.9
A051505	18.3	Overburden	2.7	8.6	54.6	16.6	11.5
1503391	9.8	Overburden	-	-	-	-	-
A166334	11.6	Overburden	3.0	5.3	45.5	12.4	8.6
A082447	42.7	Limestone	8.2	24.3	91.0	9.2	6.4
A023069	54.3	Limestone/Sandstone	5.5	20.0	22.8	3.4	2.4
1516202	44.2	Limestone/Sandstone	15.2	15.2	27.3	1.5	1.0
A023105	36.6	Limestone	1.2	20.7	91.0	62.1	43.1
A166330	11.9	Overburden	0.9	4.4	45.5	41.4	28.7

Based on the information from area well records within 250 metres, the specific capacities for area wells are in the range of 1.0 to 43.1 m<sup>3</sup>/m/day for wells drilled between 12 and 54 metres deep. Transmissivity values are classified based on the amount of yield for water supply users. One classification (Kransy, Vol. 31, No. 2 – 1993 Ground Water) classifies specific capacity ranges between 1 and 100 m<sup>2</sup>/day as low to intermediate transmissivity, which is sufficient for groundwater supply for private consumption and local water supply.

The pumping rates used for the existing wells were between 22.8 and 91.0 litres per minute. The well record provided for the well at 2742 Dunrobin Road indicates it was drilled in 2008. The specific capacity of that well based on a one hour yield test is 24.8 litres per minute per metre, at a flow rate of 54.6 litres per minute. The test well has a similar production rate as the existing area wells.

Available drawdown in the offsite wells, using their recommended pump depths and the static water level reported on the well records, indicates that available drawdown in the area wells is

between 4.4 and 24.3 metres. There is sufficient available drawdown in existing wells, such that the addition of a commercial well is not expected to affect water supply in offsite wells.

# 2.3 Water Quality

Prior to field work, all field equipment was properly calibrated and tested to ensure accurate readings of temperature, conductivity, pH, total dissolved solids, turbidity and residual chlorine levels. During the pumping test, hourly field readings of these parameters were recorded. Initial temperature, conductivity, pH, total dissolved solids, turbidity readings were not recorded due to equipment malfunction in the field.

### Field Equipment Calibration

The equipment used to measure pH, temperature and total dissolved solids (conductivity) had calibration verified on July 11, 2024. The accuracy of the device is as follows;

Parameter	Accuracy
Temperature	±0.5 °C
рН	±0.05 pH
Electrical Conductivity/Total dissolved Solids	±2% f.s. (EC/TDS)

The turbidity/free chlorine meter was calibrated on June 20, 2024. The turbidity/free chlorine meter is calibrated on a semi annual basis to ensure accurate field readings. The device accuracy is  $\pm 2\%$  of reading plus 0.2NTU.

The results of the chemical, physical and bacteriological analyses of the water samples obtained from the test well are provided in Attachment D. A summary of the water quality measured in the field are provided as Table I, Water Quality Measurements for Test Well.

Groundwater samples were prepared and preserved in the field using appropriate techniques. Chlorine residuals were measured prior to obtaining water samples for lab submission and free chlorine was measured to be zero when measured after 1 hour. The water samples were submitted to Eurofins Environmental Laboratory in Ottawa, Ontario, for the chemical, physical and bacteriological analyses listed in the MECP guideline entitled Procedure D-5-5, Technical Guideline for Private Wells: Water Supply Assessment, August 1996 and trace metals identified in the City of Ottawa Hydrogeological and Terrain Analysis Guidelines.

The samples that were submitted for metals testing (and true colour) were field filtered using 0.45 micron filter prior to placement in preserved sample bottles. Due to the elevated turbidity that was measured at the laboratory after the initial pumping test results of September 12, 2024, a second water sample was obtained on September 26, 2024. This was done to verify the original water quality. As the well is screened it was considered that if the water was sampled using a peristaltic sampling pump, less disturbance of the suspended solids may yield more representative water quality. However, the water quality was similar for the two sampling events. It is considered that the field readings for turbidity and physical observations indicate that the water was clear at the time of sampling. However, due to the elevated levels of iron, manganese, the lab based turbidity for the samples was very elevated as was the apparent colour of the water. The true colour was within the aesthetic objective of 5 TCU, which indicates that the field filtered water samples, which removed suspended particles resulted in much less colour.

<u>Results – TW1</u>

The water meets all the Ontario Drinking Water Standards (ODWS) health and aesthetic parameters tested for at the test well except for chlorides, hardness, barium, iron, manganese, total dissolved solids, turbidity, and sodium.

The raw water quality is considered to be mineralized water, due to the water exceeding 500 mg/L of chlorides. The well water is not considered to be potable owing to the exceedances of chloride, sodium, and barium.

Ontario Well Regulation 903 permits a well that has mineralized or non potable water to be used if the well owner has the written consent of the Director, which is understood to be the MECP office identified as Water Well Management Program.

The proposed use of the property is commercial use and the water is considered to be non potable, based on the results of water quality testing. The water use will be restricted to that needed to provide water for plumbing purposes in an onsite trailer and is not intended for drinking.

Kollaard Associates Inc. and the well owner will request permission from the MECP to continue to use the well, despite that it does not meet the Ontario Drinkign Water Standards for potability and due to the mineralized water. A signed copy of Consent Not to Abandon Water Supply Well will be provided to the City of Ottawa provided MECP accepts the hydrogeological report on the condition that the water is not to be used for human consumption.

As water is not to be used for human consumption, water treatment systems are not recommended to improve water palatability. The following water quality discussion includes recommendations such as mitigative measures to reduce the corrosive potential of water in contact with the water distribution piping and to limit the water use to that necessary to flush a toilet and for handwashing. The water demand is expected to be limited to 225 Litres per day. Use of any drinking water treatment system would result in an increased water demand and result in waste streams, which is also to be avoided.

# A. Chloride

Chloride was measured at a level of 1220 to 1280 mg/l, compared to the aesthetic objective of 250 mg/l and is considered to be "mineralized water" under the Ontario Well Regulation 903, due to the exceedance of 500 mg/L in that regulation. Excessive chloride levels may cause corrosion in the distribution system and make water unpalatable. Assessment of the corrosive potential of water using the Ryznar Stability Index (RSI) and Langelier Saturation Index (LSI) was carried out. The RSI values for the test well water samples were between 5.70 and 6.1. RSI values less than 6 indicate that the scale potential increases and values greater than 7 indicate that a calcium carbonate formation does not lead to a protective corrosion inhibiting film and RSI values above 8 indicate mild steel corrosion. The LSI values for the water samples were between 0.67 and 0.99. Positive values for LSI indicate that scale can form and calcium carbonate precipitation may occur, while values close to zero indicate borderline scale potential. Negative LSI values indicate corrosion. Based on the RSI and LSI values, the water appears to be scale forming. However, with the chloride levels above 250 mg/L, Health Canada indicates the following: "*The chloride ion's ability to form soluble salts with many metal ions prevents the formation of films that could prevent the further corrosion of metal surfaces.*"

The following comments and recommendations are provided to address the corrosive potential of the water.

The following is recommended:

- Interior water supply lines using PEX (cross-linked polyethylene) tubing rated for drinking water (NSF certified) rather than copper pipe will increase the lifespan of the interior pipes:
- Interior fixtures and fittings should use stainless steel, brass or ceramic which are all resistant to corrosion.

#### Β. Hardness

The water is considered to be very hard by water treatment standards. Water with hardness above 80 to 100 milligrams per litre as CaCO<sub>3</sub> is often softened for domestic use. The hardness at the well is 1966 to 1020 milligrams per litre. It is recommended not to treat the water to reduce hardness. Hardness is of concern mostly to appliances and for laundering and showering as the limescale build up on pipes and in appliances can lead to corrosion points where scale forms. For showering and laundering hardness reduces effectiveness of soap. As the water use for the site is limited to providing water for toilets and there will be no other appliances (i.e. dish washing, washer, shower) there is no concern with hard water except its ability to deteriorate water distribution pipes. The same recommendation for chloride applies in that the use of PEX tubing has a smooth surface that prevents/reduces mineral deposits on the surface and hence reduces scale formation compared to other materials, especially copper. PEX piping is flexible and there are typically less bends, connections and fittings, which also limit the scale formation.

#### С. Barium

Barium was measured at a level of 1.76 to 1.90 mg/l, compared to the maximum acceptable concentration of 1.0 mg/l under Ontario Drinking Water Standards, Objectives and Guidelines. Barium naturally occurs in certain types of igneous and sedimentary rocks. Health Canada states the following:

Under acidic, anaerobic and high chloride/low sulphate conditions, as well as conditions of reduced reduction-oxidation potential, barium mobility is increased, favouring its migration to groundwater (Kravchenko et al.)

It is considered that the presence of elevated chloride in the groundwater has resulted in barium being more mobile and migrated from the soils to the groundwater under the aguifer conditions.

As the water will not be used for drinking, no treatment to reduce barium is recommended.

#### D. Iron and Manganese

Iron was measured at a level of 10.9 to 11.0 mg/L, compared to the aesthetic objective of 0.3 mg/L. A subsequent water sample indicated iron level to be 31 mg/L. Manganese was also present at 0.63 mg/L to 1.02 mg/L, compared to the aesthetic objective of 0.05 mg/L. Excessive iron levels and manganese may cause brown or black discolouration of laundry and fixtures, affect the taste and colour of water, and iron precipitation in pipes and hot water tank can also promote the growth of iron bacteria.

No treatment is recommended for iron and manganese.

# E. Total Dissolved Solids

The Total dissolved solids (TDS) have an aesthetic objective (AO) of 500 mg/L. The TDS levels encountered at the test well vary from about 2630 to 2640 mg/L after three and six hours, respectively.

The MOE D-5-5 Guideline comments that corrosion or encrustation of metal fixtures or appliances; taste; turbidity are all possible effects of TDS. Where TDS levels exceed 500 mg/L, written rationale that corrosion, encrustation or taste problems will not occur should be provided.

The Technical Support Document for the Ontario Drinking Water Standards, Objectives and Guidelines (ODWSOG) states the following with regards to TDS:

The term total dissolved solids (TDS) refers mainly to the inorganic substances dissolved in water. The principal constituents of TDS are chloride, sulphates, calcium, magnesium and bicarbonates. The effects of TDS on drinking water depend on the levels of the individual components. Excessive hardness, taste, mineral deposition or corrosion are common properties of highly mineralized water. The palatability of drinking water with a TDS level less than 500 mg/L is generally considered to be good.

Depending on which parameters are elevated, TDS exceedances can include hardness, taste, mineral deposition or corrosion. In this case, the water samples had exceedances in hardness, sodium, and chloride. The Ryznar Stability Index (RSI) and Langelier Saturation Index (LSI) were calculated for both water samples from the test well. The RSI values for the test well water samples were 5.70 and 5.71 for the three and six hour samples, respectively. The LSI values for the water samples were 0.99 for the three and six hour samples, respectively. RSI values less than 6 indicate that the scale potential increases and values greater than 7 indicate that a calcium carbonate formation does not lead to a protective corrosion inhibiting film.

In this case, the presence of elevated chlorides will cause the water to be corrosive as chloride prevents scale from forming, despite what the RSI and LSI would predict. To reduce corrosion, the recommendations are provided under the above noted Section A. Chloride.

# F. Turbidity

The hourly field measurements for turbidity indicate that the well was being actively developed. The turbidity levels declined through pumping and were at 2.4 NTU, below the aesthetic objective of 5 NTU, by the end of the test. The lab measured turbidity for the three and six hour samples were >100 NTU. The elevated turbidity was considered to be due to the elevated iron and manganese. The lab result for turbidity is elevated compared to the field readings due to the iron and manganese precipitates which developed through sample handling, exposure to air and temperature changes between the time sampled and the lab testing. Similarly, colour was elevated for the sample that was not field filtered (i.e. apparent colour) whereas the sample that was field filtered (true colour) had colour within allowable limits. The field readings for turbidity indicate that the water is clear at the source. The MECP indicates that provided that drinking water has turbidity of less than 5 NTU at the point of consumption (i.e. in the field not after

transportation to the laboratory) and the source is groundwater (rather than surface water), turbidity is acceptable. It is noted that the water had no bacterial exceedance and the source is from groundwater. As the water is not to be used for human consumption, there are no concerns with lab based turbidity and no treatment to reduce iron is recommended.

# G. Sodium

The water samples in the test well had exceedances in sodium. Sodium aesthetic objective and Maximum Concentration Considered Reasonably Treatable (MCCRT) is 200 mg/L. The water samples obtained from the test well measured sodium at between 486 and 505 mg/L. The presence of fluoride and chloride indicates that the sodium levels are due to natural salts found within the aquifer and not due to any surficial contaminants. Excessive sodium levels in may cause corrosion in the distribution system. The same recommendations in the chloride and TDS sections also apply to sodium.

Additionally, sodium is above the 20 milligrams per litre advisory level, whereby the local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L. However, water at the site is for sanitary distribution and will not be potable. In this case, the water is not to be used for drinking water and a notice is not required.

# H. Colour

The water samples in the test well had exceedances in apparent colour 16 to 85 TCU). True colour (i.e. after field filtering to remove suspended particles) was within the acceptable AO of 5 TCU. The elevated colour is considered to be caused by iron and manganese, which are present in a reduced form in the aquifer. However, once water comes into contact with air, iron and other metals can precipitate causing water to change colour. It is understood that any particle size less than 2 um in size is considered to be dissolved. However, as the field filter removes particles to 0.45 um filter, it can reduce the iron, manganese levels such that filtered water has a much lower colour that the whole water. So, treatment to remove iron and manganese would reduce the apparent colour in the treated water. In this case, as the water is not for human consumption, no treatment is recommended.

# Review of Available Aquifers with Consideration of Water Quality

The consideration of whether the subject property could obtain water from a different aquifer and obtain a better water quality must consider the following.

The first aquifer at the site, based on the stratigraphy is the sand that lies below the upper clay confining unit. Information from area wells indicate that where the overburden encountered clay, most wells were screened in the sand underlying the clay. There are some areas where the clay confining unit is not present and wells are screened at varying depths in sand. Most wells are screened drilled wells rather than dug overburden wells.

The only other available aquifer is the bedrock aquifer. Very few wells are constructed into the bedrock, which based on area well record review and OHIG database indicates that is is likely that water quality in the bedrock is probably poor and that is why there are very few wells in that aquifer.

There was only one other well that was constructed similarly to the subject well for which the water quality was fully established (subdivision parameters and trace metals). Based on the similarity of water quality between it and the subject well, the following is noted.

- Both wells indicate elevated levels of sodium and chlorides above MCCRT but subject well has chlorides above 500 mg/L;
- Both wells have elevated hardness but the subject well has hardness above 500 mg/L compared to 261 mg/L in the other well;
- Both wells have iron and manganese well above AO;
- Both wells have elevated barium, however the subject well has barium above the MAC of 1 mg/L compared to ~0.7 to 0.8 mg/L in the other well;
- Both wells are screened at similar depths of between 17 to 18 metres (subject well) and 15.6 to 16.8 metres (Well at 1151 Thomas Dolan Parkway).

Based on the well records and surficial geology mapping, the other well does not have a confining clay unit as the surficial mapping for that area and well record indicate "older alluvial deposits" and sand as the surficial soil type, respectively. The subject property has a clay deposit that is some 7.6 metres in thickness overlying the sand. It is understood that the confining conditions reduces the recharge of fresh water from reaching the underlying aquifer resulting in water that is geologically older. This results in increased mineral content and explains the variation in water quality between similarly constructed wells. For example, it is understood that barium becomes more soluble with higher chloride levels, which explains the elevated barium in proportion with chloride levels. As chlorides are higher in the subject well, so is barium owing to the more mineralized water below the confining unit.

The well record for the subject well indicates that water was encountered at 17 metres below ground surface and the sand above 11.6 metres was described as brown sand, indicating that it may not be sufficiently saturated at and above that depth to yield water. Screened wells must also be screened in coarser soils (i.e. sands) to avoid the screen being plugged by silt/clay and other fine materials, which may have only been encountered at the depth indicated on the well record. Based on the available information, it is considered that there is no other aquifer that could be propagated at the site in order to obtain a better water quality as the surficial soils are clay (i.e. aquitard) and the bedrock aquifer has not been propagated, likely owing to poor water quality (based on the lack of wells in that aquifer). Most area wells are screened because dug wells are typically limited in depth and based on the stratigraphy, sufficient water may not be present above some 11.6 metres in depth.

# 3.0 TERRAIN STUDY

Based on the regional well records, the depth of soil on the closest adjacent properties varies between 6.1 to 27.8 metres described in well records as clay, sand and/or gravel. The well record for the well at 2742 Dunrobin Road indicates a soil depth of 18.0 metres. The well record indicates that the upper 7.6 metres consists of clay overlying sand from 7.6 to 18 metres depth. In order to assess whether the site is hydrogeologically sensitive, a review of available soils mapping and well record information was carried out. A site is considered to be potentially hydrogeologically sensitive if the soil cover at and surrounding the site is generally less than 2 metres in thickness. The surficial geology mapping indicates older alluvial deposits, fine textured glaciomarine deposits, and organic deposits.

Based on the information provided for the site, it is not considered to be hydrogeologically sensitive in the area of the proposed development at 2742 Dunrobin Road.

# 3.1 GROUNDWATER IMPACT ASSESSMENT

The most probable groundwater receiver for sewage effluent is the clay deposit at the site. To obtain a general indication as to the potential impact of septic effluent on the properties adjoining the proposed development, a nitrate dilution model was used. For this case, as the site is considered to be a commercial use, the daily effluent loading is based on estimated actual flows using the sewage system design flows as a guideline. The resulting nitrate dilution calculations are provided as Attachment D, along with the Climate Data used for the calculation.

The sewage design flow calculations were provided by the sewage system designer and are as follows;

Office: The greater of 2 employees x 75 L/day = 150 L/day OR 28 m<sup>2</sup> Office Space x 75 L/day per 9.3 m<sup>2</sup> = 225 L/day

TOTAL DAILY SEWAGE DESIGN FLOW = 225 L/day=  $82 \text{ m}^3/\text{year}$ 

Sewage design flows are representative of maximum expected conditions and not average actual flows. As such, to determine long term potential sewage impacts, the actual flows can be considered.

To be conservative of predicted sewage flows, the calculation for the commercial development is to be based on 28 square metres of office space.

Other infiltration factors that were used in the above noted calculations are provided below.

Infiltration is based on moisture surplus and incorporates factors including soils, topography, soil cover and impervious areas (infiltration reduction factors). For this calculation, the background nitrate was assumed to be 0.0 mg/L.

The following provides the basis whereby the infiltration reduction factors for the site were chosen for the dilution calculations.

Topographic, soil and land cover infiltration factors were selected from *Table 2* of the MOE *Hydrological Technical Information Requirements for Land Development Applications*. The following is a discussion of each of the infiltration reduction factors chosen for the site.

The site is characterized by rolling terrain, based on a topographical survey of the site and the post-development conditions indicate that slope is generally less than 6 percent. The topography factor that applies to the site is 0.20.

The type of land cover observed at the site at the time of site visits and by use of satellite imagery consists mostly of grass cover. The post-development conditions provided in the Grading Plan (DB Gray Engineering C-1 of 4) show a tree grove and manhole covers in the in the north portion of the site. The land cover infiltration factor of 0.10 was selected, which corresponds to cultivated land and does not include any trees or post-development revegetation.

A soil infiltration factor of 0.10 was chosen as the site is indicated to be underlain by clay and sand followed by sand and gravel soils based on the well record on site. The soil infiltration value that was used corresponds to tight impervious clay, based on the expected lower permeability of the underlying soils encountered across the site.

In order to determine water surplus estimates for the site area, Environment Canada published values for Ottawa International Airport obtained for the years 1939 to 2021 was used. The expected moisture surplus or net potential infiltration for the site area was estimated 312 millimetres, for the clay and silt type soils that are expected for the site.

Hard Surfaced Area post-development was calculated as follows. The areas of the roofs of the buildings at the site occupy an area of some 28 square metres and are not available for infiltration. The parking area consists of permeable asphaltic concrete surfaced area of about 1480 square metres. For asphalt, the runoff coefficient is 0.9. The Net Infiltration Area (NIA) for the site was calculated as 2578 square metres, which factors in the grassed surfaced areas and about 10% of the hard surfaced areas based on the infiltration rate of 0.10 through compact asphalt. There will also be additional infiltration promoted through the stormwater retention area that is not included, making the NIA calculation conservative.

For the purposes of D-5-4, a conventional sewage system is considered for impact purposes to ensure that nitrate attenuation capacity is met at the property lines.

The nitrate impact calculation, using a predicted actual sewage flow of 225 L/day (82  $m^3$ /year) a conventional system effluent quality of 40 mg/L as total nitrogen indicates that the expected concentration of nitrate at the down gradient property boundary is some 7.9 mg/L, which is within the predicted impact of 10 mg/L.

Based on the above noted information, the expected impact at the down gradient property boundary of the site is expected to be within the allowable limits of the MOE, incorporating the sewage design considerations as discussed in the following section.

## Evaluation of Impact to the Overburden Aquifer and Shallow Well Users

The water supply well at the site is considered to be mineralized water due to chlorides being present above 500 mg/L. The chloride level is ~1,220 to 1,280 mg/L. Other parameters that are present include barium, sodium, iron and manganese.

Based on the soils information for the site and surrounding area, the receiving groundwater is the clay soils. It is expected that the well water is to be discharged only through the sewage system. There will be no water treatment so no discharge to any sump drains or secondary discharge from water softener or reverse osmosis treatment is anticipated. The wastewater quality is expected to have elevated sodium, chlorides and barium from the well water. However, as the water demand at the site is very limited, some 225 L/day, the volume of wastewater is expected to be very marginal. The confining unit at and near the site will limit the ability of the effluent to migrate into any watercourse or aquifer. As the Ontario Building Code setbacks indicate that the sewage system for the subject property must be placed at least 15 or more metres (depending on how fully raised the proposed sewage system is) from any water supply well that is sealed to at least 6.1 metres below ground surface and 30 metres from any dug well, this is considered to be sufficient separation to ensure that no area wells would be impacted by the sewage effluent on the subject property. As the other area wells are expected

to have somewhat similar water quality (see Pages 3 to 5 for discussion on water quality in other wells) and are also expected to be discharging water from water softeners and other treatment systems into the environment and into sewage systems, the impact from this additional development, where water softeners will not be used, is not anticipated to have any significant impact on groundwater or surface water resources in the area.

# 3.2 SEWAGE DESIGN CONSIDERATIONS

It is understood that the proposed design is to consist of a fully raised conventional system. A sewage design has not been provided for review. The attached Grading Plan prepared by D. B. Gray Engineering indicates a portable restroom. However, a sewage design is needed for permanent servicing according to information provided by the City of Ottawa (Attachment E).

The size of the septic envelopes are a function of the percolation time of the native soil in the vicinity of the septic envelope and/or the fill used for construction of a septic bed and the daily effluent loading to the septic bed.

- the separation distances between septic envelopes and properly constructed drilled and cased wells should be at least twice the grade raise plus 15 metres for fully raised beds as required by the Ontario Building Code;
- the proposed sewage system is down gradient (ie. Northeast) of the existing well location.
- The onsite well can be considered to be sealed to a depth of at least 6.1 metres and the setback distance between the sewage system and the well must be a minimum of 15 metres plus twice the grade raise of the proposed sewage system and at least 15 metres between the subject well and the sewage tank must be provided, in addition to ensuring adequate separation distances between offsite wells and the proposed sewage system are also respected.

Based on the above noted site conditions, Kollaard Associates Inc. considers that the groundwater impact of the proposed development is within the impact limits established by the MECP.

# 4.0 WELLHEAD PROTECTION

During construction of the parking lot, the following is required to protect the integrity of the well casing:

- The well is shown to be within about 4 to 5 metres from the proposed parking area; and
- Well location shall be carefully marked to prevent any damage to the well casing. This could include the placement of temporary field stone/bollards and/or traffic cones; and
- During construction activities, wellhead protection measures should be in place to protect the annulus around the wellhead. This means that the excavation for the building shall be banked upwards to the well location to limit soil disturbance near the well. As the well casing is screened to a depth of 18.0 metres, there is sufficient wellhead protection in place such that soil disturbance in the upper soils will not affect the sealing of the wellhead. Any disturbance of soils near the well must be immediately repaired and grading around the well should be regarded to ensure drainage away from the well.

After development construction, the grading around the wellhead shall be carried out as follows to comply with well siting requirements and be in accordance with the Ontario Regulation 903:

- The well casing must extend to greater than 400 millimetres above final finished grades around the well; and
- The ground surface shall be graded such that the well is the highest point on the ground surface within 3 metres radially from the exterior of the well casing and shall ensure that water does not collect or pond near the well head.
- The stormwater management facility is located some 95 to 100 metres from the wellhead. A minimum separation distance of 15 metres shall be maintained as stormwater is considered a source of contaminants to the wellhead.
- All possible contaminant sources shall be kept a minimum distance of 15 metres from the well. Possible contaminant sources include; chemical storage, garage and related chemicals, such as antifreeze, gasoline, oils, vehicle/boat/equipment storage, sewer lines, septic systems, animal enclosures, manure or compost piles. If liquid chemicals, such as antifreeze, oil and gasoline/diesel, and their waste products, are to be stored at the site, they should be stored in containers approved for that purpose. The container(s) should be labelled with their contents. Secondary containment should be installed around all bulk liquid chemical or waste storage containers, to collect and contain leaks and spills from the tank and all connections.
- The wellhead is located within a landscaped area adjacent to the parking lot. The use of curbs between the parking spaces and the landscaped area are generally sufficient to ensure well is physically protected from the access roadway. With these measures in place, it is considered that an adequate amount of wellhead protection is going to be in place to protect the water supply for the proposed light industrial use of the property. The well location is also appropriate for access in case of repairs and well maintenance.

Recommendations for well maintenance include; inspect wellhead annually to ensure that the casing is structurally sound, verify well cap is sealed and that surface water is not pooling around wellhead. The well is located such that it is easily accessible for maintenance/repairs. A lock on the well cap is useful to prevent vandalism.

# 5.0 CONCLUSIONS

Omar Alnader

January 17, 2025

Based on the results of this evaluation it is considered that the well in question is capable of supplying water of adequate quantity and quality (provided wellhead protection as indicated) for the proposed development with suitable treatment as follows;

- *Total Dissolved Solids:* The Total dissolved solids (TDS) have an aesthetic objective (AO) of 500 mg/L. The TDS levels encountered at the well vary from about 2630 to 2640 mg/L after three and six hours, respectively. The TDS levels are elevated due to the presence of sodium and chlorides and very high hardness resulting in water that is mildly corrosive. To reduce corrosive potential of the water supply, the following is highly recommended:
  - 1) Establishing a preventative maintenance program to be perform regular to replace components showing signs of corrosion.
  - Interior water supply lines using PEX or plastic piping rated for drinking water (NSF certified) rather than copper pipe will prevent corrosion of pipes and the resulting leaching of metals into the water from the pipes;
  - 3) Interior fixtures and fittings should use stainless steel, brass or ceramic which are all resistant to corrosion.

- 4) Water softeners could be not be used, as hardness is very high and any water softening will worsen the corrosive potential of the water.
- *Barium:* Barium was measured at a level of 1.89 to 1.90 mg/l, compared to the maximum acceptable concentration of 1.0 mg/l.
- *Iron and Manganese:* Iron was measured at a level of 10.9 to 11.0 mg/L, compared to the aesthetic objective of 0.3 mg/L. Manganese was also present at 0.63 mg/L, compared to the aesthetic objective of 0.05 mg/L. Iron and manganese can be effectively removed using conventional ion exchange water softeners. However, depending on the form that iron is in (reduced or oxidized) as well as the concentration and other factors, iron filters, such as a manganese greensand filter or other proprietary filter may be more effective in removing iron and manganese from the water supply.

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The sewage impact from the proposed development is within allowable limits of 10 mg/L as nitrate, using a fully raised conventional system. The contaminant limits at the down gradient property boundary will not be exceeded provided the daily sewage design flow does not exceed some 305 L/day, which results in a nitrate limit of about 9.9 mg/L. The current design flow is some 225 L/day which results in a predicted down gradient property boundary of 7.9 mg/L as nitrate. Based on the on the above noted information, the predicted sewage impact on the down gradient properties is within the allowable limits.

We trust this report provides sufficient information for your purposes. If you have any questions concerning this report, please do not hesitate to contact our office.

Yours truly,

Kollaard Associates Inc.

Omar Alnader

January 17, 2025

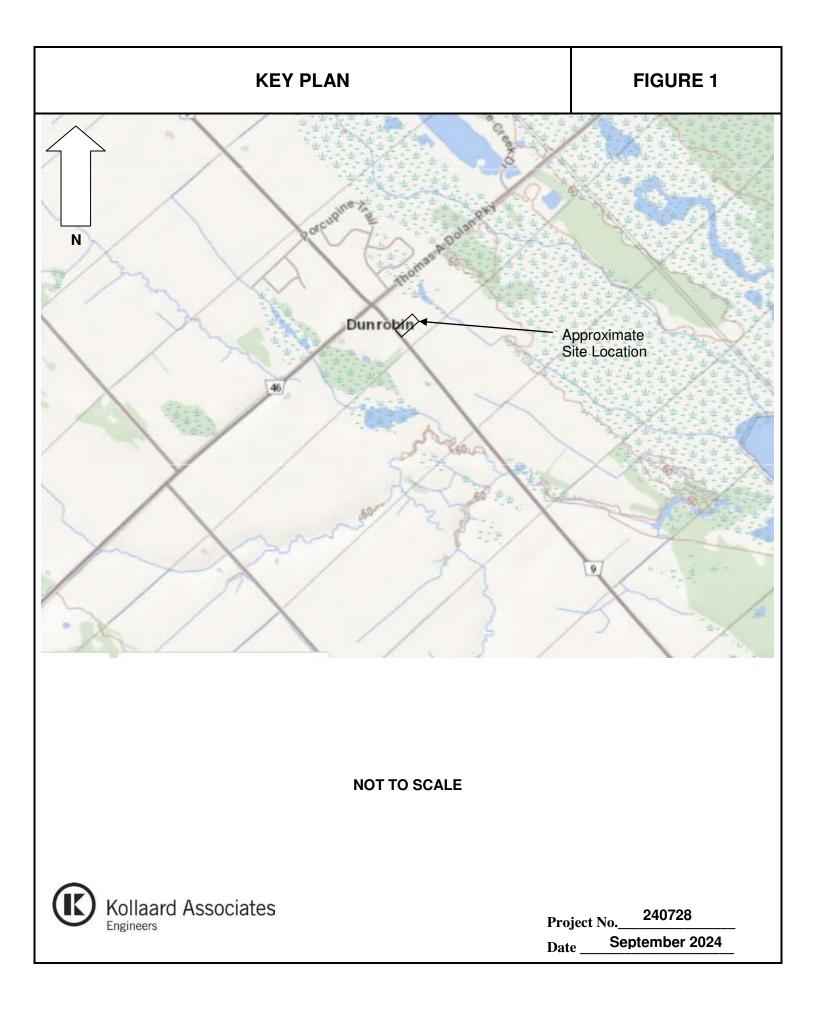
Prepared by:

Isaac Bacon, P.Eng.

PROFESSIONAL Jan 17, 2025 C. E. VERMEERSCH TO 100183397

Reviewed by:

Colleen Vermeersch, P. Eng.



### 240728

# TABLE I

# FIELD WATER QUALITY MEASUREMENTS FOR TEST WELL 1

Time Since Pumping Test Started (min)	Turbidity (NTU)	Temperature ( <sup>°</sup> C)	рН	<b>Conductivity</b> (μS)	Total Dissolved Solids (ppm)	Free Chlorine (ppm)	Taste	Smell	Colour
60	2.55	12.3	6.80	2950	1469	0.46	N/A	Earthy	Clear
120	3.16	13.1	6.83	2870	1460	-	N/A	Earthy	Clear
180	1.68	14.7	6.76	2806	1444		N/A	None	Clear
240	1.51	12.9	6.74	2860	1400	-	N/A	None	Clear
300	1.66	16.1	6.74	2790	1444	-	N/A	None	Clear
360	2.44	16.1	6.82	2824	1427		Bad	None	Clear

# Table IISummary of Well Water Chemistry for Test Well

Parameter	Guideline		TW	1	1534	4287
		3hr	6hr	26-Sep-24	24-Jun-04	02-Nov-15
		_	ons			
Chloride [mg/l]	AO/MCCRT 250	1280	1260	1220	184	318
Nitrate [mg/l]	MAC 10.0	<0.1	<0.1	<2.0	0.025	0.027
<b>Nitrite</b> [mg/l]	MAC 1.0	<0.1	<0.1	<2.0	0.006	0.003
Sulphate [mg/l]	AO 500	86	85	87	95.6	107
		Calcu	ations			
Hardness [mg/l]	OG 100	1020	1000	966		261
Ion Balance		0.97	0.96	1.00		
	Ge	eneral (		stry		
Alkalinity [mg/l]	OG 500	307	304	270		
Colour (True) [TCU]	AO 5 MCCRT 7	5	<2	<2		
Conductivity [uS/cm]		4060	4050	4080	1540	2040
<b>DOC</b> [mg/l]	AO 5	0.9	0.9	2.7	5.4	5.8
Fluoride [mg/l]	MAC 1.5	0.4	0.41	0.38	0.36	0.45
рН		7.68	7.69	7.48	7.7	8.29
Hydrogen Sulphide [mg/l]	AO 0.05	<0.02	<0.02	<0.05		
Tannin & Ligin [mg/l]		0.4	0.2	0.3		
Turbidity [NTU]	AO 5.0	>100	>100	>100		
	Ge	eneral (				
Calcium [mg/l]		269	259	245		65.1
Magnesium [mg/l]		85	86	86		23.9
Potassium [mg/l]		14	14	14		9.88
Sodium [mg/l]	AO 200	505	486	504		336

Parameter	Guideline	TW1			1534287		
		3hr	6hr	26-Sep-24	24-Jun-06	11-Nov-15	
			Metals				
Aluminum [mg/l]	OG 0.1		<0.01	<0.01			
Antimony [mg/l]	IMAC 0.006		<0.0005	<0.0005	0.00115	0.0004	
Arsenic [mg/l]	IMAC 0.01		<0.001	<0.001	0.0004	0.0004	
Barium [mg/l]	MAC 1.0	1.9	1.89	1.76	0.783	0.678	
Beryllium [mg/l]			<0.0005	<0.0005	0	0	
Boron [mg/l]	IMAC 5.0		0.04	0.03	0.243	0.564	
Cadmium [mg/l]	MAC 0.005		<0.0001	<0.0001	0.00001	0	
Chromium [mg/l]	MAC 0.05		<0.001	<0.001	0.0018	0.0002	
Cobalt [mg/l]	*0.0038		<0.0002	<0.0002	0.00014	0.0002	
Copper [mg/l]	AO 1.0		<0.001	<0.001	0.0007	0.0005	
<b>lron</b> [mg/l]	AO 0.3	11	10.9	31.0	2.5	0.77	
Lead [mg/l]	MAC 0.010		<0.001	<0.001	0.0005	0.0001	
Manganese [mg/l]	MAC 0.05	0.65	0.63	1.02	0.209	0.104	
Mercury [mg/l]	MAC 0.001		<0.0001	<0.0001			
Molybdenum [mg/l]			<0.005	<0.005	0.00052	0.0009	
Nickel [mg/l]	MAC 0.010		<0.005	<0.005	0.0001	0.0012	
Selenium [mg/l]	MAC 0.05		<0.001	<0.001	0.001	0.0001	
Silver [mg/l]			<0.0001	<0.0001	0	0	
Strontium [mg/l]	** 7.0		1.13	1.16	3.3	1.93	
Thallium [mg/l]			<0.0001	<0.0001	0	0	
Uranium [mg/l]	MAC 0.02		0.002	<0.001	0.00065	0.0006	
Vanadium [mg/l]	*0.0062		<0.001	<0.001	0.00079	0.0006	
Zinc [mg/l]	AO 5.0		<0.01	<0.01	0.0013	0.0007	

Parameter	Guideline	TW1					
		3hr	6hr	26-Sep-24			
	Nutrients,	Phenols, S		-			
Ammonia [mg/l]		0.152	0.142	0.167			
TKN [mg/l]		0.288	0.295	0.5			
Phenols [mg/l]		<0.001	<0.001	<0.001			
<b>TDS</b> [mg/l]	AO 500	2640	2630	2650			
		acteria					
Escherichia [CFU/100mL]	MAC 0	0	0				
Total Coliforms	MAC 0	0	0				
[CFU/100mL]							
Heterotrophic Plate Count (mHPC) [CFU/1mL]		17	13				
	Petroleum	n Hydrocarb	oons				
F1 minus BTEX [ug/L]			<20.0				
F1 (C6 to C10) [ug/L]			<20.0				
		PHCs					
F2 (C10 to C16)			<20				
[ug/L]							
F3 (C16 to C34)			<50				
[ug/L]							
F2 (C34 to C50)			<50				
[ug/L]							

Parameter	Guideline		TW1	
		3hr	6hr	26-Sep-24
	Organic Com	oounds	-	
1,1,1,2-Tetrachloroethane [ug/L]			<0.5	
1,1,1-Tetrachloroethane [ug/L]			<0.4	
1,1,2,2-Tetrachloroethane [ug/L]			<0.5	
1,1,2-Trichloroethane [ug/L]			<0.4	
1,1-Dichloroethane			<0.4	
1,1-Dichloroethene [ug/L]	MAC 14		<0.5	
1,2,4-Trichlorobenzene [ug/L]			<0.5	
1,2-Dibromoethane [ug/L]			<0.2	
1,2-Dibromobenzene [ug/L]	MAC 200		<0.4	
<b>1,2-Dichloroethane</b> [ug/L]	MAC 5		0.3	
1,2-Dichloroethene, cis + trans <sup>[ug/L]</sup>			<0.5	
1,2-Dichloropropane <sup>[ug/L]</sup>			<0.5	
1,3,5-Trimethylbenzene [ug/L]			2.1	
1,3-Dichlorobenzene [ug/L]			<0.4	
1,3-Dichloropropene, cis + trans [ug/L]			<0.5	
1,4-Dichlorobenzene [ug/L]	MAC 5		<0.4	
Acetone [ug/L]			5.7	
Benzene [ug/L]	MAC 1		1.0	<0.5
Bromodichloromethane [ug/L]			<0.3	
Bromofrom [ug/L]			<0.4	
Bromomethane [ug/L]			<0.5	

Parameter	Guideline		TW1	
		3hr	6hr	26-Sep-24
	nic Compounds	s - Continu		
Carbon Tetrachloride [ug/L]	MAC 2		<0.2	
Chloroethane [ug/L]			<0.5	
Chloroform [ug/L]			<0.5	
Chloromethane [ug/L]			<0.2	
Cis,1,2-Dichloroethane			<0.4	
Cis,1,3-Dichloroethane			<0.5	
Dibromochloromethane	MAC 50		<0.3	
Dichlorodifluoromethane [ug/L]			<0.5	
Dichloromethane	MAC 140		<4.0	
Diethyl Ether			<5.0	
Ethylbenzene [ug/L]			1.0	<0.5
Hexane [ug/L]			8	
m/p-Xylene [ug/L]			5.3	<0.4
Methyl butyl ketone (MBK) [ug/L]			<5.0	
Methyl ethyl ketone (MEK) <sup>[ug/L]</sup>			<2.0	
Methyl isobutyl ketone (MIBK) <sup>[ug/L]</sup>			<5.0	
Methyl tert-butyl ether (MTBE) <sup>[ug/L]</sup>			<2.0	
Monochlorobenzene [ug/L]	MAC 80		<0.5	
o-Xylene [ug/L]			2.1	<0.4
Sytrene [ug/L]			<0.5	
Tetrachloroethylene [ug/L]	MAC 10		<0.3	
Toluene [ug/L]	MAC 60		25.3	<0.4
trans-1,2-Dichloroethene [ug/L]			<0.4	

#### Summary of Well Record Information

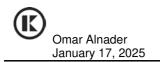
	Distance						Water			/ield Test	
Well No	from	Soil Depth	Soil Desc.	Bedrock desc.	Casing Depth	Total Depth	Desc.	Test rate	Static Level	Specific Capacity	Spec. Cap
	Site	m			m	m		L/min	m	L/min*m	m <sup>3</sup> /day/r
A051520	42	17.98	Clay, Sand	Overburden	16.92	17.98	Not Tested	54.5	4.88	29.8	42.9
A068278	52	14.02	Clay, Sand, Silt	Overburden	12.80	14.02	Not Tested	54.5	5.18	22.3	32.2
A051505	58	18.29	Clay, Sand	Overburden	17.22	18.29	Not Tested	54.5	5.18	19.9	28.6
A051505	58	-	Well Audit	-	-	-	-	-	-	-	-
1503391	89	9.75	Loam, Gravel	Overburden	10.06	9.75	Unknown	-	1.83	-	-
7127124	120	-	Monitoring Well	-	-	-	-	-	-	-	-
A166334	140	11.58	Clay, Sand	Overburden	10.36	11.58	Not Tested	45.4	4.88	14.9	21.4
7290083	140	-	Monitoring Well	-	-	-	-	-	-	-	-
7127123	145	_	Monitoring Well			-			-	-	
7290079	145	-	Monitoring Well								
		-		-	-	-	-	-	-	-	-
7290080	145	-	Monitoring Well	-	-	-	-	-	-	-	-
7124505	146	-	Monitoring Well	-	-	-	-	-	-	-	-
7290084	147	-	Monitoring Well	-	-	-	-	-	-	-	-
7124516	150	-	Monitoring Well	-	-	-	-	-	-	-	-
A023069	151	21.03	Sand, Boulders	Limestone/Sandstone	23.17	54.26	Not Tested	22.7	2.74	4.1	6.0
A082447	152	27.13	Sand, Gravel	Limestone	29.87	42.67	Not Tested	90.8	6.10	11.0	15.9
7124507	156		Monitoring Well						-		-
		_			_	-	_	-	_	_	_
7124514	158	-	Monitoring Well	-	-	-	-	-	-	-	-
7290087	159	-	Monitoring Well	-	-	-	-	-	-	-	-
7290088	159	-	Monitoring Well	-	-	-	-	-	-	-	-
7124508	159	-	Monitoring Well	-	-	-	-	-	-	-	-
7124517	159	-	Monitoring Well	-	-	-	-	-	-	-	-
7124506	159	-	Monitoring Well	-	-	-	-	-	-	-	-
7124515	159	-	Monitoring Well	-	-	-	-	-	-	-	- 1
7290078	167	-	Monitoring Well	-	-	-	-	-	-	-	-
7118910	168	6.71	Monitoring Well	_	_	_	_		_	_	-
7124518			s	-	-	-	-	-	-	-	1
	170	-	Monitoring Well	-	-	-	-	-	-	-	-
7290082	171	-	Monitoring Well	-		-	-	-	-	-	-
1516202	174	27.74	Sand	Limestone/Sandstone	27.74	44.20	Fresh	27.2	6.10	1.8	2.6
A094416	175	7.62	Sand, Clay (Monitoring Well)	Overburden	-	-	-	-	-	-	-
A023105	177	22.86	Clay, Sand and Gravel	Limestone	23.77	36.58	Not Tested	90.8	3.66	74.5	107.2
7290081	179	-	Monitoring Well	-	-	-	-	-	-	-	-
7290086	185	_	Monitoring Well			-			-	-	-
	188										
7118842		-	Monitoring Well	-	-	-	-	-	-	-	-
7124513	195	-	Monitoring Well	-	-	-	-	-	-	-	-
7290048	198	-	Monitoring Well	-	-	-	-	-	-	-	-
7118909	201	6.10	Monitoring Well	-	-	-	-	-	-	-	-
7124512	215	-	Monitoring Well	-	-	-	-	-	-	-	-
7290077	215	-	Monitoring Well	-	-	-	-	-	-	-	-
7124511	220	-	Monitoring Well			-	-		-	-	
A166330	220	11.89	Sand	Overburden	10.67	11.89	Not Tested	45.4	5.49	49.6	71.5
7124504	221	-		overbaraen	10.07	11.05	Not resteu	43.4	5.45	45.0	/1.5
		-	Monitoring Well	-	-	-	-	-	-	-	-
7318217	224	-	Abandoned	-	-	-	-	-	-	-	-
7124510	224	-	Monitoring Well	-	-	-	-	-	-	-	-
7127122	229	-	Monitoring Well	-	-	-	-	-	-	-	-
7124509	229	-	Monitoring Well	-	-	-	-	-	-	-	-
7125544	234	-	Monitoring Well		-	-	-	-	-	-	-
7290085	235	-	Monitoring Well	-	-	-	-	-	-	-	-
A307629	260	14.33	, Clay, Silt (GPS Old Abdandoned	Overburden	13.11	14.33	Not Tested	322.3	6.10	352.5	507.6
1515289	276	24.69		Limestone	25.30	45.72	Fresh	68.1	6.71	2.1	3.0
			Clay Clay Sand								
1503392	286	28.04	Clay, Sand	Granite	28.04	39.62	Fresh	9.1	6.10	0.6	0.9
1519052	303	3.35	Clay	Granite	6.71	60.96	Fresh	-	9.14	-	-
1533314	312	12.50	Clay, Sand	Overburden	11.28	12.50	Fresh	36.3	5.49	19.9	28.6
A187042	319	25.30	Sand, Clay, Gravel	Limestone/Sandstone	27.43	60.96	Not Tested	54.5	2.74	2.1	3.0
7252370	324	-	Abandoned	-	-	-	-	-	-	-	-
7252369	324	-	Abandoned	-	-	-	-	-	-	-	-
7371698	329	-	-	-	-	-	-	-	-	-	-
A192939	352	13.11	Clay, Sand	Overburden	11.89	13.11	Not Tested	4.5	5.18	3.0	4.3
A023068	352	24.99	Clay, Sand	Limestone/Sandstone	26.82	53.95	Not Tested	36.3	0.91	2.7	3.9
1532737	357	12.80	Unknown	Unknown	6.10	12.80	Not Tested	31.8	0.30	104.3	150.1
A276736	394	15.54	Clay, Sand	Overburden	13.11	15.54	Not Tested	22.7	4.88	5.0	7.1
A018560	405	13.11	Clay, Sand	Overburden	12.19	13.11	Fresh	27.2	0.61	6.9	9.9
A252408	425	15.24	Clay, Gravel	Overburden	13.56	15.24	Not Tested	45.4	4.88	29.8	42.9
1514776	431	24.08	Clay, Sand	Limestone	24.99	62.48	Fresh	27.2	5.49	0.8	1.2
A274306	459	22.56	Clay, Sand	Limestone	24.38	36.88	Not Tested	54.5	5.49	2.2	3.2
A004061	455	16.76	Sand, Silt, Gravel	Overburden	15.54	16.76	Not Tested	54.5	1.83	16.2	23.4
							inor rested	- 54.5	1.83		- 23.4
A173121	493	-	Well Extension	-	-	-	-			-	
A274214	505	23.77	Clay, Gravel, Boulders	Limestone	-	39.62	-	45.4	5.49	1.9	2.7
A018555	539	10.36	Clay, Sand	Overburden	9.14	10.36	Not Tested	49.9	3.66	163.8	235.9
A013695	555	22.86	Clay, Sand	Overburden	21.64	22.86	Not Tested	181.6	3.96	148.9	214.5
A307630	574	11.58	Clay, Sand	Overburden	10.36	11.58	Not Tested	32.0	1.52	35.0	50.4
1530766	601	17.37	Clay, Sand	Overburden	16.15	17.37	Not Tested	27.2	5.49	12.8	18.4
1530767	601	14.33	Clay, Sand	Overburden	13.11	14.33	Not Tested		5.49	24.8	35.7
								45.4			
1531692	636	11.89	Sand, Clay, Stones	Limestone	13.56	37.49	Not Tested	31.8	0.91	20.9	30.0
_NO_TAG	640	22.25	Well Extension	Limestone	-	24.99	Not Tested	90.8	5.18	74.5	107.2
A062775	654	12.19	Clay, Sand	Overburden	10.67	12.19	Not Tested	45.4	4.57	-	-
A192944	655	13.72	Clay, Sand and Gravel	Overburden	12.50	13.72	Not Tested	45.4	5.18	21.3	30.6

	Distance						Water		Y	ield Test	
Well No	from	Soil Depth	Soil Desc.	Bedrock desc.	Casing Depth	Total Depth	Desc.	Test rate	Static Level	Specific Capacity	Spec. Cap.
	Site	m			m	m		L/min	m	L/min*m	m <sup>3</sup> /day/m
1510342	671	23.47	Clay, Boulders, Sand	Limestone	23.77	42.67	Fresh	22.7	9.14	0.7	1.0
1532744	757	-	Abandoned	-	-	-	-	-	-	-	-
1520938	758	14.33	Clay, Silt, Sand	Overburden	13.41	14.33	Fresh	363.2	1.52	34.0	49.0
1523354	758	15.24	Sand	Overburden	13.41	15.24	Fresh	31.8	10.06	8.7	12.5
1523873 1523874	758 758	24.69 23.47	Clay, Sand Clay, Silt, Sand	Overburden Overburden	22.86 21.95	24.69 23.47	Fresh	9.1 227.0	1.52 3.05	0.4 24.8	0.6 35.7
1523874	758	23.47	Clay, Sirt, Sand	Overburden	21.95	23.47	Fresh Fresh	45.4	3.05	24.8	3.3
1523875	758	26.21	Clay, Sand	Overburden	22.56	26.21	Fresh	136.2	3.05	11.2	16.1
1523877	758	24.38	Clay, Sand and Gravel	Overburden	23.17	24.38	Fresh	136.2	1.52	9.9	14.3
1523878	758	21.03	Clay, Silt, Sand and Gravel	Overburden	18.59	21.03	Fresh	36.3	3.05	7.9	11.4
1523879	758	17.37	Sand, Clay, Gravel	Overburden	15.85	17.37	Fresh	45.4	3.05	14.9	21.4
1523880	758	20.12	Sand, Clay, Gravel	Overburden	18.59	20.12	Fresh	45.4	3.05	14.9	21.4
1523881	758	18.29	Clay, Silt, Sand	Overburden	15.24	18.29	Fresh	45.4	3.05	14.9	21.4
1523882	758	18.29	Clay, Sand	Overburden	15.85	18.29	Fresh	45.4	3.05	14.9	21.4
1523883	758	27.43	Clay, Sand	Overburden	21.95	27.43	Fresh	18.2	3.35	1.0	1.5
1523884	758	26.52	Clay, Silt, Gravel	Overburden	24.38	26.52	Fresh	136.2	3.05	11.2	16.1
1523885 1523945	758 758	15.24	Sand, Clay	Overburden	10.06	15.24 21.34	Fresh	90.8 136.2	- 1.52	- 9.9	- 14.3
1523945	758	21.34 15.24	Clay, Sand Clay, Sand	Overburden Overburden	18.29 12.19	15.24	Fresh Fresh	136.2	2.13	33.9	48.7
1523946	758	13.72	Clay, Sand	Overburden	10.97	13.72	Fresh	22.7	1.83	2.6	3.7
1523948	758	21.34	Clay, Sand	Overburden	17.37	21.34	Fresh	227.0	3.05	74.5	107.2
1523949	758	20.73	Clay, Sand	Overburden	18.29	20.73	Fresh	18.2	1.52	1.2	1.7
1523950	758	21.95	Clay, Sand	Overburden	20.42	21.95	Fresh	18.2	3.35	1.0	1.5
1524260	758	16.76	Sand	Overburden	13.41	16.76	Fresh	68.1	4.57	7.4	10.7
1530671	758	12.19	Clay, Sand	Overburden	10.97	12.19	Not Tested	45.4	4.27	37.2	53.6
1530673	758	12.19	Clay, Sand	Overburden	10.97	12.19	Not Tested	45.4	4.57	24.8	35.7
1530682	758	12.19	Clay, Sand	Overburden	10.97	12.19	Fresh	45.4	1.52	21.3	30.6
1530809	758	6.71	Sand, Clay	Overburden	5.18	6.71	Fresh	68.1	1.52	111.7	160.9
1531604	758	7.92	Sand, Clay	Overburden	5.79	7.92	Fresh	45.4	1.22	148.9	214.5
1526087 1530768	868 868	30.48	Clay, Sand, Gravel	Overburden	30.48	30.48	Fresh Not Tested	- 54.5	15.24	- 178.7	- 257.4
A192930	903	12.50 75.90	Sand, Gravel Clay, Silt, Sand and Gravel	Overburden Overburden	11.58 22.25	12.50 75.90	Not Tested	54.5 45.4	5.49 3.96	74.5	107.2
1516700	913	21.34	Clay, Sand, Boulders	Sandstone	31.39	42.67	Salty	136.2	6.10	22.3	32.2
1509426	921	19.51	Clay, Gravel	Overburden	-	19.51	Salty	9.1	4.88	3.3	4.8
1516971	930	3.35	Loam, Clay, Stones	Limestone	6.71	36.58	Fresh	45.4	7.62	4.3	6.1
1511737	936	14.33	Clay, Sand, Boulders	Sandstone	14.63	28.04	Not Tested	27.2	12.19	3.6	5.1
1521051	939	14.02	Clay, Sand and Gravel	Overburden	11.58	14.02	Fresh	454.0	3.66	1489.5	2144.9
1523213	939	9.45	Sand	Overburden	7.62	9.45	Fresh	31.8	3.05	8.7	12.5
1523445	939	10.97	Clay, Silt, Gravel	Overburden	10.59	10.97	Fresh	68.1	3.96	9.7	14.0
1523446	939	17.07	Clay, Silt, Gravel	Overburden	16.46	17.07	Fresh	90.8	3.66	7.8	11.3
1523447	939	24.99	Sand, Clay, Gravel	Overburden	24.23	24.99	Fresh	227.0	3.66	10.8	15.5
1523448	939	20.42	Clay, Sand	Overburden	19.81	20.42	Fresh	45.4	1.52	2.5	3.6
1523449 1523450	939 939	20.73 19.51	Clay, Sand Clay, Sand	Overburden Overburden	19.81 18.67	20.73 19.51	Fresh Fresh	27.2 136.2	2.13 2.74	1.5 8.3	2.1 11.9
1523450	939	24.69	Clay, Sand, Gravel	Overburden	23.93	24.69	Fresh	54.5	- 2.74	-	- 11.5
1523452	939	20.12	Clay, Sand, Gravel	Overburden	19.51	20.12	Fresh	227.0	3.05	14.9	21.4
1523453	939	19.20	Clay, Sand, Gravel	Overburden	18.59	19.20	Fresh	227.0	3.66	15.5	22.3
1524228	939	20.42	Clay, Sand and Gravel	Overburden	18.29	20.42	Fresh	113.5	4.88	93.1	134.1
1524230	939	15.24	Clay, Sand	Overburden	12.19	15.24	Fresh	90.8	-	-	-
1524231	939	16.76	Clay, Sand	Overburden	13.41	16.76	Fresh	68.1	-	-	-
1524232	939	20.12	Pre-Dug, Sand	Overburden	19.20	20.12	Fresh	27.2	4.57	4.5	6.4
1524240	939	10.67	Sand	Overburden	8.53	10.67	Fresh	31.8	-	-	-
1524582	939	22.86	Clay, Sand and Gravel	Overburden	20.42	22.86	Fresh	227.0	-	-	-
1527364	939	16.15	Loam, Clay, Sand and Gravel	Overburden	15.24	16.15	Fresh	22.7	3.05	10.6	15.3
1527365	939	13.11	Loam, Clay, Sand and Gravel	Overburden	12.19	13.11	Fresh	22.7	3.35	37.2	53.6
1527366 1527367	939 939	15.24 16.15	Loam, Clay, Sand and Gravel Clay, Silt, Sand and Gravel	Overburden Overburden	14.33 15.24	15.24 16.15	Fresh	22.7 22.7	3.05	3.1 37.2	4.5
1527367	939	10.15	Clay, Silt, Sand and Graver Clay, Sand	Overburden	9.75	10.15	Fresh Fresh	22.7	3.35 3.35	10.6	53.6 15.3
1527368	939	10.67	Loam, Clay, Sand and Gravel	Overburden	13.11	10.87	Fresh	22.7	3.05	74.5	107.2
1527370	939	13.11	Clay, Sand and Gravel	Overburden	12.19	13.11	Fresh	22.7	2.13	74.5	107.2
1527371	939	11.89	Loam, Clay, Sand and Gravel	Overburden	10.97	11.89	Fresh	22.7	1.83	24.8	35.7
1527372	939	14.02	Loam, Clay, Sand and Gravel	Overburden	13.11	14.02	Fresh	22.7	1.52	7.4	10.7
1527373	939	12.50	Loam, Clay, Sand and Gravel	Overburden	11.58	12.50	Fresh	22.7	1.52	18.6	26.8
1529988	939	11.58	Sand, Clay, Gravel	Granite/Limestone	12.80	75.59	Fresh	45.4	10.67	0.8	1.2
1530770	939	12.19	Clay, Sand	Overburden	10.97	12.19	Not Tested	45.4	5.49	24.8	35.7
1530811	939	12.50	Clay, Sand	Overburden	11.28	12.50	Fresh	36.3	5.49	59.6	85.8
1531603	942	-	Abandoned	-	-	-	-	-	-	-	-
1533930	944	-	Abandoned	-	-	-	-	-	-	-	-
A342318	964	-	-		-	-	-	-	-	-	-

Summary of OHIG Well Chemistry Data

Well ID	Aquifer Type	Data Origin	Sampled Date	Colour	DOC	EC	F Hardness	H2S	Ion Balance	NH3 NO2	NO2NO3	NO3 pH	Phenols	PO4	SO4 T/	A Tannin and Lig	TDS	TKN Turbidity
	1523453 Overburden	06T-86039	1998-03-11							0.58	0.05	0.05						0.58
	1523453 Overburden	06T-86039	1993-01-01	46						0.65	0.05	0.05						
	1523453 Overburden	06T-86039	1989-01-01	32						0.35								
	1524228 Overburden	15-86-3058 Phase 1 - DW	1989-11-01	14						0.28								0.41
	1524229 Overburden	15-86-3058 Phase 1 - DW	1989-11-01	9						0.11								0.65
	1524230 Overburden	06T-86039	1998-03-11							1.18	0.05	0.05						1.35
	1524230 Overburden	06T-86039	1993-01-01	114						1.82	0.05	0.05						
	1524230 Overburden	06T-86039	1989-01-01	101						0.75								
	1524231 Overburden	06T-86039	1998-03-11							1.41	0.05	0.05						1.86
	1524231 Overburden	067-86039	1993-01-01	147						1.79	0.05	0.05						1.00
	1524231 Overburden	06T-86039	1989-01-01	177						1.13	0.05	0.05						
	1524232 Overburden	15-86-3058 Phase 1 - DW	1989-11-01	11						0.05								0.05
	1524232 Overburden 1524240 Overburden	15-86-3058 Phase 1 - DW	1989-11-01	12						0.05								0.05
		15-86-3058 Phase 1 - DW		6							0.36	3.6						0.03
	1524240 Overburden		1993-01-01	0						0.05	0.30	3.0						
	1524321 Overburden	15-86-3064 Phase 2	1990-04-01							0.22								
	1524323 Overburden	15-86-3064 Phase 2	1990-04-01	4						0.19								
	1524325 Overburden	15-86-3064 Phase 2	1990-04-01	6						0.05								
	1524326 Overburden	15-86-3064 Phase 2	1990-04-01	10						0.16								
	1524327 Overburden	15-86-3064 Phase 2	1990-04-01							0.05								
	1524329 Overburden	15-86-3064 Phase 2	1990-04-01							0.17								
	1524330 Overburden	15-86-3064 Phase 2	1990-04-01							0.19								
	1524331 Overburden	15-86-3064 Phase 2	1990-04-01	11						0.17								
	1524331 Overburden	15-86-3064 Phase 3	1993-06-01		80													
	1524332 Overburden	15-86-3064 Phase 2	1990-04-01	4						0.12								
	1524334 Overburden	15-86-3064 Phase 2	1990-04-01	11						0.16								
	1524335 Overburden	15-86-3064 Phase 2	1990-04-01							0.14								
	1524341 Overburden	15-86-3064 Phase 2	1990-04-01	11						0.18								
	1524363 Overburden	15-86-3064 Phase 2	1990-04-01	11						0.1								
	1524364 Overburden	15-86-3064 Phase 2	1990-04-01	13						0.05								
	1524365 Overburden	15-86-3064 Phase 2	1990-04-01	121						0.97								
	1524527 Overburden	15-86-3064 Phase 2	1990-04-01	248						0.63								
	1524528 Overburden	06T-86039	1998-03-11							1.35	0.05	0.05						1.35
	1524528 Overburden	06T-86039	1993-01-01	83						0.81	0.05	0.05						
	1524528 Overburden	06T-86039	1989-01-01	39						0.44								
	1524578 Overburden	06T-86039	1998-03-11							1.01	0.05	0.05						1.26
	1524578 Overburden	06T-86039	1993-01-01	103						1.34	0.05	0.05						1.20
	1524578 Overburden	06T-86039	1989-01-01	62						0.72	0.05	0.05						
	1524579 Overburden	06T-86039	1989-01-01 1998-03-11	02						0.72	0.05	0.05						1.02
																		1.02
	1524579 Overburden	06T-86039	1993-01-01	81						1.41	0.05	0.05						
	1524579 Overburden	06T-86039	1989-01-01	13						0.64								
	1524580 Overburden	06T-86039	1998-03-11							0.58	0.05	0.05						0.68
	1524580 Overburden	06T-86039	1993-01-01	37						0.76	0.05	0.05						
	1524580 Overburden	06T-86039	1989-01-01	39						0.45								
	1524581 Overburden	06T-86039	1998-03-11							0.68	0.05	0.05						1
	1524581 Overburden	06T-86039	1993-01-01	186						0.94	0.05	0.05						
	1524581 Overburden	06T-86039	1989-01-01	246						0.4								
	1524582 Overburden	06T-86039	1989-01-01	282						0.39								
	1527364 Overburden	06T-86039	1998-03-11							0.69	0.05	0.05						0.81
	1527364 Overburden	06T-86039	1993-01-01	28						1.15	0.05	0.05						
	1527364 Overburden	06T-86039	1989-01-01	8						0.61								
	1527365 Overburden	06T-86039	1998-03-11							0.13	0.05	0.05						0.25
	1527366 Overburden	06T-86039	1998-03-11							0.19	0.05	0.05						0.26
	1527367 Overburden	06T-86039	1998-03-11							0.15	0.05	0.05						0.26
	1527368 Overburden	06T-86039	1998-03-11							0.08	0.05	0.05						0.17
	1527369 Overburden	06T-86039	1998-03-11							0.2	0.05	0.05						0.29
	1527370 Overburden	06T-86039	1998-03-11							0.93	0.05	0.31						1.29
	1527371 Overburden	06T-86039	1998-03-11							0.19	0.05	0.05						0.29
	1527372 Overburden	06T-86039	1998-03-11							0.19	0.05	0.03						0.53
	1527373 Overburden	067-86039	1998-03-11							0.51	0.05	0.54						0.71
	1534287 Overburden	PGMN WELLS NAD83	2004-06-24	184		5.4 1540	0.36			0.31	0.005	0.34	77	0.01	95.6	482	0	24 0.79
	1534287 Overburden 1534287 Overburden	PGMN_WELLS_NAD83 PGMN_WELLS_NAD83	2004-06-24 2015-11-02	318		5.8 2040		261		0.18	0.003	0.025	8.29	0.0205	95.6	382	9.	
		PGMN_WELLS_NAD83 PGMN_WELLS_NAD83									0.003						11	
	1534292 Bedrock		2006-11-30	196		2 1400 3.3 1410		201		0.17		0.05	8.15	0.06	99	303		0.26
	1534292 Bedrock	PGMN_WELLS_NAD83	2007-12-06	228			0.99	202		0.21	0.01	0.05	7.94	0.015	93	300		0.36
	1534292 Bedrock	PGMN_WELLS_NAD83	2004-06-24	274		1.2 1560		202		0.025	0.01	0.025	8.22	0.03	116	288		37 0.28
	1534292 Bedrock	PGMN_WELLS_NAD83	2008-10-30	266		1.5 1580		219		0.06		0.025	8.3	0.01	117			23 0.23
	1534292 Bedrock	PGMN_WELLS_NAD83	2009-11-12	219		1.3 1360		218		0.06	0.0025	0.025	7.94	0.01	99	310		82 0.19
	1534292 Bedrock	PGMN_WELLS_NAD83	2010-11-01	286		1.2 1910		225		0.19	0.0025	0.025	8.27	0.01	143	279	10	
	1534292 Bedrock	PGMN_WELLS_NAD83	2011-11-24	477		1.4 2290		280		0.46	0.008	0.27	8.11	0.04	154	314	13	
	1534292 Bedrock	PGMN_WELLS_NAD83	2012-11-21	313		1.4 1720		210		0.25	0.025	0.25	7.96	0.1	127	295		98 0.2
	1534292 Bedrock	PGMN_WELLS_NAD83	2013-10-17	427		1.8 2080	1.02	270		0.195	0.004	0.036	8.14	0.0046	158	276	12	20 0.3
	1534292 Bedrock	PGMN_WELLS_NAD83	2014-10-24	446		1.7 2250		290		0.232	0.002	0.01	8.15	0.0069	159	287	13	
		PGMN WELLS NAD83	2015-11-02	648		1.6 2970		365		0.293	0.002	0.026	8.2	0.007	192	263	16	
ļ	1534292 Bedrock																	
1521369 - T\	1534292 Bedrock W1 (340 Min) Overburden	15-86-3058 Phase 1	1987-06-01	54		880	) 1	277	0	0.05	0.05	0.1	7.81		3	456		
	1534292 Bedrock W1 (340 Min) Overburden 21369 (TW1) Overburden			54 38		880	1	277	0	0.05	0.05	0.1	7.81		3	456		

Well ID Aquifer Type	Data Origin	Sampled Date CI	Colour	DOC	EC	F Har	rdness	H2S	lor	Balance	NH3	NO2	NO2NO3	NO3	pH	Pheno	s PC	04 SO4	1	TA	Tannin and Lig	TDS	TKN	Turbid	ity
1521378 - TW5 (340 Min) Overburden	15-86-3058 Phase 1	1987-06-01	5		30	0.84		114	0			.05	0.05		3.48	7.86			16	7	2				-
1527365 (1440 Min) Overburden	06T-86039	1993-01-01	7								0	.05	0.05		0.05										
1527366 (1440 Min) Overburden	06T-86039	1993-01-01	19								C	.13	0.05		0.05										
1527367 (1440 Min) Overburden	06T-86039	1993-01-01	5									0.1	0.05		0.05										
1527368 (1440 Min) Overburden	06T-86039	1993-01-01	4									.05	0.05		0.05										
1527369 (1440 Min) Overburden	06T-86039	1993-01-01	8									.13	0.05		0.05										
1527370 (1440 Min) Overburden	06T-86039	1993-01-01	110									.56	0.05		0.05										
1527371 (1440 Min) Overburden	06T-86039	1993-01-01	32									.11	0.05		0.05										
1527372 (1440 Min) Overburden	06T-86039	1993-01-01	62									.22	0.05		0.05										
1527373 (1440 Min) Overburden	06T-86039	1993-01-01	79									.28	0.05		0.05										
TW1 Overburden	15-86-3064	1986-08-26	2			0.21		105				0.1			0.1	7.55			8						
TW2 Overburden	15-86-3064	1986-10-14	86		990			252				0.1			0.1	7.75			36	45					
TW3 (356 Min) Overburden	15-86-3058 Phase 1 15-86-3064 Phase 2	1987-06-01 1990-04-01	14		650	0.51		328	0			.05	0.05		0.1	7.96			5	35	4				
Unknown (Lot 1) Overburden Unknown (Lot 1) Overburden	15-86-3064 Phase 2	1990-04-01	9									.07											120		
Unknown (Lot 1) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.14						.07											120		
	15-86-3058 Phase 1 - DW		54			0.14																	150	0.72	
Unknown (Lot 11) Overburden Unknown (Lot 12) Overburden	15-86-3058 Phase 1 - DW 15-86-3064 Phase 3	1989-11-01 1993-06-01	0.5			0.2						0.1											150	0.73	
Unknown (Lot 12) Overburden	15-86-3064 Phase 3	1993-06-01	0.5	213	26			134	0.02			.38	0.05		0.05	7.13	0.001		8	14	5	2.5	150	0.66	0.62
Unknown (Lot 12) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	41	213	20.	0.2		134	0.02			.58	0.05		0.05	7.13	0.001		0	14	5	2.3	150	0.68	0.02
Unknown (Lot 12) Overburden Unknown (Lot 13) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	32									0.3												0.3	
Unknown (Lot 13) Overburden	15-86-3058 Phase 1 - DW 15-86-3064 Phase 2	1989-11-01 1990-04-01	34									.16												0.3	
Unknown (Lot 14) Overburden	15-86-3058 Phase 1 - DW	1990-04-01 1989-11-01	16									.16												0.32	
Unknown (Lot 14) Overburden	15-86-3064 Phase 3	1993-06-01	6			0.15						.25											170	0.32	
Unknown (Lot 15) Overburden	15-86-3064 Phase 3	1993-06-01	-	37																					1.51
Unknown (Lot 15) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	1								(	.19												0.2	
Unknown (Lot 16) Overburden	15-86-3064 Phase 2	1990-04-01	-									.05													
Unknown (Lot 16) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.24																	180		
Unknown (Lot 17) Overburden	15-86-3064 Phase 3	1993-06-01	1			0.12																	110		
Unknown (Lot 18) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.28																	120		
Unknown (Lot 18) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	0.5								C	.05												0.05	
Unknown (Lot 19) Overburden	15-86-3064 Phase 3	1993-06-01	1			0.11																	180		
Unknown (Lot 19) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	0.5								c	.05												0.05	
Unknown (Lot 19) Overburden	15-86-3058 Phase 1 - DW	1993-01-01	3								C	.05	0.05		0.05										
Unknown (Lot 2) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.18																	110		
Unknown (Lot 20) Overburden	15-86-3064 Phase 2	1990-04-01	7								c	.11													
Unknown (Lot 20) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.14																	170		
Unknown (Lot 20) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	0.5									.05												0.05	
Unknown (Lot 21) Overburden	15-86-3064 Phase 2	1990-04-01	8								0	.14													
Unknown (Lot 21) Overburden	15-86-3064 Phase 3	1993-06-01	2			0.2																	110		
Unknown (Lot 21) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	5									.05												0.36	
Unknown (Lot 22) Overburden	15-86-3064 Phase 2	1990-04-01	14								C	.17													
Unknown (Lot 22) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.13																	110		
Unknown (Lot 23) Overburden	15-86-3064 Phase 2	1990-04-01	15									.05													
Unknown (Lot 23) Overburden	15-86-3064 Phase 3	1993-06-01	0.5			0.08																	90		
Unknown (Lot 24) Overburden	15-86-3064 Phase 2	1990-04-01	15									.05													
Unknown (Lot 27) Overburden	15-86-3064 Phase 2	1990-04-01	4									.05													
Unknown (Lot 28) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	0.5									.05												0.05	
Unknown (Lot 29) Overburden	15-86-3064 Phase 2	1990-04-01	5									.25													
Unknown (Lot 29) Overburden	15-86-3058 Phase 1 - DW	1989-11-01	0.5									.05												0.05	
Unknown (Lot 3) Overburden	15-86-3064 Phase 2	1990-04-01										0.2													
Unknown (Lot 3) Overburden	15-86-3064 Phase 3		0.5	45		0.14			0.02			0.2	0.05		0.05	7.70	0.001		10			0.7	120		
Unknown (Lot 3) Overburden	15-86-3064 Phase 3 15-86-3064 Phase 2	1993-06-01	6	45	193	/ 0.14		91	0.02			0.2	0.05		0.05	7.76	0.001		10	9	4	0.7	120	0.44	0.6
Unknown (Lot 30) Overburden	15-86-3064 Phase 2 15-86-3064 Phase 3	1990-04-01				0.14						.22											140		
Unknown (Lot 5) Overburden		1993-06-01	0.5			0.14						20											140		
Unknown (Lot 6) Overburden Unknown (Lot 6) Overburden	15-86-3064 Phase 2 15-86-3064 Phase 3	1990-04-01 1993-06-01	15 0.5			0.13						.28											130		
			0.5			0.13						52	0.05		0.05								130	0.54	
Unknown (Lot 6B) Overburden Unknown (Lot 6B) Overburden	06T-86039 06T-86039	1998-03-11 1993-01-01	19									.52	0.05		0.05									0.54	
Unknown (Lot 6B) Overburden Unknown (Lot 7) Overburden	15-86-3064 Phase 2	1993-01-01	19									.36	0.00		0.00										
Unknown (Lot 7) Overburden	15-86-3064 Phase 2	1990-04-01	1			0.17					L. L.	.30											140		
Unknown (Lot 7) Overburden Unknown (Lot 8) Overburden	15-86-3064 Phase 3	1993-06-01	11			0.1/						.37											140		
Unknown (Lot 8) Overburden	15-86-3064 Phase 2	1990-04-01	1			0.22					L. L.												100		
Unknown (Lot 8) Overburden	15-86-3058 Phase 1 - DW	1993-06-01	13			0.22						0.1											100	0.11	
Unknown (Lot 8) Overburden	15-86-3058 Phase 1 - DW	1993-01-01	25									0.1	0.05		0.05									V.44	
Unknown (Lot 8) Overburden Unknown (Lot 9) Overburden	15-86-3058 Phase 1 - DW 15-86-3064 Phase 2	1993-01-01 1990-04-01	10									.28	0.00		0.00										
Unknown (Lot 9) Overburden	15-86-3064 Phase 2	1990-04-01	0.5			0.16					ι ι												140		$\rightarrow$
Onknown (coc 9) Overodiden	*3-00-3004 FildSC 3	1333-00-01	v.J			0.10																	140		



# ATTACHMENT A

# MOE WELL RECORD FOR TW1, CERTIFICATE OF COMPLIANCE PROVIDED BY WELL DRILLER AND AREA WELL RECORDS AND MAP

🕅 Or	Well Tag	Well Tag No. (Place Sticker and/or Print Below)									lecord			
0				A051	1520		A 08	5152	0	Regulation	903 C	Page_		ources Act
Well Owner's	Information													
First Name MacBeth Me	echanical	Last N	ame			E-ma	ail Addres	S					Well Co by Well	nstructed Owner
Mailing Address				Municipa	ality			Provi	nce	Postal Code		Telephone		
13 Neely Part A Constr				Well	unrob			On	tario	K OA 1				0 1 8 0
Address of Well			ne, RR)		Township	p Verst		Каг	nata	Lot 27		Concessio	3	
County/District/M Ottawa Ca	Municipality				City/Towr	n/Village Dunro					Provin Ont		Posta	Code
UTM Coordinates	Zone Easti	ng	Northing	GF	PS Unit N		Model		Mode of	Operation:	Undiffe	rentiated	🗙 Av	eraged
NAD 8 3 Overburden an	1 1 2 1 7 8	028			in from		Garmi	n	Differ	entiated, specify_				
General Colour		mon Material	instructions on	Other Mate	12.2			1.1.6	General	Description	<u>e</u> 1		Depti	n (Metres)
Brown	C1a	av							Packe	d			0	7.61
Brown	Sar												7,61	11.58
Gray	Sar	nd											11.58	17.98
							100							
	Annular	Conces/Aber	danmant Ca	alling Pages						Results of We	VII Via	d Tostina		
Depth Set at (Me	tres)		Sealant Used	aling Recol	V	/olume F		Check bo water wa		est of well yield,	Dr	aw Down	R	ecovery
From To			l and Type)			Cubic M		Clea	ir and san		Time (Min)	Water Lev (Metres)		Water Level (Metres)
7.61 0	Groute	ed - Ben	tonite S	lurry		132m3	5	state	9	op to sand-free	Static Level	4.91	Static Level	
								If pumpin	ig discontir	ued, give reason:	1	6.51	1	5.62
								Pumping	test meth	bod	2	6.71	2	5.36
Mathed	of Construction			Water L	las				nersib take set a		3	6.78	3	5.05
Cable Tool	Dia		Public	Comm			t used		13.71	States and	4	6.81	4	4.98
Rotary (Conver			Domestic Livestock	Municip			watering	1.	rate (Litre 54.6	əs/min)	5	6.81	5	4.95
Rotary (Air)	Digging Irrigation				g & Air Co	onditionin	ig	Duration	of pumpin	ng min	10	6.82	10	4.93
Other, specify			Other, specify					Final wat		d of pumping	15	6.83	15	4.93
Water Supply		watering Well	is of Well	Observ	ation and/	or Monito	ning Hole	(Metres)	6.84 nended pu		20	6.83	20	4.92
Replacement V     Test Hole		andoned, Insuff andoned, Poor			Iteration (Construction) ther, specify			Shal		Юеер	25	6.83	25	4.91
Recharge Well	Ab	andoned, other						82 a 1 1		imp depth	6.83	30		
Please provide a r	map below show		ion of Well			-		Recomm (Litres/m)	71 Metro nended pu	imp rate	40	6.83	40	
<ul> <li>all property bour</li> <li>an arrow indicati</li> </ul>	ng the North dire	ection					11s,	1000	45. give rate	.5	50	6.83	50	
<ul> <li>detailed drawing</li> <li>vidigital pictures</li> </ul>				an legal size	(8.5" by 1	14")		(Litres/m			60	6.83	60	
					Ħ						r Deta			
	Duncol	in Rd							ound at D		of Wate	Salty	Sulphur	Minerals
	Dunrok 8 p.3 # 2				5	-)			ound at D	epth Kind o	of Wate		Sulphur	Minerals
	8 pr	1055				ě.		Water fe	ound at D		of Wate			
	1 40	14 2				Fr.			Metres	L Ous L				Minerals
	1 22					F		Casir	ng Used	Screen Used		Casing ameter of the	the second se	I Details entimetres)
								Steel		Steel	8	15.86 apth of the H	94//	16.93-17.9
Date Well Comp	leted Was the	well owner's ir	formation	Date the Well	Record a	and Pack	age	Fibreg		Fibreglass			17.98	
(yyyy/mm/dd) 2008/3/12		delivered?	es No	Delivered to V 2008/3		er (yyyy/i	mm/dd)	Concr	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Concrete	1.1	all Thickness	s (Metres) .48	
	Well Cont	tractor and V	Vell Technic	ian Inform	ation					nd Screen Used	In	side Diamete		Casing (Metres)
Business Name of				W				Disinfecte	en Hole		D	epth of the C	15.86 asing (M	
Capital W Business Address	s (Street No./Na	ame, number,	RR)	Municip	1 5 bality	5	8	- Yes				.45 t	<del>o 16</del> .	
Box 490 Province	Postal Co	de "Busir	iess E-mail A		tsvil	le		Audit No.		Ministr	-	Only Contractor N	0.	
Ontario Bus Telephone No					ater.	ca ne)			Z / /	320		f Inspection		Vdd)
61 3 8 3	61766	Mi11	er. Ster	hen				JUL	V U Z ZU	800				
Well Technician's L	Licence No. Sigr	nature of Tech	nician	Di	ate Submi		· ·	Remarks						
0506E (11/2006)	3 1 1 2	y	de.		_2008, Mii	, . ,	s Copy	L				© Queer	n's Printer	for Ontario, 2006



# CERITFICATE OF WELL COMPLIANCE

 Capital Water Supply Ltd\_\_\_\_\_\_ID HEREBY CERTIFY that I am licensed to drill wolls in the Province of Ontario, and that I have supervised the drilling of a woll on the property of \_\_\_\_\_\_MacBeth Mechanica \_\_\_\_\_\_(Nsine of Landowner), logated at \_\_\_\_\_\_2742 Dunrobin Roa \_\_\_\_\_\_\_(Legel Description. Lov/Flan No.) In the City of Ottawa (Geographical Township of \_\_\_\_\_\_).

CERTIPY FURTHER that, I am awars of the well drilling requirements, the guidelines, recommendations and regulations of the Ministry of the Environment governing well installations in the Province of Onterio, and the standards specified in any subdivision spreament and hydrogeological report applicable to this site and City Standards.

AND DO HEREBY CERTIFY THAT the said well has been drilled, eased, grouted (connent or bentonite) as applicable and constructed in strict conformity with the standards required.

2008 day of Signed this 12 Well Driller/Company

The Engineer on behalf of the landowner set out above Certifics that he/she has inspected the well and it was constructed in accordance with the specifications in O.Rey.903, this report and the Hydrogeological Report with regards to casing length and growting requirements.

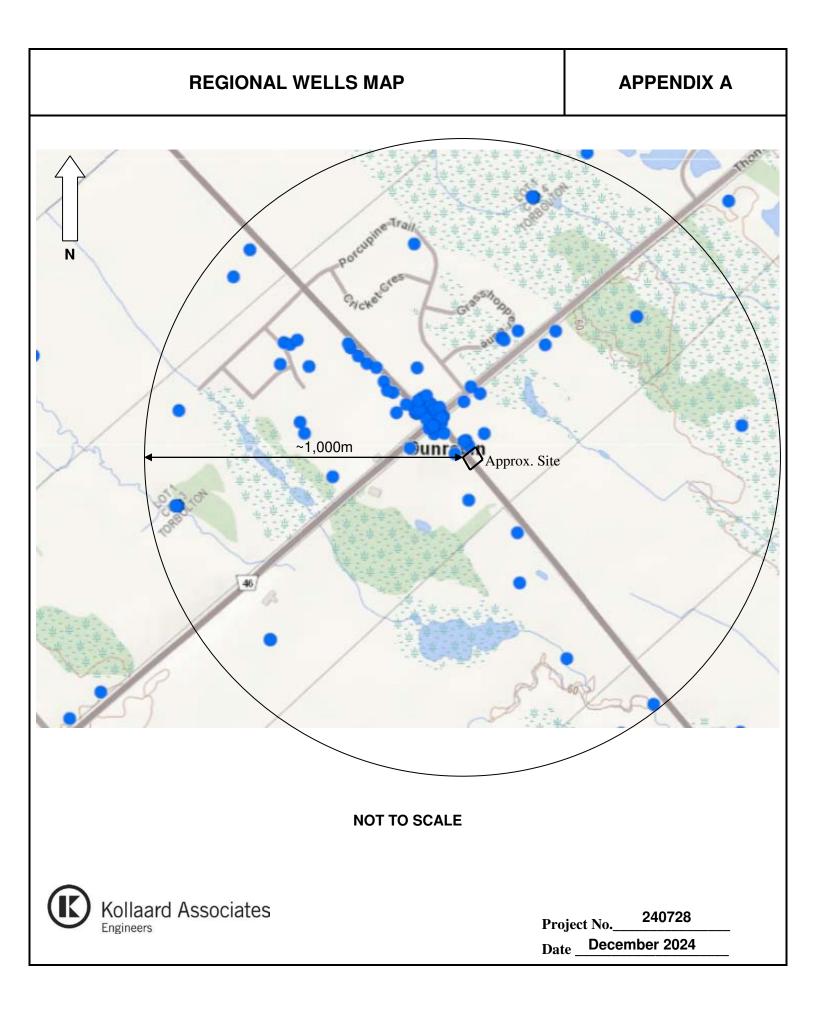
SIGNED uhle 28th day of Engineer MO ASSOC MES

Shapine nu funim nogether Weemble, furmons notr avenir

Licy of Orraws Client Sardezo Co. 179 REAL VIANAL SURA CLIENT ON EDE PR

VIIIs d'Ottans Crime de service 1963, que Victoria Comuna tito deux reg

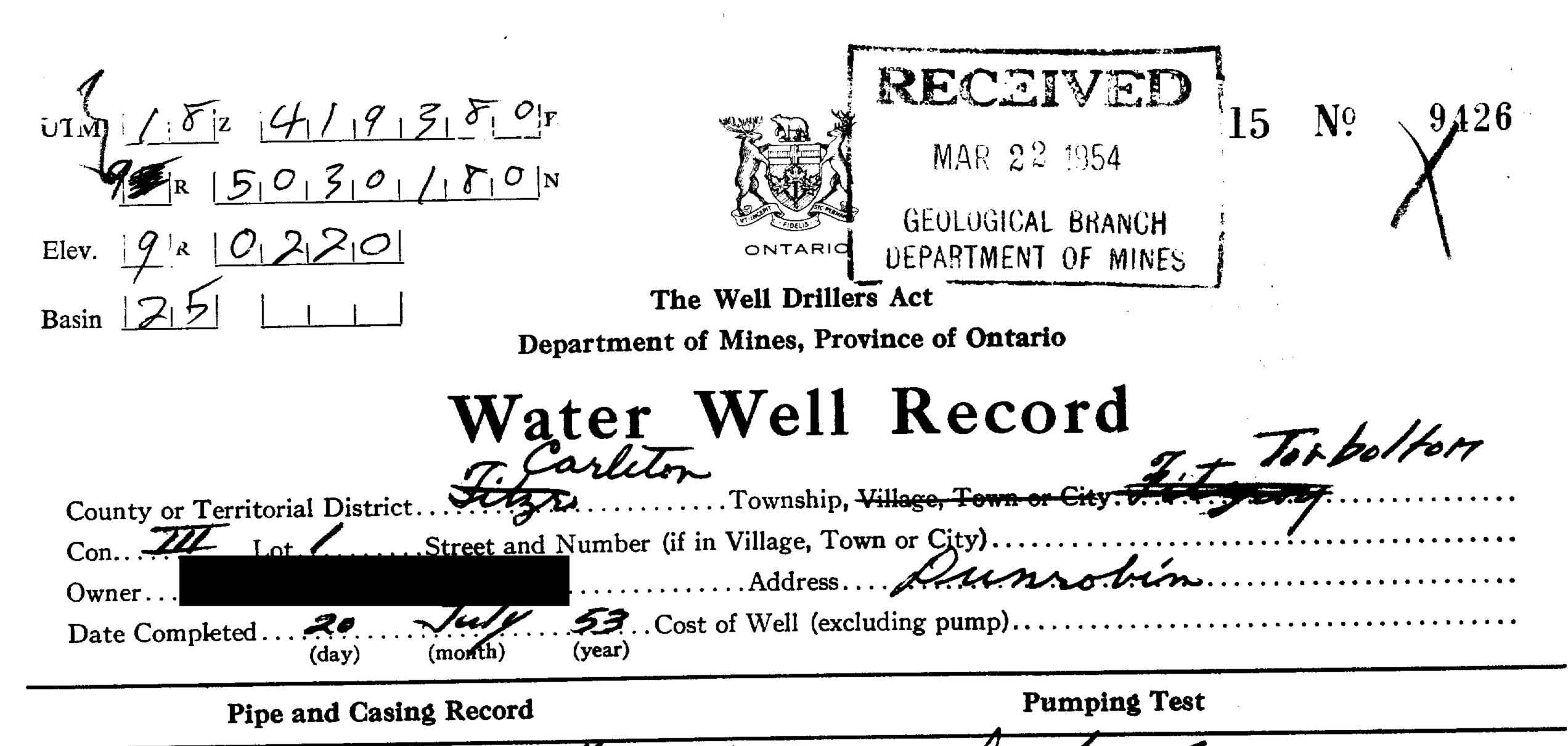




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Elev. 19 R 0 2-110	ONTARIO		MAY	18 1951	$\Lambda$
7	he Well Drillers	Act	GEOLOG	HGAL BRANCH	
Basin 25 Departmen	t of Mines, Provir	nce of Ont	ario DEPARTM	ENT OF MINE	s I
Water	<b>W</b> _11	Daa			
	Well				<i>}</i>
Confortion	Township, Vil	lago Tom	or City	March	, , , , , , , , , , , , , , , , , , ,
	Cown	or City)	obin		
Date Completed. (day) (year) (year)	Cost of Well (exclud	ing pump).	• • • • • • • • • • • • • • • • • •		••••
Pipe and Casing Record			Pumping Test		
Coring diameter(a)	Date			· · · · · · · · · · · · · · · · · · ·	
Casing diameter (s)	Static level.		6	· · · · · · · · · · · · · · · · · · ·	
Type of screen.					
Length of screen	1				
Distance from top of screen to ground level			· · · · · · · · · · · · · · · · · · ·		
Is well a gravel-wall type?	Distance from	m cylind <b>er</b>	or bowls to groun	d level	••••
	Water Record				
Kind (fresh or mineral)	A		Depth(s) to Water	Kind of	No. of Feet
Quality (hard, soft, contains iron, sulphur, etc.)	State -		to Water Horizon(s)	Water	Water Rises
Appearance (clear, cloudy, coloured)	······································		31	And	25
For what purpose(s) is the water to be used? $\chi$	onghold.	••••		Just level	
	<b>.</b>		•••		
How far is well from possible source of contaminati What is the source of contamination?	Onr	. <b>%</b> av	•••		-
Enclose a copy of any mineral analysis that has been					
Well Log			1		
Overburden and Bedrock Record	From	To	Loc	ation of Well	
Jepsol.	0 ft.	ft.	-	below show dist	
- Arhuyl		31		oad and lot lin h by arrow.	ne. In-
Live son o	ú[	-			P
		-		NN /	/ 1
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			A MARCAN CONTRACT	No 1	
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		-		$\sim$	<i>ت</i>
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			Star Star	8 Jr	
	·· >	<u> 1</u>		<u> </u>	<u> </u>
Situation: Is well on upland, in valley, or on hills Drilling Firm	ide?	•••••			• • • • • • • • • •
	 2				
	·····				
Date		<b>.</b>	Number		
France 6		· ••	Simature	of Licensee	
FORM 5			Signature (		
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	ownship, Village, T	Act ORD Cown or City 23 (day	March	er Ission
	ress Dui	nrobin	Ch1.	
Casing and Screen Record		Pumpir	-	
Inside diameter of casing $5^{-\prime\prime}$ Total length of casing $92^{1}$	Test-pumping ra	ate	2	G.P.M.
Type of screen none Length of screen	Duration of test	pumping	5 his	
Depth to top of screen Diameter of finished hole <b>4</b> <sup>3</sup> / <sub>9</sub> "	Water clear or cl Recommended	loudy at end o pumping rate	f test C/E 2 feet belo	G.P.M. w ground surface
Well Log				r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
sand & clay Fine sand Granite	0 52 92	5 <sup>-</sup> 2 92 130 130	120-130	fres 11
For what purpose(s) is the water to be used? hesse hold Is well on upland, in valley, or on hillside? upland Drilling or Boring Firm Mcbean Water Supply ATd Address 1532 Raven Ave ON awa 3 Licence Number 1686	road and	am below show 1 lot line. In	of Well w distances of we adicate north by March	Il from arrow. Tor bollon
Licence Number Name of Driller or Borer Address Date (Signature of Licensed Drilling or Boring Contractor) Form 7 15M-60-4138 OWRC COPY		Road ±	0.25 -> = 20	

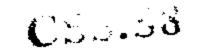


				4	
		kana B	ay Fund		y
			3 m	ile Min	
				· Your	
Jun clay gravel	63	67			
brown hard clay		25	dicate north	ad and lot li by arrow.	ne. m-
1	0 ft.	ft.	-	elow show dis	
Overburden and Bedrock Record	From	To	Loca	tion of Wel	1
How far is well from possible source of contamination? What is the source of contamination? Enclose a copy of any mineral analysis that has been mad Well Log	301 yard	<i>f</i>			
For what purpose(s) is the water to be used?	uch	Id			
Quality (hard, soft, contains iron, sulphur, etc.).	uny.		. Horizon(s)	soft.	48
Kind (fresh or mineral)	eg.		. Depth(s) to Water	Kind of Water	No. of Fo Water R
	ater Record				
Distance from top of screen to ground level	Distance from	ı cylinder o	r bowls to ground	level	
Casing diameter (s)	Pumping rate	est	30 m	inut	
Type of screen	Pumping leve	۹ مرکز ا			

Overburden and Bedrock Record	From	To	Location of wen
	. 0 ft.	ft.	In diagram below show distances of
There hard clar	0	25	well from road and lot line. In-
brown hard clay	25	63	dicate north by arrow.
grand	63	64	
		_	
		-	1 2 . Ym
			gmile m
	Cons	tana B	ay []
		<u>pa</u>	Burrobin
	······································		
		[	
Situation: Is well on upland, in valley, or on hillside?.	111	land	

K Loparka Signature of Licensee

FORM 5



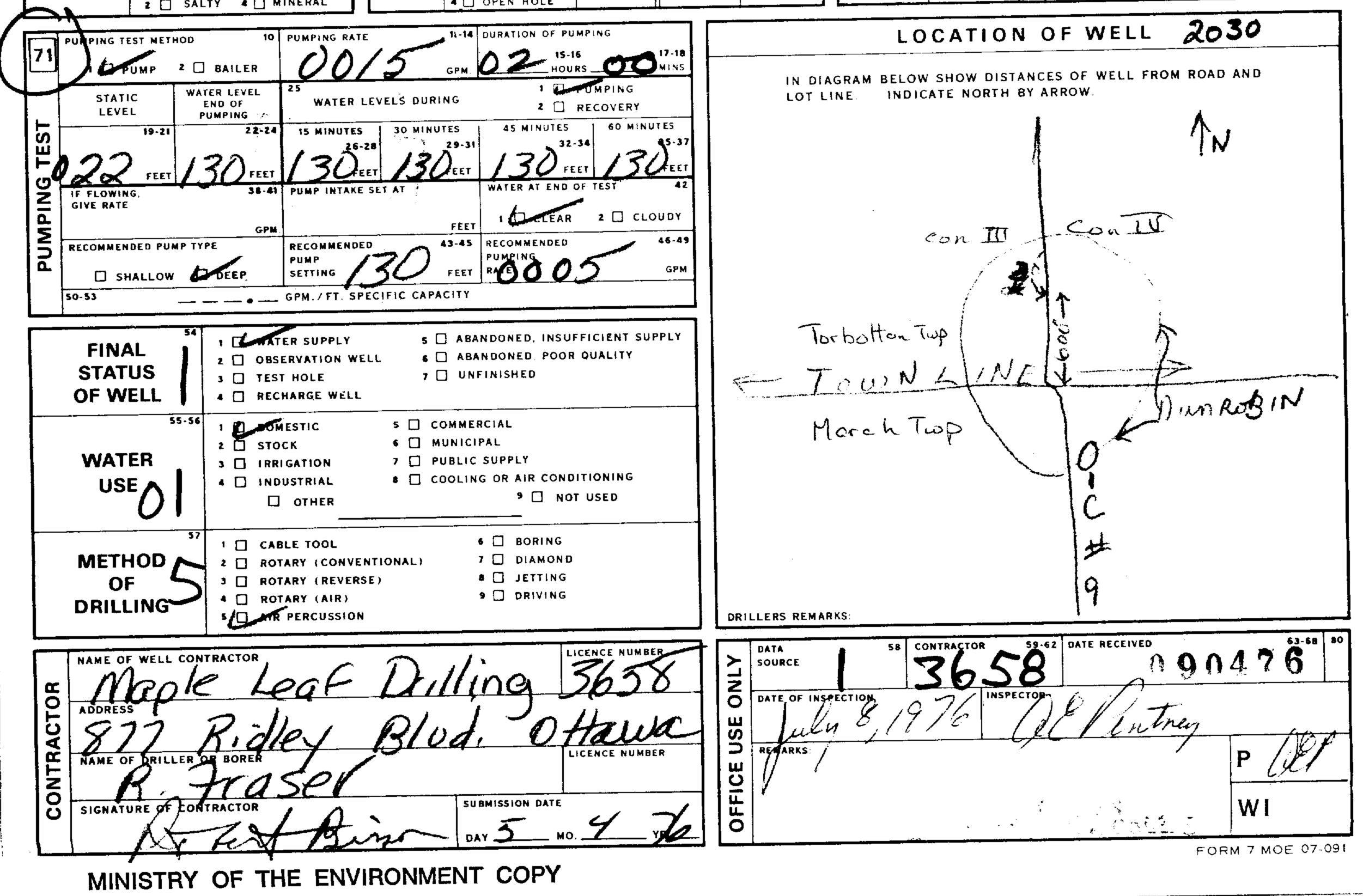
management in	Ontario 1. PRINT ONLY IN SP	ACES PROVIDED	151034	2-	MUNICIP. 150/0	Ctor 15	V	22 23
		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE			BLOCK, TRACT, SURVEY			.0T 25-21
Carleto						DATE COMP		9-53 YR. 6
		30380 4	ELEVATION	RC.	BASIN CODE			
	M 10 12	G OF OVERBURDEN AND BEDRO	26	30	31		······································	
	LO	OTHER MATERIALS			L DESCRIPTION		DEPTH	- FEET
ERAL COLOUR	COMMON MATERIAL						0	41
grey brown	boulders						41	43
grey	sand	a little gravel					43	77
grey	limestone						77	140
				· <b></b> · <b>_</b>				
~							<u></u>	
$\overline{1}$ $bas$	12ast 1 094	43613 1 007720911	6/402/5					
					54			75
	IA 15 21	51 CASING & OPEN HOLI	ERECORD		(S) OF OPENING T NO.)	31-33 DIAM		
TED FOUND	KIND OF WATER	INSIDE WALL DRAM. MATERIAL THICKNESS INCHES FI	DEPTH - FEET ROM TO	ш .	ERIAL AND TYPE		DEPTH TO TOP OF SCREEN	
110 13 1	FRESH 3 SULPHUR 14	06 10-11 2 STEEL 12 3/16	<b>78</b>	Ň.				FEET
	FRESH 3 SULPHUR	3 CONCRETE 4 OPEN HOLE	0078	لير	PLUGGING	& SEA	-	
20-23		17-18 1 🗌 STEEL 19 2 🗍 GALVANIZED	- 0140	FROM		ATERIAL ANI		AD PACKER, ET
25.24	SALTY         4         MINERAL           FRESH         3         SULPHUR         29	4 OPEN HOLE	27-30		18-21 22-25		. <u></u>	
20-23	SALTY         4         MINERAL           I         FRESH         3         SULPHUR			2	6-29 30-33 80			
	2 SALTY 4 MINERAL	4 OPEN HOLE						
	0005			_	LOCATION			ID.
STATIC	WATER LEVEL 25 END OF WAT			AGRAM B INE. INI	DICATE NORTH BY ARRO	SOF WELL I		/
19 19	PUMPING -21 22-24 15 MINUT -21 0 0 0	29-31 32-34 35-37			20'			
		$\begin{array}{c c} FEET & 140 \\ \hline FEET & FEET \\ \hline FEET & WATER AT END OF TEST \\ \hline 42 \\ \hline $						
GIVE RATE	GPM.	FEET CLEAR 2 CLOUDY		•	2 m.			
RECOMMENDED	PUMP TYPE RECOMMENT PUMP OW SETTING	130 FEET RATE 4 GPM			÷.	LDUN	ROBI	$\sim$
	<u> </u>	CIFIC CAPACITY	CONF	¥ L	1~ e			
		5 🗌 ABANDONED, INSUFFICIENT SUPPLY						
	1 WATER SUPPLY	WELL 6 ABANDONED. POOR OUALITY						
FINAL FINAL STATUS	2 OBSERVATION V 3 TEST HOLE	7 🔲 UNFINISHED						
FINAL	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC	7 D UNFINISHED			1. 20			
FINAL STATUS OF WEL	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 TRRIGATION	7 UNFINISHED L 5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY			, R. 20			
FINAL STATUS OF WEL	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 OBSERVATION	7 UNFINISHED			C. K. 20			
FINAL STATUS OF WEL WATER USE	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 IRRIGATION 4 INDUSTRIAL 0 OTHER 57 1 CABLE TOOL	7 UNFINISHED  L  5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING 9 NOT USED 6 BORING		<b>y</b> (	Z. K. 20	-		u) #
FINAL STATUS OF WEL WATER USE METHOL OF	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 DIRRIGATION 4 DINDUSTRIAL 0 OTHER 57 1 CABLE TOOL 2 ROTARY (CONV 3 DIRTARY (REVE	7 UNFINISHED L 5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING 9 NOT USED 6 BORING FENTIONAL) 7 DIAMOND		<u>y 1</u>	2 K. 20	<b>г</b> о (	0 T T A	w <b>A</b>
FINAL STATUS OF WEL WATER USE METHOI OF DRILLING	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 IRRIGATION 4 INDUSTRIAL 0 OTHER 57 1 CABLE TOOL 2 ROTARY (CONV 3 ROTARY (AIR) 5 AIR PERCUSSIO	7 UNFINISHED	DRILLERS REMARK	(S:				
FINAL 50-53 FINAL STATUS OF WEL WATER USE METHON OF DRILLING XAME OF WE	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 IRRIGATION 4 INDUSTRIAL 0 OTHER 57 1 CABLE TOOL 2 ROTARY (CONV 3 ROTARY (AIR) 5 AIR PERCUSSIO 51 AIR PERCUSSIO 51 AIR PERCUSSIO	7 UNFINISHED L 5 COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY 8 COOLING OR AIR CONDITIONING 9 NOT USED 6 BORING FENTIONAL) 7 DIAMOND RSE) 8 JETTING 9 DRIVING		<u>(S:</u> 5	8 CONTRACTOR 59-0 1802	52 DATE RE		
	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 DIRRIGATION 4 INDUSTRIAL 0 OTHER 57 1 CABLE TOOL 2 ROTARY (CONV 3 ROTARY (AIR) 5 AIR PERCUSSIO ELL CONTRACTOR DUFRESSIB	7 UNFINISHED	DRILLERS REMARK SOURCE DATE OF INSPE	<u>(S:</u> 5	8 CONTRACTOR 59-0	52 DATE RE		
FINAL 50-53 FINAL STATUS OF WEL WATER USE METHOL OF DRILLING ADDRESS 101	2 OBSERVATION 3 TEST HOLE 4 RECHARGE WEL 55-56 1 DOMESTIC 2 STOCK 3 DIRRIGATION 4 INDUSTRIAL 0 OTHER 57 1 CABLE TOOL 2 ROTARY (CONV 3 ROTARY (AIR) 5 AIR PERCUSSIO ELL CONTRACTOR DUFRESSIB	7 UNFINISHED		<u>(S:</u> 5	8 CONTRACTOR 59-0 1802	52 DATE RE		

		The Ontario Water Reso TER WEL			31F8K
COUNTY OR DISTRICT	Ontorio 1. PRINT ONLY IN SPACE 2. CHECK X CORRECT	BOX WHERE APPLICABLE	3	10 14	
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GENERAL COLOUR	MOST	OF OVERBURDEN AND BEDRO			DEPTH - FEET
		OTHER MATERIALS	GENERA	L DESCRIPTION	FROM TO
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	Jandslone				47 92
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31 00361	2/ast 1 1 / 10047:	28/3 0092218			
		CASING & OPEN HOLE		OF OPENING 31-33 IO.)	65 75 8 DIAMETER 34-38 LENGTH 39-4
10-13		INSIDE WALL D DIAM MATERIAL THICKNESS FRO INCHES FRO	DM TO MATER	AL AND TYPE	INCHES FEI DEPTH TO TOP 41-44 BI OF SCREEN
2 🗌 s		11911 1 STEEL 12 188 C		·	FEET
15-18 1 🗆 F 2 🗌 S		06 3 CONCRETE 4 OPEN HOLE			SEALING RECORD
20-23 1 🗌 F 2 🗌 S		2 GALVANIZED 19 188 4	FROM	то	(CEMENT GROUT, LEAD PACKER, ETC.)
25-28 1 🗌 F		3 □ CONCRETE 4 <del>□ CONCRETE</del> 4 <del>□ CONCRETE 4 <del>□ CONCRETE 4 <del>□ CONCRETE 4 <del>□ CONCRETE 4 <del>□ CONCRETE </del></del></del></del></del>	7 27-30 10-12		
2 🗌 S 30-33 1 🗋 F	RESH 3 SULPHUR 34 80	2 GALVANIZED 3 CONCRETE	26-29		
2		4 DOPEN HOLE	0092		
	Bailer 0006	GPM OF HOURS OF MINS	LO	CATION OF	WELL
	WATER LEVEL 25 END OF WATER LE PUMPING		IN DIAGRAM BELO LOT LINE. INDICA	W SHOW DISTANCES OF W	ELL FROM ROAD AND
ш 19-21 19-21	22-24 15 MINUTES	30 MINUTES 29-31 32-34 35-37		円	X
U FEET	38-41 PUMP INTAKE SET	AT WATER AT END OF TEST 42		A	$\sim$
	GPM. TYPE RECOMMENDED	FEET		Jan San San San San San San San San San S	
		43-45 RECOMMENDED 46-49 PUMPINODOS GPM.		्राष्ठ	
50-53	20.2 GPM./FT. SPECIFIC (	APACITY		J.	) under
FINAL	1 WATER SUPPLY 2 OBSERVATION WELL	5 🗌 ABANDONED, INSUFFICIENT SUPPLY 6 🗌 ABANDONED, POOR QUALITY	The star		
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED		$\wedge$	
55-56		COMMERCIAL		Sand R	
WATER USE	3 IRRIGATION 7	MUNICIPAL     DUBLIC SUPPLY     COOLING OR AIR CONDITIONING		to 13	
				2	
METHOD	2 CABLE TOOL 2 ROTARY (CONVENTIONA	6 🗌 BORING L) 7 🗍 DIAMOND	Ð	× B	
OF DRILLING	<sup>3</sup> TROTARY (REVERSE) <sup>4</sup> ROTARY (AIR)	8 🗌 JETTING 9 🔲 DRIVING		15' 7	
NAME OF WELL CON			DRILLERS REMARKS:		· · · · · · · · · · · · · · · · · · ·
E copital	Hater lu	pply 1558	DATA 58 CONT SOURCE 58 CONT DATE OF INSPECTION	ractor 59-62 date r 1558	63-68 BO
ADDRESS	an Itt.	ille Ant		INSPECTOR	· · · ·
	DR BOBER		REMARKS:		PK
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Martinetics     March     March     March     March       Microsofter     Sand     March     March     March       March     March     March     March       March <th>•</th> <th></th> <th></th> <th>ECT BOX WHER</th> <th>E APPLICABLE</th> <th><u></u></th> <th><u>)</u>[</th> <th>151477</th> <th></th> <th>1500</th> <th></th> <th></th> <th></th>	•			ECT BOX WHER	E APPLICABLE	<u></u>	<u>)</u> [	151477		1500			
Mentoundale Ibne (4) 350 Cluuchill N. Otherwa     ul2.15 v.2       III Goldborg SO29 (1650)     IIII Goldborg SO29 (1650)     IIIII Goldborg SO29 (1650)       IIII Goldborg SO29 (1650)     IIIII Goldborg SO29 (1650)     IIIIII Goldborg SO29 (1650)       IIIII Goldborg SO29 (1650)     IIIIII Goldborg SO29 (1650)     IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	West (	Parlet	bn	TOWNSHI	P. BOROUGH, CI	TY, TOWN, VIEL	age Agr	d	CON.	BLOCK, TRACT, SUR	VEY, NC.	3	1. of 2 Av.
Image: Status         Image: S	Meado	nale	Home	s Lt	33D	Churc	hil	INO	Hau		DAY 2	L	48-53 YR. Z
CENTRAL COLOR	21	<b>8</b>	12	17	5029	165.0	Ş	0205	5	31			
Blue Clay     Clay     Sand     Hacks 1     100     72       Gray     Liptistare     Sand     Hacks 1     79     205       Gray     Liptistare     Sand     Hacks 1     10     10       Gray     Liptistare     Sand     Sand     10     10	GENERAL COLOUR		ST	OG OF OV		···.	DROC	CK MATERIAL					· · · · · · · · · · · · · · · · · · ·
Groy     Limistance     S     Hord     79     205       31     007,93A558779     02058//573     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       32     007,93A558779     02058//573     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       33     007,93A558779     02058//573     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       34     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       35     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       36     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       37     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       38     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       38     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       39     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       39     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD       30     Image: Single OPEN HOLE RECORD     Image: Single OPEN HOLE RECORD </td <td><b>A</b>1</td> <td>Cla</td> <td></td> <td></td> <td>~</td> <td>d</td> <td></td> <td></td> <td>Pro</td> <td>Ked</td> <td></td> <td></td> <td>19</td>	<b>A</b> 1	Cla			~	d			Pro	Ked			19
31       D07,934538279       D22531/5733         32       31       D07,934538279       D22531/5733         32       32       32       33       D47,934538279       D22531/5733         31       D07,934538279       D22531/5733       1       1       1         32       1       CASING & OPEN HOLE RECORD       1 <td< td=""><td>Gray</td><td>Lime</td><td>stone</td><td>5</td><td></td><td></td><td></td><td></td><td>Ha</td><td>cd'</td><td></td><td>79</td><td>205</td></td<>	Gray	Lime	stone	5					Ha	cd'		79	205
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1       1	2 10	TER RECO	$\frac{1}{21} \frac{1}{21}$	51			DLE R	ECORD	SL (SLOT		31-33 DIAME	TER 34-38	75 80 LENGTH 39-10
10       1       0       1       0       1       0       1       0	AT - FEET			DIAM.		THICKNESS		м то		RIA AND TYPE		DEPTH TO TOP	
20-22       1       PRESH # 3       SULPHUR #4       10	15-18 1	ENESH 3	SULPHUR <sup>19</sup>		GALVANIZED		0	2 200		PLUGGI	NG & SEA	ING REC	
25-22     1     PRESN 3     SULFAUR 74       30-33     1     PRESN 3     SULFAUR 74       30-34     1     SULFAUR 74       1     SALTY 4     MINERAL       30-34     1     SULFAUR 74       1     SALTY 4     MINERAL       2     SALTY 4     MINERAL       2     SALTY 4     MINERAL       2     SALTY 4     MINERAL       1     STATY 4     MINERAL       1     STATY 4     MINERAL       1     STATY 4     MINERAL       2     SALTY 4     MINERAL       2     SALTY 4     MINERAL       2     SALTY 4     MINERAL       2     SALTY 4     MINERAL       3     SALTY 4     MINERAL       3     SALTY 4     MINERAL       1     SALTY 4       1     SALTY	20-23 1	] FRESH 3	SULPHUR 24	17-18 1 2	STEEL     GALVANIZEE	19		20-23	FROM	то	Material AN		
30-33       1       FRESH 3   SULPHUR 2440       3       CONCRETE       30-33       10         1       0 SALTY 4    MIREAR       10       CONCRETE       10       OPEN HOLE       10	25-28 1	] FRESH 3 🗌	SULPHUR <sup>29</sup>	06 4 24-25 1	DPEN HOLE	26		-					
711       1       UNMP       2       BAILER       0 <td< td=""><td>1 1 1</td><td></td><td></td><td>3</td><td>CONCRETE</td><td></td><td></td><td></td><td>26.</td><td>29 30-33 80</td><td></td><td></td><td></td></td<>	1 1 1			3	CONCRETE				26.	29 30-33 80			
Static     Ito or     WATER LEVELS DURING     2     RECOVERY       19-21     22-34     15 MINUTES     20 MINUTES     40 MINUTES     33-32       19-21     22-34     15 MINUTES     20 MINUTES     40 MINUTES     33-32       19-21     22-34     15 MINUTES     20 MINUTES     40 MINUTES     33-32       19-21     22-34     15 MINUTES     10 MINUTES     40 MINUTES     33-32       19-21     22-34     15 MINUTES     10 MINUTES     33-32       19-21     22-34     10 MINUTES     10 MINUTES     10 MINUTES       19-21     22-34     10 MINUTES     10 MINUTES     10 MINUTES       19-21     22-34     10 MINUTES     20 MINUTES     10 MINUTES       19-21     22-34     10 MINUTES     20 MINUTES     10 MINUTES       19-21     10 MINUTES     10 MINUTES     10 MINUTES     10 MINUTES       19-21     10 MINUTES     10 MINUTES     10 MINUTES     10 MINUTES       19-21     10 MINUTES     10 MINUTES     10 MINUTES     10 MINUTES       19-21     10 MINUTES     10 MINUTES     10 MINUTES     10 MINUTES       10-21     10 MINUTES     10 MINUTES     10 MINUTES     10 MINUTES       10-21     10 MINUTES     10 MINUTES					00	5-16	17-18 MINS		L	OCATION	OF WEL	L	
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COUNTY OR DISTRICT	2. CHECK CORRECT	BOX WHERE APPLICABLE 1 2 TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE ADDRESS RRR2 DUAC	obia Ont.	ACT, SURVEY, ETC. DATE COMPLETED DATE COMPLETED DAY DAY MO MO MO MO MO MO MO MO MO MO
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	Water Supply	y Ltd.	1558	DATE OF INS	PECTION	INSPECTOR	005	19_
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	CONMENT 1. PRINT ONLY IN SPACE 2. CHECK 🛛 CORRECT B				<b>52</b> 093					
COUNTY OR DISTRICT		ING			ELEVATION	CON 4	IO BLOCK, TRACT. SURVI	DATE COMPL		21 73 13 LOT 25-27 18-53 YR&G
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DRILLING	C LE ROTARY (AIR) S AIR PERCUSSION	9 DRIVING	ENCE NUMBER		DRILLERS REMAR		CONTRACTOR 59-6	2 DATE RECEIVED		008
ADDRESS BOX NAME OF PRILL		G COLTO	5222 EENCE NUMBER 373	2	ATROURCE		INSPECTOR	02	_	6 C.c.c.G.s

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of t	histry he vironment	WA <sup>•</sup>		Ontario Water Resource	
Ontario	1. PRINT ONLY IN	SPACES PROVIDED	1521(		con.
		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	HRLBYON	CON. BLOCK. TRACT. SURVEY.	15 22 21 74 ETC. LOT 25-27
		· · · · · · · · · · · · · · · · · · ·			DATE COMPLETED AR-53 DAY MO 10 YR
<u>_1_1</u>	10 12	41NG 17 18 24	RC ELEVATION	RC BASIN CODE	
	Taon	DG OF OVERBURDEN AND BED	ROCK MATERIA		DEPTH - FEET
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z	☐ FRESH 3 [] SULPHUR <sup>19</sup> ☐ SALTY 4 [] MINERAL ☐ FRESH 3 [] SULPHUR <sup>24</sup>		20-23	DEPTH SET AT - FEET	& SEALING RECORD
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OF WELL	4 C RECHARGE WELL	S COMMERCIAL	XWI	57L · · - · ·	$\sim$ $\sim$ $\sim$
WATER USE	3 🗍 IRRIGATION 4 🗍 INDUSTRIAL	<ul> <li>PUBLIC SUPPLY</li> <li>COOLING OR AIR CONDITIONING</li> </ul>		51	PKUY
	57 3 CABLE TOOL			A CARACTER AND	LATING
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Ontario Environment	
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AT - FEET 1 NIND OF WATER DIAM MATERIAL, TH.C.N.ESS INCHES INCHES	FRUM TO CONTRACT AND TYPE SS - DEPTH TO TOP 41-44 10 OF STATAL ZESS - OF STATAL SSREED STATE OF STATES CHARACTER
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H 10 12 11 20-20 4 20-31 11 32-34 17 33-35	
GIVE RATE GPN 22 FEET I DECEAR 20 CLOUDY	
RECOMMENDED PUMP TYPE RECOMMENDED 243-46 RECOMMENDED PUMPING PUMPING SETTING 22 FEET RATE GPM	HOUSE
FINAL SA ABANDONED, INSUFFICIENT SUPPLY	
STATUS       2 I OBSERVATION WELL       1 ABANDONED POOR QUALITY         STATUS       1 TEST HOLE       7 UNFINISHED         OF WELL       4 RECHARGE WELL       9 Dewatering	- 'ac'
53-56         1	1
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57     I CABLE TOOL     I BORING       METHOD     2 ROTARY (CONVENTIONAL)     7 DIAMOND       OF     3 ROTARY (REVERSE)     A DIEMOND	758' 600 (xt >>>
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C NAME OF WELD CONTRACTOR . WELL CONTRACTOR'S	
ADDRESS ADDRESS RRAF/ Clarp Bax 437	DATE OF INSPECTION INSPECTION
NAME OF HELL TECHNICIAN WELL TECHNICIAN'S	
SIGNATULE OF TECHNICIAL CONTRACTOR SUBMISSION DATE	WDE Cost 6 C
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Minis Ontario Minis Of the Envir	e ronment ATT 1. PRINT ONLY IN S		The Ontario Water Resources Act <b>ERWELL RE</b> 523354	<b>ECORD</b> 2N 64 22 23 24
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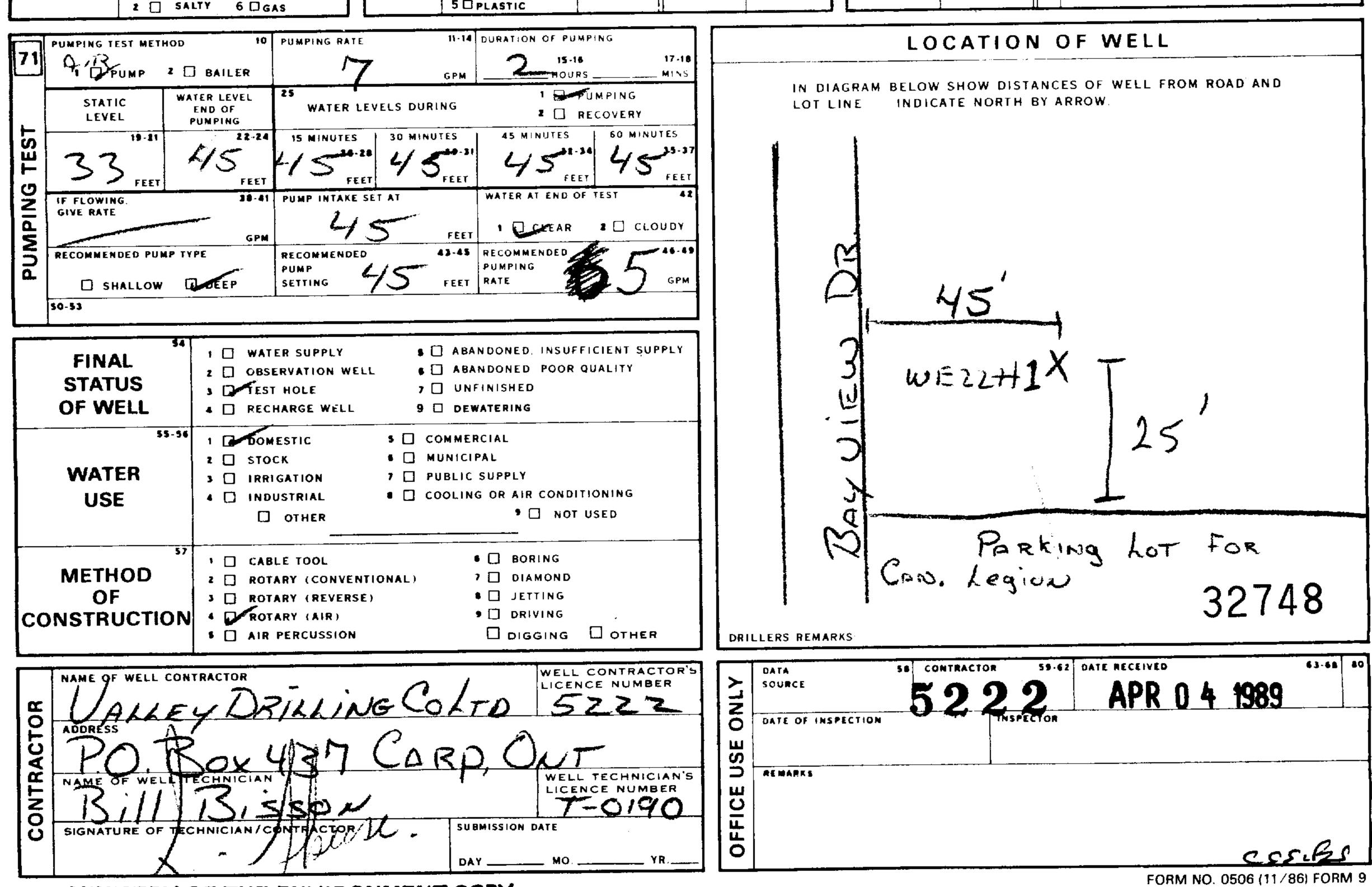
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41	WATER RE	CORD	51	CASING &	OPEN HO	•········		
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15-18	I I FRESH	3 DSULPHUR 4 DMINERALS	614	3 CONCRETE 4 OPEN HOLE 5 D PLASTIC				61 PLUGGING & SEALING RECORD
	Z C SALTY	6 🗆 GAS	12.11	1 DSTEEL	9 00	011	20-23	DEPTH SET AT - FEET (CEMENT GROUT MATERIAL AND TYPE LEAD PACKER, ETC.)
20-23	1 D FRESH 2 SALTY	3 SULPHUR	5/2	2 GALVANIZED 3 CONCRETE	,180	36	46	FROM TO
25-28		6 🗆 GAS 3 🗆 SULPHUR 29		4 OPEN HOLE 5 OPLASTIC				0 20 CEMENTGROWT
	Z D SALTY	4 🗆 MINERALS 6 🗆 GAS	24-25	1 🗆 STEEL 2 🗖 GALVANIZED	6		27.30	0 <sup>10-13</sup> 20 <sup>14-17</sup> CEMENT GROWT 18-21 22-25 26-23 30-33 00 TYPE 10 DOGTLAND
30-33		3 DSULPHUR 34	<b>\$</b> 0	3 CONCRETE		i		26-29 30-33 80



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Ontario	A-CARLET	0 N				
COUNTY OR DISTRICT	2. CHECK X CORR	SPACES PROVIDED	15254 - <del>M</del>	45 10 10 10 10 14 CON. BLOCK. THACK URVEY ETC	15	
		West Carleton	0	3	3	
OWNER (SURNAME FI	Realty Limit		tario Ca.		TE COMPLETED	
24	ZONE EASTING U T H 10 12		ELEVATION I	PC BASIN CODE	The m	
1. 2		DG OF OVERBURDEN AND BEDR				47
GENERAL COLOUR	NOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	DEPTH	- FEET TO
blue				clay	0	21
blue an	d grey		(	clay and silt	21	34 • 8*
red and	white and b	lack	coar	se gravel	34 • 8"	36•5"
		· · · · · · · · · · · · · · · · · · ·				
<sup>2</sup>	· · · · · · · · · · · · · · · · · · ·					
				<b></b> ,		
		· · · · · · · · · · · · · · · · · · ·				
						<u> </u>
31     1       32     1		┶┶┶┷┶┙┶┷┶┶┶┶┶┶┶┶				
41 WA	TER RECORD	51 CASING & OPEN HOLE	RECORD	Z ISLOT NO )	65 DIAMETER 34-38	
WATER FOUND AT - FEET 10-13	KIND OF WATER	INSIDE WALL DIAM MATERIAL THICKNESS INCHES F	DEPTH - FEET RUM TO	C MATERIAL AND TYPE	6 INCHES DEPTH TO TOP OF SCREEN	3 FEET 41-44 30
34.8"	FRESH 3 DSULPHUR 4 SALTY 4 DMINERALS 6 GAS	10-11 1 MSTEEL 12 2 □ GALVANIZED 3 □ CONCRETE 3 0 0	13-16	<sup>o</sup> stainless stee	21	33 FEET
36'5"	K FRESH 3 □ SULPHUR <sup>19</sup> SALTY 4 □ MINERALS     G□GAS	61 3 CONCRETE 4 0 OPEN HOLE 5 0 PLASTIC 17-18 1 0 STEEL 19	2 34 8° 20-23	DEPTH SET AT - FEET	SEALING RECO	RD
2 (	$\begin{array}{c cccc} & & & & \\ \hline \\ \hline$	2 GALVANIZED	·8"36·5"	FROM TO 10-13 14-17		CKER, ETC )
	$\begin{array}{cccc} & FRESH & 3 & \square  SULPHUR & {}^{Z9} \\ & A & \square  MINERALS \\ & SALTY & G & \square  GAS \end{array}$	24-25 1 DSTEEL 2 DGALVANIZED	27-30	0 22 press	sure cemer	it grou
	] FRESH 3 ]SULPHUR 34 ∎0 4 ]MINERALS ] SALTY 6 ]GAS	3 CONCRETE 4 Open Hole 5 Plastic	and the second	26-29 30-33 80		
71 PUMPING TEST ME	THOD 10 PUMPING RATE	11-14 DURATION OF PUMPING 15-16 17-18		LOCATION OF V	VELL	
STATIC LEVEL	WATER LEVEL 25	EVELS DURING	IN DIA LOT⊒¥	GRAM BELOW SHOW DISTANCES OF	WELL FROM ROAD A	pr 1
	22-24 15 MINUTES	30 MINUTES 45 MINUTES 60 MINUTES 20-31 21-34 33-37			4	¢
U T FEE	T 36 FEET 13 FEE 30-41 PUMP INTAKE S			56056	,	<u>R</u> R
ECOMMENDED PU				PROPOZO ROND		
CL X SHALLOW	N DEEP SETTING	30 FEET RATE 15 GPM				ter.
FINAL	\$4 1 TO WATER SUPPLY	B ABANDONED, INSUFFICIENT SUPPLY			19 may	7-1
STATUS OF WELL	2 DOBSERVATION WEL 3 TEST HOLE 4 RECHARGE WELL	7 UNFINISHED	O well	hot Live /		5
L	5-56 1 2 DOMESTIC	9 DEWATERING	1 / KCM	AST LINC /		¢013.1
WATER USE	2 STOCK 3 IRRIGATION 4 INDUSTRIAL	6 D HUNICIPAL 7 D PUBLIC SUPPLY 8 D COOLING OR AIR CONDITIONING				5
	57	• D INOT USED			`	<b>NO</b> •
METHOD OF	37 1 CABLE TOOL 2 ROTARY (CONVENT 3 ROTARY (REVERSE	•.		~		
CONSTRUCTI			DRILLERS REMARK	s	177	94
NAME OF WELL		WELL CONTRACTOR'S Licence Number	IDATA NO	58 CONTRACION 59.62 DATE RE		63.66 80
ADDRESS	bonneau+SonDi	41	DATE OF INSPEC	TION INSPECTOR	IUN 26 198	9
R R 2	Box 194, Orle	éans, Ont. KIC 1T1				
Benoit	Charbonneau	SUBMISSION DATE	OFFICE			
	hart	DAY 09 MO 03 YR 89	ō		CSSI	
MINICTOV	OF THE ENVIRONM	IENT CODY			FORM NO. 0506 (1	1/80) FORM 9

Ministry		The Ontario Water Resources Act	ć
of the Environment Ontario OTTAWA-CARLE	TOW WAT	ER WELL RE	CORD
<b>•</b> • • • • • • • • • • • • • • • • • •	SPACES PROVIDED	1523446	
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY TOWN, VILLAGE	Str CON. BLOCK. TRACT. SURVEY. ETC	
owner (surname first) 26.47 Wainman Réalty Limite	ad Dunrobin, Ont.	CROO A A A A A T	ирцетер жилана 1мо03ун89
		ELEVATION COC MASIN COOL	
1 2 H 10 12	DG OF OVERBURDEN AND BEDRO	CK MATERIALS (SEE INSTRUCTIONS)	
GENERAL COLOUR MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH FEET
blue		clay	0 23
blue and grey		clay and silt	23 37
ble and grey	<u></u>	clay, silt and fine grav	
red, white, black, gr	een	coarse gravel	54 56 1
			j.
	I		
<u>31</u> <u>111</u> <u>111</u> <u>111</u>	<del>┙┥┙┥┥┥┥</del> ┙└ <u>┹└┸┤┤</u> ┇┇┇╻╎╻╎		
41 WATER RECORD	51 CASING & OPEN HOLE I		
WATER FOUND AT - FEET KIND OF WATER	DIAM MATERIAL THICKNESS	DEPTH - FEET	6 INCHES 3 FEET DEPTH TO TOP 41-44 30 OF SCREEN
56 2 SALTY 4 MINERALS 6 GAS	10-11 1 1 STEEL 12 2 □ GALVANIZED 3 □ CONCRETE 3 0 0 12	<sup>3.46</sup> stainless steel	
15-18 1 C FRESH 3 C SULPHUR <sup>19</sup> 2 C SALTY 4 MINERALS 6 C GAS			CENENT CROUT
20-23 1 [] FRESH 3 [] SULPHUR <sup>24</sup> 2 [] SALTY 4 [] MINERALS 6 [] GAS	6 2 GALVANIZED 3 CONCRETE 4 COPEN HOLE 54	56 ° 4 ° FROM TO MATERIAL AN	D TYPE LEAD PACKER, ETC )
25-28 1 [] FRESH 3 [] SULPHUR 29 4 [] MINERALS 2 [] SALTY 6 [] GAS	5 □ PLASTIC 24-25 1 □ STEEL 26 2 □ GALVANIZED	27-30 0 22 pressu	re cement gro
30-33 1 FRESH 3 SULPHUR 34 10 4 MINERALS 2 SALTY 6 GAS	3 CONCRETE 4 COPEN HOLE 5 PLASTIC	24-29 30-33 50	
71 PUMPING TEST METHOD ID PUMPING RATE	11-14 DURATION OF PUMPING 20 GPM 1 15-16 17-18 MINS	LOCATION OF WEL	L
STATIC WATER LEVEL 25	EVELS DURING	IN DIAGRAM BELOW SHOW DISTANCES OF WELL LOT LINE INDICATE NORTH BY ARROW.	FROM ROAD AND
U 19-21 22-24 15 MINUTES 28-26	2 2 RECOVERY 30 MINUTES 45 MINUTES 60 MINUTES 1 29-31 32-34 35-37	#5 #6 #7	NoAL T
U     Z     FEET     SO     FEET     12     FEET       IF     FLOWING,     30-41     PUMP INTAKE S       GIVE     GPM       GPM     GPM       RECOMMENDED PUMP TYPE     RECOMMENDED       PUMP	56 FEET 1 CLEAR 2 CLOUDY	56 0 56	60
C PUMP SHALLOW DEEP SETTING	40 FEET RATE 15 GPM	PROPOSED ROAD	T T
FINAL 1 X WATER SUPPLY	ABANDONED. INSUFFICIENT SUPPLY		<i>Y</i>
STATUS	L & ABANDONED POOR QUALITY 7 D UNFINISHED	a well measure mentis	27
55-56 1 1 DOMESTIC	9 D DEWATERING 5 D COMMERCIAL	O well measure ments FROM LOT LINE!	inter 1
WATER 2 STOCK 3 IRRIGATION USE 4 INDUSTRIAL	S UNICIPAL     DUBLIC SUPPLY     COOLING OR AIR CONDITIONING		00 1
□ OTHER	• 🖸 NOT USED		DUNEOCIN
OF			
CONSTRUCTION 4 Protary (AIR) 1 I AIR PERCUSSION	) E C JETTING 9 C DRIVING C DIGGING CTHER		17795
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S LICENCE NUMBER	DRILLERS REMARKS	53 64 80
6 G. Charbonneau+SonDr	illingLtd. 1504	LATE OF INSPECTION	2 6 1989
	WELL TECHNICIAN'S		
Benoît Chapbonneau signature of technican/contractor	LICENCE NUMBER T-0136 SUBMISSION DATE		
17 Aubon	DAY_11_ MO_03 YR89		CSS. ES
MINISTRY OF THE ENVIRONM	AENT COPY	F	DRM NO. 0506 (11/86) FORM 9

Mini	-		The Ontario Water Resources	
	ironment A-CARLET	ÔN	1523447 1523447	
COUNTY OR DISTRICT		SPACES PROVIDED	1523447 5010 HC CON. BLOCK. TENATOURVEY. ET	
OWNER (SURNAME FIF	RST) 28-47	West Carleton to	Abolton 3	TE COMPLETED 44-53
	Realty Ltd.	Dunrobin, On		AY 14 MO 03 Y89
21	ZONE BABTING			
	<sup>1/2</sup>	OG OF OVERBURDEN AND BEDRO	OCK MATERIALS (SEE INSTRUCTIONS)	
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET
		yellow sand and	blue clay	0 11
blue			clay	11 41
		clay and fine gr	avel and sand (fine)	41 79
			coarse gravel	79 81'6"
·····				
	<u> </u>			
31 <u>111</u> 32 1111				
		51 CASING & OPEN HOLE	RECORD	
WATER FOUND AT + FEET	KIND OF WATER		RECORD     Z     (SLOT NO.)     # 10       DEPTH - FEET     W     MATERIAL AND TYPE       RUM     TO     K	6 3 FEET DEPTH TO TOP 41-44 10
	FRESH 3 □SULPHUR <sup>14</sup> ] SALTY 4 □ MINERALS 6 □ GAS	10-11 1 ESTEEL 12 2 GALVANIZED	<sup>1316</sup> Stainless Ste	
	FRESH 3 □SULPHUR <sup>19</sup> SALTY 4 □ MINERALS 6 □ GAS	61 3 CONCRETE 4 OPPEN HOLE 5 D PLASTIC 188 +2		SEALING RECORD
20-23 1	FRESH 3 USULPHUR 24	17-14 1 STEEL 19 2 GALVANIZED 3 GONCRETE	FROM TO	RIAL AND TYPE (CEMENT GROUT. LEAD PACKER, ETC.)
25-26 1	FRESH 3 USULPHUR 29	0 3 0 000 HOLE 5 □ PLASTIC 24-25 1 □ STEEL 26 1 □ STEEL	$\frac{1}{2}$ 81 $\frac{1}{2}$ 0 22 pres	ssure cement gro
30-33 1 0	FRESH 3 USULPHUR 34 10 4 MINERALS	2 🗆 GALVANIZED 3 🗆 CONCRETE 4 🗆 OPEN HOLE	26-29 30-33 80	
PUNPING TEST ME		E 11-14 DURATION OF PUMPING		
·	· · · · · · · · · · · · · · · · · · ·	50 GPN 15-16 17-18 HOURSMINS		
		EVELS DURING 2 2 RECOVERY	IN DIAGRAM BELOW SHOW DISTANCES OF LOT LINE INDICATE NORTH BY ARROW	
۳ ۲2	81 12			- Not Of
IF FLOWING. GIVE RATE	38-61 PUMP INTAKE		56 0 56	
	PUMP	D 43-45 RECOMMENDED 44-69 PUMPING TE	PREPOSED ROAD	
SI SHALLOW		35 FEET RATE LS GPM		
FINAL	1 X WATER SUPPLY 2 OBSERVATION WE	ABANDONED, INSUFFICIENT SUPPLY      ABANDONED POOR QUALITY		
STATUS OF WELL	3 TEST HOLE 4 RECHARGE WELL	7 🗍 UNFINISHED 9 🗆 Dewatering	owell measurements From Lot Line /	. ku
	5-56 1 ST DOMESTIC 2 STOCK	S 🗌 COMMERCIAL S 🗍 MUNICIPAL	KOT LINE?	131
WATER USE	3 IRRIGATION 4 INDUSTRIAL	PUBLIC SUPPLY     COOLING OR AIR CONDITIONING		8
	57 1 CABLE TOOL	• 🗍 NOT USED		VING
METHOD OF	2 🗍 ROTARY (CONVEN 3 🗍 ROTARY (REVERSE	TIONAL) 7 DIAMOND E) 8 DIETTING		
CONSTRUCTI	ON 4 P ROTARY (AIR) 6 AIR PERCUSSION	9 DRIVING Digging Other	DRILLERS REMARKS	17796
NAME OF WELL	contractor bonneau+SonDi	rillingLtd	36 CONTRACTOR 59.62 DATE 50 URCE 54 CONTRACTOR 59.62	JUN 2 6 1989
ADDRESS			O DATE OF INSPECTION INSPECTOR	
	LL TECHNICIAN	léans, Ont. KILCITI Well TECHNICIAN'S LICENCE NUMBER		
SIGNATURE OF	Charbonneau TECHNICIAA/CONTRACTOR	LICENCE NUMBER T-0136 SUBMISSION DATE		
1 Ser	al Phaten	<u>14 мо. 03</u> ук. 89		EDBM NO 0506 (11/86) FORM 9
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	istry		~			The C	Ontario '	Con 3 Water Resou	rces Act	* 1	Ø
Ontario Ontario T AU	Ironment UA-CARL 1. PRINT ONLY IN 2. CHECK 🖾 CORR		N IDED			E <b>R</b> 5234		ELL 1501	RE	CO	RD
COUNTY OR DISTRICT	401		T CARLE	TOWN VIELAS	TOR	BOLTO	N CON	_	phot	, [	"Jsublof
OWNER (SURNAME FIL	Realty Limit	L	ADDRESS		-w	ARK	15 Reg	Creek	DATE COMP	LETED 4	<u>,</u> ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,
			NORTHING				Sutt	ALSIN CODE			
		)G OF 0	VERBURDEN	AND BED	ROCK	MATERIA	LS (SEE )	NSTRUCTIONS)	6		
GENERAL COLOUR	MOST COMMON MATERIAL		OTHER MATE	RIALS			GENER	AL DESCRIPTION		DEPTH FROM	- FEET ΤΟ
blue						cla	v	· · · · · · · · · · · · · · · · · · ·		0	29
grey and	white					med	lium e	sand		29	67
					<b>_</b>	· 					
						4					
			·· · ·								
· · · · · · · · · · · · · · · · · · ·							•				
	TER RECORD	51	CASING & O	PEN HOL	E RECO	ORD		SI OF OPENING	31-33 DIAMET	· 1	75 80 INGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH FROM	- FEET TO	0	RIAL AND TYPE		DEPTH TO TOP	3 FEET
67	FRESH 3 SULPHUR SALTY 4 MINERALS 6 GAS	<b>A</b> 3	1 ASTEEL 2 GALVANIZED 3 CONCRETE			13-16	o st	ainless	steel	6	FEET
2	FRESH 3 USULPHUR 19 3 SALTY 4 DMINERALS 6 GAS		4 0 OPEN HOLE 5 0 PLASTIC	188	+2	<b>65</b>			IG & SEAL		T GROUT
2 [	$\begin{array}{c cccc} & & & & & & \\ \hline & & & & & \\ \hline & & & & \\ \hline & & & &$	6	2 DGALVANIZED 3 DCONCRETE 4 DOPEN HOLE 5 DPLASTIC	-	<b>6</b> 65	67	FROM 10	-13 22 T			
2 [	J FRESH         3         3         3         5         0         1         0 </td <td>24-25</td> <td>1 DSTEEL 26 2 DGALVANIZED 3 DCONCRETE</td> <td></td> <td></td> <td>27-30</td> <td>18</td> <td>-21 22-25</td> <td>TCOOUL</td> <td>e cemer</td> <td>IV SLU</td>	24-25	1 DSTEEL 26 2 DGALVANIZED 3 DCONCRETE			27-30	18	-21 22-25	TCOOUL	e cemer	IV SLU
2 0	SALTY 6 GAS		4 DOPEN HOLE 5 DPLASTIC				26-	29 30-33 80			
71 PUMPING TEST MET	THOD IO PUMPING RATE	l0 。	SPM 2 IS-18 BPM 15-18	17 -			L	OCATION	OF WEL	L	
	WATER LEVEL 25 END OF WATER L PUMPING 22-24 15 MINUTES	EVELS DURIN	² 🕱 R	UMPING ECOVERY		IN DIA LOT LI		OW SHOW DISTANC HICATE NORTH BY /		FROM BOAD AN	<b>n</b> (F)
	65 FEET 8 FEE	1 <b>5</b>	EET 5 FEET	5 m	37	1	#2	<u>+</u> +	3	non (	)# Y
U J FEET IF FLOWING, GIVE RATE	38-41 PUMP INTAKE S	1	WATER AT END OF	1 CLOUD	42 Y				1		4
RECOMMENDED PU	PUMP	43-	45 RECOMMENDED PUMPING EET RATE	10 61		5	15'	56	ł	/	
\$0-\$3	\$4	<i></i>	······							1=	T
FINAL STATUS	24 1 DE WATER SUPPLY 2 DOBSERVATION WEL 3 DTEST HOLE	ι 🚛	ABANDONED, INSUFF ABANDONED POOR Q UNFINISHED			. 1					
OF WELL	A C RECHARGE WELL		DEWATERING		-   0	well	mea	isukemts Linel			14 011
WATER	2 🗗 STOCK 3 🔲 IRRIGATION 4 🔲 INDUSTRIAL	7 🗌 PUBI	ICIPAL LIC SUPPLY LING OR AIR CONDITI	ONING		FROM	LOT	Line I			//
			• 🗆 NOT L								'na
METHOD OF	37 3 CABLE TOOL 2 ROTARY (CONVENT 3 ROTARY (REVERSE		6      BORING 7      DIAMOND 8      JETTING							 	<u> </u>
CONSTRUCTION			9 DRIVING		DRI	LLERS REMARK	S			177	97
NAME OF WELL			LICENC	CONTRACTOR	NLY	DATA SOURCE	58 21	ONTRACTOR 57.62	DATE RECEIVED	2 6 1989	43.44 ÅQ
1251	bonneau+SonDr			.504	110	DATE OF INSPEC	CTION	JU4	JU11	2 0 1303	<u> </u>
NAME OF WEL	Box 194, Or LL TECHNICIAN Charbonneau	éans,	Ont. KIC	TECHNICIAN CE NUMBER 136	E USE	REMARKS					
SIGNATORE OF	Charbonneau TECHNICAN/CONTRACTOR		SUBMISSION DATE		112				N. I. B. MANNA		
MINISTRY	polo		DAY <u>16 NO. C</u>	<u>)3 <sub>vr</sub>8</u>	<u>ع</u> اد					CSS M NO. 0506 (11	

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	vironment		WAI	ER	WE		RECC	RD
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COUNTY OR DISTRICT		ECT BOX WHERE APPLICABLE	,		10	14 TRACT. SURVEY. ETC	15	107 5:106
OWNER (SURNAME FI	1. IRST) 28-47	ADDRESS	eton 2	nbolton		) DA	TE COMPLETED	24
Wainman	Realty Ltd.	Dunrob	in, Ont	tario $\mathcal{L}_{\theta}$	seyfreck	ALL DOWN WERE	и 17 но 03	3_ <b>⊪89</b> _
21		NORTHING		EL EVATION				l i n 🚚
	LC	G OF OVERBURDEN	AND BEDRO	OCK MATERIA	LS ISEE INSTRU	CTIONS)		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT	TERIALS		GENERAL DE	SCRIPTION	DEPTI	H · FEET TO
blue				cla	By		0	31
grey,	black, white			med	ium sand	- · · · · · · · · · · · · · · · · · · ·	31	68
		·····						
<b>*</b> A								
<u> </u>								
· · · · · · · · · · · · · · · · · · ·	1							
		· · · · · · · · · · · · · · · · · · ·						
[ <u>⊰</u> [∕3]   <sub>   </sub>								
32							<u>65</u>	
	TER RECORD		OPEN HOLE			PENING 31-33	6	LENGTH 39-40
AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	ROM TO			DEPTH TO TOP OF SCREEN	41-44 30
68 2 0	SALTY 4 I MINERALS 6 GAS	10-11 1 <b>X</b> STEEL 12 2	188 +	2 65	[	less stee		65 FEET
2 [	SALTY 6 GAS	64 4 OPEN HOLE 5 DPLASTIC	100 4	20-23	61 DEPTH SET AT	FEET		ENT GROUT
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6 2 GALVANIZED 3 CONCRETE 4 COPEN HOLE	6	5 68	FROM 10-13	10 14-17		ACKER. ETC.)
	☐ FRESH 3 ☐ SULPHUR <sup>29</sup> ☐ SALTY 4 ⊡ MINERALS 6 □ GAS	5 □ PLASTIC 24-25 1 □ STEEL 2 □ GALVANIZED		27-30	18-21	22 press	sure cemen	nt grou
	☐ FRESH 3 □SULPHUR 3400 4 □minerals □ Salty 6 □gas	3 CONCRETE 4 COPEN HOLE 5 CPLASTIC			26-29	30-33 80		
71 PUMPING TEST ME					LOCA	ATION OF	WELL	
1 D PUMP STATIC	AITBAILER WATER LEVEL 25 END OF WATER LE	<u>б дрм 2 но</u> ц					WELL FROM ROAD	AND
	PUMPING 1 22-24 15 MINUTES	30 MINUTES 45 MINUTES				NORTH BY ARROW	,	
		T 7 FEET 7 F	-34 33-37 EET <b>7</b> FEET	DUNROBIN		LoT +	123 60	T # 24
GIVE RECOMMENDED PL		10	e CLOUDY			1		
RECOMMENDED PL		43-45 RECOMMENDED PUMPING FEEI RATE	44-43 6 дрм	Vkın		1	18€	0
\$0-\$3		······································		L	,	1		V
FINAL	1 T WATER SUPPLY 2 DOBSERVATION WEL	S ABANDONED, INSUL C ABANDONED POOR		Ð	上子—	PROPOS	O ROAD	17
STATUS OF WELL	3 🗍 TEST HOLE 4 🗍 RECHARGE WELL	y 🗋 UNFINISHED 9 🗖 Dewatering		#			1	1
	2 DOMESTIC	S COMMERCIAL		<i>R.R</i>	owelln	ed Supermonts	1 LOT	- 1
WATER USE	3 IRRIGATION 4 INDUSTRIAL	PUBLIC SUPPLY     COOLING OR AIR COND	A**		FPC.m	Lot Livel	# 4	1
	57 1 CABLE TOOL	• 🗌 NOI		ORTH			1	t I
METHOD OF	2 🔲 ROTARY (CONVENT 3 🔲 ROTARY (REVERSE)	TONAL) 7 DIAMOND ) 8 DIETTING		No.	7		L	
CONSTRUCT		9 🗍 DRIVING		<b>V</b> DRILLERS REMAR	rks:		178	00
NAME OF WELL		LICE	CONTRACTOR'S	DATA	SE CONTRACT			63-68 80
ADDRESS	bonneau+SonDr	rillingLtd, 1	.504	DATE OF INSPE	ECTION 15		JUN 26 198	39
R.R.2	Box 194, Or	Eans, Ont. Kl	C 1T1	D REMARKS				
Z Benot	harbonneau	LICE	0136	OFFICE				
	und Phartin	DAY 17 MO.	<u>03 vr.89</u>	OFI		····	CSS	.BS
MINISTRY	OF THE ENVIRON	IENT COPY					FORM NO. 0506	(11/86) FORM 9

Walnam Realty Linited       Dunrobin. Ontario       S. M. (1)3         Walnam Realty Linited       Use Status       S. M. (1)3         Walnam Realty Linited       Order Status       Status         Diack.group, white       Clay       0         Status       Status       Status         Status       Status       Status       Status         Status       Status       Status       Status       Status         Status       Status       Status       Status       Status         Status       Status       Status       Status       Status         Status       Status       Sta	Min	istry	jest i standard and an and an		The On		er Resources A	sct	6
Image: Provide the standard in the standard in the standard intervent inter		ironment		TEF	<b>२  \</b>	<b>VEL</b>		ECO	RD
Status     Insure Books in the Construction     Status     Sta	OTTAW			152	2345	50 <u> </u>	5010	·	
Status	COUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAG	-		CON BLOCK	TRACT. SURVEY ETC .	FR (	1 3 Sab
Image: Second			ADDRESS		_				80
International Control Burgers And BEDOCK MATERIALS out assumptions.           EXEMUSION         Control Burgers And BEDOCK MATERIALS out assumptions.           Dileck.grog, white         Control Burgers           Dileck.grog, white         Control Burgers           Control Burgers         Control Burgers         Control Burgers           Control Burgers         Control Burgers         Control Burgers <thcontrol burgers<="" th=""> <t< td=""><td></td><td>ZONE EASTING</td><td>NORTHING</td><td>NC ELEVAT</td><td>100</td><td>and ansing</td><td>CODE MAY</td><td>1)÷</td><td>112</td></t<></thcontrol>		ZONE EASTING	NORTHING	NC ELEVAT	100	and ansing	CODE MAY	1)÷	112
Builden Barten Colong         Control Antenna         Catalant Exterior         Tom         Tom           blue         clay         0         33         63'9'         0         33         63'9'           blue         clay         0         33         63'9'         0         33         63'9'           33         clay         0         33         63'9'         0         33         63'9'           34         clay         0         33         63'9'         0         33         63'9'           35         clay         clay         0         33         63'9'         0         33'1'           41         Watter RECORD         ST CASING & OFEN HOLE RECORD         St Casing & Tom         50'1'         St Casing & Tom         50'1'         St Casing & Tom         50'1'''''''''''''''''''''''''''''''''''	1 2 1 2	4 10 12	G OF OVERBURDEN AND BEDI		TERIALS	30' 31 30' 31 S (SEE INSTRUC			
31     33     63*9'       33     5*9'       34     5       35     5       36     5       37     5       38     5       39     5       31     5       32     5       33     6       34     5       35     5       36     5       37     5       38     5       39     5       31     5       32     5       33     6       34     5       35     5       36     5       37     5       38     5       39     5       31     5       32     5       33     6       34     5       35     5       36     5       37     5        38     5       39     5       30     5       31     5       32     5       33     5       34     5       35     5       36     5       37     5       38     5 <td>GENERAL COLOUR</td> <td>1 1</td> <td>OTHER MATERIALS</td> <td></td> <td></td> <td>GENERAL DES</td> <td>CRIPTION</td> <td></td> <td></td>	GENERAL COLOUR	1 1	OTHER MATERIALS			GENERAL DES	CRIPTION		
33         33         34         35         36         37         38         38         39         39         31         32         33         34         35         36         37         38         39	blue				lay			0	33
32       AIT       WATER RECORD         WIT Second       Status	black,gr	eg, white			lediu	m sand		33	63'9"
32       AIT       WATER RECORD         WIT Second       Status									
32       AIT       WATER RECORD         WIT Second       Status									
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32       AIT       WATER RECORD         WIT Second       Status						et a constant			
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32       AIT       WATER RECORD         WIT Second       Status									
Image: State in the state	31				+++				
Normality	1 2 10				╶╧┷╧┤┟		ENING 31-33 D	1	75 80 ENGTH 39-40
63 • 0 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	WATER FOUND	÷	INSIDE WALL HATERIAL THICKNESS	DEPTH - FEE	T		D TYPE		3 FEET
1		SALTY 4 MINERALS	10-11 1 STEEL 12 2 GALVANIZED				<u>less stee</u>		FEET
10 - 7 FEIN 3 _ DULEPHIG X:	- <sup>18-18</sup> 1 C	4 DMINERALS	64 3 CONCRETE 4 OPEN HOLE 5 PLASTIC 188 4	-2 61					
Image: Status       Image: Status<	1 ' L	4 MINERALS	1 USTEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE			FROM 10-11	MATER]AL TO 14-17		
10       10 <td< td=""><td></td><td>4 MINERALS</td><td>24-25 1 D STEEL 26</td><td></td><td>27-30</td><td></td><td></td><td>sure cem</td><td>ent gr</td></td<>		4 MINERALS	24-25 1 D STEEL 26		27-30			sure cem	ent gr
$\frac{1}{2} \frac{1}{2} \frac{1}$		4 MINERALS	3 CONCRETE 4 OPEN HOLE			26-29	30-33 80	·····	
$\frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{1000} \frac{1}{10000} \frac{1}{10000} \frac{1}{100000} \frac{1}{100000} \frac{1}{100000} \frac{1}{1000000} \frac{1}{10000000} \frac{1}{1000000} \frac{1}{10000000} \frac{1}{10000000} \frac{1}{10000000} \frac{1}{1000000} \frac{1}{10000000} $			<b>30 7 15-16</b> 17-1			LOCA	TION OF W	ELL	
	STATIC LEVEL	WATER LEVEL 25 END OF WATER LEV						ELL FROM ROAD A	ND
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		26-20	29-31 32-34 35-3	# 4		<b>#</b> 3	# 4	10°	(t) #
$\frac{R}{S} SHALLOW \square DEEP SETTING 35 FEET PATE 15 GPN  FINAL  STATUS  OF WELL  STATUS  STATU$	C FLOWING. GIVE RATE	\$8-61 PUMP INTAKE SET	TAT WATER AT END OF TEST 4	1				ī v	R.
$\frac{1}{10^{-33}}$ FINAL STATUS OF WELL STATUS OF WELL $\frac{1}{10^{-33}}$ $\frac{1}{10^{-33}}$ $\frac{1}{10^{-33}}}$ $\frac{1}{10^{-33}}$ $\frac{1}{10^{-$		MP TYPE RECOMMENDED PUMP	43-48 RECOMMENDED 48-4		5				
FINAL STATUS OF WELL       I MARADONED. INSUFFICIENT SUPPLY I DEWATER DOOR QUALITY I DIANDONED POOR QUALITY I DIANDOP I DIANDOP INTO ING I DIANDOP I DIANDOP I DIANDOP I DIANARY (ARY I DIANOND OF I DIANARY (ARY I DIANOND OF I DIANARY (ARY I DIANOND OF I DIANARY (ARY I DIANOND OF I DIANARY (ARY I DIANOND I DIANOND I DIANARY (ARY I DIANOND I DIANARY (ARY I DIANOND I DIANARY (ARY I DIANOND I DIANOND				<u> </u>		15'			T
OF WELL $i$ is instruction i is instruction i is instruction i is instruction i is convertional i		1 X WATER SUPPLY 2 OBSERVATION WELL	S ABANDONED POOR QUALITY		d				
WATER 2 STOCK   MUNICIPAL 3 IRRIGATION / PUBLIC SUPPLY USE   IRRIGATION / PUBLIC SUPPLY 4 IRDUSTRIAL · COOLING OR AIR CONDITIONING 0 OTHER · NOT USED METHOD OF CONSTRUCTION 0 F CONSTRUCTION 0 F CONSTRUCTION 1 CABLE TOOL · BORING 2 ROTARY (CONVENTIONAL) / DIAMOND 3 ROTARY (CONVENTIONAL) / DIAMOND 0 JETTING 1 DETTING 1 DETT	OF WELL	A C RECHARGE WELL							2 6
METHOD OF CONSTRUCTION OF CONSTRUCTION NAME OF WELL CONTRACTOR R.R.2.Box 194, Orléans,Ont. KIC ITI NAME OF WELL TECHNICIAN NAME OF WELL TECHNICIAN			6 🗍 MUNICIPAL		1014		мет ,		
METHOD OF CONSTRUCTION NAME OF WELL CONTRACTOR R.R.2.Box 194, Orléans, Ont. KIC ITI NAME OF WELL TECHNICIAN NAME OF WELL TECHNICIAN METHOD ST CONSTRUCTION ST CONSTRUCTION ST CONTRACTOR C.Charbonneau+SonDrillingLtd NAME OF WELL TECHNICIAN MELL TECHNICIAN	USE								
CONSTRUCTION : ROTARY (AIR) AIR PERCUSSION DIGGING OTHER NAME OF WELL CONTRACTOR G.Charbonneau+SonDrillingLtd. ADDRESS R.R.2.Box 194, Orléans,Ont. KIC ITI NAME OF WELL TECHNICIAN WELL TECHNICIAN CONTRACTOR		I LI CABLE TOOL		1  =			an a share a share a share a share a san a s Manadar a san a		
HAME OF WELL CONTRACTOR G.Charbonneau+SonDrillingLtd. ADDRESS R.R.2.Box 194, Orléans,Ont. KIC ITI NAME OF WELL TECHNICIAN'S WELL TECHNICIAN'S WELL CONTRACTOR SOURCE ATA ATA SOURCE ATA ATA SOURCE ATA ATA SOURCE ATA ATA SOURCE ATA ATA ATA ATA ATA ATA ATA AT		3 🔲 ROTARY (REVERSE)	∎ □ JETTING 9 □ DRIVING					177	98
Well Technician's DIALMARAS	NAME OF WELL						~	IVED	63-64 80
Well Technician's DIALMARAS	G Chart	onneau+SonDri	llingLtd. 1504					JN 26 198	9
	R.R.2	Box 194, Orlé	WELL TECHNICIAN'S		15.5	<u>.</u>		·	
Benoit Charbonneau     T-0136       SIGNATURE OF TECHNICIAN CONTRACTOR     SUBMISSION DATE	Benoit		LICENCE NUMBER T-0136 SUBMISSION DATE	FFICE					
Serand Charbonnes DAY 21 NO 03 VR9 5 MINISTRY OF THE ENVIRONMENT COPY	Jeran	,		ō					

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Ontario Env	ironment A-CARLETC				WELL	. RE	CO	RD
		SPACES PROVIDED	1	5234	51 150			
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH CITY, TOWN, VILLA West Car Defor	In the	half -	1 CON BLOCK TRACT S	URVEY, ETC	(	1 4 lot
OWNER (SURNAME FIR		ADDRESS	<u>, 90 -</u>	L. I		DATE COMPL		
Wainman	ZONE EASTING	NORTHING	eycre	ELEVATION	ubdevicer 2	FK DAY-23	мо <b>О</b>	<u>3</u> <sub>γ⊮</sub> 89_
	т		25	<u>76</u>	30 3			
GENERAL COLOUR	Most	OG OF OVERBURDEN AND BEE	DROCK				DEPTH	- FEET
	COMMON MATERIAL	OTHER MATERIALS			GENERAL DESCRIPTIO	N	FROM	то
blue				cl Sinc			0	34
grey				fine			34	78
				coars	e gravel		78	80'9"
								- 4
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Dæ								
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31					<u>┎┤┰</u> ┥ <b>└┰<u>┲</u>╡<u>┦</u>╻┤</b>		<u>IIII</u>	
32 41 WAT		51 CASING & OPEN HOI			512E+5) OF OPENING	31-33 DIAMETE	R 34-38 L	75 80 ENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	51 CASING & OPEN HOI INSIDE WALL DIAM MATERIAL THICKNESS	DEPTH			6	INCHES	3 <sub>feet</sub>
	FRESH 3 SULPHUR	INCHES INCHES 10-11 1 ■ STEEL 12 2 ■ GALVANIZED	FROM	TO 13-16	Stainless	steel	PEPTH TO TOP	41-44 30 FEET
	6 □ GAS FRESH 3 □ SULPHUR <sup>19</sup> A □ MINERALS	61 3 CONCRETE 4 OPEN HOLE 5 PLASTIC	+2	78•6*	61 PLUGG	ING & SEALI	NG RECO	
20-23 1	SALTY 4 □ MINERALS 6 □ GAS FRESH 3 □ SULPHUR 24 6 □ MINERALS	17-18 1 STEEL 19 2 GALYANIZED		20-23	DEPTH SET AT - FEET FROM TO	MATERIAL AND		IT GROUT CKER, ETC.)
	6 GAS	6 3 CONCRETE 4 OPEN HOLE 5 D PLASTIC	78*6	80*9*	0 22 4-17	pressure	cemen	t grou
	SALTY 4 C MINERALS 6 GAS FRESH 3 SULPHUR 34 10			27-30	18-21 22-25			
2 🗆	SALTY 6 GAS	4 DOPEN HOLE 5 DPLASTIC			26-29 30-33	80		
71 PUMPING TEST MET		10 1 15-16 17	'-16		LOCATION	OF WELL		
STATIC LEVEL	WATER LEVEL 25	EVELS DURING 1 DUMPING 2 2 RECOVERY		IN DIAG LOT LIN	RAM BELOW SHOW DISTANCE INDICATE NORTH B		ROM ROAD AN	iD
TEST	22-24 15 MINUTES	30 MINUTES 45 MINUTES 60 MINUTE	5	#3	#4 #	5	NOCH	
	80 FEET FEE S8-81 PUMP INTAKE		42				K2 /	DH VI
U IF FLOWING. GIVE RATE RECOMMENDED PUM		BO FEET 1 CLEAR 2 CLOUC			56 0 56	۲ ۶		R
SHALLOW	PUMP	PUMPING	IPM		15'		4	
io-53	<b>\$4</b>		<u> </u>			,		
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WEL 3 TEST HOLE	ABANDONED, INSUFFICIENT SUPPL     ABANDONED POOR QUALITY     UNFINISHED	11	well ,	neosu Rements			
OF WELL	4 TRECHARGE WELL	9 DEWATERING	_41	FROM	hor Live 1			let b
WATER	1 DOMESTIC 2 STOCK 3 IRRIGATION	S COMMERCIAL S D MUNICIPAL 7 D PUBLIC SUPPLY						200
USE		COOLING OR AIR CONDITIONING     UNOT USED						Ni ne ne ne
	57 1 CABLE TOOL	6 BORING						3
METHOD OF CONSTRUCTIO	2 C ROTARY (CONVENT 3 ROTARY (REVERSE	) B 🗌 JETTING		م بنه الله الله الله الله الله الله الله ال			l	
	N 4 👷 ROTARY (AIR) Ⅰ □ AIR PERCUSSION		DRIL	LERS REMARKS			177	99
NAME OF WELL C		WELL CONTRACTOR LICENCE NUMBER	R'5	DATA SOURCE		-62 DATE RECEIVED	2 6 4000	63.68 80
	onneau+SonDr			UATE OF INSPECT	1504		2 6 1989	
	Box 194, Or	léans,0,t. KIC 1T1	I'S I	REMARKS			· · · ·	
	Charbonneau	SUBMISSION DATE	OFFICE					
Hein	and charber	DAY 23 NO 03 YR E	39 5			· · · · · · · · · ·	CSS	CES !
MINISTRY O	F THE ENVIRON					FORM	I NO. 0506 (11	/86) FORM 9

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Minis of the	•			Ontario Water Resources Act	
	CARLETO	N			
COUNTY OR DISTRICT	I. PRINT ONLY IN	SPACES PROVIDED 11 RECT BOX WHERE APPLICABLE 2 TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	15234	52 5010 15 15 15 15 15 15 15 15 15 15	22 23 74 Lon S. 1914
gan tin unari	`	(1) at Carleton	Torbelto	DATE CON	APLETED 453
		Dunrobin, On	tario	Dey Creek Subdivision DAY 2 De: BASIN CODE	<u>7 мо 03 ук.89</u>
	<u>10</u>	OG OF OVERBURDEN AND BEDRO		LS (SEE INSTRUCTIONS)	
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	DEPTH - FEET
blue			clay	y	0 51
grey			fine san		51 * 64
		COA	rse sand	and gravel	64 66
				· · ·	<b>b</b> .
31     1       32     1					
	ER RECORD	51 CASING & OPEN HOLE	RECORD	SIZE (S) OF OPENING 31-33 DIAM	
WATER FOUND AT - FEET 10-13 1	KIND OF WATER	INSIDE MATERIAL WALL THICANESS INCHES	DEPTH - FEET ROM TO	MATERIAL AND TYPE	6 INCHES 3 FEET DEPTH TO TOP 41-44 30 OF SCREEN
66 <sup>2</sup>	SALTY 4 $\Box$ minerals 6 $\Box$ gas	10-11 1 DSTEEL 12 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 188 +	-2 64	Stainless     steel       61     PLUGGING & SEA	
20-23	SALTY $4 \square$ MINERALS $6 \square$ GAS FRESH $3 \square$ SULPHUR $24$ CALTY $4 \square$ MINERALS	5 □ PLASTIC 17-18 1 □ STEEL 19 2 □ GALVANITED	20-23	DEPTH SET AT - FEET MATERIAL AN	
	FRESH 3 [] SULPHUR 29	5 D PLASTIC	4 66	0 22 pressu	re cement gro
30-33 1	5ALIY 6 □GAS FRESH 3 □SULPHUR 34 80 4 □MINERALS 5ALTY 6 □GAS	1 □ STEEL 2 □ GALYANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		26-29 30-33 80	
71 PUMPING TEST METH	OD O PUMPING RATI			LOCATION OF WEL	.L
STATIC LEVEL	WATER LEVEL 25	50 GPN 2 HOURS MINS HOURS MINS EVELS DURING 2 X RECOVERY	IN DIA	GRAM BELOW SHOW DISTANCES OF WELL INE. INDICATE NORTH BY ARROW.	FROM ROAD AND
	22-24 IS MINUTES 60 FEET 10 FE	· 21-31 / 32-34 33-37	2		
U IF FLOWING, GIVE RATE	SB-41 PUMP INTAKE		Bunkog	#22 #23	# 24
RECOMMENDED PUMP	P TYPE RECOMMENDED		3	1	
	ia		N - 1	51' 0 53' 11	
FINAL STATUS OF WELL	1 DR WATER SUPPLY 2 DOBSERVATION WEI 3 D TEST HOLE	, DUNFINISHED	6	pao Pos	SED BOAD
55-1	4 C RECHARGE WELL 36 1 C DOMESTIC 2 STOCK	9 D DEWATERING 5 COMMERCIAL 6 D NUNICIPAL	# ¥		
WATER USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	PUBLIC SUPPLY     COOLING OR AIR CONDITIONING     D NOT USED	a l	O well measure From but has	1
METHOD	7 1 CABLE TOOL	BORING	NORTH	Salation.	
OF CONSTRUCTIO		:) & Detting 9 Driving	K		17801
NAME OF WELL CO	S AIR PERCUSSION	DIGGING OTHER	DRILLERS REMARK	58 CONTRACTOR 59-62 DATE RECEIVE	D 63.68 80
ADDRESS		rillingLtd. 1504	DATE OF INSPEC	1504 JUN	2 6 1989
NAME OF WELL	rechildren	éans, Ont. KIC 171			
Benoit SIGNATURE OF TH	Charbonneau ecynician/contractor	SUBMISSION DATE	OFFICE	••	
MINISTRY OF	THE ENVIRONI	DAY27 NO _03_ YR 89			CSS- KS DRM NO. 0506 (11/86) FORM 9

Ministry of the	۲۸/۸٦	The Ontario Water Resources Act	
	N I SPACES PROVIDED		
Z. CHECK 🛛 COR	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	1523453 CON. BLOCK. TRACT SURVEY. ETC	
OWNER (SURNAME FIRST) 28-47 Wainman Realty Limit	ADDRESS	DATE CON	IPLETED 41-53
		LIEVATION RC BASIN CODE	
	OG OF OVERBURDEN AND BEDRO	DCK MATERIALS (SEE INSTRUCTIONS)	
GENERAL COLOUR COMMON MATERIAL	* OTHER MATERIALS	GENERAL DESCRIPTION	FROM TO
blue grey		fine sand	0 <u>56</u> 56 61
- SI OJ		coarse gravel	61 63
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·			
31	<u>]</u> _ ]   ] ] ] ] ] ] ] ] ] ] ] ]		
41 WATER RECORD	DIAM MATERIAL THICKNESS		6 INCHES 3 FE
10-13 1 BF FRESH 3 SULPHUR 14 63 2 5 SALTY 4 MINERALS 6 GAS	10-11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	13-16 Stainless steel	DEPTH TO TOP 41-44 OF SCREEN 60 FEET
15-18 1 [] FRESH 3 []SULPHUR <sup>19</sup> 2 [] SALTY 6 []GAS	61 3 DCONCRETE 4 DOPEN HOLE 5 DPLASTIC 12-14 1 12-14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
20-23 1 _ FRESH 3 _ SULPHUR <sup>24</sup> 2 _ SALTY 6 GGAS 25-24 1 _ FRESH 3 _ SULPHUR <sup>29</sup>	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	FROM TO MATERIAL AN 10-13 14-17 0 22 Dressur	D TYPE LEAD PACKER. ETC.)
25-28         1         PRESH         3         SULPHUR         23           2         SALTY         6         GAS           30-33         1         FRESH         3         SULPHUR         34           2         SALTY         6         GAS         34           30-33         1         FRESH         3         SULPHUR         34           2         SALTY         6         GAS         34	24-25 1 DSTEEL 26 2 DGALVANIZED	27-30 26-29 30-33 80	e cement gro
71 PUMPING TEST METHOD IO PUMPING RAT	TE II-14 DURATION OF PUMPING 50 GPM 2 IS-16 17-18 MINS	LOCATION OF WEL	.L
STATIC WATER LEVEL 25 LEVEL END OF WATER	1 DUMPING	IN DIAGRAM BELOW SHOW DISTANCES OF WELL LOT LINE. INDICATE NORTH BY ARROW.	FROM ROAD AND
19-21 22-24 15 MINUTES - 24-24 15 MINUTES - 24-2 - 24-24 15 MINUTES - 24-2 - 24-24 15 MINUTES - 24-2	10 21-31 31-34 33-37 121 12 FEET 12 FEET	e o well measurements	
5	63 FEET 1 SCLEAR 2 CLOUDY	PROID LOF LING	
RECOMMENDED PUMP TYPE RECOMMENDE PUMP SHALLOW DEEP SETTING	D 43-46 RECOMMENDED 46-49 PUMPING 20 GPM	↓ □	#22 ⊬23
FINAL SA WATER SUPPLY	ABANDONED, INSUFFICIENT SUPPLY		# <del>4</del> 8 1 47
STATUS OF WELL 2 OBSERVATION WE 3 D TEST HOLE 4 RECHARGE WELL	ILL G ABANDONED POOR QUALITY 7 D UNFINISHED 9 D DEWATERING	1 4 m	(2' - 64')
SS-SS I DOMESTIC 2 STOCK 3 IRRIGATION	S CONMERCIAL G MUNICIPAL 7 DPUBLICATION		62' 0 64
USE 4 D INDUSTRIAL	COOLER AIR CONDITIONING	DRO PRO P	osen Roan
S7 1 □ CABLE TOOL     METHOD 2 □ ROTARY (CONVEN     OF 3 □ ROTARY (REVERS		& NORTH	
	) 🗍 DRIVING	DRILLERS REMARKS	17802
B G. Charbonneau+SonD	well contractor's Licence NUMBER		2 6 1989
G.Charbonneau+SonD Address C M.R.2.Box 194, Orl NAME OF WELL TECHNICIAN	éans, Ont, KIC 171	O GATE OF INSPECTION SPECTOR	
Benoit Charbonneau Signature of Technican/confractor	LICENCE NUMBER T-0136 SUBMISSION DATE		
MINISTRY OF THE ENVIRON	DAY 29 NO 03 YR 89		CSS . ES

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	4 2588	LOT 3 1147 87 The Ontario Water Resources Act
of the フーク Environment	WA	TER WELL RECORD
Ontario	1	1523873
2. CHECK K CORR	TOWNSHIP, BOROUGH, CITY, TOWN, VILLA	
OWNER (SURNAME FIRST) 24-47	ADDRESS	A DATE COMPLETED 44-53
GREENSIDE CONST	- 5A CEASAD	R HUE NEPLEAN DAY NO YR
	OTHER MATERIALS	DROCK MATERIALS (SEE INSTRUCTIONS)  GENERAL DESCRIPTION  FROM TO
BROWN CLAY		PACICIEN O. 11
GREY CLAY		Moisr 11 77
GREVEBROWN SAND	Silt	VERY FINE 77 81
31         1		
41 WATER RECORD	51 CASING & OPEN HO	
AT - FEET AND ON WHEN 34	DIAM MATERIAL THICKNESS INCHES INCHES	DEPTH - FEET     III     IIII     IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
15-18 1 GRESH 3 CSULPHUR	105TEEL 20 GALVANIZED 30 CONCRETE 40 OPEN HOLE	75 61 PLUGGING & SEALING RECORD
20-23 1 FRESH 3 DSULPHUR 24	17-14 1 OFFEEL 19 - 1/14 2 GALVANIZED 19	57' 77 FROM 10 CEMENT GROUT
2 SALTY 4 MINERALS 6 GAS 25-28 1 FRESH 3 USULPHUR 4 MINERALS	$\begin{array}{c} 3 \square \text{ concrete} \\ 4 \square \text{ open Hole} \\ 5 \square \text{ plastic} \\ 24.25 \\ 24.25 \\ 24.25 \\ 24.25 \\ 24.25 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ $	27.30 010-13 20-17 Cement
2	1 🗆 STEEL 2 🖾 GALVANIZED	24-28 30-33 KG
2 SALTY 6 GAS	5 D PLASTIC	LOCATION OF WELL
71 1 DPUNP 2 D BAILER	5 15-16	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND
STATIC END OF WATER	LEVELS DURING	
5 19-21 7 22-24 15 MINUTES 19-21 7 22-24 15 MINUTES 15 FEET 28 15 FEET 28 16 FEET 28 16 FEET 28 17 FEET 28 17 FEET 28 18 FEET 28 18 FEET 28 18 FEET 28 18 FEET 28 19 FEET 28 18 FEET 28	EET FEET FEET	
GIVE RATE GPM 7	7 FEET I DECLAR & COLO	vor Lot 3
RECOMMENDED PUMP TYPE RECOMMENDED PUMP SETTING	PD 5 43-44 RECOMMENDED PUMPING PLEATE	GРИ
50-53		
FINAL 1 I WATER SUPPLY 2 OBSERVATION WE STATUS 3 I TEST HOLE	ELL SUPPORT BL SUPPORT CABANDONED POOR QUALITY CONTINUES	WELL ZO W TX 30'TX 3
OF WELL	9      dewatering     S     Commercial	
WATER 2 STOCK 3 IRRIGATION USE 4 INDUSTRIAL	MUNICIPAL     DUBLIC SUPPLY     COOLING OR AIR CONDITIONING	
57 1 CABLE TOOL METHOD 2 ROTARY (CONVE OF 3 ROTARY (REVERS		
CONSTRUCTION · CROTARY (AIR) • AIR PERCUSSION	DRIVING	DEILLERS REMARKS 39029
NAME OF WELL CONTRACTOR	WELL CONTRACT	OR'S SOURCE SI CONTRACTOR 39.42 DATE RECEIVED 43.44 40
UNALLEY URILLI	Uglato 5222	O DATE OF INSPECTION INSPECTOR
PO Box 437	LARD, WELL TECHNICI	
Signature of technician contractor	LICENCE NUMBE 	

<ul> <li>★ 1 ★ 2 ★</li> </ul>		Lot \$2M	AY 89.	
Ministry 50	42587	The Ontar	io Water Resource	s Act
of the Lenvironment	WA	TER W	ELL F	REÇORD
Ontario		1523874	MUNICIP O 10	CON
	RECT BOX WHERE APPLICABLE	Rholton		
COUNTY OR DIATRICT	TOWNSHIP. BOROUGH. CITY. TOWN. VILL		ON., BLOCK, TRACT, SURVEY, E	LOT 25-27
OWNER (SURNAME FIRST) 20-47	ADDRESS	ROBIN	C	ATE COMPLETED 48-53
GREENSIDE CONST.	5A CEASAR	AUE NEPE	AN.	NO YR
l	OG OF OVERBURDEN AND BE	DROCK MATERIALS is	EE INSTRUCTIONS)	
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10-13 1 FRESH 3 ULPHUR		13-16 0	STAINLESS STEE	OF SCREEN
15-18 1 FRESH 3 CSULPHUR	1 Desteel 2 Galvanized 3 Concrete 4 Open Hole	0 72 6		& SEALING RECORD
$\begin{array}{c c} 2 & 4 & \text{Iminerals} \\ \hline 2 & \text{Salty} & 6 & \text{Gas} \\ \hline \end{array}$	IN IS I DISTEEL	20-33 DE	PTH SET AT - FEET MAT	ERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
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25-28 1 C FRESH 3 SULPHUR 21 4 MINERALS 2 SALTY 6 GAS	24-25 1 STEEL 26	27.30	18-21 22-25	avent .
30-33 1 FRESH 3 SULPHUR 34	4 OPEN HOLE		26-29 30-33 80	
2 SALTY 6 GAS	TE 11-14 DURATION OF PUMPING	······································	LOCATION OF	
71 1 1 PUMP 2 D BAILER 5	O GPN 15-16	17-18 MINS		
LEVEL PILMPING	T LEVELS DURING	IN DIAGRAM	BELOW SHOW DISTANCES	
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	FEET FEET FEET	FEET 42		$/ \vee  $
TF FLOWING.     38-61       GIVE RATE     2       RECOMMENDED PUMP TYPE     RECOMMENDED	FEET 1 CLEAR & CLO		12	, e
C RECOMMENDED PUMP TYPE RECOMMEN	ded 43-45 RECONMENDED PUMPING 10	40-09 GPM	τ <b>«</b>	
50-53				20/ 1
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STATUS 2 OBSERVATION 3 STATUS 3 TEST HOLE OF WELL 4 RECHARGE WEL	7 UNFINISHED			1 1 2
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WATER 2 STOCK 3 IRRIGATION	\$ 🔲 MUNICIPAL 7 🛄 PUBLIC SUPPLY			
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57 1 CABLE TOOL	• D BORING	- I I've		20
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CONSTRUCTION . TROTARY (AIR)	DID DIGGING OTHER	DRILLERS REMARKS		
NAME OF WELL CONTRACTOR	WELL CONTRAC	TOR'S DATA ER Source	54 5222 <sup>31,62</sup>	ATE RECEIVED 63-45 40
ADDRESS ADDRESS ADDRESS	ING CONTO 5222	ER SOURCE		OCT 2 4 1989
PO Box 43	7 CARD, ONT	- IS		
NAME OF WELL DEGINICIAN SIGNATURE OF FECHNICIAN	Well TECHNIC		· .	
SIGNATURE OF TECHNICIAN / CONTRACTO	22 SUBMISSION DATE			200 00
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Ministry		The Onta	rio Water Resource	es Act
of the	WAT	ER W	/ELL F	RECORD
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Z. CHECK COR	TOWNSHIP, BOROUGH, CITY, TOWN VILLAGE		CON . BLOCK. TRACT. SURVEY	
11) - and alex.	DUNROE	SIN	Con	DATE COMPLETED 44-53
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41 WATER RECORD	51 CASING & OPEN HOLE R	ECORD Z	ISLOT NO.	1-33 DIAMETER 34-38 LENGTH 39-40
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Z SALTY 6 GAS 30-33 1 FRESH 3 SULPHUR 34 4 MINERALS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE		26-29 30-33 80	6201.
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71 PUMPING TEST NETHOD 10 PUMPING RAT	10 7 15-16 17-18		LOCATION O	FWELL
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S IF FLOWING	E SET AT WATER AT END OF TEST 42			
IF FLOWING     JO-41     PUMP INTAKI       GIVE RATE     GPM     M       RECOMMENDED PUMP TYPE     RECOMMEND	FEET 1 CLEAR 2 CLOUDY		•	111 1
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50-53		्		WELL TX
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55-56 1 DOMESTIC	S COMMERCIAL			1 è
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CONSTRUCTION 4 C ROTARY (AIR) S AIR PERCUSSION	DRIVING	DRILLERS REMARKS	,	/33010
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S			DATE RECEIVED 43.68 80
	LICENCE NUMBER	DATE OF INSPECTIO	5222	OCT 2 4 1989
P D ARA 434	CARD PAT		INSPECTOR	
	WELL TECHNICIAN'S		I	
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Environment	WA	<b>ALE</b>			RECO	RD
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	OG OF OVERBURDEN AND BI	EDROCK MA	TERIALS (SEE IN	STRUCTIONS)		
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				54	65 31-33 DIAMETER 34-38	75 80
41 WATER RECORD	51 CASING & OPEN H	DEPTH - FI		*`` #8 、		3 FEET
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30-33 1 🗍 FRESH 3 🗍 SULPHUR 34 4 MINERALS 2 🗍 SALTY 6 🗆 GAS	G 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		26-	29 30-33 80		
71 PUMPING TEST METHOD 10 PUMPING RA 1 PUMP 2 D BAILER	TE 11-14 DURATION OF PUMPING	17-18	L	OCATION O	FWELL	
STATIC WATER LEVEL 25 END OF WATER	GPM HOURS	MINS	IN DIAGRAM BELO LOT LINE IND	W SHOW DISTANCE	S OF WELL FROM ROAD ROW.	AND
	S 30 MINUTES 45 MINUTES 60 MIN	NUTES 35-37				
	EET FEET FEET	FEET 42				
GPM					/	
RECOMMENDED PUMP TYPE RECOMMEND D SHALLOW DEEP SETTING	ED 43-43 RECOMMENDED SO FEET RATE	46-49 GPM	Lot1		$ \longrightarrow  $	Them
50-53					, 20'	$\sim /$
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55-56 1 3 DOMESTIC 2 STOCK 3 1 IRRIGATION	S COMMERCIAL G MUNICIPAL 7 DUBLIC SUPPLY					2
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57 I CABLE TOOL	• D BORING		N.			10
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NAME OF WELL CONTRACTOR	CONTO SZZZ		ATA 58 OURCE	5222	OCT 24 19	63-69 40 20
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NAME OF WELL TECHNICIAN	CARP, UNT		EMAPKS .	<u>.</u>		
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LOG OF OVERBURDEN AND BEDROCK MATERIALS "SEE INSTRUCTIONS!           DETTIN TOTAL           OTHER MATERIALS         DETTIN TOTAL           CONTRET AND BEDROCK MATERIALS         DETTIN TOTAL           GREWIS CLARY         PACKE D         O         J 3           GREWIS CLARY         MIGON MATERIAL DECORPTION         DETTIN TOTAL           SAMUERS         SAMUERS         DETTIN TOTAL AND TOTAL
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71     1     PUMPING TEST METHOD     10     PUMPING RATE     11-14     DURATION OF PUMPING       1     1     PUMP     2     BAILER     3     0     15-16     17-18
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O     FEET     FEET     FEET     FEET     FEET       11F     FLOWING, GIVE RATE     30.41     PUMP INTAKE SET AT     WATER AT END OF TEST     42
PEET     FEET     FEET     FEET     FEET       IF FLOWING, GIVE RATE     33.41     PUMP INTAKE SET AT     WATER AT END OF TEST     42       GIVE RATE     GPM     SO     FEET     1 DKLEAR     2 DKL       RECOMMENDED     FEET     1 DKLEAR     2 DKL     2 DKL       PUMP     RECOMMENDED     43.43     RECOMMENDED     44.49
a shallow there setting 50 reet RATE 10 GPN 20 133
FINAL 1 D WATER SUPPLY S ABANDONED, INSUFFICIENT SUPPLY 2 DOBSERVATION WELL G ABANDONED POOR QUALITY
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35-36         1         DOMESTIC         5         COMMERCIAL           2         STOCK         6         MUNICIPAL
WATER 3 IRRIGATION 2 PUBLIC SUPPLY USE 4 INDUSTRIAL 6 COOLING OR AIR CONDITIONING
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MANE OF WELL CONTRACTOR ALLEY DRILLING COLTO 5222
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BROWN       CLAY       Recken       3'       13'         GREYSN BLUE       CLAY       MOIST       13'       56'       61'         GREY       SIAT       SAND & CLAY       FINE       56'       61'       67'         BROWN       SAND       GREY SAND & GRAUCI       MED       61'       67'         BROWN       SAND       GREY SAND & GRAUCI       MED       61'       67'         BROWN       SAND       GREY SAND & GRAUCI       MED       61'       67'         BROWN       SAND       GREY SAND & GRAUCI       MED       61'       67'         BROWN       SAND       GREY SAND & GRAUCI       MED       61'       67'         BROWN       SAND       GREY SAND & GRAUCI       MED       61'       67'         BROWN       SAND       GREY SAND & GREY       SAND & GREY       SAND & GREYS       SAND & GREYS         BILL       HILL
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-
25-24 1 G FRESH 3 GULPHUR 24 5 PLASTIC 27-30 14-21 22-25
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2 SALTY 6 GAS 5 PLASTIC LOCATION OF WELL
71 1 DPUMP 2 D BAILER 8 GPM
STATIC WATER LEVEL WATER LEVELS DURING & DOWNING LOT LINE INDICATE NORTH BY ARROW.
10 25 25 25 25 25 25 25 NA
Vert     FEET     FEET     FEET     FEET       IF FLOWING.     30.41     PUMP INTAKE SET AT     WATER AT END OF TEST     42       GIVE RATE     GPM     50     FEET     1     CLOUDY       RECOMMENDED PUMP TYPE     PUMP     43.45     RECOMMENDED     44.43       PUMP     43.45     RECOMMENDED     44.43
RECOMMENDED PUMP TYPE RECOMMENDED 43-43 RECOMMENDED 44-43 PUMPING 5 PUMPING 5 GPM 20
Stores TX
FINAL 1 WATER SUPPLY S ABANDONED. INSUFFICIENT SUPPLY J J 30' Lof 17.
STATUS , TEST HOLE 7 UNFINISHED OF WELL 4 DECHARGE WELL 9 DEWATERING
WATER       3 [] IRRIGATION       7 [] PUBLIC SUPPLY         USE       4 [] INDUSTRIAL       I [] COOLING OR AIR CONDITIONING         I OTHER       7 [] NOT USED
METHOD 2 ROTARY (CONVENTIONAL) 7 D DIAMOND OF 3 DOTARY (REVERSE) 4 D JETING 39031
CONSTRUCTION & AIR PERCUSSION DIGGING OTHER DRILLERS REMARKS
WAKE OF WELL CONTRACTOR     WELL CONTRACTOR'S       WELL CONTRACTOR     Source       ALLEY     ALLEY       ADDRESS     ADDRESS
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DAY         MO.         YR.         O         C.S.S.         E-3           MINISTRY OF THE ENVIRONMENT COPY         FORM NO. 0506 (11/86) FORM

Ministry 42593 The Ontario Water Resources Act	. <b>**</b> *
Ministry of the 50, 42593 The Ontario Water Resources Act WATER WELL REC	CORD
Ontario Environment1523879	04
1. PRINT ONLY IN SPACES PROVIDED 2. CHECK ⊠ CORRECT BOX WHERE APPLICABLE	
COUNTY OR DISTRICT CON. BLOCK. TRACT. SURVEY ETC	5
OWNER (SURNAME FIRST) 28-47 ADDRESS DATE COMPLETE	
GREENSIDE CONST. 5A CEASAR AUE NEREAN DAY	HI IV
NOST	DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL OTHER MATERIALS GENERAL DESCRIPTION	FROM TO
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onegorial and a second and a second and a second	18' 51'
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BROWN DAND GREYDAND. MED 5	
$\begin{bmatrix} 32 \\ 1 \\ 21 \\ 10 \\ 14 \\ 15 \\ 16 \\ 14 \\ 15 \\ 16 \\ 16 \\ 15 \\ 16 \\ 16 \\ 16 \\ 16$	34-38 LENGTH 39-40
WATER FOUND KIND OF WATER INSIDE MATERIAL MALL DEPTH - FEET WALL AND TYPETEL COO ONLY DEP	INCHES SFEET
554050 2 BALTY 4 MINERALS //1001 10 STEEL 1990 MARCH STAINGESS STEEL	CREEN 53 FEET
	G RECORD
$\frac{20-23}{1 - FRESH} = \frac{3}{1 - SULPHUR} = \frac{24}{7 - 1} = \frac{19}{2 - 24} = \frac{19}{7 - 10} = \frac{20-23}{7 - 10} = \frac{20-23}{7 - 10} = \frac{10}{7 - 10}$	E (CEMENT GROUT LEAD PACKER ETC.)
23-22 T EPERN 3 DSULPHUR 23 1/2 SUPLASTIC	TENT
30-33 P COCCU 3 USULPHUR	out.
PUMPING TEST METHOD     10     PUMPING RATE     II-14     DURATION OF PUMPING       1     PUMP     2     BAILER     A     51-16     17-18	
STATIC LEVEL 25 VATER LEVELS DURING 2 PUMPING LEVEL NOT LINE INDICATE NORTH BY ARROW.	M ROAD AND
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	
GPM 27 FEET 1 CLEAR & CLOUDY 76	
A SHALLOW DEEP SETTING 20 FEET RATE GPM	6
FINAL     1     Image: Water supply     1     Abandoned, insufficient supply     37       STATUS     2     Observation well     1     Abandoned poor quality     37       STATUS     1     Test hole     1     Unfinished	
OF WELL 4  RECHARGE WELL 9  DEWATERING	
WATER 3 DIREIGATION 7 DIPUBLIC SUPPLY	
USE + INDUSTRIAL + COOLING OR AIR CONDITIONING OTHER + NOT USED	
METHOD       z       ROTARY (CONVENTIONAL)       7       Diamond       7         OF       3       DOTARY (REVERSE)       4       Detting       4         CONSTRUCTION       4       POTARY (air)       4       Driving	39025
AIR PERCUSSION DIGGING OTHER     DIGGING DIGHER	
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	WAT	ER WE	ELL RE	ECORD
Ontario Environment	<b>- - - -</b>	1523880	NUNICIP 10 CT	ON / ALOA
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COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON .	BLOCK, TRACT, SURVEY ETC	LOT 45-27
OTIANA CARLETON	U ADDRESS	BIN	CON 4	MPLETED CIRCUIT
OWNER (SURNAME FIRST) 20.47 CREENS(JE ONS	1 - 1 0 - 1 - 0	C AVE NEL	IEAN . DAY_	мо ук 88
ZONE EASTING	NORTMING RC.	ELEVATION RC	BASIN CODE	
			31	
L	OG OF OVERBURDEN AND BEDRO	OCK MATERIALS (SEE IN	NSTRUCTIONS)	DEPTH - FEET
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BROWN SAND		600	USE	0 2'
Beause CLAU		Pac	KED	2' 14'
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DROWN DAND	Some GRAVE		ED	
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			54 6 SI OF OPENING 31-33 DI	AMETER 34-38 LENGTH 39-40
41 WATER RECORD	51 CASING & OPEN HOLE	RECORD 2 (SLOT		6 INCHES 3 FEET
WATER FOUND KIND OF WATER	NATEDIAL THICKNESS		RIAL AND TYPE TELESCY	
$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \begin{array}{c} \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \\$	(0), 1 1 STEEL 12 (88)	D 6/14/10 51	MINLESS STEE	
15-18 1 FRESH 3 SULPHUR 2 SALTY 6 CAS 2 SALTY 6 CAS	4 DOPEN HOLE	61	PLUGGING & SE	ALING RECORD
20-23 1 FRESH 3 SULPHUR 24	- 11 1 LISTEEL 19 2 GALVANIZED 100 1	20-13 DEPTH	SET AT - FEET MATERIAL	AND TYPE LEAD PACKER, ETC.)
2 SALTY 6 GAS	52 3 CONCRETE 4 OPPEN HOLE 5 D PLASTIC	10 GX 0	0-13 75 C	EMENT
25-28 1 C FRESH 3 SULPHUR 4 MINERALS 2 SALTY 6 GAS	24-25 1 STEEL 26		4	pout.
30-33 I FRESH 3 SULPHUR 34	2 0 GALVANIZED 3 0 CONCRETE 4 0 OPEN HOLE	20	6-29 30-33 80	
2 🗌 SALTY 6 🗆 GAS	ATE 11-14 DURATION OF PUMPING	J <u></u> J <u></u> J <u></u>		
71 PUMPING TEST METHOD 10 PUMPING R	ATE DURATION OF PUMPING IS-16 17-18 GPM HOURS		OCATION OF WI	
STATIC WATER LEVEL 25 END OF WATER	T PUMPING	IN DIAGRAM BEL LOT LINE IN	OW SHOW DISTANCES OF WE DICATE NORTH BY ARROW.	LL FROM ROAD AND
LEVEL PUMPING	ES 1 30 MINUTES   45 MINUTES   60 MINUTES			L.
	4-20 7 631 20 H-34 7 05-37 FEET FEET FEET FEET FEET			1
IF FLOWING. GIVE RATE	- ( )		4	
U     FEET     FEET     FEET       IF FLOWING.     JB-61     PUMP INTAG       GIVE RATE     GPM       RECOMMENDED PUMP TYPE     RECOMMEN       PUMP     PUMP	FEET	Lot:	(۲۰۰۰)	1 20 X
SHALLOW DEEP SETTING	28 FEET RATE 5 GPM	Lo+ -	$\mathcal{I}$ . We have	TX
50-53				30 4
FINAL 2 OBSERVATION V				
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55-36 1 D DOMESTIC				
WATER 2 STOCK 3 I IRRIGATION	<ul> <li>MUNICIPAL</li> <li>PUBLIC SUPPLY</li> </ul>			o x e c
USE 4 D INDUSTRIAL	COOLING OR AIR CONDITIONING Inot used	"k		X
57 1 CABLE TOOL	BORING	N''		00
	(ENTIONAL) 7 DIAMOND			adaan
	DRIVING			39024
	WELL CONTRACTOR'S	DRIÚLERS REMARKS	CONTRACTOR 59-62 DATE REG	EIVED 63.68 80
MANE OF WELL CONTRACTOR	NGCOLTO SZZZ		5222 0	CT 2 4 1989
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SIGNATURE OF TECHNICIAN CONTRACTO		OFFICE		COSAC
				FORM NO. 0506 (11/86) FORM 9
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n without in		-05				MAY 89			
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Enviro	onment		WAI				ON	5 04	
Ontario	1. PRINT ONLY IN S		11 T.	e Go Lt		5018	Lot		
COUNTY OR DISTRICT		ECT BOX WHERE APPLICABLE	Y. TOWN. VILLAGE			C. TRACT, SURVEY, ETC	,		
OWNER ISURNAME FIRST	Carleton		investi	<u>~~</u>		CON 4		9" VC	
GREENSI	$1  \alpha$		EASAR	AJE	NEA	EAN DAY	<u> мо</u>	<u> </u>	
21	ZONE EASTING U T M 10 12		LLLL L						
1 2			AND BEDRO		S (SEE INSTRU	ICTIONS)			
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS		GENERAL DE	SCRIPTION	DEPTH FROM	- FEET TO	
BROWN	CLAY				PACKE	<u></u>	0	14	
GREY	CLAY				Mois		16'	46'	
GREU	Silt	SAND OCL	ALAYE	RS	WET		46	55	
GREY	SAUD	SAND CL BROWN S		MED 55			60'		
	- HND		-						
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								<u> </u>	
31									
					SIZE (S) OF C	DPENING / 31-33 0	AMETER 34-38	LENGTH 39-40	
WATER FOUND	KIND OF WATER	INSIDE		DEPTH - FEET		6	O INCHES	3 FEET	
AI - FEET DIAM INCHES INCHES				) <u>50</u> ***	S STAL	WE KSS STEEL	OF SCREEN		
	FRESH 3 USULPHUR	1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE	",188 C	, 50	61	PLUGGING & SE			
2 🗌	4 LI MINERALS 6 II GAS	1 5 DPLASTIC 1.771 <sup>6</sup> 1 STEEL <sup>19</sup> 1 20-23				DEPTH SET AT - FEET MATERIAL AND TYPE ICEMENT GROUT			
	4 □ MINERALS 5 ALTY 6 □ GAS	$\int_{1}^{2} \int_{3 \text{ CONCRETE}}^{2 \text{ GALVANIZED}} \int_{0}^{28} \frac{34}{56} = 56$							
	FRESH 3□SULPHUR ** 4□MINERALS SALTY 6□GAS	5 D PLASTIC 24-25 1 D STEEL 2 D GALVANIZED 2 D GALVANIZED			18-21	0"-" 20" CEMENT 10-21 22-25 GROUT.			
	FRESH 3 D SULPHUR 34 4 D MINERALS SALTY 6 D GAS	G 3 CONCRETE 4 COPEN HOLE 5 CPLASTIC			26-29	30-33 80			
71 PUMPING TEST METH	HOD 10 PUMPING RAT		PUMPING 5-16 17-18		LOC	ATION OF W	ELL		
1 DPUMP	WATER LEVEL 25	<u></u> но	DURS MINS			HOW DISTANCES OF WE	LL FROM ROAD	AND	
LEVEL	RECOVERY		INEL INDICAL	E NORTH BY ARROW.	N				
	72-34 2 3-37 FEET FEET FEET 42	H H			N-				
IF FLOWING. GIVE RATE	38-41 PUMP INTAKE	SET AT WATER AT EN	128						
IF FLOWING, GIVE RATE	PUMP	D 43-45 RECOMMENDED	5					-	
SU-53	D DEEP SETTING		GPM .	4		30			
FINAL	34 1 WATER SUPPLY	B ABANDONED. INS		1 3		30 WELL	Lot B	'	
STATUS OF WELL	2 DOBSERVATION WE 3 D TEST HOLE 4 RECHARGE WELL	LL & ABANDONED POC 7 UNFINISHED 9 Dewatering	OR QUALITY	Ó		<b>D</b> (0) <b>L</b> =			
		S COMMERCIAL		c	201				
WATER	2 🗍 STOCK 3 🗍 IRRIGATION 4 🗍 INDUSTRIAL	<ul> <li>€ ☐ MUNICIPAL</li> <li>7 ☐ PUBLIC SUPPLY</li> <li>● ☐ COOLING OR AIR CON</li> </ul>	DITIONING						
USE		—	OT USED						
METHOD	57 1 CABLE TOOL 2 ROTARY (CONVEL	• BORING NTIONAL) 7 DIAMON	D	1 20	-				
OF CONSTRUCTIO	3 D ROTARY (REVERS	E) I JETTING					39	027	
	S - TR PERCUSSION			DRILLERS REMAR		ACTOR 59-62 DATE REG		63-66 80	
MAME OF WELL O	EY DRILLI		LL CONTRACTOR'S ENCE NUMBER	DATA SOURCE	5	222 0	CT 24 19	89	
ADDRESS ADDRESS	2, 427	CARDON			ECTION	INSPECTOR			
C NAME OF WELL TECHNICIAN WELL TECHNICIANS									
	TECHNICIAN CONTRACTOR	SUBMISSION DATE	-01401	OFFICE				~ ~	
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Ministry SO	42594		The O	ntario Water Reso	ources Act			
of the 7-0-	(	WAT	ER \	WELL	RECC	ЯŊ		
Ontario			5,2388		CON	- 29		
	I SPACES PROVIDED RECT BOX WHERE APPLICABLE	411 Jose 100	(ton		14 15	27 63 74		
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CI		•	CON . BLOCK. TRACT. SU	AVEY ETC			
OTTAWA, CARLETO		UNROB			DATE COMPLETED	(4.5) 00		
GREEAFIDE CONS		EASAR	ADE	NEPEAN	. DAY MO	<u>ув</u>		
ZONE EASTING	NORTHING	RC III		RC / BASIN CODE		···		
		24 25	28	30 31				
L	OG OF OVERBURDE	N AND BEDRO	CK MATERIAL	S (SEE INSTRUCTIONS)	DEPT	H - FEET		
GENERAL COLOUR COMMON MATERIAL	OTHER M	ATERIALS		GENERAL DESCRIPTION		TO		
BROWN CLAY				PACKED	0	16		
GREVISH BLUE CLAY				MOIST	16'	46		
GREYBROWN SAND	$\leq 1 \pi$			FINE	416	56		
		5.17		FINE	56'	60'		
BROWN SAND	GREY	DILI		TIVE				
		<u></u>						
				SIZE (S) OF OPENING	31-33 DIAMETER 34-34	1 75 80		
41 WATER RECORD		SOPEN HOLE F	ECORD		6 INCHES			
WATER FOUND KIND OF WATER	INSIDE DIAM MATERIAL INCHES	THICKNESS FRO		MATERIAL AND TYPE 7	ELESCOM DEPTH TO TOI OF SCREEN			
$\begin{array}{c cccc} 10&13 & I & FRESH & 3 \square SULPHUR \\ 56 & I \square S & I \square S & I \square SULPHUR \\ 2 \square SALTY & 4 \square MINERALS \\ 6 \square GAS & G \square GAS \\ \end{array}$	1 STEEL 2 GALVANIZED	1886	52"	" STAINLESS	STELL 5	G FEET		
15-18 1 _ FRESH 3 _ SULPHUR 19	,.00 0		ING & SEALING REC	ALING RECORD				
2 C SALTY 4 MINERALS 6 GAS 20-23 1 FRESH 3 SULPHUR 24	188 20	20-73 DEPTH SET AT - FEET MATERIAL AND T			MENT GROUT			
Z SALTY 6 GAS	1,001.3				,t			
25-28 1 G FRESH 3 SULPHUR 4 MINERALS 2 SALTY 6 GAS	26	27-30 18-21 22-25			ROUT			
30-33 I FRESH 3 DSULPHUR 34	4 DOPEN HOLE			26-29 30-33				
2 SALTY 6 GAS	5 DPLASTIC							
71 PUMPING TEST METHOD 10 PUMPING R/	10 7-	15-16 17-18 HOURS MINS		LOCATION	OF WELL			
STATIC WATER LEVEL 25		D PUMPING	IN DIA	4	ANCES OF WELL FROM ROAD	AND		
	ES 30 MINUTES 1 45 MINU				RN			
10-21 22-24 IS MINUTES 30 MINUTES 45 MINUTES 60			X		The second se			
IF FLOWING.     JB-41       GIVE RATE     GPM       RECOMMENDED PUMP TYPE     RECOMMENDED       PUMP     PUMP	KE SET AT WATER AT E	END OF TEST 42	1 LX					
GPM GPM RECOMMENDED PUMP TYPE RECOMMEND	27 FEET 1 DEL			×				
A BY SHALLOW DEEP SETTING		5 дрм	4					
50-53			2	Zo	. 1			
FINAL 2 OBSERVATION W		SUFFICIENT SUPPLY		wi wi	Ell Lof,	4		
STATUS 3 TEST HOLE OF WELL 4 RECHARGE WEL	7 UNFINISHED			1 70'				
55-56 1 DOMESTIC			9					
	6 🔲 MUNICIPAL 7 🔲 PUBLIC SUPPLY							
	COOLING OR AIR CO	ONDITIONING NOT USED	919					
57			0					
		N D						
	DRIVIN	IG			36	9026		
S CAIR PERCUSSIO			DRILLERS REMARI			63.68 40		
MAME OF WELL CONTRACTOR	ING COLTO	ELL CONTRACTOR'S ICENCE NUMBER		54 CONTRACTOR 5222	2 OCT 2 4 19			
LO. BOX 431	$\mathbf{b}$	- ccc	DATE OF INSP		TOR			
SIGNATURE OF TECHNICIAN	2	T-0190						
SIGNATURE OF TECHNICIAN CONTRACTO		E	OFFICE					
		MO YR	Ľ	<u></u>	FORM NO. 050	8 5 . 125 96 (11/86) FORM 9		
MINISTRY OF THE ENVIR	UNMENT CUPY							

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Ministry SOL	42592	The C	Ontario Water Resour	ces Act
of the 5.07 Environment	WAT	ER	WELL	
Ontario	SPACES PROVIDED	15238		Support 17
2. CHECK 🗵 CORR	TOWNSHIP, BOROUGH CITY, TOWN, VILLAGE	ORVOL	CON BLOCK TRACT, SURVE	
OTTAWA CARLETO	ADDRESS DUNRCBI	V	Con	DATE COMPLETED
GREENSIDE CONS	ST. 5A CEASAR	AUE	NEAEAN -	DAY 31 NO 8 YR 88
	DG OF OVERBURDEN AND BEDRO	CK MATERIA	LS (SEE INSTRUCTIONS)	
GENERAL COLOUR MOST	OTHER MATERIALS		GENERAL DESCRIPTION	DEPTH - FEET FROM TO
BROWN CLAY			PACKED	0'16
GREYISH BLUE CLAY			Aloist	16 68
GREY SILT			Wet	68 72
BROWN SAND	GREY SAND.		MED	72' 74
GREY SAND	Silt		FINE	179 90
1		•		
	<u> </u>	<u> </u>	1.	
41 WATER RECORD	51 CASING & OPEN HOLE	RECORD	Z SIZE (S) OF OPENING SLOT NO )	31-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET KIND OF WATER	INSIDE MATERIAL THICKNESS	DEPTH FEET ROM TO	W MATERIAL AND TYPE TEL	ESCOPING OF SCREEN 41-44 10
10-13 10-13 1 FRESH 3 SULPHUR 4 MINERALS 6 GAS	1011 1 DEFEEL 12 188	0 72'		FEEL 72 MET
15-18   _ FRESH 3 _ SULPHUR 19 2 _ SALTY 6 _ GAS	94 3 CONCRETE 4 OPEN HOLE 5 PLASTIC		61 PLUGGIN	G & SEALING RECORD
20-23 1 FRESH 3 SULPHUR 24	5/1 1 Coreel 5/1 2 GALVANIZED 3 CONCRETE 1889 5	0' 72'	FROM TO	MATERIAL AND TYPE LEAD PACKER. ETC.)
25-28 1 FRESH 3 USULPHUR 29	24-25 26	27-3		CEMENS
2 [] SALTY 6 [] GAS 30-33 1 [] FRESH 3 [] SULPHUR 34 4 [] MINERALS	$ \begin{array}{c} 1 \square \text{steel} \\ 2 \square \text{Galvanized} \\ \text{sq} \\ 3 \square \text{concrete} \\ 4 \square \text{Open Hole} \end{array} $		26-29 30-33 BO	6 RO JT
2 [] SALTY 6 [] GAS	5 D PLASTIC			
71 1 D PUMP 2 D BAILER	4 GPM 6 HOURS MINS		LOCATION	
LEVEL PUMPING	LEVELS DURING 1 PUMPING 2 RECOVERY		UNE INDICATE NORTH BY A	RROW.
10-21 22-24 15 MINUTE	a 69" 69" 69"		The	$ $ $\sim$ $ $
	EET FEET FEET FEET FEET FEET			4
C PEET PEET PUNP INTAK IF FLOWING. GIVE RATE GPM RECOMMENDED PUNP TYPE PUMP				TRAI
G SHALLOW CLAREP SETTING	6 Treet RATE 4. GPM			
54	S 🗋 ABANDONED, INSUFFICIENT SUPPLY		( 7	$w \in \mathcal{U} \xrightarrow{20} \mathcal{W}$
STATUS 2 OBSERVATION W			Lot7	
OF WELL	9 D DEWATERING		i	50
WATER 3 I IRRIGATION	6 🗍 MUNICIPAL 7 🗍 PUBLIC SUPPLY	-		
USE 4 DINDUSTRIAL	COOLING OR AIR CONDITIONING     I NOT USED			0
	BORING			
METHOD 2 DI ROTARY (CONVE OF 3 DI ROTARY (REVER CONSTRUCTION 4 DI ROTARY (AIR)				39022
		DRILLERS REMA		
NAME OF WELL CONTRACTOR	Nacoto SZZZ	DATA SOURCE DATE OF IN	<b>5222</b>	OCT 2 4 1989
BUANNEY DRILLI	Par Mit	μ		
	CARP, UNI LICENTECHNICIAN'S		<u> </u>	
NAME OF WELL TECHNICIAN BILL IS ISSUE	7-0190	OFFICE		
	DAY MO YR	ō		CSS. CS FORM NO. 0506 (11/86) FORM 9
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Ministry of the	42590 WAT	The Ontario Water Resources	
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	SPACES PROVIDED	1523884	Lot 1/0 1/2 (g)
	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON . BLOCK. TRACT. SURVEY ETC	LOT 25-27
OWNER (SURNAME FIRST)	ADDRESS		
GREENSIDE CON	ST, SA CEASAR	HUE NEAEAN. DA ELEVATION RC BASIN CODE	Y MO YR
NOST		GENERAL DESCRIPTION	DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS		FROM TO
BROWN CHAY		Maist	12' 70
GREY SILT		Wet	70' 81
BROWN SAND	GRAVEL.	MED	81 87
31 444			
			65 60 Diameter 34-38 Length 39-40
41 WATER RECORD	DIAN MATERIAL THICKNESS		DEPTH TO TOP A1-44 10
82 + 10-14 1 TRESH 3 DSULPHUR 14	INCHES INCHES FR	17-16 0 STAINLESS SI	( SCHEEN ()
15-18 1 C FRESH 3 C SULPHUR 19 4 C MINERALS	6/4 20 GALVANIZED 30 CONCRETE 40 OPEN HOLE 50 PLASTIC	S 80 61 PLUGGING &	SEALING RECORD
20-23 1 FRESH 3 DSULPHUR 24	1744 1 DISTEEL 19	0 82 DEPTH SET AT - FEET MATE	RIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
25-28 1 FRESH 3 ULPHUR 29	5/2 3 GONCRETE 4 OPEN HOLE 24-15 	27·30 10-13 25-17 14-21 22.25	CEMENT
2 [] SALTY 6 [] GAS 30-33 1 [] FRESH 3 [] SULPHUR 34 4 [] MINERALS	1 U STEEL	26-29 30-33 80	GROUT.
2 SALTY 6 GAS	5 🗆 PLASTIC		
71 1 PUMP 2 BAILER	30 GPN 15-16 17-18 MINS	LOCATION OF	•
LEVEL PUMPING	IPUMPING           IPUMPING           IRECOVERY           ES   30 MINUTES   45 MINUTES   60 MINUTES	LOT LINE INDICATE NORTH BY ARRON	
10 50 II	6.28 (19-31) (132-34 (133-37) FEET FEET FEET FEET FEET	NT	t d
C IF FLOWING. SIVE RATE			
RECOMMENDED PUMP TYPE RECOMMENDED PUMP	Ded 43-43 RECOMMENDED 46-49		20 4
SO-53	FEET RATE GPM	Lotle.	JELL TX
FINAL 1 WATER SUPPLY	ABANDONED, INSUFFICIENT SUPPLY     ABANDONED POOR QUALITY		40'
STATUS OF WELL CF WELL	7 🗋 UNFINISHED		V
55-56 1 DOMESTIC 2 STOCK 3 REIGATION	S COMMERCIAL G MUNICIPAL		2
USE 3 IRRIGATION USE 4 INDUSTRIAL	7 DUBLIC SUPPLY  COOLING OR AIR CONDITIONING  NOT USED		
57	• □ BORING		
METHOD 2 TO ROTARY (CONVE OF 3 TO ROTARY (REVER	ENTIONAL) 7 DIAMOND		39023
CONSTRUCTION 4 CP ROTARY (AIR) 1 AIR PERCUSSION		DRILLERS REMARKS	
C DAWNEY BRILLI	NGCOTO SZZZ		E AECELIVED 43-44 1989
ADDRESS	$\cap$	O DATE OF INSPECTION INSPECTOR	<del></del>
HAME-OF WELL-TECHNICIAN	WELL TECHNICIAN'S		
SIGNATURE OF TECHNICIAN CONTRACTOR	R SUBMISSION DATE	OFFICE	
MINISTRY OF THE ENVIR			FORM NO. 0506 (11/86) FORM 9
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Queen of oth Out with United Inc. 9         Summer of the United Inc. 9			~	TOWNSHIP, BOROUGH, CIT	Y, TOWN, VILLAGE		CON . BLOCK. TRACT. SURVEY	4
LOG OF OVERBUIDEN AND BEDFOCK MATERIALS SECTION:           Weight Schwart, Sc					DJEENG	<u>f. 0ft.</u>	Oaut - KIP-GL	DAY 26 MO 4 YR 8
BIT ALL CLOSE     CONTRAL		2				26	30 31	
CALLANC COLONG         Colonge of the colonge of				OG OF OVERBURDEN	AND BEDROC	K MATERIAL		DEPTH - FEET
Brown     Stores     Packed     Packed     Packed       Brown     Stores     Stores     Stores     Packed     11     11       Brown     Stores     Stores     Stores     Stores     17     17       Brown     Stores     Stores     Stores     17     17     17       Brown     Stores     Stores     Stores     17     17     37       Brown     Stores     Stores     Stores     17     17     37       Brown     Stores     Stores     Stores     17     17     37       Brown     Brown     Stores     Stores     18     11     11       Brown     Brown     Brown     Brown     Brown     11     11       Brown     Brown     Brown     Brown     Brown     Brown     Brown     Brown     Brown       Brown     Brown     Brown     Brown     Brown     Brown     Brown     Brown     Brown     Brown       Brown     B	GE	ENERAL COLOUR		OTHER MA	TERIALS		GENERAL DESCRIPTION	
BRUUND         STOMES         SAND         MED	1	5	SAND	C			PACKED.	D' II'
BADWAN     SAWD     MED     19     317       GREY     SAWD     MED     Fire     327       BROWN     MED     Fire     327       BROWN     MED     Fire     327       BROWN     MED     Fire     327       BROWN     MED     Fire     537       BROWN     MED     Fire     Fire       BROWN     Fire     Fire       BROWN<		<b>\</b>	CLAY	STONES	Scald Sit	T	PackED	11 19'
STREY       SAND       MED Fine       37       SO         31       Intel		5	SAUD	- IUNES,			MED	19' 37'
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□ SHALLOW       WDEEP       SETTING								13
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Well contractors well contractor b NAME OF WELL CONTRACTOR b LICENCE NUMBER SOURCE ADDRESS ADDRES	0		ION 4 PROTARY (AIR)	S DRIVING	i	DRILLERS REMARI	ĸs	32114
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41 WA	TER RECORD	INSIDE		RECORD				
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	2 DBAILER	30 GPM 6 15-10	17-18			OW DISTANCES OF WELL		
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U IF FLOWING. GIVE RATE RECOMMENDED PL	SE-41 PUMP INTAKE	6	2 CLOUDY	1.4				
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OF WELL	4 RECHARGE WELL	D DEWATERING		Ň			,	40198
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OF CONSTRUCT	ION ROTARY (REVERS	DRIVING		DRILLERS REMAR	кs [		- 5	52774
NAME OF WELL	_ CONTRACTOR	WELL	CONTRACTOR'S	DATA	SE CONTRAC			63-68 80
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of the		The Ontario Water Resources Act <b>ER WELL RECORD</b>
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OWNER (SURNAME FIRST)	NST. SOITE 111 - 22	3 COLOWNAGE DAY MO 03 YR. 89
	17 18 24 25 DG OF OVERBURDEN AND BEDROO	
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		43 54 55 75 80 (SUTE IS) OF OPENING 31-13 DIANETER 34-34 LENGTH 39-40
41 WATER RECORD		RECORD
AT - FEET	DIAM MATERIAL THICANESS FRO	1716 O Grand Arec TEFI 43
15-18 1 CT CRECH 3 SULPHUR 19	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	61 PLUGGING & SEALING RECORD
2 AMINERALS 2 SALTY 6GAS 20-23 1 FRESH 3SULPHUR 24	5 UPLASTIC 17-10 1 UFFEL 2 GALVANIZED 5/2 3 CONCRETE 4 GORGENHOLE //88 23	20/33 DEPTH SET AT - FEET MATERIAL AND TYPE (CEMENT GROUT FROM 10 LEAD PACKER ETC.)
2 SALTY 6 GAS 2 SALTY 6 GAS 25-20 1 FRESH 3 DSULPHUR 29 4 OMINERALS 4 DIMERALS 4 DIMERALS	5/2 2 GALVANIZZD 3 GCONCRETE 5 PLASTIC 24-23 26	3 4/5 0 10-13 25-44-17 CEMENT GROWT.
2 C SALTY 4 MINERALS 6 GAS 30-33 1 FRESH 3 SULPHUR 34 4 MINERALS	1 USTEEL 2 DGALVANIZED	26-28 30-33 80
2 SALTY 6 GAS		LOCATION OF WELL
71 1 PUMP 2 BAILER	5 GPM	
	LEVELS DURING 2 RECOVERY	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NOBTL BY ARROW.
₩ 17 <b>18</b> 18	-28 18 19-31 18 32-34 18 55-37 FEET FEET FEET FEET	NN NE IN
TIF FLOWING. GIVE RATE GIVE RATE GPM RECOMMENDED PUMP TYPE PUMP RECOMMENDED PUMP TYPE RECOMMENDED PUMP TYPE	E SET AT WATER AT END OF TEST 42 25 FEET 1 CLEAR 2 CLOUDY	
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57 1 CABLE TOOL METHOD 2 ROTARY (CONVE	BORING ENTIONAL)     7     DIAMOND	
OF 3 CONSTRUCTION 4 ROTARY (REVER	ISE) I DETTING 9 DRIVING	55280
NAME OF WELL CONTRACTOR	WELL CONTRACTOR'S	DATA SS CONTRACTOR SS.62 DATE RECEIVED 63.68 00
15 JALLEY DRILLI	NG COLTD S222	DATA SOURCE STORE
5 00 2 100	CARP, ONT	
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	10 Slab Lot 100
COUNTY OR DISTRICT CON BURNSHIP, BOBOUGH, CITY, TOWN, VILLAGE CON. BLOCK LOACE	
OWNER (SURNAME FIRST) 20-47 ADDRESS ON GREENSIGE CONST. SUITE 111 - 273 GLONNALE NEPED	4. DATE COMPLETED 44.53 4. DAY 15 NO 03 YR 89
ZONE         EASTING         NORTHING         RC.         ELEVATION         RC         BASIN CODE           1         2         4         1	
COLOR OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS	DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL OTHER MATERIALS GENERAL DESCRIPTION	
GREY Chay Moist	13 57
BROWN SAND. GREY SAND. MED.	57 68'
32     10     14     15     21     12     14     15     21     14     15     16     <	65 73 80 31-33 DIAMETER 34-36 LENGTH 39-40
WATER FOUND KIND OF WATER INSIDE MATERIAL MATERIAL THICKNESS FRIM TO MATERIAL AND TYPE	DEPTH TO TOP 41-44 30 OF SCREEN
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	GGING & SEALING RECORD
2 SALTY 4 MINERALS 7 5 PLASTIC 20-23 1 FRESH 3 DSULPHUR 24 7.1 1 DSTEEL 19 7.20,23 DLPTH SET AT - FEET 20-23 1 FRESH 3 DSULPHUR 24 7.1 1 DSTEEL 7.0 1 DSTEEL 7.0 1 0 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)
25-28         1         ☐         FRESH         3         □ SULPHUR         29         5         □ PLASTIC         0         25           4         MINERALS         24-23         24         24         27-30         18-21         22-22	COMENT GROUT
2 GALVANIZED	33 80
71 PUNPING TEST METHOD 10 PUMPING RATE 11-14 DURATION OF PUMPING LOCATIO	DN OF WELL
STATIC WATER LEVEL 23 WATER LEVELS DURING 2 DUMPING LOT LINE INDICATE NORT	STANCES OF WELL FROM ROAD AND H BY ARROW.
5         10-21         22-24         15 NINUTES         30 MINUTES         45 MINUTES         60 MINUTES           5 </td <td></td>	
UNDER     FEET	N N
SHALLOW DEEP SETTING GO FEET RATE GPM	
50-53	
FINAL DESERVATION WELL & D ABANDONED POOR QUALITY	
SS-SS I DOMESTIC S COMMERCIAL 2 D STOCK S D NUNICIPAL	ll 40'
WATER       3       IRRIGATION       7       PUBLIC SUPPLY         USE       4       INDUSTRIAL       4       Cooling or air conditioning         UOSE       0       OTHER       9       Not used       200	il.
57     1     CABLE TOOL     6     BORING       METHOD     2     ROTARY (CONVENTIONAL)     7     DIAMOND	SPINE TRAIL 55281
OF 3 CONSTRUCTION (REVERSE) I DISTING CONSTRUCTION (AIR) DIRIVING AIR PERCUSSION DIGGING OTHER DRUCERS REMARKS	55281
ALLEY DRIALING CONTRACTOR SUBER SUBCE	2 ATE RECEIVED 2 4 1989 "
ADDRESS DATE OF INSPECTION ASP ADDRESS DATE OF INSPECTION ASP	ECTOR
Well technician's Licence number	
SIGNATURE OF TECHNICIAN CONTRACTOR     SUBMISSION DATE       DAY     MO.	C55-25 FORM NO. 0506 (11/86) FORM 9

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Mini of th		· · · · · · · · · · · · · · · · · · ·	WAT				ECORD
Ontario Envi	ironment		1	5239	5 <u>0</u> <b>нониси</b>		ONICO
Ontario	1. PRINT ONLY IN 2. Check 🗵 Corf	SPACES PROVIDED RECT BOX WHERE APPLICABLE	II TOR	bolton			5.6 LOT 004
COUNTY OR DISTRICT	p	TOWNSHIP, BOROUGH, CIT			CON BEOCK TR	ACT. SURVEY ETC	1 1 1 1
					175.0.5.0.1		COMPLETED 3 4 - 53 489
		<u> </u>	2736Lo	ELEVATION	RC BASIN COD		
		17 18					f
	MOST				GENERAL DESCR		DEPTH - FEET
GENERAL COLOUR	CONMON MATERIAL				PACK	= D	() 15
BROWN	CLAY		<u></u>		Mois		15' 67'
GREY	SAND	SOMELAY	FRS of Sil	4	Wet.	1	67 72
GREY	SAND	COME PHY			<u> </u>		
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		<u> </u>				1.1.1.1	
	TER RECORD	51 CASING &	OPEN HOLE RI		SIZE SI OF OPEN	1	DIAMETER 34-38 LENGTH 38-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL DE THICKNESS INCHES FRU	PTH FEET	MATERIAL AND	U TYPE	DEPTH TO TOP OF SCREEN OF A1-44 10
69+072 :	FRESH 3 SULPHUR SALTY 4 MINERALS 6 GAS	1 ESTEEL 2 GALVANIZED 3 OCONCRETE	12 .188 0	67***	" STAIN		
15-18 1	FRESH 3 SULPHUR <sup>19</sup> 4 CMINERALS SALTY 6 DGAS	4 DOPEN HOLE 5 DPLASTIC		-		FFT	CEMENT GROUT
	☐ FRESH 3 □SULPHUR 24 ☐ FRESH 4 □ MINERALS □ SALTY 6 □ GAS	5 2 GALVANIZED 3 CONCRETE 4 OPPEN HOLE	,188 411	1 ' 6 <sup>4<sup>23</sup></sup>	FROM T	0	MENT GROUT
	☐ FRESH 3 □ SULPHUR <sup>29</sup> 4 □ MINERALS □ SALTY 6 □ GAS	5 DPLASTIC	26	27-30	18-21	22-25	VIE /01 O NOUT
	FRESH 3 SULPHUR 34 4 MINERALS 5ALTY 6 GAS	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			26-29	30-33 80	
PUMPING TEST M		TE II-14 DURATION OF			LOCAT	ION OF W	/ELL
1 PUMP STATIC	2 D BAILER	GPMH	5-16 17-18 OURS			V DISTANCES OF V	NELL FROM ROAD AND
LEVEL	END OF WATER PUMPING	S 30 MINUTES   45 MINUT				ORTH BY ARROW.	M
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			12-34 69 35-37 FEET FEET	Int			\~
S FELOWING. GIVE RATE RECOMMENDED F		av		Lot	8.		
	PUMP TYPE RECOMMEND	DED 9 43-45 RECOMMENDE RUMPING FEET RÅTE	ED 46-49 GPM			20/	<u> </u>
60-53						Ly	$\sim \sqrt{1}$
FINAL	54 1 🖬 WATER SUPPLY 2 🔲 OBSERVATION W	S ABANDONED, INS				WELL . A	20'
STATUS OF WELL	S 🗍 TEST HOLE	7 🗍 UNFINISHED					20 /1
	55-56 1 DOMESTIC 2 STOCK	5 🗍 COMMERCIAL 6 🗌 MUNICIPAL					
WATER USE	3 IRRIGATION 4 INDUSTRIAL	7 D PUBLIC SUPPLY 8 COOLING OR AIR COI 9 D	NDITIONING NOT USED				
	57 1 CABLE TOOL	• _ • •					
METHOD OF	2 C ROTARY (CONVI 3 ROTARY (REVER	ENTIONAL) 7 DIAMON (SE) 6 DISTIN	G			-	\$55778
CONSTRUCT	FION • Crotary (AIR) • AIR PERCUSSION			DRILLERS REMAR	RKS		1 ~ 3 3 4 1 0
			CENCE NUMBER		SI CONTRACTO		CT 2 4 1989
ALLON ACTOR	5	0 0	5222	O DATE OF INSP		INSPECTOR	
	Box 437	CARP, UN	ELL TECHNICIAN'S				
NAME OF W	BISSON L		T-ORO	OFFICE			
ĽX	Aren		40 YR	ō			FORM NO. 0506 (11/86) FORM 9
MINISTR	Y OF THE ENVIRO	NMENT COPY					

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\ \ <i>\ \ \</i>	ironment		WA		ER	W	ELL	RE	CC	RD
Ontario	1. PRINT ONLY IN SP		11	1	15242	228	1.5.01	0 10,0	N	= 1/193
COUNTY OR DISTRICT	2. CHECK 🗵 CORREC	TOWNSHIP. BOROUGH		AGE	Torbol	to CON	10 BLOCK, TRACT, SUR	14 15	4	
OTTAWA	CARLETON	AUN ROLA	IN -	E	FROY		ow 3	LOTT		TOSUB
WAIN M	AN REALT	Y 469-	119 000	ŦĔIJ	u St.	044.	ONT.	Artar 28	_ мо_7	<u>vr82</u>
21	ZONE EASTING T 10 12			RC.			BASIN CODE		. 91 1.1.1	<b>1</b> V
		G OF OVERBURD	EN AND BE	DROC	K MATERIA	30 ALS (SEE IN	31 ISTRUCTIONS)			47
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER	MATERIALS			GENERA	L DESCRIPTION		DEPT	- FEET
BROWN	Chary					P	CKEN		0	12'
GREN	Chay					A	loist		13	30'
BROWN	SAND	GRAVE	h			Cc	BRSE		30'	50
GREY	Sau	Sande	GAAL	JF L		N	IFD		.50	67
			<u> </u>			<b>,</b> ,				
			a							
31	┶┷┷┹								ĻĻĻ	
					<u>, , , , , , , , , , , , , , , , , , , </u>					
WATER FOUND		INSIDE			CORD		NO 1	31-33 DIAME	T INCHES	39-40 3 FEET
AT - FEET	FRESH 3 USULPHUR 14	DIAM MATERIAL INCHES	THICKNESS INCHES	FROM	10		RIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44 30 /
03100 -	3 SALTY 4 □ MINERALS 6 □ GAS FRESH 3 □ SULPHUR 19	10 1 STEEL 2 DGALVANIZE 3 DCONCRETE	,100	0	60		AINIES		<u>(                                    </u>	FEET
2	SALTY 6 GAS	4 □ OPEN HOLE 5 □ PLASTIC	19		20-23	61 DEPTH S		MG & SEAL	TYPE (CEN	ENT GROUT
2		5 / 2 GALVANIZE 3 CONCRETE 4 OPEN HOLE	100	52'	63	FROM	10 13 14-17			ACKER, ETC )
	FRESH 3 □SULPHUR 29 4 □ MINERALS 3 SALTY 6 □ GAS	24-25 1 STEEL	26	·	27-30	D 18-3	2 22-25	CEME	<u>NI.</u>	
30-33 1	] FRESH 3 ⊐SULPHUR 34 10 4 ⊐MINERALS ] SALTY 6 ⊐GAS	2 GALVANIZE 3 CONCRETE 4 OPEN HOLE 5 PLASTIC				26-2				
PUMPING TEST MET		11-14 DURATION	OF PUMPING				OCATION			• • • • • • • • • • • • • • • • • • • •
71 ANR PUMP		5 GPM 2	HOURS	17-18 MENS			W SHOW DISTAN			
STATIC LEVEL	PUMPING	ELS DURING 2	PUMPING     RECOVERY     FORMINU		LOT		ICATE NORTH BY		KOM KOAD	
TES	25. 202	29-31	32.34 70	35-37						
U FEET	30-41 PUMP INTAKE SET	TAT WATER AT	END OF TEST	42						<b>X</b>
S IF FLOWING. GIVE RATE		43-45 RECOMMEN	EAR 2 CLO	UDY 16-49					Lot.	LINE
C SHALLOW	DEEP SETTING	5 FEET RATE	10	GPM						
	84 1 WATER SUPPLY	S ABANDONED. I				49.	30 1.2	0		
FINAL STATUS	2 OBSERVATION WELL 3 TEST HOLE	S ABANDONED P S ABANDONED P 7 UNFINISHED			10					
OF WELL	4 C RECHARGE WELL									
WATER	2 🗋 STOCK	5 COMMERCIAL 6 D MUNICIPAL 7 D PUBLIC SUPPLY								
USE		COOLING OR AIR C	ONDITIONING NOT USED				× wet			
	59	• 🗆 BORIN	IG							
METHOD OF	2 🔲 ROTARY (CONVENTIO 3 🔲 ROTARY (REVERSE)	■ 🗌 JETTI	NG		. /	BALL		Rb		0.00
CONSTRUCTIO	ON 4 D ROTARY (AIR) 5 AIR PERCUSSION	9 🗌 DRIVII 🗌 DIGGI	NG OTHER		DRULLERS DEMAG		~ ~ 7		53	236
NAME OF WELL	-	L	ELL CONTRACT	OR'S R		5a CO	NTRACTOR 53-6	2 DATE RECEIVED	1 0 400	63-68 80
ADDRESS	EL DRILLING	INC	5222		DATE OF INSPI	ECTION	DZZZ INSPECTOR	JAN	1 8 199	NU L
	BALLAN 4137	CARD, C	VELL TECHNICI							
CONTRA CONTRA	Bisson		T-0/90							
O SIGNATURE OF	VECHNICIAN CONTRACTOR	SUBMISSION DAT	E YR		OFFICE				C.55	ES
	OF THE ENVIRONM	·						FOR		11/86) FORM 9

Ministry of the 5.0.	55898		Ontario Water Resour	
	N SPACES PROVIDED	15242	230 15010	сом. ОЗ
COUNTY OR DISTRICT	TOWNSHIP, BOBOLICABLE	F Forbotto	CON SUCK (BACK CHART	An (1) Sub
	r-119 Q	DEEN St	047-Dartsuprivise	DATE COMPLETED 46.53 DAY 31 NO 7 YR 89
1 2 N 10 12	11NG 11NG 17 18 1 1 1 1 18 24	RC. ELEVATION		
MOST	LOG OF OVERBURDEN AND BE	DROCK MATERIA	ALS (SEE INSTRUCTIONS)	DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	
BROWN Chay GREY Chay			Moist	<u> </u>
BROWN SAND	GREY SAND		MED, FINE	39' 50'
	R. C.			
			SIZE ISI OF OPENING	65 80 31-33 DIAMETER 34-38 LENGTH 39-60
41 WATER RECORD	51 CASING & OPEN HO	DEPTH - FEET	MATERIAL AND TYPE	6 INCHES 3 FEET
4/2-13 1 FRESH 3 SULPHUR 2 SALTY 4 MINERALS 6 GAS	$\begin{array}{c c} 1 & p \\ \hline 1 & p \\ \hline 2 & g \\ \hline 3 & g \\ \hline 0 & 0 \\ \hline 1 & p \\$	0 40"	STAINLESS	STEFL OF SCREEN
15-18 1 C FRESH 3 C SULPHUR 19 2 SALTY 6 GAS 20-23 1 C FRESH 3 SULPHUR 24	- 7 A ☐ OPEN HOLE 5 □ PLASTIC 17,44 1 DSTEEL 19	20-23	DEPTH SET AT - FEET	G & SEALING RECORD
2 □ SALTY 4 □ MINERALS 6 □ GAS 25-28 1 □ FRESH 3 □ SULPHUR 29	5% 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC	20 42	FROM TO 10-13 14-17 D 20	CEMENT.
2 □ SALTY 6 □GAS 30-33 1 □ FRESH 3 □SULPHUR 34 4 □MINERALS 2 □ SALTY 6 □GAS	24-25 26 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC	27-30	18-21 22-25 26-29 30-33 80	
71 PUMPING TEST NETHOD 10 PUMPING R	ATE 11-14 DURATION OF PUMPING	17-18	LOCATION C	)F WELL
	R LEVELS DURING		IAGRAM BELOW SHOW DISTANCE LINE INDICATE NORTH BY A	
+  20 20	$\frac{1}{20}$ $\frac{2}{70}$ $\frac{2}{70}$ $\frac{1}{70}$ $\frac{32.34}{70}$ $\frac{2}{70}$	FE5 15-37 FEET		Lot LINE.
IF FLOWING, 38-81 PUMP INTAN GIVE RATE		42 UDY	Lot 2.	
SHALLOW DEEP SETTING		6-49 GPM	Lot	
SG-53	S ABANDONED. INSUFFICIENT SUP	Loti	190	₹ N .
FINAL 1 WATER SUPPLY STATUS 2 OBSERVATION W STATUS 3 TEST HOLE OF WELL 4 RECHARGE WELL	ELL 6 🗌 ABANDONED POOR QUALITY 7 🔲 UNFINISHED			
**************************************	S COMMERCIAL S CMUNICIPAL		76	, <b>(</b>
	7		- × we	
S7   CABLE TOOL 2 ROTARY (CONVE			20'	
OF 3 CONSTRUCTION CONSTRUCTION CONSTRUCTION	DRIVING	DRILLERS REMA		1WAY 29190
NANE OF WELL CONTRACTOR	WELL CONTRACT LICENCE NUMBER			JAN 1 8 1990
ADDRESS ADDRESS PO BOX L137 C	INC 5222 ARD, ONT	R JI SOURCE		
NAME OF WELL TECHNICIAN SELLE TECHNICIAN SIGNATURE OF TECHNICIAN TO THE TECHNICIAN	Bill Risson T-0190	N'S DREMARKS		
STENATURE OF TECHNIQUATCONTRACTOR	SUBMISSION DATE DAY MO YR.			CSS-ES
MINISTRY OF THE ENVIRON	IMENT COPY		÷.,	FORM NO. 0506 (11/86) FORM 9

Ministry of the 56.	55897	The Ontar	io Water Resources	
Ontario Environment		1524231		CON. 03.
	SPACES PROVIDED RECT BOX WHERE APPLICABLE TOWNSHIP, BOROUGH CITY, TOWN, VILLAGE	TORBOLTON		Superior View
OWNER (SURNAME FIRST)	ADDRESS	TEREY	(3) total	E COMPLETED 44.53
WAINMAN REAL ZONE EASTING	409-1190 NORTHING RE		Off Ont sugar	
		ELEVATION R 5 26 3	C. BASIN CODE	
· · · · · · · · · · · · · · · · · · ·	OG OF OVERBURDEN AND BEDRO	OCK MATERIALS es	EE INSTRUCTIONS)	
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GE	NERAL DESCRIPTION	DEPTH - FEET FROM TO
BROWN CLAY		P	ACKED	0 13
GREY CLAY	P C	- R	OIST	13'36
BROWN SAND	GREY SAND		MED	36 30
		· · · · · · · · · · · · · · · · · · ·		
			and the second sec	
41 WATER RECORD	51 CASING & OPEN HOLE	RECORD	SIZE (S) OF OPENING 31-33	DIAMETER 34-38 LENGTH 39-40 6 INCHES 3 FEET
AT - FEET KIND OF WATER 10-13 1 FRESH 3 USULPHUR 10-13 2 SALTY 4 MINERALS 6 GGAS	DIAM MATERIAL THICKNESS FI	RUM TO О 13 лас И	MATERIAL AND TYPE STAINLESS STEE	DEPTH TO TOP 41-44 30 OF SCREEN
15-10 1 C FRESH 3 CSULPHUR 19	1 GALVANIZED 2 GALVANIZED 3 GOOCRETE 4 GOPEN HOLE 5 DPLASTIC			SEALING RECORD
20-23 1 FRESH 3 SULPHUR 24	17-18 1 D'STEEL 19	1	TO NO	AL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
25-28 1 _ FRESH 3 _ SULPHUR 29	A DOPEN HOLE 5 DPLASTIC			EMENT.
2  SALTY 6 MINERALS 6 GAS 30-33 1 FRESH 3 UNINERALS 4 UNINERALS	24-25 26 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE	27-30	18-21 22-25 26-29 30-33 80	
2 SALTY 6 GAS	5 DPLASTIC			
71 A PUNP 2 D BAILER	15 GPMHOURSMINS		LOCATION OF V	
	LEVELS DURING	LOT LINE	BELOW SHOW DISTANCES OF INDICATE NORTH BY ARROW.	WELL FROM ROAD AND
<b>1 20</b> 20 <sup>112</sup>	20 32-34 20 35-37	N1 -		Lot LINE
O     FEET     FEET     FEET     FEET     FEET       IF FLOWING,     38-41     PUMP INTAKE       GIVE RATE     GPM       RECOMMENDED PUMP TYPE     RECOMMENDED       PUMP		7		
RECOMMENDED PUMP TYPE RECOMMENDE PUMP Dishallow Deep Setting				
50-53		0,		
FINAL	-		Lot	Lotz.
OF WELL 4 I RECHARGE WELL	7 UNFINISHED Dewatering	-	×	Lore
33-36 1 □ Domestic 2 □ STOCK 3 □ IRRIGATION	COMMERCIAL     MUNICIPAL     DUBLIC SUPPLY	در. در	s11.	
	COOLING OR AIR CONDITIONING   OR OF USED	20		
57 1 CABLE TOOL METHOD 2 ROTARY (CONVEN	BORING TIONAL)	$V$		
	_		GALLWA	<del>x <i>a</i> 59</del> 200
AIR PERCUSSION	UIGGING OTHER	DRILLERS REMARKS		<u> </u>
	GINC 52.22			JAN 1 8 1990
PO ROX42M	CARDONT	SE	5222	
3 TRIM Bissard	WELL TECHNICIAN'S LICENCE NUMBER T-0190			
SIGNATURE OF TECHNICIAN TONTRACTOR	SUBMISSION DATE DAY NO YR	OFFICE		rec. RC
MINISTRY OF THE ENVIRON		B <u></u>		5 FORM NO. 0506 (11/86) FORM 9

Ministry of the	and a second br>Second second br>Second second				Water Resource		
Ontario	SPACES PROVIDED ECT BOX WHERE APPLICABLE		15242		ELL F		JRD Stillet
COUNTY OR DISTRICT	TOWNSHIP. BOROUGH. CI	$ \frac{1}{2} $ TY. TOWN. VILLAGE	Tobolto.		BHOCK TRACT. SURVEY E		
21 1 2 10 12 10 12	Y 409-1/9 NORTHING	QOEEN	SFDFF c. ELEVATION J 28	<u> </u>		ау <u>20</u> мо <u>С</u>	<u>&gt; 7 \$ 1</u> ° 
HOST	G OF OVERBURDE		OCK MATERIA	LS (SEE IN	STRUCTIONS }	DEB	TH - FEET
GENERAL COLOUR COMMON MATERIAL				GENERA	L DESCRIPTION	FROM	то
BROWN & GREY SAND	Sibr	sty L	RILLED	Ē,	NE, MED	50	5 <b>6</b>
	· · · · · · · · · · · · · · · · · · ·						
2     SALTY     4     IMINERALS       20-23     1     FRESH     3     SULPHUR       2     SALTY     6     GAS       30-33     1     FRESH     3     SULPHUR       2     SALTY     6     GAS       30-33     1     FRESH     3     SULPHUR       2     SALTY     6     GAS	1         2         32           51         CASING &           INSIDE DIAM INCHES         MATERIAL           1911         1         STEEL 2         GALVANIZED 3           1000000000000000000000000000000000000	188 C	DEPTH - FEET RUM TO 13-16 ) 63 20-23	C SLOT M MATERI C S STA 61 DEPTH SE FROM 10-13 18-21 26-29	AL AND TYPE	EELA DEPTH TO TOP OF SCREEN SEALING REC RIAL AND TYPE LEAD	3 FEET
STATIC WATER LEVEL 25	C CPM HOL VELS DURING 1 P 30 MINUTES 45 MINUTES 20-31 32- 32 TEET 3 5FI T AT WATER AT END	JRS MINS PUM PING RECOVERY 60 MINUTES 34 35-37 EET	IN DIAG		A SHOW DISTANCES OF ATE NORTH BY ARROW		AND R.
WATER 2 D STOCK 3 D IRRIGATION USE 4 D INDUSTRIAL D OTHER		QUALITY		, 10	WELL NO X GALL	 ₩ A~1	
METHOD OF CONSTRUCTION • Air PERCUSSION	6 Q. BORING NAL) 7 DIAMOND 8 JETTING 9 DRIVING DIGGING	OTHER	DRILLERS FEMARKS		**************************************	59	23.0
HAME OF WELL CONTRACTOR ADDRESS ADDRESS PO BOX 437 NAME OF WELL TECHNICIAN BILL BISSON SIGNATURE PERFECHNICIAN/CONTRACTOR MINISTRY OF THE ENVIRONME	ARD DATE DAY MO	CONTRACTORS ICE NUMBER 2 Z Z TECHNICIAN'S NCE NUMBER 0 C 90	DATA SOURCE DATE OF INSPECT U U U U U U U U U U U U U U U U U U U	5	AACTOR 59.42 DATE R 2222	ECEIVED JAN 1 8 195 CSS C FORM NO. 0506 (	ÆS

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	ment		WAI					<b>ZE</b>	0ز	
	1. PRINT ONLY IN S 2. CHECK 🛛 CORRE	CT BOX WHERE APPLICABLE	<u>11</u>	152	242		1,501,0	CON.		4/01
OF + AW	A CARLETON		ROS/	ToA	bolto.	n lo	N 3 4		- ([	6
WAINME FIR		4 4109-119	QUEE	ns.	+ 0	+ + (	In Sypai		мо	ч. 53 УР
21	U ZONE EASTING T 10 12	NORTHING		ELÉVA		RC. BAS		<u> </u>		
		G OF OVERBURDEN	AND BEDR		TERIAL	S (SEE INSTR	UCTIONS		DEPTH	- FEET
GENERAL COLOUR	NOST COMMON MATERIAL	OTHER MAT	TERIALS			GENERAL D	ESCRIPTION		FROM	TO
BROWN	SAND					<u> </u>	) <u>e</u>		0	25
BROWN	SAND					/0101			<b>∧</b>	
		· · ·								
			· · · · · · · · · · · · · · · · · · ·							
31										
						51ZE+\$) OF	OPENING 31	65 -33 DIAMETER	34-38	75 80 ENGTH 39-40
41 WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL	WALL THICKNESS	DEPTH - FE		A ISLOT NO I	8	6	INCHES	3 FEET
	FRESH 3 SULPHUR 14 SALTY 4 MINERALS 6 GAS	10-10 1 25TEEL 12 10-10 1 25TEEL 12 1 2 0 GALVANIZED	INCHES 1		8		LAESS ST			FEET
15-18 1	] FRESH 3 ⊐SULPHUR <sup>19</sup> 3 SALTY 4 ⊐MINERALS 6 ⊐GAS	64 3 CONCRETE 4 OPEN HOLE 5 PLASTIC			20-23	61 DEPTH SET A				RD
2	] FRESH 3 □SULPHUR 24 4 □MINERALS 5 SALTY 6 □GAS	S Concrete	.188	\$ 2	29	FROM	10 14-17	CEM	/	CKER. ETC )
	FRESH 3 SULPHUR 29 4 MINERALS 5 SALTY 6 GAS	5 □ PLASTIC 24-25 1 □ STEEL 2 □ GALVANIZED			27-30	18-21	20	CErl	02.01	
1   ' L	] FRESH 3 DSULPHUR 3400 4 DMINERALS 3 SALTY 6 DGAS	3 CONCRETE 4 OPEN HOLE 5 PLASTIC			]	26-29	30-33 60			
71 PUMPING TEST ME	THOD 10 PUMPING RATE	II-14 DURATION OF P					ATION OF			
STATIC LEVEL	WATER LEVEL 23 END OF WATER LE PUMPING 22-24 15 MINUTES	VELS DURING 2	PUMPING RECOVERY		IN DIAG		HOW DISTANCES TE NORTH BY ARR		M ROAD A	ND
۲Ľ	20 28-28	20-31 32 2021 ZO	-34 35-37 EET ZOTET							
GIVE RATE	38-41 PUMP INTAKE S		OF TEST 42		5				2	10.
	PUMP	43-45 RECOMMENDED PUMPING FEET RATE	46-43 GPM		68					
\$0-53			0		$\mathbf{c}$		3	0		
FINAL STATUS	1 D WATER SUPPLY 2 D OBSERVATION WELL 3 TEST HOLE	S 🗋 ABANDONED. INSU G 🗋 ABANDONED POOR 7 🗋 UNFINISHED			ty		WELL	10		
OF WELL	4 C RECHARGE WELL	D DEWATERING			DUNES	Loti	b -			
WATER USE	2 🗋 STOCK 3 📄 IRRIGATION 4 🗋 INDUSTRIAL	MUNICIPAL     PUBLIC SUPPLY     COOLING OR AIR COND	ITIONING		5					
	0THER	• NO	T USED	$\left\  \right\ _{\sim}$	Ó/	/				
METHOD OF	1 CABLE TOOL 2 ROTARY (CONVENTI 3 ROTARY (REVERSE)	I JETTING		/ `	~ /				ΕO	000
CONSTRUCT	ON 4 COTARY (AIR) 5 C AIR PERCUSSION			DRILLEI	RS REMARKS	S			5.9	220
MAME OF WELL	CONTRACTOR	(NQ	L CONTRACTOR'S NCE NUMBER		A IRCE	58 CONTRA 5	222	TE RECEIVED	6 199	63-66 (#0 0
	Bay 1/22 P.	RIDOat	<del>,</del> (		E OF INSPECT	TION	INSPECTOR			
NAME OF WE	HYEOMNICIAN /7 CAT	J	L TECHNICIAN'S		IARKS		· · · · · · · · · · · · · · · · · · ·			
	THEMNICIAN/CONTRACTOR	SUBMISSION DATE DAY NO.		OFFICE					دعع.	(ZS
MINISTRY	OF THE ENVIRONM			-			<u></u>			1/86) FORM 9.

Ministry of the Environment	WΔ		Ontario Wat	er Resources		
Ontario	N SPACES PROVIDED . 11	15242				<1/24
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY TOWN, VILLAG	e Raii			12	LOT 25-27
	2 0000	FELL I	AR HERE	$S - 3\omega 9^{\text{DATE}}$	COMPLETED	44-53 /YR 89
10 12						
	OG OF OVERBURDEN AND BED	ROCK MATERIA	30 31 LS (SEE INSTRU)	CTIONSI		
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS		GENERAL DES	CRIPTION		- FEET
GREY SAND	· · ·		Packe Da-L-		0	23
Uneq DRIVD			TACKE	-D.	. 23	55
				· · · · ·		
					· .	
32 1 2 10 14 15 10 10 14 15 10 10 10 10 10 10 10 10 10 10	51 CASING & OPEN HOLE			NING 31-33 D		75 80 ENGTH 39-40
WATER FOUND AT - FEET KIND OF WATER	INSIDE MATERIAL THICKNESS	DEPTH - FEET		8	DEPTH TO TOP	3 FEET
10-13 50-63 2 a salty 6 a Gas	10-11 1 DSTEEL 12 2 0 GALVANIZED 188	7 1/1/	0	ILESS STE	OF SCREEN	41-44 30 FEET
15-18 1 □ FRESH 3 □ SULPHUR <sup>19</sup> 2 □ SALTY 6 □ GAS	4 OPEN HOLE 5 DPLASTIC		61 P	LUGGING & SE		
20-23 1 □ FRESH 3 □ SULPHUR <sup>24</sup> 2 □ SALTY 4 □ MINERALS 6 □ GAS 25-28 20 29	5/2 = GALVANIZED 3 = GONCRETE 4 = OPEN HOLE 5 = DPLASTIC 3 3	9 <sup>'</sup> 50 <sup>'23</sup>		TO MATERIAL		(F GROUT (KER. ETC.)
1         FRESH         3         ISULPHUR           2         SALTY         4         MINERALS           30.11         6         GAS	24-25 26 1 □ STEEL 2 □ GALYANIZED	27-30	18-21	22-25	use g	rou
2 SALTY 6 GAS	3 D CONCRETE 4 DOPEN HOLE 5 D Plastic		26-29	30-33 80		
71 PUMPING TEST METHOD 10 PUMPING RATE	11-14 DURATION OF PUMPING GPN 215-18 17-18 GPN 100/05 11-18	]	LOCA	TION OF WE	LL	
	EVELS DURING 2 C RECOVERY	IN DIAG	NE INDICATE N	N DISTANCES OF WEI	LL FROM ROAD AN	<b>D</b>
H 15 45	45 46 48		CONST ANCE	- ISAY Rd	1	
IF FLOWING, GIVE RATE     38-41     PUMP     INTAKE S       Q     GPM     GPM       RECOMMENDED PUMP TYPE     RECOMMENDED PUMP	ET AT WATER AT END OF TEST 42	1	; ; ;	-	$\mathcal{F}$	
SHALLOW DEEP SETTING	45-45 RECOMMENDED 45-49 PUMPING FEET RATE () GPM			1		
\$0-53 54					<i>K</i> lor	
FINAL 1 2 WATER SUPPLY STATUS 2 OBSERVATION WELL 3 TEST HOLE	<ul> <li>ABANDONED, INSUFFICIENT SUPPLY</li> <li>ABANDONED POOR QUALITY</li> <li>UNFINISHED</li> </ul>			0	TU	
OF WELL 4 D BECHARGE WELL 55-56 1 D DONESTIC	D DEWATERING		LOUSE	X	50 0	
VATER 2 STOCK 3 IRRIGATION USE 4 INDUSTRIAL	MUNICIPAL     DUBLIC SUPPLY     COOLING OR AIR CONDITIONING					
57 OTHER	• O NOT USED			<u> </u>		
METHOD 2 GOTARY (CONVENT) OF 3 BOTARY (REVERSE)	BORING ONAL)     DIAMOND     JETTING	GA	RAGE	DRIVI	L	
CONSTRUCTION 4 F ROTARY (AIR) 5 AIR PERCUSSION		DRILLERS REMARKS			72	013
ALLEL DRILL	NG INC 5722		SI CONTRACTOR	22 JAI		63-68 80
ADDRESS PO, BOX 437	(as A -	SOURCE		NSPECTOR		
NAME OF WELL TECHNICIAN	WELL TECHNICIAN'S LICENCE NUMBER	D REMARKS				
SIGNATURE OF THE UNCLERTICONTRACTOR		OFFICE				
MINISTRY OF THE ENVIRONM	1ENT COPY		• <u>,</u>		C_SS ORM NO. 0506 (11/	(B6) FORM 9

of th	istry ne 50	. 55766			Ontario Wa	ter Resourc		<b>NDD</b>
Ontario Env		SPACES PROVIDED		15245		5001	CON.	
COUNTY OR DISTRICT	CARLETON	RECT BOX WHERE APPLICABLE TOWNSHIP, BOROUGH, CITX DUN ROC ADDRESS 409-1 NORTHING	TOWN. VILLAGE	TORESITON	Str L CON BLOOK St Ot	3 te 		
	10 12	OG OF OVERBURDEN		CK MATERIA		UCTIONS)		47
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MAT	· · · · · · · · · · · · · · · ·		GENERAL D		D	PEPTH - FEET
BROWN	CLAY				Pack	ED	C	) 11'
GREY	Chay_				Pack			28
GREY	SAND	BROWEN LA BROWN SA	YERS		MED	<b>)</b>	- 28 65	<u> </u>
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				! ! . !			 !!,,!!	
41 WAT	KIND OF WATER	51 CASING & O	WALL	RECORD	Z ISLOT NO I	ipening 31- 10	33 DIAMETER 34-	
10-E3 I L	FRESH 3 SULPHUR SALTY 4 MINERALS 6 GAS	DIAM MATERIAL INCHES 10-11 1 CESTEEL		то 13-16-	MATERIAL A	ND TYPE	DEPTH TO T OF SCREEN	TOP 41-44 30
15-18 I	FRESH 3 USULPHUR 4 UMINERALS SALTY 6 UGAS	$\begin{array}{c c} 2 & \square GALVANIZED \\ 3 & \square CONCRETE \\ 4 & \square OPEN HOLE \\ 5 & \square PLASTIC \end{array}$	188 0	67	61		& SEALING RE	
	FRESH 3 $\Box$ SULPHUR 24 4 $\Box$ MINERALS 5ALTY 6 $\Box$ GAS	17-18 2 GALVANIZED 3 GONCRETE 4 GOPEN HOLE	188 4	7'69	DEPTH SET AT			CEMENT GROUT AD PACKER, ETC J
	FRESH 3 SULPHUR 29 4 MINERALS 5ALTY 6 GAS	5 DPLASTIC 24-25 26		27-30		20	EME	at
	FRESH 3 SULPHUR 34 10 4 MINERALS SALTY 6 GAS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 DPLASTIC			26-29	30-33 80		
71 PUNPING TEST METH		7 15-16	17-18		LOCA	ATION OF	WELL	
STATIC	WATER LEVEL 25 END OF WATER L PUMPING	GPM HOURS EVELS DURING 1 P 2 R	UMPING	IN DIA LOT LI		OW DISTANCES ( NORTH BY ARRC	DF WELL FROM ROA DW.	D AND
	22-24 15 MINUTES 25 25	125125	< >	-			)	
U FEET IF FLOWING, GIVE RATE RECOMMENDED PUM	38-41 PUMP INTAKE S	SET AT WATER AT END OF					1	7,)
RECOMMENDED PUM	PUMP		46-49 GPM		Lo	16	7	
\$0-53			GFM	1	. w.			
FINAL STATUS	1 D WATER SUPPLY 2 D OBSERVATION WELL 3 D TEST HOLE	S ABANDONED, INSUFFI C ABANDONED POOR Q ABANDONED POOR Q D UNFINISHED			20			
OF WELL	4 🗍 RECHARGE WELL	DEWATERING			T	t well 15		
WATER USE	2 STOCK 3 IRRIGATION 4 INDUSTRIAL	MUNICIPAL     DUBLIC SUPPLY     COOLING OR AIR CONDIT!	ONING			15		
	О отнея	• □ NOT U			Roa	٢.		
METHOD OF	1     CABLE TOOL       2     ROTARY (CONVENT)       3     BOTARY (REVERSE)				NOR		<u></u>	-
CONSTRUCTIO	N 4 P ROTARY (AIR) 5 AIR PERCUSSION	DIGGING	OTHER	DRILLERS REMARK	5		5	59199
ALLE	U DRILLIN		ONTRACTOR'S	DATA SOURCE Z DATE OF INSPECT		222		1990 **** **
ADDRESS	Box 4257 (	ARD ONT				INSPECTOR		
SL N//	DISSON	LICENC T-C	ECHNICIAN'S E NUMBER					
U SIGNATURE OF		SUBHISSION DATE MO	YR	OFFICE			20	C. E.S
MINISTRY O	F THE ENVIRONM	ENT COPY					FORM NO. 050	06 (11/86) FORM 9

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Ontario	A - CARLET	ON SPACES PROVIDED	11	15260		5006		<u>    03</u>
COUNTY OR DISTRICT	LATIL T	TOWNSHIP, BOROUGH, CITY, TOWN	N: VILLAGE		CON BLOCK	TRACT. SURVEY EI		
		25 F	VARDI	BIN R	RC. BASIN C	300	ла <b>СВ</b> моро	<u> </u>
1 2	M 10 12	DG OF OVERBURDEN ANI						47
GENERAL COLOUR	MOST COMMON MATERIAL				GENERAL DESC		DEPT) FROM	1 FEET TO
BLUE	CLAY			¢	DENSE		0	10
BROWN	SAND	4					10	95
GREY	GRAVEL						95	100
			<u>).</u>					
		51 CASING & OPE				I I I I I I I I I I I I I I I I I I I		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
WATER FOUND AT - FEET 10-13 1	KIND OF WATER	INSIDE DIAM MATERIAL IN INCHES 10-11 10-11 STREEL 32		EPTH - FEET	NATERIAL AN	D TYPE	INCHES DEPTH TO TOP OF SCREEN	FEET 41-44 30 FEET
20-23 1 20-23 1 2 [ 25-28 1 2 2 25-28 1 2 [ 30-33 1 [	SALTY       6 □ GAS         FRESH       3 □ SULPHUR       19         SALTY       6 □ GAS         FRESH       3 □ SULPHUR       24         SALTY       6 □ GAS         SALTY       6 □ GAS         FRESH       3 □ SULPHUR       24         SALTY       6 □ GAS         FRESH       3 □ SULPHUR       29         SALTY       6 □ GAS         SALTY       6 □ GAS	4 DOPEN HOLE	<u>⊅</u> € 38 c	× / 00 > / 00	61 DEPTH SET AT - FROM 10-21 18-21 26-29	FEET MAT		ORD
71 PUMPING TEST ME		5 DPLASTIC	G 17-18		LOCA	TION OF	WELL	
I PUMP STATIC LEVEL 10-21	PUMPING	GPM         HOURS           LEVELS DURING         1 2 0           30 MINUTES         45 MINUTES	MINS PING	IN DIJ LOT L		OW DISTANCES C NORTH BY ARRO	OF WELL FROM ROAD	and
I S A FEE GIVE RATE RECOMMENDED PU	38-41 PUMP INTAKE GPM UMP TYPE RECOMMENDE	FEET 1 CLEAR 2	6 0 FEET 42 CLOUDY 44-43				7	,.
G SHALLO	DEEP SETTING	90 FEET RATE 8	GPM		1 4001	->		
STATUS OF WELL	2 🗍 OBSERVATION WE 3 🔲 TEST HOLE 4 🔲 RECHARGE WELL	LL & ABANDONED POOR QUAL 7 I UNFINISHED Dewatering	LITY	DUNI	Robin R	DAD	DUNG	•
WATER USE	1         DOMESTIC           2         STOCK           3         IRRIGATION           4         INDUSTRIAL           0         OTHER	S COMMERCIAL S MUNICIPAL 7 PUBLIC SUPPLY 9 COOLING OR AIR CONDITION 9 NOT USE					DUNROB, VILL,	1.v 965
METHOD OF CONSTRUCT	57 I CABLE TOOL 2 ROTARY (CONVEL 3 ROTARY (REVERS 10N ROTARY (AIR) 5 AIR PERCUSSION	E) & DISTING DRIVING	OTHER	DRILLERS REMAR	KS	, i		2537
NAME OF WELL	CONTRACTOR GHNEY WATER FISHER A	WELL DRILLING	370/	DATA SOURCE DATE OF INSPI		<b>701</b>	FEB 0 4 19	92 **** **
	OF THE ENVIRON						FORM NO. 0506	5 (11/86) FORM

Min of th	istry ne	: . • • •	\ <b>A/A</b> 7		Ontario Water		
Ontario Env	ironment			15273		P. CON.	
COUNTY OR DISTRICT		ECT BOX WHERE APPLICABLE TOWNSHIP, BOROUGH, C	11 1 Z				22 23 7
TTAL.M.	CADIETTAI	T.P. OF W				ESSIN 3	PLETED 48-53
			90 Spark	SST, Other	RC BASIN COL		
1 2							
GENERAL COLOUR	MOST COMMON MATERIAL		IATERIALS		GENERAL DESCR		DEPTH - FEET FROM TO
BROWN	TOPSOL-LOAM						01
GREY-BULE		SILT					1 46
GREY	SAND-GRAVEZ	· · · · · · · · · · · · · · · · · · ·					46 53
31	<u> </u>				1.1.111	1.1.1.1.	
				┘└┶┷┶┶┶┶┶	╷╷╷╷╷ ╷╷╷╷╷		╶╌┶╧╧╧╧
	TER RECORD		OPEN HOLE	RECORD	Z SIZE (S) OF OPENI (SLOT NO)	NG 31-33 DIAM	(GAN)/
	KIND OF WATER	INSIDE DIAM MATERIAL INCHES 10-11	WALL THICKNESS INCHES	FRUM TO 13-16	MATERIAL AND I	12 3 e, stainkess	DEPTH TO TOP 41-44 3
15-18 1	☐ GAS	64" 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 DELASTIC	.188 +	1 50		UGGING & SEA	
20-23 1	GAS GAS GAS GAS 24 3 □SULPHUR 4 □MIMEDIALS	17-18 1	19	0 Z5	DEPTH SET AT - FE	——————————————————————————————————————	D TYPE (CEMENT GROUT LEAD PACKER ETC.)
23-28 1	SALTY         6         Gas           29         Gas         29           FRESH         3         SULPHUR           4         MINERALS           SALTY         6         GAS	24-25	26	27-30	0 5	21.25 Ling	s-store.
	☐ GR3 ☐ FRESH 3 □ SULPHUR 34 10 ☐ FRESH 4 □ MINERALS ☐ SALTY 6 □ GAS	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 5 PLASTIC			26-29		g gjout
71 PUMPING TEST ME	THOD IO PUMPING RATE		F PUMPING 15-16 17-18 HOURS		LOCAT	ION OF WEL	.L
STATIC	2 D BAILER WATER LEVEL END OF PUMPING WATER L	1	HOURS MINS		IAGRAM BELOW SHOW LINE INDICATE NO	DISTANCES OF WELL RTH BY ARROW.	FROM ROAD AND
	17 <sup>22-24</sup> IS MINUTES	30 MINUTES 45 MINU	160 MINUTES 32-34	SUBLOT	Ø 🖛	290m	- AY N
S FEE IF FLOWING GIVE RATE RECOMMENDED PU	T FEET FEI 38-41 PUMP INTAKE 38-41 ST	SET AT WATER AT E			2 1 1		
	GPN -	43-45 RECOMMEND PUMPING	5			<u>m</u>	
0-53	N DEEP SETTING	FEET RATE	GPM			5	
FINAL STATUS	<ul> <li>WATER SUPPLY</li> <li>OBSERVATION WEI</li> <li>TEST HOLE</li> </ul>	5 🗍 ABANDONED. IN L 6 🗌 ABANDONED PO 7 🗍 UNFINISHED		-	Percupine Tra	il I	
OF WELL	4 CRECHARGE WELL 5-56 1 X DOMESTIC					700	
WATER USE	2 STOCK 3 IRRIGATION	■ MUNICIPAL → 7 <sup>™</sup>	NDITIONING				#
	0 OTHER		NOT USED				2
METHOD OF	<sup>1</sup> CABLE TOOL <sup>2</sup> ROTARY (CONVEN) <sup>3</sup> ROTARY (REVERSE		1D	Doo 2	wised Sublot :	HA.	JL.
CONSTRUCTI	ON <sup>4</sup> Crotary (Air) <sup>5</sup> Air percussion	9 🗌 DRIVIN 🗋 DIGGIN		DRILLERS REMA		+7-	126501
MAME OF WELL	CONTRACTOR	· InC		Source		75 DATE RECEIVE	
ADDRESS BOX 2 NAME OF WE	TN DRILLING 19, Pakenhan	. Ont.			PECTION II	ISPECTOR	
NAME OF WEI	LL TECHNICIAN	J y	ELL TECHNICIAN'S			7	
U SIGNATUR OF	CHNICAN ON THOTOR	SUBMISSION DATE	07 93	OFFICE	· · · · ·	<b>X</b>	CSS.ES
MINISTRY	OF THE ENVIRON					FC	DRM NO. 0506 (11/86) FORM

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	ironment			WAI		VEL	╺┖╸╹	TEC		κυ
Ontario	1. PRINT ONLY IN SP 2. CHECK 🛛 CORREC			11	152736	55 🗓	5,0,10		<u> </u>	103
COUNTY OR DISTRICT		TOWNSH		Y. TOWN, VILLAGE	(TORBOLTON)		TRACT. SURVEY		LO	1 25-27
OWNER (SURNAME FIR	RST) 28-47				St, Ottau			DATE COMPLETE	» 4. мо <u>06</u>	
	ZONE EASTING	•	NORTHING	- yams	ELEVATION			DAY CO	MO	IV IV
					<u> </u>	30 31				
·	LO	G OF O			OCK MATERIAL	S (SEE INSTRUC			DEPTH	
GENERAL COLOUR			OTHER MAT						FROM	10
BROWN GRET-BLIE	TOPSON-LOAM	512							7	34
GREY	SAND GRAVEZ	<u> </u>							34	43
		· · · · · · · · · · · · · · · · · · ·								
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31										
						54 SIZE ( S) OF OP		H-33 DIAMETER	34-38 LE	75 80 NGTH 39-40
WATER FOUND	KIND OF WATER	INSIDE DIAM	MATERIAL	OPEN HOLE	DEPTH - FEET	NATERIAL AN		512	INCHES	3 FEET
10-13 P	FRESH 3 SULPHUR SALTY 4 MINERALS G JGAS	10-11	1 🗆 STEEL 2 🗆 GALVANIZED	INCHES ,	ROM TO	is Staintes	s, teleso	cpe.	40	FEET
		$H \rightarrow H$	3 CONCRETE 4 MOPEN HOLE 5 PLASTIC	-	0 Z5			& SEALIN		
20-23 1	 FRE5H 3 □SULPHUR 4 □ MINERALS	64"	1 MSTEEL 2 GALVANIZED 3 CONCRETE	+	1 40	DEPTH SET AT	то	ATERIAL AND TYP	LEAD PAC	T GROUT KER. ETC )
25-28 1 [		24-25	4 DOPEN HOLE 5 DPLASTIC 1 DSTEEL	:6	27-30	0-11 g	5 <sup>14-17</sup> C	uttings-	Stone	2
30-33 1 [	FRESH 3 SULPHUR 34 30		2 GALVANIZED 3 CONCRETE 4 OPEN HOLE			5 <sup>11-21</sup> Z	30-33 80	Kplug g	rout.	
71 PUMPING TEST ME			5 DPLASTIC	PUMPING	]		TION O	FWELL	,	
	2 D BAILER 25		1	-16 17-18 DURS MINS PUMPING		GRAM BELOW SH			M ROAD AN	•
	PUMPING	JO MINUTE	S   45 MINUTES	5 60 MINUTES	LOT LI	<b>_</b> .	NORTH BY AR	ROW	<u>بر</u>	λ <b>Ν</b>
	13 12	12,	16	FEET CFEET	<u>Forcupine</u>	<u>- Irail</u> -	$\supset$			
GIVE RATE -	<b>3</b>	5	FEET ' 🍂 CLEAT	R 2 CLOUDY		4-	1			
	UNP TYPE RECOMMENDED PUNP W DEEP SETTING	35	45 RECOMMENDED PUMPING EET RATE	5 GPN		-,	~ ×			
50-53	54 T N				Original:	Sublot	7 40m			
FINAL STATUS	1 WATER SUPPLY 2 OBSERVATION WELL 3 TEST HOLE	• 🗆	ABANDONED, INSU ABANDONED POO UNFINISHED	UFFICIENT SUPPLY R QUALITY	4	Sell		K.		*
OF WELL	4 🗌 RECHARGE WELL	5 🗌 CON				<u>}</u>	4 16		,	8
WATER	2 STOCK 3 I IRRIGATION	6 🗌 MUA 7 🗌 PUB	LIC SUPPLY			[				
USE	4 🗋 INDUSTRIAL	• 🗌 coo	LING OR AIR CON <sup>9</sup> □ NC						J.	
METHOD	57 ' CABLE TOOL 2 C ROTARY (CONVENT	IONAL)	6 D BORING 7 D DIAMONE	D		•		-	-, (	\
	ION S AIR PERCUSSION		D JETTING     D DRIVING     D DRIVING		* 1993 Rev		st#34		126	502
NAME OF WELL	CONTRACTOR			CONTRACTOR'S		S 58 CONTRACT	OR 59-62 [	DATE RECEIVED		63-68 80
5 STANK	ON BRILLING			875	SOURCE	10N	INSPECTOR	AUG 1	0 1993	
BOX2	19, Pakenham,			LL TECHNICIAN'S	ISE					
TETER	LE TECHNICIAN 2 J.A. STANTA TECHNICIAN CONTENTOR	es l	SUBMISSION DATE	TOB6	OFFICE					
Ŭ SIGNATURE		_		07 93	OFI				Cars	GS
MINISTRY	OF THE ENVIRONM	AENT C	OPY					FORM		1/86) FORM 9

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of th	he		\Λ/Δ٦					ORD
Ontario Env	rironment					MUNICIP.	CON.	
	· · · · · · · · · · · · · · · · · · ·	SPACES PROVIDED RECT BOX WHERE APPLICABLE		1527		1,5,0,10	ICON.	22 23 74
COUNTY OR DISTRICT	CA.716701	TOWNSHIP, BOROUGH, C		J (TORIO		BLOCK TRACT. SURVEY.	J3	LOT 25-27
		0,	90 Spark	554, O	Hawa .	Ont.	DATE COMPLETED	07. 93
			RC					
	M 10 12				BIALS (SEE	31		47
GENERAL COLOUR	MOST		ATERIALS			RAL DESCRIPTION	FRO	DEPTH - FEET
BROWN	LOAM	SAND					E	SC
GRETBULE	CLAY	SILT					-	2 44
GREY	SAND-GRAVED					·	44	L D
		-						
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41 WA		51 CASING	& OPEN HOLE			15) OF OPENING 31 OT NO ; LOT #/6	-33 DIAMETER 31	1-38 LENGTH 39-40
WATER FOUND AT - FEET 10-13	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	inclus	DEPTH - FEET		terial and type	DERTH T	CHES FEET O TOP 41-44 JO EN 17 10
4750 2	FRESH 3 DSULPHUR 4 DMINERALS 5 SALTY 6 DGAS	10-11 2 GALVANIZED 3 CONCRETE	12	O Z				4t FEET
2	□ FRESH 3 □ SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS 2 □ 24	4 MOPEN HOLE 5 DPLASTIC				SFT AT - FEET	& SEALING R	CEMENT GROUT
1 · 1	G FRESH S SULPHUR A MINERALS SALTY 6 GAS	GA CONCRETE		1 47	FROM	1 10	ttings - si	LEAD PACKER. ETC )
2	□ FRESH 3 □SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS	5 □ PLASTIC 24-25 1 □ STEEL 2 □ GALVANIZED	26	2	<sup>7-30</sup> 3	18-21 3 <sup>2-25</sup>	Verluc an	wit.
	$\begin{array}{c c} & 3 & \text{Sulphur} & 3^4 \\ & 4 & \text{Minerals} \\ \hline & \text{Salty} & 6 & \text{Gas} \end{array}$	0 3 CONCRETE 4 COPEN HOLE 5 PLASTIC				·6-29 30-33 80	J	
71 PUMPING TEST ME						LOCATION OF	WELL	
STATIC LEVEL	2 BAILER WATER LEVEL 25 END OF WATER		PUMPING			LOW SHOW DISTANCES		OAD AND
	PUMPING 22-24 15 MINUTES 24	30 MINUTES 45 MINU	ES 60 MINUTES		~	<. A		-TA N
		EET AT WATER AT E	FEET C FEET		Horci	pine Trail -		
	GPM GPM	· · · · · · · · · · · · · · · · · · ·	EAR <sup>2</sup> CLOUDY		$\frown$		/	
G SHALLO		40 FEET	5 gpm	. (	$\bigcirc^{=}$	Driain		
	34					20m Suk	olot (3)	
FINAL STATUS	1     WATER SUPPLY       2     OBSERVATION WE       3     IF TEST HOLE	5 ABANDONED, IN ELL 6 ABANDONED PO 7 UNFINISHED				- we	u	ユ い い
OF WELL	A RECHARGE WELL	DEWATERING				TGn	n   -	
WATER	2 🗋 STOCK 3 🔲 IRRIGATION	6 MUNICIPAL 7 D PUBLIC SUPPLY					j(	a 6
USE	4 🗍 INDUSTATAL	COOLING OR AIR CC	NOT USED				(	)   '
METHOD	CABLE TOOL	6 DORIN NTIONAL) 7 DIAMO						M
OF CONSTRUCT	3 🗌 ROTARY (REVERS	E)	G			d sublot#3	6. 1	L26503
	CONTRACTOR	w	NG OTHER	DRILLERS R			TE RECEIVED	63.64 80
	TON DRIKLING		4879	NO DATE OF	INSPECTION	4875	AUG 10	1993
NAME OF WE	219, Pakenha	m. ON.	ELL TECHNICIAN'S				• •	
NAME OF WE	R V.A. STA		FORE	OFFICE				
len	EL DE	DA 30	40 <u>07 93</u>	ő		······································	C	55.31
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Mini of th	-					Water Resource			nn
	ronment	· · · · · · · · · · · · · · · · · · ·	WAT	ER	W	ELL F	<b>KE</b>	CO	RD
Ontario	1. PRINT ONLY IN		11	15273	6 <b>7</b>	NUNICIP		<u> (</u>	103
COUNTY OR DISTRICT		TOWNSHIP. BOROUGH. CIT	Y. TOWN. VILLAGE	-	CON	10 14			01 25-27
		9. 1 1 - (EST	CARLETON	KROCK		and and	DATE COMPLI		
			90 Spark	S ST, CT	KWQ,	BASIN CODE	DAY 01	мо Ог	YR J
1 2				26		31		<u> </u>	47
	p		AND BEDRO	CK MATERIA	LS (SEE	INSTRUCTIONS	T	DEPTH	- FEET
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS		GENE	RAL DESCRIPTION		FROM	T0
BROWN	Cortral	STUS						7	4
CREY BULE		SILT				<u> </u>		46	40
CREY	SAND-GRAVEZ							ne	55
						·····			
						1 1 1 1 1 1			
	TER RECORD	51 CASING &	OPEN HOLE F			54 EISLOF OPENING 31 OT NO 1		60.3	75 00 ENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL	WALL D THICKNESS	DEPTH - FEET		SLOT #16	5%	INCHES	3 FEET
	FRESH 3 SULPHUR SALTY 4 MINERALS 6 GAS	1 DSTEEL	INCHES FRO	13-16	s S	Stainless, tele	sope	OF SCREEN	
	FRESH 3 SULPHUR 4 MINERALS	1 2 GALVANIZED 3 CONCRETE 4 COPEN HOLE 5 PLASTIC	- C	25	61	PLUGGING	& SEALI	NG RECO	RD
20-23	] FRESH 3 □ SULPHUR 4 □ MINERALS	17-18 1 DSTEEL 11 2 GALVANIZED 3 CONCRETE		20-23 5D	FROM	4 TO	TERIAL AND		NT GROUT CKER ETC )
25-28 1	GAS GAS GAS FRESH 3 □ SULPHUR 4 □ SULPHUR	04 4 □ OPEN HOLE 5 □ PLASTIC 24-25	.188 +1	27.30		10-13 14-17			
30.13	3 5ALIT 6 GAS	1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE				\$-29 30-33 <b>8</b> 0			
2 [	GAS	5 D PLASTIC	PUMPING	r					
71	<sup>2</sup> BAILER	5 GPM 24-15	-167-18			LOCATION OI			
	PUMPING	LEVELS DURING	PUMPING RECOVERY S 60 MINUTES			DICATE NORTH BY ARE		KOM KOAD A	
	13 12"	" 13"" 13"	2-34 3 35-37 FEET 5 FEET		<u>1010</u>	upine Trail	-)	6	\ \
IF FLOWING. GIVE RATE	SB-41 PUMP INTAKE	SET AT WATER AT END	D OF TEST 42			1			
S IF FLOWING GIVE RATE RECOMMENDED PU	GPM JMP TYPE RECOMMENDI PUMP		R 2 CLOUDY	(	万	1		711	
50-53	W 💢 DEEP SETTING	TC FEET RATE	<u>дрм</u>			a a	iginal	*	
FINAL	34 1 WATER SUPPLY	5 🗌 ABANDONED. INSI				60m	Sublot		<i>t</i> +
STATUS OF WELL	2 DOBSERVATION WE 3 D TEST HOLE 4 RECHARGE WELL	LL & ABANDONED POO 7 DUNFINISHED Dewatering	N QUALITY				well	540	Ű
	3:56 1 X DOMESTIC 2 STOCK	5 COMMERCIAL 6 MUNICIPAL				6m T		2/10	O
WATER USE		PUBLIC SUPPLY	DITIONING		Ĺ			F 8	
	57	° 🗆 NG	DT USED				(		
METHOD	CABLE TOOL		<b>)</b>		a .	1- 11+42	-	$\bigcirc$ v	~
OF CONSTRUCTI	ON A CON A C	9 🗋 DRIVING		#1993		d Sublot # 3		12	6504
NAME OF WELL		WEL	L CONTRACTOR'S	DATA			ATE RECEIVED	4 0 400	63-61 40
HOLD ADDRESS	TON DRILLING	SINC 3	4845	NO DATE OF INST	PECTION	4875	AUG	1 0 199	IJ
DE DOX 2	19, Patenhar	. WE	LL TECHNICIAN'S						
	EVA. STAN	TON 2	CCE6	OFFICE					
Ŭ SIGNATURE OF	TECHNICACONTACTO	2 SUBMISSION DATE	07 93	OFI				222	-GS
MINISTRY	OF THE ENVIRON		<b>-</b>				FOF		1/86) FORM 9

Ministry of the	WA7		Water Resources Act	
Ontario Environment	SPACES PROVIDED	1527368	NUNICIP CON,	DIN
COUNTY OR DISTRICT	TOWNSHIP. BOROUGH CITY. TOWN VILLAGE	S (TERBOLTU)	IN BLOCK TRACT, SURVEY ETC	LOT 25-27
		15 St, Ottaux		MPLETED 44-53
	11NG RC	ELEVATION RC.		
NOST	OG OF OVERBURDEN AND BEDRO			DEPTH - FEET
GENERAL COLOUR COMMON MATERIAL BROWN LUMM	OTHER MATERIALS	GEN	ERAL DESCRIPTION	
GREY-BUE CLAY		·	·	1 26
GREY SAND				26 35
	·			
31				
			54 65 ZE(S) OF OPENING 31-33 (DIA	1 1 75 80 WETER 34-38 LENGTH 39-40
41 WATER RECORD	51 CASING & OPEN HOLE		ATERIAL AND TYPE	512 0 INCHES 3 FEET
10-13 32-35 2 5 FRESH 3 □ SULPHUR 4 □ MINERALS 6 □ GAS			Staintss, thesape	OF SCREEN 32 FEET
15-18 1 C FRESH 3 DSULPHUR 2 SALTY 6 GAS 20-23 1 C FRESH 3 DSULPHUR 4 MINERALS 6 GAS	10 3 CONCRETE 4 COPEN HOLE 5 0PLASTIC 17-18 1 ESTEEL 19 1'		PLUGGING & SEA	ND TYPE (CEMENT GROUT
20-23 1 C FRESH 3 C SULPHUR 2 2 SALTY 6 GAS 25-28 1 FRESH 3 SULPHUR 2 25-28 2 25-28 2 25-28 3 SULPHUR 2 29 29 29 29	64" 3 CONCRETE 4 OPEN HOLE 5 DPLASTIC -188 +		7 <sup>13</sup> 5 <sup>14-17</sup> C. Hine	S-Store
2 SALTY 6 MINERALS 30-33 1 FRESH 3 SULPHUR 34 00 C SALTY 6 MINERALS	24-25 26 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE	27.30	26-29 30-33 40	lug growt.
PUMPING TEST METHOD	5 D PLASTIC		LOCATION OF WE	
71 <sup>1</sup> X PUMP <sup>2</sup> BAILER STATIC WATER LEVEL <sup>23</sup> WATER LEVEL <sup>23</sup> WATER L	S GPM HOURS 17-18 LEVELS DURING PUMPING		ELOW SHOW DISTANCES OF WEL	
	COVERY     SO MINUTES 60 MINUTES	LOT LINE	INDICATE NORTH BY ARROW.	Ŵ
	SET AT WATER AT END OF TEST 42	Red	cupine Trail	M.
U     FEET     FEET     FEET     FEET       IF FLOWING,     SB-41     PUMP INTAKE       GIVE RATE     GPM       RECOMMENDED PUMP TYPE     RECOMMENDED       PUMP				]`
0-53				
FINAL STATUS				5 6 #
OF WELL 3 I TEST HOLE • RECHARGE WELL 55-56 1 DOMESTIC	7 UNFINISHED Dewatering 3 Commercial			JC .
WATER USE 2 STOCK IRRIGATION USE 4 INDUSTRIAL	MUNICIPAL     DUBLIC SUPPLY     COOLING OR AIR CONDITIONING	Original	× 167	C
□ OTHER	<sup>9</sup> 🗌 NOT USED	S.bbt		$) \parallel$
METHOD 2 GROTARY (CONVEN OF 3 GROTARY (REVERSE	E) I DETTING	Well	2 ton	•
	9 DRIVING	DRILLERS REMARKS	3 sublet #26.	126505
BADDRESS	16 MC. 4875	DATA 58 SOURCE	CONTRACTOR TO ALE RECEIV	
Box 219, Pakenho	/ WELL TECHNICIAN'S			
SIGNALY STER	JON JOSE	OFFICE		
MINISTRY OF THE ENVIRON	Z DA 30 NO 07 93	ō		CSS. 1/86) FORM 9

of th			WAT			iter Resource	REC	ORD
Ontario		SPACES PROVIDED	[1]	15273	<u> </u>	1,5,0,1,0		<u> </u>
COUNTY OR DISTRICT	2. CHECK 🖄 COR	TOWNSHIP. BOROUGH. CIT	Y TOWN VILLAGE	(TORBULT	w) CON BLO	10 14 CK. TRACT. SURVEY E	15 7 3	LOT 25-27
		TOWNSHIP. BOROUGH. CIT	20 500/	tes 57, C	Itava,	Ond.		07" <i>5</i> 3.
				ELEVATION				
			AND BEDRO	CK MATERIA	LS (SEE INSTR	RUCTIONS		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS		GENERAL D	DESCRIPTION	FROM	EPTH - FEET
BROWN GREY-BLUE	CLAY				<u> </u>			34
GREY	SAUD	GRAVEL					34	46.
						-		
		· · · · · · · · · · · · · · · · · · ·						
						1111		
31       32					$\begin{bmatrix} 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1 \\ 1$			
	TER RECORD		OPEN HOLE	RECORD				
WATER FOUND AT - FEET 10-13 1 AT A/	KIND OF WATER FRESH 3 ULPHUR SALTY 4 MINERALS	INSIDE MATERIAL DIAM MATERIAL INCHES 10-11 1 DSTEEL	THICKNESS	RGM TO 13-16	MATERIAL S Steria	AND TYPE		TOP 41-44 30
15-14 1		CONCRETE GALVANIZED GALVANIZ	- 0	25	61	PLUGGING	& SEALING RE	
20-23 1	□ SALTY 6 □GAS □ FRESH 3 □SULPHUR 24 □ FRESH 4 □ MINERALS □ SALTY 6 □GAS	17-18 1 MSTEEL 2 GALVANIZED 3 CONCRETE	.188" +	43	FROM	10 MA	LERIAL AND TYPE	(CEMENT GROUT EAD PACKER, ETC.)
25-28 1	□ GR3 29 □ FRESH 3 □ SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS	5 D PLASTIC	26	27-30	3"-21	3 4-17 CL	things - SI	one
	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	3 CONCRETE 4 OPEN HOLE 5 OPLASTIC			26-29	30-33 80	greg ji	
71 PUMPING TEST MI	ETHOD <sup>10</sup> PUMPING RA <sup>2</sup> BAILER	5 GPM URATION OF	PUMPING -16 17-18 DURS MINS		LOO	CATION OF	WELL	
STATIC LEVEL	PUMPING	LEVELS DURING	PUMPING RECOVERY	IN DI LOT		SHOW DISTANCES TE NORTH BY ARR	OF WELL FROM RO OW.	AD AND N
		-28 //29-31 //3 FEET FEET	2-34 / 55-37 FEET FEET		Porcupine	Iraul)		T
U FEI IF FLOWING, GIVE RATE RECOMMENDED P	GPM	35 FEET 1 X CLEA	R 2 CLOUDY			<u></u>	( <b>[</b>	_
RECOMMENDED P	UMP TYPE RECOMMEND PUMP W DEEP SETTING	A3-45 RECOMMENDED PUMPING RATE	° 5 46-49 GPM					
FINAL	34 1 WATER SUPPLY	5 🗌 ABANDONED. INS	UFFICIENT SUPPLY				4	6
STATUS OF WELL	2 OBSERVATION W 3 I TEST HOLE 4 I RECHARGE WELL	7 🗍 UNFINISHED	OR QUALITY				hixi	#
	55-56 1 DOMESTIC 2 STOCK	5 COMMERCIAL 5 NUNICIPAL		1 1	. 6m 1	4		Q
WATER USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	7 D PUBLIC SUPPLY 8 COOLING OR AIR CON 9 N				Sublot B		
METHOD	57 1 CABLE TOOL 2 1 ROTARY (CONVE	6 ☐ BORING NTIONAL) 7 ⊡ DIAMONI	D		55m	well	<b>A</b>	K
OF CONSTRUCT	3 🗌 ROTARY (REVER	SE) B [] JETTING 9 [] DRIVING		# 1993 &		ublet#2	5 1	26506
1 571	TOU DRULLIN	6 INC		DATA SOURCE	58 CONTS	<b>875</b>	AUG 1 0	993
	100 DRULAIA 7.19, Paken ha	m, Ont.		SE	ECTION	INSPECTOR		
HIN AME OF WE	RJA. STAN	ID 7	CORE R	D REMARKS				
		SUBMISSION DATE	07 93	OFFICE				cs.As
MINISTRY	OF THE ENVIRON	MENT COPY					FORM NO. 0	506 (11/86) FORM 9

Ministry of the		The Ontario	Water Resources Act	
Ontario Environment	•••	1527370	NUNICIP. CON. 15010	
	TOWNSHIP, BOROUGH CITY TOWN VILLAGE	TORPOLICU)	to 14 15 BLOCK, TRACT, SURVEY ETC	22 23 74
		's St, Ottwa		
3 <b>E</b> 1 1 1 1 1 1 1 1		ELEVATION RC		
	OG OF OVERBURDEN AND BEDRO	CK MATERIALS (SEE	31 INSTRUCTIONS)	47
GENERAL COLOUR MOST COMMON MATERIAL	OTHER MATERIALS	GENE	RAL DESCRIPTION	FROM TO
BROWN LOAM.	· · · · · · · · · · · · · · · · · · ·			0 1
CREV-BILLE CLAY	GRAVEZ			24 43
Cher Jine				
			<u> </u>	
			·	
			54 65 E(S) OF OPENING 31-33 ] DIA	1 1 75 00 METER 34-38 LENGTH 39-40
41 WATER RECORD	DIAM MATERIAL THICKNESS	RECORD	TERIAL AND TYPE	512 0 3 FEET DEPTH TO TOP 41-44 30
10-13 1 A FRESH 3 □SULPHUR 40-43 2 □ SALTY 4 □ MINERALS 6 □ GAS	INCHES INCHES FR	13-16	tinkss, the cop	e of screen 40 FEET
15-18 1 FRESH 3 DSULPHUR 2 SALTY 6 GAS	A CONCRETE 4 OPEN HOLE 5 DLASTIC	20-23 61	PLUGGING & SEA	CEMENT GROUT
20-23 1 C FRESH 3 SULPHUR 2 A MINERALS 2 SALTY 6 GAS	1 STEEL 1 2 GALVANIZED 3 CONCRETE 4 0 OPEN HOLE 1883 +	40	10 MATERIAL A	NO TYPE LEAD PACKER ETC ,
25-28 1 _ FRESH 3 _ SULPHUR 2 _ SALTY 6 _ GAS 30-33 3 3 _ COUPHUR 34	24-25 26 1 DSTEEL 2 D GALVANIZED	27.30 5	11-21 25-25 Holen	ig grant.
30-33 1 □ FRESH 3 □ SULPHUR 34 4 □ MINERALS 2 □ SALTY 6 □ GAS	AG 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		30-33 40	//
71 PUNPING TEST METHOD 10 PUNPING RA	TE 5 II-14 DURATION OF PUMPING IS-16		LOCATION OF WE	/.
	LEVELS DURING 2 PUMPING RECOVERY S 1 30 MINUTES   60 MINUTES		LOW SHOW DISTANCES OF WEL NDICATE NORTH BY ARROW.	
	-24 7 29-31 8 32-34 8 35-37 FEET FEET FEET FEET FEET	6	rapine Trail	
GIVE RATE	FEET 1 CLEAR 2 CLOUDY			
RECOMMENDED PUMP TYPE RECOMMENDED PUMP PUMP SHALLOW DEEP SETTING	HED 43-45 RECOMMENDED 5 46-43 PUMPING 5 GPM		-	
×	5 ABANDONED, INSUFFICIENT SUPPLY	an T+		5. 6
FINAL 2 OBSERVATION W STATUS 3 TEST HOLE OF WELL 4 RECHARGE WELL	ELL . ABANDONED POOR QUALITY 7 I UNFINISHED	*		VS #
55-56   DOMESTIC	5 COMMERCIAL 6 MUNICIPAL	l 2 B		and D
WATER 3 IRRIGATION USE 4 INDUSTRIAL	7 D PUBLIC SUPPLY COOLING OR AIR CONDITIONING NOT USED	199		
57 1 X CABLE TOOL	6 🗋 BORING	N N	(	) the
METHOD OF CONSTRUCTION 5 AIR PERCUSSION	SE) <sup>6</sup> D JETTING 9 D DRIVING	# 1993 Revise	d sublet # 21	126510
CC NAME OF WELL CONTRACTOR DRILLIN	KWC. WELL CONTRACTOR'S LICENSON TRACTOR'S	DATA 58 SOURCE	CONTRACTOR 59-62 DATE RECEIV	
ADDRESS ADDRESS NAME OF WELL TECHNICIAN	in Ond.	DATE OF INSPECTION	INSPECTOR	<b>,</b> , <b></b> ,
NAME OF WELL TECHNICAN	NTN WELL TECHNICIANS			
	2 SUBMISSION DATE DAY 30 NO 07 93.	OFFICE		CSS. F.S
MINISTRY OF THE ENVIRON	MENT COPY			FORM NO. 0506 (11/86) FORM S

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Ontario Env	ironment	SPACES PROVIDED 11	152737		CON.
COUNTY OR DISTRICT	2. CHECK 🗵 COR	TOWNSHIP BOROUGH CITY, TOWN VILLAGE		10 14 CON BLOCK TRACT, SURVEY	15 22 23 74
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		00, 90 Spar	Ne St (		DATE COMPLETED
				RC BASIN CODE	
·	* 10 L	OG OF OVERBURDEN AND BEDR		S (SEE INSTRUCTIONS)	
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	DEPTH - FEET FROM TO
BROWN	LOTM	STONE FILL			05
GRET-BLUE	CLAY				5 75
GREY	SMD	GRAVEZ			25 39
		· · · · · · · · · · · · · · · · · · ·			
31					
					55 75 60
41 WA	KIND OF WATER	51 CASING & OPEN HOLE	RECORD	Z SLOT NO I	512 INCHES 3 FEET
10-13		INCHES INCHES F	ROM TO	MATERIAL AND TYPE Staintess, the	Scope 36 FEET
15-18 <sup>1</sup> C	] SALIT 6 □ GAS ] FRESH 3 □ SULPHUR 4 □ MINERALS ] SALTY 6 □ GAS	$D = \begin{bmatrix} 2 & GALVANIZED \\ 3 & CONCRETE \\ 4 & OPEN HOLE \\ 5 & DPLASTIC \end{bmatrix} - $	0 25	61 PLUGGING	& SEALING RECORD
	FRESH         3         D SULPHUR         24           FRESH         4         D MINERALS         34           SALTY         6         D GAS         34	17-18 1 STEEL 19 11 1 2 GALVANIZED 3 GONCRETE 4 GOREN HOLE 4 GOREN HOLE	20-23	FROM TO	ATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC )
	FRESH 3 DSULPHUR 4 DMINERALS SALTY 6 DGAS	24-25 <sup>1</sup> □ STEEL 26	1 <u>36</u> 27-30	0 <sup>-11</sup> 5 <sup>-12</sup> (4	Hings - Store
	$\begin{array}{c} 3 \\ \text{FRESH} \\ 4 \\ \text{MINERALS} \\ \text{SALTY} \\ 6 \\ \text{GAS} \end{array}$	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC		26-29 30-33 80	xplug grout.
71 PUMPING TEST ME		E 11-16 DURATION OF PUMPING		LOCATION O	FWELL
STATIC LEVEL	Z BAILER WATER LEVEL END OF WATER	LEVELS DURING 2 DRECOVERY	IN DIAG LOT LIN	RAM BELOW SHOW DISTANCES	OF WELL FROM ROAD AND
LEST 6	PUMPING 22-24 IS NINUTES 3 8 <sup>26-3</sup>	30 MINUTÉS 45 MINUTES 60 MINUTES		Porcupine Trail -	
IF FLOWING. GIVE RATE	38-47 PUMP INTAKE				
S IF FLOWING. GIVE RATE RECOMMENDED PU	GPM	С <sub>FEET</sub> 1 Сселя 2 □ ссоиот <sup>10</sup> Сселя 2 □			
GL SHALLOW					
FINAL	V WATER SUPPLY	5 ABANDONED, INSUFFICIENT SUPPLY			
STATUS OF WELL	3 🔲 TEST HOLE 4 🗋 RECHARGE WELL	7 UNFINISHED.	Anginal *5. hlotts	7 1 6	
WATER	5-56 1 DOMESTIC 2 1 STOCK	5 🗌 COMMERCIAL 6 🔲 MUNICIPAL	well 2	→ K- 10m	
USE	3   IRRIGATION 4   INDUSTRIAL   OTHER	<ul> <li>PUBLIC SUPPLY</li> <li>COOLING OR AIR CONDITIONING</li> <li>ONOT USED</li> </ul>		-> 1- 10m	
METHOD	57 2 CABLE TOOL	6   BORING			Jul -
OF	CONVEN     CONVEN		X 1993 Re	used sublot # 2	4 126507
C STANA	CONTRACTOR RILLING	5 NC		58 CONTRACTOR 59-62 D	ATE RECEIVED 43-64 40
ADDRESS	19, Bakenhar	n, Ort.		ION INSPECTOR	
NAME OF WEL	LL TECHNICIAN	Well Technician's		<u>1</u>	
SIGNATUROF	HERHNICUM AVTRACT	SUBMISSION DATE	OFFICE		CSS.BS
MINISTRY	OF THE ENVIRON		J <sup>-</sup> L		FORM NO. 0506 (11/86) FORM 9

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Ontario	1. PRINT ONLY IN	SPACES PROVIDED	15	273	72	NUNICIP		1 03
		TOWNSHIP, BOROUGH, CITY TOWN, VILL	AGE / TORE	VION)		DOCK TRACT SURVEY	15	LOT 25-27
			arks 5			<u> </u>		07" ,93
						MASIN CODE		
	м <u>ца страна с Страна страна с Страна страна с</u>	OG OF OVERBURDEN AND BE		IATERIAL	S ISEE INS	31 TRUCTIONS)		47
GENERAL COLOUR	MOST CONNON MATERIAL	OTHER MATERIALS			GENERAL	DESCRIPTION	FRO	DEPTH - FEET
BROWN	with				<u>.</u> .			) / 1/
GREY-BLUE	CLAY Solut	GRAVEZ					74	4
CRET	JANO	GRANC					(	10.
				<u> </u>				
·		· · · · · · · · · · · · · · · · · · ·		× .				
31								
32 1 2 10						OF OPENING 31	-33 DIAMETER	75 80
41 WA	KIND OF WATER	51 CASING & OPEN H	DEPTH -	FEET			5112 00	HES 3 FEET
10-13 1			ERUM	TO 13-16	5 Sta	inless, kles	ige of scree	43 FEET
	□ FRESH 3 □ SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS	3 CONCRETE 4 COPEN HOLE 5 PPLASTIC	0	Z5 20-23	61	TAT FEET	& SEALING R	ECORD
2	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	64 <sup>1</sup> STEEL 2 GALVANIZED 3 GONCRETE 4 OPEN HOLE	+/	43	FROM	TO MA	HERIAL AND TYPE	LEAD PACKER. ETC )
2	☐ FRESH 3 □ SULPHUR 4 □ MINERALS □ SALTY 6 □ GAS	5 □ PLASTIC 26 24-25 1 □ STEEL 2 □ GALVANIZED		27-30	3"-2	V un	teolug Gre	xit.
	☐ FRESH 3 □SULPHUR 34 4 □MINERALS □ SALTY 6 □GAS	AO 3 □ CONCRETE 4 □ OPEN HOLE 5 □ Plastic			26-29	30-33 80		
71 PUMPING TEST MI	ETHOD 10 PUMPING RA	5 GPM HOURS	m17-18			CATION OF		
STATIC LEVEL	PUMPING	LEVELS DURING 2  2  2  2  2  2  2  2  2  2  2  2  2	1755		INE INDIC	N SHOW DISTANCES	OF WELL FROM R OW.	DAD AND
<b>F</b> 5	I 15 4	-28 15 <sup>29-31</sup> 16 <sup>32-34</sup> 16	35-37 FEET		capine 1		·	
U FELOWING. GIVE RATE RECOMMENDED P	38-41 PUMP INTAK	SET AT WATER AT END OF TEST 35 FEET 1 X CLEAR 2 □ CL		$\bigcirc$				
	PUMP	35 FEET RATE 5	46-49 GPM	61	n			K
\$0-53	54 1 WATER SUPPLY	S 🔲 ABANDONED, INSUFFICIENT SU		H	••		14	5
FINAL STATUS OF WELL	2 COBSERVATION W 3 I TEST HOLE	ELL & ABANDONED POOR QUALITY 7 I UNFINISHED		IOm				
-	4 D RECHARGE WELL 55:56 1 DOMESTIC 2 STOCK			Original	A we	l	250	
WATER USE	3 IRRIGATION 4 INDUSTRIAL	7 D PUBLIC SUPPLY 8 D COOLING OR AIR CONDITIONING	C    C	unior(3	3*		$\bigcirc$	
	57 1 CABLE TOOL	<sup>9</sup> 🗌 NOT USED 6 BORING					art -	JV .
METHOD OF CONSTRUCT	2 TROTARY (CONVE 3 D ROTARY (REVER	SE) <sup>®</sup> Disting 9 Driving		1993 R		subbt# 2	<sup>3</sup> 1	26508
CE NAME OF WELL	I CONTRACTOR DRILLA	IG INC WELL CONTRAC	TOR'S ER	DATA SOURCE	58 CO	1875	AUG 10	1993
ADDRESS ADDRESS	17 W DRULA 219, Pakenha	im, Ont.	SE ON	DATE OF INSPEC		INSPECTOR		
NAME OF WE	RVA. STA	WDN TOOR		REMARKS		<b>.</b>		
U SIGNATUS		DAY 30 MO 07	OFFICE				· c	css. BS
MINISTRY	OF THE ENVIRON						FORM NO.	0506 (11/86) FORM 9

Mini	•	e for the				Water Resourc		
of th	e ronment		WAT	'ER '	WI	ELL (	RECO	DRC
Ontario	1. PRINT ONLY IN	SPACES PROVIDED	11	15273	73			. 1 103
COUNTY OR DISTRICT		TOWNSHIP. BOROUGH. CI			CON	BLOCK. TRACT. SURVEY	ETC	22 23 LOT 25-2
CTTMU.A.	4.711 TV ]	T. ROFWEST				WETSKN	DATE COMPLETED	48-53
		0, 5	90 Sparks	ELEVATION	ma,	Cht. BASIN CODE		7 ,2
1 2	W 10 12				30	31		
	LC	DG OF OVERBURDE	N AND BEDRO	CK MATERIAL	L <b>S</b> (SEE )	INSTRUCTIONS)		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER M	ATERIALS		GENER	AL DESCRIPTION	FROM	TH · FEET
BROWN	LOAM						0	1
GREY-BLUE						······································	1	23
GREY	SAND	GRAVEZ					6	5 41
			<i>,</i> ,,					
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			••••••••••••••••••••••••••••••••••••••					
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			<u>,</u>	· · ·				
31					ill			
32 1 2 10						54		
	TER RECORD		OPEN HOLE	RECORD		TNO )	5% S% INCHE	s LENGTH 33
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL DIAM MATERIAL INCHES	THICKNESS FR	то то	CR CR	erial and type ainkss, tets	DEPTH TO T OF SCREEN	OP 41-44
<del>30-41</del> <sup>2</sup> 🗆	SALTY 6 GAS	10-11 1 □ STEEL 2 □ GALVANIZED 3 □ CONCRETE	<u> </u>	) Z4				D FEET
2	] FRESH 3 □SULPHUR 4 □ MINERALS 3 SALTY 6 □ GAS	CONCRETE 4 COPEN HOLE 5 PLASTIC	19	20-23	61 DEPTH	SET AT . FEET	ATERIAL AND TYPE	EMENT GROUT
20-23 1 2 2	FRESH 3 □SULPHUR 4 □ MINERALS   SALTY 6 □GAS	64 1 STEEL 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE	.188+	38	FROM	10 m	the ch	D PACKER, ETC )
25-28 1 [] 2 []	FRESH 3 □SULPHUR 4 □ MINERALS SALTY 6 □ GAS	5 D PLASTIC	26	27-30		T (1	Mings - Star	$\frac{\kappa}{1}$
30-33 1	] FRESH 3 □ SULPHUR 34 00 4 □ MINERALS 3 SALTY 6 □ GAS	2 □ GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 5 □ PLASTIC			- <b>T</b> _26	5-29 30-33 BO	<u>repring grad</u>	м
PUMPING TEST MET			PUMPING			OCATION O		
	2 DAILER 4		15-16 17-18 HOURS NINS PUMPING	IN DIA		OW SHOW DISTANCES		DAND
STATIC LEVEL	END OF WATER L PUMPING ZZ-Z4 IS MINUTES	EVELS DURING	RECOVERY		INE INI	DICATE NORTH BY AR	row.	_ ″
	9 9	· 9 <sup>29-31</sup> 9	32-34 FEET 9 35-37 FEET	for	Cupin	e pail		
	38-41 PUMP INTAKE	SET AT WATER AT EI			•			
IF FLOWING. GIVE RATE	GPM	FEET A CLL			.[]			
SHALLOW	DEEP SETTING	FEET RATE	GPM	Sublat 37	<b>F</b>			
FINAL	* + WATER SUPPLY	5 🗍 ABANDONED, IN	SUFFICIENT SUPPLY	Well 7			1 ×	6
STATUS OF WELL	2 OBSERVATION WE 3 TEST HOLE	7 🗌 UNFINISHED	OR QUALITY	13.	'			の
	4 D RECHARGE WELL	DEWATERING		SS 1				Ħ
WATER	2 STOCK 3 IRRIGATION	MUNICIPAL  PUBLIC SUPPLY			<u> </u>		750	8
USE	4 🗍 INDUSTRIAL	COOLING OR AIR CO	NDITIONING NOT USED				$\cup$	Ч Ч
METHOD	57 1 CABLE TOOL 2 ROTARY (CONVEN							
OF	3 🗇 ROTARY (REVERSI		G	* P93 F	Ruisec	l sublot#	22 1	
	S AIR PERCUSSION			DRILLERS REMARK	(5	<u>_</u> \	·	
CE STAN	TON DRULIN 19, Pakenha	GINC WE	AST STREET	DATA SOURCE	58	4875	AUG 101	993
VINC 10	19. Rekenha	m. Ond.	- -	l ui l		INSPECTOR	; <u></u> _; <u>¥</u> _!	
NAME OF WEL	L TECHNICAN	m -	ELL TECHNICIAN'S			<u> </u>		
SIGNATION OF	TEHNICHER		N7 07	OFFICE				~
	I AL RELA	— I <i>S</i> U	01 23				~ ~ ~	is.Fas

tario and Enorgy int only in spaces pro ark correct box with a	ovided. a checkmark, where applica	able.	11 1 2	15	52998				ı.	
ounty or District	CARLETON		ip/Borough/City/ WEST		RLETON	1	Con block	tract surve		21
on ANH wher's surname	S OF CANAL	Address A		Du	NROBIN	I RI	D	Date completed		onth yes
CAN	P WOLSEY				500DX		Basin Code	ار ــــــــــــــــــــــــــــــــــــ		i
2	LOG	OF OVERBURD		ROCK MA	ATERIALS (s				De	oth – feet
General colour	Most common material		Other materials			General C	description		From	To
BROWN	SAND								0	12
BLUE	CLAY	0			_				12	38
GREY	GRANITE GI							. <u>.</u>	38	42 65
AT GREY	LIMESTONE								42	10
MRK GREY	LIMESTONE								107	
16HT GREY	6 MESTON								107	AC 215
REY WHIT									215	23
ARK GRED									230	24
GHT GREY	LIMESTONE			_,					230	24
41 WATER I Water found Ki	nd of water Inside h 3 Sulphur 14 4 Minerals 10	Material	A OPEN HOI Wall thickness inches	Dept From	h – <b>feet</b> To <sup>13-16</sup>	Sizes of o (Slot No.)		31-33 Diamete	er 34-58 Leng inches Depth at top	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	nd of waterInside diamh sSulphur14 $4$ Minerals $6$ Gash 3Sulphur $4$ Minerals $6$ Gash 3Sulphur $4$ Minerals $6$ Gash 3Sulphur $29$ $6$ $6$ Gas $7$ Minerals $6$ Gas $6$ Gas $7$ Minerals $6$ Gas $7$ Minerals $8$ $6$	Material Material Material Material Material Material Material Material Material Concrete Galvanize Galvan	Wall thickness inches d d f d f d d d d d d d d d d d d d d	Dept From	h – feet To	61 Depth set at - From	nd type PLUGGII Annular spac	NG & SEAL	ING RECOI	o of scree 41-4 feet RD ment pentonite,
Water found al - feetKi $4 - 5 = 5$ 1Fres 22 $4 - 5 = 5$ 22Salty $15 - 18$ 1Fres 22Salty $12 - 0$ 2Salty1 $23 - 5$ 2Salty2 $23 - 5$ 2Salty $23 - 5$ 1Fres 22 $23 - 5$ 1Fres 22 $23 - 5$ 1Fres 22 $23 - 5$ 1Fres 22 $30 - 33$ 1Fres 22 $30 - 34$ 1Pres 28 $30 - 34$ 1Pres 28 $71$ Pumping test method 4Water 4 $71$ Pumping test methodWater	nd of water     Inside diam       h s     Sulphur     14       h s     Sulphur     14       c     Gas     10       h s     Sulphur     14       c     Gas     17       h s     Sulphur     24       f a     Minerals     60       g a     Gas     60       iller     0     Pumping rate       iller     10     Pumping rate       j a     Minerals     30 minut       j b     Gas     30 minut       j b     Sa     160       j b     Pump intake set at       GPM     Pump setting       Deep     Pass       j b     Abandoned, insuffice	Material Mat	Wall thickness inches 12 13 14 19 19 19 20 20 20 20 20 20 20 20 20 20	Dept From O 42	n - feet To 13-16 42 20-23 248 27-30	61 Depth set at From 18-21 26-29	nd type PLUGGII Annular spac feet To Ma 72,25 30-33 80 CATION O distances	NG & SEAL terial and type ( BEN C PF WELL of well from	ING RECOI	e of scree

Name of Well Contractor M. KAVANACHESOW WELL DK	Well Contractor's Licence No.	NL	Data s source	Contractor	42	59-62 Date rece	<sup>ved</sup> 0	1998 B
M. KAVANACH & SOW WELL JA Address RR 2 CARLETON PL	TCE	USE OI	Date of inspection		Inspector			~
Name of Well Technician MIKE KAVANAGH	Well Technician's Licence No. -0.194	IISTRY	Remarks					N
Signature of Technician/Contractor	Submission date 27 /1 97 day mo yr	N.					)506 (07/S	94) Front Form 9

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<b>Ont</b>	ATIO Ministry of the Environmer	nt							ER WE		
	with a checkmark, where	applicable.	1	2	15	306	71	ISC PLAN		420	o, Pan
County or District	CARLETON		TUP	Borough/City/		en a	Torbolk	1	k tract surve	y, etc. La	ot 257 48-5
			Address 150 /S	a bella	st, Otta	nia, ON RC Eleva	J KIS	Basin Code	Date completed		07 9 nonth yea ™
21	й М <u>10</u>								<u>                                      </u>	<u> </u>	
General colour	Most common materia	LOG OF OV		er materials		ENIALO (S		al description		Depth - feet	
GREY	RET CLAY						<u></u>			0	18
BROWN	SAND	2/	LT			FINE		<del></del>		18 74	74 40
DREI	Units					/ ///	·				-7
	+										
									ng,		
										-	
		51 C					54 Sizes	of opening	31-53 Diameter	34-38 Len	 gth
ater found	Kind of water 🗶	Inside diam inches	Material	Wall thickness inches	Depth - From	feet To	Z (Slot I	No.)		40	4 te
6-40 <sup>10-13</sup>	Fresh <sup>3</sup> Sulphur <sup>14</sup> 4 Minerals Salty	1G-11 1 2	Steel <sup>12</sup> Galvanized Concrete	Inches		:3-16		or 8 ial and type in Irss / 4 PLUGGING	bscyz	Depth at top	of screen 41.44
15-18	Fresh         3         □         Sulphur         19           4         □         Minerals         0         0           3         Salty         6         □         Gas	04	Open hole Plastic Steel	-198	+2	<b>36</b> 20-23	61	PLUGGING			
2 [	3 □ Sulphur 24 4 □ Minerals 5 Salty 6 □ Gas	512 4	Galvanized Concrete	#8 Scieen	36	40	From	t at - feet To Mat	erial and type (Ce		
2 [	3         ☐ Sulphur         29           4         ☐ Minerals           5 Salty         6         ☐ Gas	24-25 1 2	Plastic Steel Galvanized			27-30	18-21	2025 C	mut	■ ◆	
30-33 1 C 2 C	3         □         Sulphur         34         60           4         □         Minerals         60           Salty         6         □         Gas	4 [	Concrete Open hole Plastic				26-29	30-33 80			
Pumping test m	· · ·	11-14 D GPM	Duration of pump					OCATION OF			
	Vater level and of pumping 22-24 15 minutes 26-28	· ~		Recovery     60 minutes     35-37		In diagran Indicate n	n below sh Iorth by ari	ow distances ow.	of well from	road and lo	ot line.
If flowing give ra	18 10 10 10 10 10 10 10 10 10 10 10 10 10	B feet	B feet	18 feet		4					''
If flowing give ra	GPM	30 teet	Vater at end of tes	st 42		Y					
Recommended p	Deep Recommended pump setting		Recommended pump rate	5 GPM		7	<b>D</b> /	10 140	Ń	M	3
INAL STATUS					Lar	<u>י                                     </u>	D.	HR-142	2	k k	
<ol> <li>Water sup</li> <li>Observation</li> <li>Test hole</li> <li>Recharge</li> </ol>	on well <sup>6</sup> 🗋 Abandoned,	poor quality	10 🗌 Untinisr 10 🔲 Replace	ement well	Junio	bin	Part	-C +C	1420	Ρ.	
VATER USE	55-56	·			Ra	• • •	PLI				
Domestic Domestic Stock	7 📋 Public supply	y	9 🗋 Not use					ube	- 74	1 12	í
4 Industrial	8 Cooling & ai	a conunionii ig			4=	ᆗ┝					Z
<sup>1</sup> Cable tool <sup>2</sup> Rotary (cc <sup>3</sup> Rotary (re	I <sup>5</sup> 🗌 Air percussion Anventional) <sup>6</sup> 🔲 Boring	on	<ol> <li>Driving</li> <li>Digging</li> <li>Other</li> </ol>	1			those	John P	Kury -		'
<sup>4</sup> □ Rotary (ai					Reke	A A	unter la	<u>købs da</u>	ta for	208	789
	D DRILLING IN	k	Well Contractor	or's Licence No.			Contractor	75	53-62 Date rece		63-68 999
				<b></b>		of inspection		Inspector			
Address	, Paktaham,	, av	KOA:	XD	]   ⊃						
Address Box 219 Name of Well Techn Refer	·	, OU		n's Licence No.	SN ALLSINIW	rks				CSS.E	<b>S0</b>

<u> </u>	ario Ministry of the Environment			The Ontario Wate WATER WE	
rint only in space lark correct box	ces provided. k with a checkmark, where a		1530673		ON K
County or District	CARLERON	Township/Borough/City/	- /	Con block tract surv	ey, etc. Lot
		Address 150 /sabell	St. Othewa W	KISIV7 Date completed	73 02 0
21		Northing	RC Elevation	RC Basín Code ii	
2	L(	DG OF OVERBURDEN AND BEDF	24 25 26 ROCK MATERIALS (see inst	ao an ructions)	Donth fact
General colour	Most common material	Other materials	Ge	neral description	Depth - feet From To
GREY	SANDS	51117	i		0 20
GREY	SAND		FINE		75 40
· 					
15.19 2 2 20.23 2 2 25.28 1 2 20.33 1 2 2 2	Kind of water         Fresh       3       Sulphur       14         Minerals       Gas         Salty       6       Gas         Fresh       3       Sulphur       19         Salty       6       Gas         Salty       6       Gas         Fresh       3       Sulphur       19         Salty       6       Gas         Fresh       3       Sulphur       24         Salty       6       Gas         Fresh       3       Sulphur       29         Salty       6       Gas         Salty       6       Gas	Inside diam inches     Material     Wall thickness inches       10-11     1     Steel     12       2     Galvanized     14       3     Concrete     188       4     Open hole     188       5     Plastic     13       17-18     1     Steel       17-18     1     Steel       2     Galvanized       3     Concrete       4     Open hole       5     Plastic       24-26     1       1     Steel       2     Galvanized       3     Concrete       4     Open hole       5     Plastic	From To 3-16 + Z 36 (3-16 (3-16)	13 <b>10 Crad</b>	
Static level W el 19-2'	□ Bailer     22     Water levels durin       Vater level and of pumping     25     Water levels durin       22.24     15 minutes feet     30 minutes feet       24     15 minutes feet     26.5       4     6PM     36       20     9     9       20     9     7       20     9     7       20     9     7       20     9     7       20     9     7       20     9     7       20     9     7       20     9     7       20     9     7       20     9     5       20     4     4       20     9     5       20     6     Abandoned, poor	GPM      Z       Hours      Mins         ng       1       Pumping       2       Recovery         ninutes       45 minutes       60 minutes       60 minutes         21       feet       Z1       feet       21         feet       Image: Clear       Cloudy       46.43         feet       Image: Clear       Cloudy       46.43         feet       GPM       GPM       46.43         feet       Unfinished       60 Mins       46.43         feet       Image: Clear       Cloudy       46.43         feet       Image: Clear       Cloudy       46.43         feet       Image: Clear       September       GPM         feet       Image: Clear       September       GPM         feet       Image: Clear       September       GPM	Indicate north by	hocation of well show distances of well from arrow. hAR-H206 Part 1 Hell 2	road and lot line.
ATER USE Domestic Stock Trigation Industrial IETHOD OF C Cable tool Cable tool Rotary (ce Rotary (cai	verse) / 🗌 Diamonti	P      Not use     D     Other     ditioning     P      Driving     10      Digging     11      Other	The second secon	es. Johan PKwy A	208790
	actor DRIVHING INC.	Well Contractor's Licence No. 4075	Data 58 Data 58 Data 58 Date of inspection	tor 59.62 Pate rec 8 7 5 10 Inspector	eived 63-68
	, Pakenkan, O sian sianylogistor	V KONZXO Well Technician's Licence No. FOCOC Submission date Bay One Foco Fay	SN ALLSININ		CSS.ES0

😵 Ontario	Ministry of the Environment	n na gr <del>age er anna a</del> 2 - Alain - Alain	<b>48</b> - 1983 <b>1</b> - 1993 − 1 1993			Resources Ac LL RECORE
Print only in spaces prov Mark correct box with a	rided. checkmark, where applicabl	<b>e</b> . 11	1530	682 L	inicipality Con. 5010 CC	
County or District	ARLETOS	Township/Borough/City/ TWP OF WEST Address 126 Grass h			block tract survey	14 1 12 08 99
21		Northing		levation RC Basin	Code ii	day month year
		OVERBURDEN AND BEDI	ROCK MATERIALS	(see instructions)		
General colour M	lost common material	Other materials		General descript	ion	Depth - feet From To
GREY SA	mor clay					D IZ
BRAWN 5 GREY	Aals			• • • • • • • • • • • • • • • • • • •		12 40
					·····	
31         1         1         1         1           32         1         1         1         1         1           12         14         15         15         15           41         WATER RECO         14         15         15					31-33 Diameter	Length 39-45
Water found	of water Sulphur 14 Minerals Gas	Material Wall thickness inches	Depth - feet From To	Naterial and type	-16 5'2 "	Depth at top of screen The screen of screen o
20-23 C Salty 6 2 Salty 6 2 Salty 6 2 Salty 6 2 Salty 6	Minerals     Gas     I7-18     Sulphur 24     Minerals     Sc.een	5         Plastic           1         Steel         3           2         Galvanized         3	36 <b>4</b> 0	Depth set at - feet		RECORD Abandonment ment grout, bentonite, etc.)
25-28 1 <b>Fresh</b> 4 2 <b>Satty</b> 6	Sulphur 29 Minerals Gas Sulphur 34 60		27-30	From         To           113         1100           18-01         22-25           26-29         33-33	<b>Craf</b>	
71 Pumping test method	10 Pumping rate 11-14	Duration of pumping		LOCATION		
Static level end of pump	<sup>224</sup> 15 minutes 30 minutes 29-31 a	45 minutes         22.34         60 minutes         17.16           Pumping         2         Recovery           45 minutes         32.34         60 minutes           2         2         12.34		am below show distant north by arrow.		bad and lot line.
If flowing give rate	feet         feet         feet           A1         Pump intake set at             PM         30         feet            Recommended pump setting pump setting         30         feet	feet     feet       Water at end of test     42       □ Clear     I Cloudy       Recommended     46-49       pump rate     GPM				
50:53 FINAL STATUS OF WE <sup>1</sup> Water supply <sup>2</sup> Observation well <sup>3</sup> Test hole <sup>4</sup> Recharge well	54       5     Abandoned, insufficient su       6     Abandoned, poor quality       7     Abandoned (Other)       8     Dewatering	pply <sup>9</sup> Unfinished <sup>10</sup> Replacement well	upire 1	<u>G7265 hop</u>		2
WATER USE  Domestic  Control  Contro  Control  Control  Control  Control  Control	56.56 Commercial Municipal Public supply Cooling & air conditioning	9	Farc	126 Gusshage	40'	7
METHOD OF CONSTR <sup>1</sup> Cable tool <sup>2</sup> A Rotary (conventional <sup>3</sup> Rotary (reverse) <sup>4</sup> Rotary (air)		<sup>9</sup> Driving 10 Digging 11 Other	7 thes	Dan Phury	1	<del></del> 208796
Name of Well Contractor STAWTON & Address	RKLING NC Allenham, On	Well Contractor's Licence No.	Data source Date of inspectio	58 Contractor 4 8 7 5 n Inspector	59-62 Date receiv	<sup>/ed</sup> <b>3</b> 0 <b>1999</b> <sup>63-66</sup> <sup>80</sup>
Box 219, 12 Name of Well Technician PERS Sport	akonham, On top	Well Technician's Licence No.	Remarks ALLSININ			CSS.ES0
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🗑 Ont	Ario Ministry of the Environment				Water Resources Ac R WELL RECORD
Print only in spa Mark correct box	aces provided. x with a checkmark, where applica	<b>ble</b>	15307		
County or Distric	-CARLETON	Township/Borough/City/	Town/Village [URAC [Mai	rh) cood	Tract survey, etc. Lot 25.27 Strand 4 Date 12 27 27 27 27
Owner's surname		asting Northing	To Rel, Sunne		completed day month year
21	M 10 12				
General colour	LOG O Most common material	F OVERBURDEN AND BEDI Other materials	ROCK MATERIALS (s	ee instructions) General description	Depth - feet
(201	CIAY				From To
RUIÉ	CLAY				15 32
GREY	SAND		FIN	É	32 57
				<u>.</u>	
31					
32	ER RECORD 51			Sizes of opening 31-33	Diameter 34-35 Length 39-4
Water found at - feet	Kind of water diam inches	Wall Material thickness	Depth - feet From To	Slot No.)	5 <sup>1</sup> / <sub>2</sub> inches 4 feet
53-57	□ Fresh <sup>3</sup> □ Sulphur <sup>14</sup> □ Salty <sup>6</sup> □ Gas	1 DY Steel 1? 2 D Galvanized	13 16	Material and type	Depth at top of screen 30
15 14 ) -	□ Fresh <sup>3</sup> □ Sulphur <sup>19</sup> □ Salty <sup>6</sup> □ Gas	3 □ Concrete 4 □ Open hole 5 □ Plastic	+16"53		SEALING RECORD
	□ Fresh <sup>2</sup> □ Sulphur <sup>24</sup>	1 Galvanized	53 57.	Depth set at - feet Material	Abandonment and type (Cement grout, bentonite, etc.)
25-25 1	Fresh 3 Sulphur 29	Open hole     Filler     Plastic	27 30	From To	Colus mit
30-33 1	□ Salty 6 □ Gas	2 Galvanized 3 Concrete 4 Open hole		18-21 22-25 26-29 30-32 50	1 2700
	□ Salty <sup>4</sup> □ Minerals □ Salty <sup>6</sup> □ Gas	5 🗆 Plastic			
71 Pumping test	Bailer GP	12 10 - 17 10		LOCATION OF W	
Static level 1	Water level end of pumping 22-24 15 minutes 30 minutes	Pumping         2         Recovery           45 minutes         32.34         60 minutes           31         45 minutes         35.37	Indicate n	orth by arrow.	- WORD
19-21 Breet If flowing give		eet <b>25</b> <sup>32-34</sup> <b>3</b> <sup>50-37</sup>		1135KM	1 2192
If flowing give	- GPM 50 f	Water at end of test 42 eet Clear Cloudy	5		1 Dunobin Re
Recommended	pump setting	Part Provided Provide	DXWY BOR		TA
50-53			SX		[]Sm
FINAL STATU			チ'		<u> </u>
<sup>3</sup> Test hole <sup>4</sup> Recharge	7 Abandoned (Other)		1 7		1 7
WATER USE	55-56 c 5 🗋 Commercial		11 7	$\  \alpha$	#9 /
2 Stock 3 Irrigation 4 Industria	6 🖾 Municipal 7 🖸 Public supply	10 🗋 Other			
<sup>1</sup> Cable too <sup>2</sup> Botary (c	ol <sup>5</sup> 🖸 Air percussion conventional) <sup>6</sup> 🗌 Boring	<ul> <li>Driving</li> <li>Digging</li> </ul>		L .	
<sup>3</sup> 🗆 Rotary (r <sup>4</sup> Rotary (a	reverse) / L Diamond	<sup>11</sup> Other			208799
Name of Well Con	TA) DULING WY	Well Contractor's Licence No.	Data source	<sup>58</sup> Contractor 4875	52 Date received 63.68 80 SEP 2 3 1999
Address For 219	7. Rekenham, Or		Date of inspection		
Name of Well Tech	hinician ton	Well Technician's Licence No.	↓   ⊃		CSS.ES0
Signature Property		Submission date			C00.F0A
LIA	1 yr ya	day 24 mo CByr 99	┛╘╴		0506 (11/98) Front Form 5

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Ministry of the Environment 🕅 Ontario

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1 etri. The Ontario Water Resources Act WATER WELL RECORD

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Print only in spac Mark correct box	ces provided. with a checkmark, where applicable	<b>e</b> . [11]	1530767	
County or District	CARLETON	Township/Borough/City/Town/	Village RML (March) Con block tract su	wey, etc., Lot
Owner's surname	K CONSTRUCTION	Address 2123 Cha/ner	s Rd. Others, Ond. Date complete	d day month year
21	Zone Easti T M1	ing Northing	RC         Elevation         RC         Basin Code         ii           24         25         26         30         31	
			( MATERIALS (see instructions)	Depth - feet
General colour	Most common material	Other materials	General description	From To
RUDE	CLAY			
GRAY	JAND		FINE	19 47
31				
32 41 WATE			ORD Sizes of opening 21-33 Diame	ter 34-38 Length 39-42
Water found at - feet	Kind of water diam inches	Wall Material thickness	om To SLOT 48 5%	Zinches 4 feet
4347	☐ Fresh <sup>3</sup>	Steel 12 Galvanized	Material and type	Depth at top of screen
	Fresh 3 🗆 Suiphur 19	3         □ Concrete           4         □ Open hole           5         □ Plastic	- 43 <sup>[6]</sup> PLUGGING & SEALI	
20-23	□ Fresh 3 □ Sulphur 24	Steel <sup>19</sup> Galvanized Concrete	20-23 Annular space	Abandonment (Cement grout, bentonite, etc.)
25-26 1	Fresh <sup>3</sup> Sulphur <sup>29</sup>	A Open hole Plastic	P + ( From To million and spec	WA A [ TTTP .
30-33 1	☐ Cutty 5 ☐ Gas		18-21 22.25 26-29 30.33 80	10
2	Salty 6 Gas			
71 Pumping test m	Bailer O GPM	Duration of pumping 15-16 Hours O Mins	LOCATION OF WELL	m road and lot line
. I Static level I	Vater level water levels during ' Water levels during ' and of pumping 22:24 15 minutes 30 minutes 30 minutes 28:31	Pumping         C         Recovery           45 minutes 32-34         60 minutes 35-37	Indicate north by arrow.	n road and for line.
If flowing give ra	24 feet 24 feet 24 feet	32-34 35-37 124 feet 124 feet		1001
If flowing give ra	28.4	Water at end of test 42	J ZKM	Well
Recommended p	Pump type Recommended pump setting to the tet	Recommended 46-49 pump rate <b>5</b> GPM		6
50-53			BS Man	T
FINAL STATUS	on well 5 C Abandoned, insufficient su	pply <sup>9</sup> □ Unfinished <sup>10</sup> □ Replacement well	8	Zem
<ul> <li><sup>3</sup> Test hole     <li><sup>4</sup> Recharge     </li> </li></ul>	Abandoned (Other)		5	
WATER USE	55-56 5 🖸 Commercial	9 🔲 Not use	0047	l l
<ul> <li><sup>2</sup> T Stock</li> <li><sup>3</sup> I Irrigation</li> <li>4 Industrial</li> </ul>	7 🔲 Public supply	10 🗌 Other	Dunrobin	
METHOD OF (				
<ol> <li>Cable tool</li> <li>Rotary (co</li> <li>Rotary (re</li> </ol>	I <sup>5</sup> C Air percussion priventional) <sup>6</sup> Doring everse) <sup>7</sup> Diamond	<sup>9</sup> Driving <sup>10</sup> Digging <sup>11</sup> Other	L.	
<sup>4</sup> Rotary (ai	r) <sup>8</sup> ] Jetting		<u> </u>	208800
Name of Well Contr	ACTON DUILING IN.	Well Contractor's Licence No.	pata 58 Contractor 8 7 5 59-62 Date r	eceived 63-68 50
Address RYN 7K	N DRHLING INC 7, Rekenham, Or	1707.5 N.	Date of inspection Inspecto:	
Name of Well Techn	ician for for	Well Technician's Licence No.		
Signature di Techni	SUNJOI (	Well Technician's Licence No. 7-036 Submission date tau Tara Bar Carlor		CSS.ES0
jya	INISTRY OF THE ENVIRO	day more yr	•	0506 (11/98) Front Form

The Ontario Water Resources Act 🕅 Ontario Ministry WATER WELL RECORD of the Environment Print only in spaces provided. 1530768 Mark correct box with a checkmark, where applicable. 11 15006 CON 03 Township/Borough/City/Town/Village KANATA RURM (March) County or District Con block tract survey, etc. Lot CONCESSION 3 17 OTTALA CARLETTA Address completed Zo 09 month Aunrobin Rd, Sunrobin 751 Q\$ 21 \_\_\_\_\_\_\_ LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions) Depth - feet General colour Most common material Other materials General description From То BROW SAND tø 0 GREY to 35 GRAVET SAN COARSE 8)/Bl/a 35 41 31 1 2 1 1 32 \_\_\_\_\_ ł **CASING & OPEN HOLE RECORD** Sizes of opening (Slot No.) 5LO7 41 WATER RECORD 51 Inside diam inches Wall thickness inches Water found at - feet Dep 3 5"-jinches SCREEN Kind of water 30 Matoria Æ feet From То Depth at top of screen ☐ Fresh <sup>3</sup> ☐ Sulphur <sup>4</sup> ☐ Minerals Sally 755 799 Steel Galvanized Concrete Mat B Stintess 38-41 ekre 64 .188 38 +Z □ Fresh Sulphur Minerals **PLUGGING & SEALING RECORD** □ Saltv Gas Steel
 Galvanized
 Concrete
 Open hole
 Plastic 🎽 Annular space Abandonment Sulphur Minerals 🗆 Fresh Depth set at - feet ha Salty Material and type (Cement grout, bentonite, etc.) 38 41 Gas From Sulphur Minerals 🗌 Fresh Ž tO nt. Steel □ Saltv Gas Galvanized Concrete Open hole Plastic Sulphur Minerals Gas 30-3 Fresh □ Saltv n of pumping 15-16 Hours 15 Mins Pumping test method Pumping ra LOCATION OF WELL **Z**GPM 🗆 Pump 2 💇 Baile Magram below show Indicate north by arrow. In diagram below show distances of well from road and lot line. Water level Static level Water levels during Pumping Recovery end of pumping **PUMPING TEST** 30 minutes 45 minutes 32-34 15 minutes 60 minutes 18 19 19 19, feet If flowing give rate Pump inta Nater at end of test Cloudy GPM **30** fee 🖵 Clear nded pump type Recommende pump setting imended 75 pump rate 1 GPM DO FINAL STATUS OF WELL Abandoned, insufficient supply 9 
 Unfinished
 Abandoned, poor quality 10 
 Replacement well
 Abandoned (Other)
 Dewatering Dunrobin Water supply Observation well Test hole Recharge well WATER USE 55-56 5 Commercial
6 Municipal
7 Public supply
8 Cooling & air conditioning 9 🗋 Not use Domestic Irrigation
Industrial 2751 Dunrobin -Rd. METHOD OF CONSTRUCTION 57 Cable tool
 Cable tool
 Rotary (conventional)
 Rotary (reverse)
 Rotary (air) <sup>5</sup> Air percussion
 <sup>6</sup> Boring
 <sup>7</sup> Diamond
 <sup>8</sup> Jetting <sup>9</sup> Driving
 <sup>10</sup> Digging
 <sup>11</sup> Other ... 208803 4875 STANTON DRILLING MC ONLY SEP 2 3 1999 ource 487

Date of inspection

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**Ontario** 

The Ontario Water Resources Act WATER WELL RECORD

Print only in spa Mark correct bo:	Environme aces provided. x with a checkmark, when			11	1 !	5 <b>307</b>	70	A		Con. CiON i	27 25 24
County or Distric	1 0 1711	. )	-	orough/City/	_		- 1 11		ock tract s		Lot
1011AU	A-CARLETON	$\sim$	Address	C WEST	CARL	Ten (1	Entertain		Date	<u>623  </u> B	
			ZBZ I	Sunn	din R	U, SU	inro b	in On	comple	eted day	month year
21	) M			Northing		RC Eleva	ation RC	C Basin Co	de i II-II-I	r ie r i i i i i	iv
	M		RBURDEN			TERIALS (s	see instruc	tions)			47
General colour	Most common mate			materials	<b></b>			ral description	 າ	De	pth - feet To
CON	CLAV										17
DI	CIAI									17	25
BUE	CUT						-			12	
GREY_	DAND									-43	40
			11 m								
						1					
						-					
						1					
31											
32							ل				
	ER RECORD		SING & OP					of opening			ngth 39.40
Water found at - feet	Kind of water	Inside diam inches	Material	Wall thickness inches	Depth From	- teet To		10T E	3 5		4 feet
2/10	□ Fresh <sup>3</sup> □ Sulphur <sup>34</sup> → Salty - A □ Minerals	10-11 1 🔽	Steel <sup>12</sup> Galvanized	110103		.3.6		al and type	16/20	Depth at to	p of screen
VOZE N	Fresh 3 Sulphur 13	/ V. "  3 🗆	Concrete	.188"	47	21	JZ	limess,	Mag		o feet
	□ Fresh ₄ □ Minerals □ Salty <sub>6</sub> □ Gas	5	Plastic Steel		16	2023	61	PLUGGI		LING RECOR	
	□ Fresh <sup>3</sup> □ Sulphur <sup>24</sup> <sup>4</sup> □ Minerals □ Salty <sup>6</sup> □ Gas		Galvanized Concrete		3/	10		t at - feet		De (Cement grout,	
25.98	□ Eresh <sup>3</sup> □ Sulphur <sup>29</sup>	pran &	Open hole Plastic		Z	TO	From	To "			
2 [	Salty 6 Gas	2	Steel <sup>26</sup> Galvanized			27-30	18-21	61	poorp	ng gri	u.
30-33 1 [ 2 [	□ Fresh <sup>3</sup> □ Sulphur <sup>34</sup> <sup>60</sup> <sup>4</sup> □ Minerals □ Salty <sup>6</sup> □ Gas	3 🗋	Concrete Open hole				26-29	30-33 80	1	0 0	
	Gas	5 📋	Plastic								
71 Pumping test r			ration of pumping	9 			LC	OCATION (	F WELL		
. Static level	Water level Water levels			☐ Recovery		In diagran	n below sh horth by arr	ow distance	es of well fr	om road and	lot line.
If flowing give	22.24 15 minutes 26-28			0 minutes			ioran by an	011.			
	H feet	H feet	24 test	ZA feet		6		د	37 6	<b>L</b> a	
If flowing give	rate 38-41 Pump intake se	tat Wa	ter at end of test	42				20	Ē	N	
Recommended	GPM pump type Recommended	43 45 R	Clear ecommended	□ Cloudy 46-49				3			
🗆 Shallow	Pump setting		ump rate	5 дрій		~ ^ ^	NLC			1	
50-53						DC	<u>#9</u> 1951 RC	$\neg $			
FINAL STATU		d, insufficient supply	🤋 🗌 Unfinishe	d		Dunn	istin RC	1/4	킼		
3 🔲 Test hole	<sup>7</sup> 🗌 Abandoneo	d (Other)	10 🗌 Replacen	nent well	1	-		*			-4
4 🗍 Recharge					左			4			-1
WATER USE     Domestic     Stock	55-56 5 Commercia	al	9 🔲 Not use		1	1200	1.000				
े 🗌 Irrigation	7 🔲 Public supp		10 🗌 Other		ι ε	1 P	und		- DA		
4 🗌 Industrial	8 🗌 Cooling & a	air conditioning					1821	Dunrob	m La	ł	
							ç			J.	
<sup>1</sup> Cable too <sup>2</sup> Rotary (c <sup>3</sup> Rotary (n	5     Air percuss       conventional)     6     Boring       reverse)     7     Diamond	sion	<ul> <li><sup>9</sup> Driving</li> <li><sup>10</sup> Digging</li> <li><sup>11</sup> Other</li> </ul>					IKM	7	N	
* X Rotary (a								-		208	801
Name of Mall Or	Imator		Well Contractor		Data		58 Contractor		59-62 Date	e received	63-68 80
STAN	Tactor DRULING T, Rekenham Stanky	SINC	Well Contractor's				<b>4</b>	875		SEP 23	
Address	BKal.	<u> </u>				of inspection		Inspector	l ¯		I
Name of Well Tech	1, IQKENKUM	, <i>m</i> .	Well Technician'	s Licence No	BSN A Rem	arks					
REF	Stanken		TEQ	36						CSS.E	SO
Signature of Tech	rcian/Contractor		Submission date	99	NIN I						
pur	yright	<u> </u>	day U	yr yr						0506 (11)	98) Front Form

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Print only in spa Mark correct bo	1	112	1	5308	809	Municipali					
County or District	GARLETON		Turo	Borough/City/	Town/Villag	eten	(Textelles)	Con block		ey, etc. Lo 14	ot 25.23
			Address	abello	St, E	Have	, Atar	ò.	Date completed	Zhe U	1 <b>8</b> 99 month yea
21	0 1 M							Basin Code			
General colour	Most common materia			AND BEDF	ROCK MA	TERIALS	(see instruction General d			Dept	h - feet
RRAWN	5Arts						General u	escription		From	₅ 2/
Band	SAND									IZ	ZI
ORLY	-										
BLUE	CLATY									21	22
			······								
	-		tu					•			
31 32											i Li li I Li li
41 WATE Water found	ER RECORD Kind of water	Inside	SING & OPI	Wall thickness	RECORD Depth	- feet	Sizes of op (Slot No.)	-	<sup>33</sup> Diameter 54	7 <b>3</b> 1	nth 39.40 <b>4</b> feet
17-21 2	Fresh <sup>3</sup> Sulphur <sup>14</sup> Minerals	inches	Steel <sup>12</sup> Galvanized	inches	From	<b>To</b>	Material an	d type		Depth at top	
15-18 1 6	Fresh <sup>3</sup> Sulphur <sup>19</sup>		<u> </u>	.188	+2	F				17	feet
25.23	3         Salty         4         □         Minerals           6         □         Gas           1         Fresh         3         □         Sulphur         34           2         -         -         4         □         Minerals				17	2(-23 ZI		LUGGING Annular space		Abandonm	nent
25-28	□ Salty 6 □ Gas		Open hole Plastic			27-30	From 3 <sup>3</sup>	To Materi	ial and type (Ce	ement grout, be	entonite, etc.)
30-33	□ Salty 6 □ Gas		Steel 25 Galvanized Concrete Open hole		0	22	18-21		aul	Pal	.)
2 [	∃ Salty 6 □ Gas		Plastic						43F7/1		/
71 Pumping test m Pump 2	Bailer	О GPM	· ·	2Mins		In diagra	LOC# am below show (	ATION OF V		road and lo	ot line.
	end of pumping water levels of	· ^		Recovery			north by arrow.				N
If flowing give n	feet 7 feet	7 <sub>feet</sub>	7 feet	7 feet			~				
If flowing give rate     38-47     Pump intake set at GPM     Water at end of test     42       Recommended pump type     Recommended     Amount of test     Cloar     Cloady							$\sim$			$\sim$	Ł
Shallow	Deep pump setting		imp rate	5 <sub>GPM</sub>		Sublot	14		$\sim$		•
FINAL STATUS OF WELL 54 ' Water supply 5 Abandoned, insufficient supply 9 Unfinished						Well		60	'     <del>T</del>	Junrob	
<ul> <li><sup>2</sup> Observation</li> <li><sup>3</sup> Test hole</li> <li><sup>4</sup> Recharge</li> </ul>	on well 6 C Abandoned, p 7 C Abandoned (0	poor quality	<sup>10</sup> Continisted <sup>10</sup> C Replacem	ent well	/n	an An	1-1044		▶   ·	Subd	
	55-56		·		1 / I F	<b>L</b> U∃12	Т	-		Julia	1017104
<ul> <li>Domestic</li> <li>Stock</li> <li>Irrigation</li> <li>Industrial</li> </ul>	<ul> <li>Commercial</li> <li>Municipal</li> <li>Public supply</li> <li>Cooling &amp; air</li> </ul>		9 🔲 Not use 10 🔲 Other	المرقية			90	1 2 <sup>1</sup>			
					7		<u> </u>				₹
<ul> <li>Cable tool</li> <li>Rotary (cc</li> <li>Rotary (re</li> <li>Rotary (re</li> <li>Rotary (ai)</li> </ul>	onventional) <sup>6</sup> Depring everse) <sup>7</sup> Diamond		<ul> <li><sup>9</sup> Driving</li> <li><sup>10</sup> Digging</li> <li><sup>11</sup> Other</li> </ul>	- <sup>11</sup> 1	State	the	5 John	PKut		208	806
	9, Blenham,	MC.	Nell Contractor's	Licence No.		e	58 Contractor	<b>75</b>	Date rece		63-68 80 <b>999</b>
Boy 21	9, Pakenham,	Ont.	KOAZ	10	D Bate	of inspection	Ins	pector			
Name of Well Techn TET	ician Standar	V	Vell Technician's T-DO Submission date			arks			C	CSS.ES	đ
_ <u>pene</u>	INISTRY OF THE E			レ <sub>yr</sub> 74. DV	2	<u></u>				0506 (11/98	) Front Form

•	Ario Ministry of the Environment		•	The		iter Resources A WELL RECOR
Print only in space Mark correct box	ces provided. with a checkmark, where applica	ble. 11	153	0811	Municipality 15010	
County or District	A-CARLETON	Township/Borough/City		(Treps 100)	Con block tract	
Ut wilder		Address	in a l	ma Aul	Date compl	eted 03 09 99
21		Northing		Elevatión RC	Basin Code	day month year
······································		F OVERBURDEN AND BED		ALS (see instructio	ns)	
General colour	Most common material	Other materials		General c	description	Depth - feet From To
BROWN	Stab	CLAT				0 2
GREY	SAND	1814 Male				22 41
· · · ·						
	÷					
,					H	
31						
32 41 <b>WATE</b>				54 Sizes of op	Dening 31-33 Dia	meter 34 38 Length 39-40
Water found at - feet	Kind of water diam inches	Material Wall Material thickness inches	Depth - feet		-8 5	
	Fresh     3     Sulphur     14       1     Sulphur     14       3     Sulphur     14       1     Sulphur     14	1     12       2     Galvanized		Material ar		E Bepth at top of screen 41-42
*5-18 -	Fresh <sup>3</sup> Sulphur <sup>19</sup>	Concrete	+2 31		LUGGING & SEA	
20-25 1	Fresh 3 Sulphur 24	1 Galvanized		20.24 F	Annular space feet	Abandonment
25-26	Fresh <sup>3</sup> Sulphur <sup>29</sup>	<ul> <li>Concrete</li> <li>Open hole</li> <li>Plastic</li> </ul>	37 4		To Material and ty	pe (Cement grout, bentonite, etc.)
20.22	Salty         4         Minerals         24-25           Salty         6         Gas         24-25	<ul> <li>Steel</li> <li>Galvanized</li> <li>Concrete</li> </ul>		27-30 <b>T U</b> 18-21	2 <b>1702 1499 1</b>	gen .
2	] Fresh <sup>3</sup> [] Sulphur <sup>34</sup> [0 ] Salty <sub>6</sub> [] Gas	4 Open hole 5 Plastic		26-29	30-33 80	-
71 Pumping test m				LOCA	ATION OF WELL	
Static level W	/ater fevel 23 Water levels during 3	Pumping 2 🖸 Recovery		liagram below show cate north by arrow.		rom road and lot line.
ISE DIALIC REVENT OF A	22-24 15 minutes 30 minutes 29-3 20 20 20-28 70	<b>45 minutes</b> 32-34 <b>20 1</b> <b>20 20</b>				
NIL feet If flowing give ra	feet feet feet	et feet feet feet feet 42		1		
Recommended pu		<sup>5</sup> Recommended 46-49				
50-53	PDeep pump setting 30 fee	et pump rate 5-10 GPM	0	35~	~ /	hell
FINAL STATUS	25		Hus When Prin			1115 thos Ida
<ul> <li>Water supp</li> <li>Observatio</li> <li>3 I Test hole</li> </ul>	n well 6 I Abandoned, poor quality 7 I Abandoned (Other)	supply 5 🗌 Unfinished / <sup>10</sup> 🗋 Replacement well	38			TITS Thos. Lolar PKing.
4 🗌 Recharge v	-				TY	D. Y.
1       Domestic         2       Stock	55.56 <b>Commercial</b> <b>Municipal</b>	<ul> <li>9 D Not use</li> <li>10 Other</li> </ul>	.			and 1
<ul> <li>Irrigation</li> <li>Industrial</li> </ul>	7		4	''		
	CONSTRUCTION 57			11 Dun	robin RD	`
<sup>1</sup> Cable tool <sup>2</sup> Rotary (col <sup>3</sup> Rotary (rev	/erse) <sup>7</sup> Diamond	<ul> <li>9 Driving</li> <li>10 Digging</li> <li>11 Other</li> </ul>	n In	O	(19	
4 🔲 Rotary (air)				M		208811
Name of Well Contra	Actor	Well Contractor's Licence No.		58 Contractor		e received 63-68 30 DCT 1 9 1999
Address	) Delline Inc 9, Pakanhan, Or	4		ection Ins	spector	001 1 7 17 <b>77</b>
Name of Well Techni	7, raranon, Or <sup>cian</sup> L	Well Technician's Licence No.	Remarks			CSS.ES0
Signatury of Technici	ian/contras	Submission data	AL Remarks			
KU	Alter	De moy yr 49	Ī			0506 (11/09) Front Form (

Ontario Ministry of the	an a	Th	e Ontario Water	
Environment Print only in spaces provided.		4534003	Municipality Con	LL RECORD
Mark correct box with a checkmark, where applicable	<b>e.</b> <u>11</u>	1531603		22 23 24
County or District	Township/Borough/City/Tow	m/Village	Con block tract surve	y, etc. Lot 25-27
Owner's surname 26.47 First Name	Address Physics	Red ibroad	2 Date completed	BII Tão
	ting Northing	RC Elevation RC	Basin Code ii	day month year
		CK MATERIALS (see instructi	ons)	47
General colour Most common material	Other materials		description	Depth - feet From To
Ale And Al	1	1	- 00	
Spra Mad g d	landunnent	g Met ia	ll Alalt	# 59219
Parts the 12 als	Dr. a.t.	bol h.	Airon 1100	
aller of Colleg H	ely our	spice of		geop
The alle Longia	Du Ancha	Pres.		
Michael Caryo				
31				
$32 \left[ \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $				
41 WATER RECORD 51	CASING & OPEN HOLE RE	CORD Depth - feet	opening 31-33 Diameter	34-38 Length 39-40
tt - feet King of Water diaminches	Material thickness inches	From To Material	and type	Depth at top of screen 41-44 30
<sup>2</sup> Salty <sup>4</sup> Minerals <sup>1</sup> Salty <sup>4</sup> Gas <sup>1</sup> Salty <sup>1</sup> Salty <sup>1</sup> Salty <sup>19</sup>	2 Contvanized 3 Concrete 4 Open hon			teet
20-23	5 Plastic 1 Steel 19 2 Galvanized	20-23	PLUGGING & SEALING Annular space	Abandonment
2 Gas	<sup>3</sup> □ Concrete 4 □ Open bre	Depth set a From	t - feet To Material and type (Co	ement grout, bentonite, etc.)
2 Fresh 4 Minerais 2 Salty 6 Cas	5	27-30	<u>37                                     </u>	grait.
30-33 <sup>1</sup> □ Fresh <sup>3</sup> □ Sulptur <sup>34</sup> <sup>2</sup> □ Salty <sup>6</sup> □ Gas	<ul> <li><sup>3</sup> Concrete</li> <li><sup>4</sup> Open hole</li> <li><sup>5</sup> Plastic</li> </ul>	26-29	30-33 80	V
Pumping test method 10 Pumping rate 11-14	Duration of pumping 15-16 Hours Mins		CATION OF WELL	
1     Pump     2     Bailer     GPM       Static level     Water level     25     Water levels during     1	Pumpipe <sup>2</sup> Recovery		v distances of well from	road and lot line.
Static level end of pumping water levels during 19-21 22-24 similarity 26-28 30 minutes	45 minutes 32-34 60 minutes 35-37		notined_	LA W
19-21 22-24 Similar Size 30 minutes 30 minutes 19-21 19-21 22-24 Size 30 minutes 19-21 19-	feet feet Water at end of test 42	Printing of FC	loga >	
GDW feel GDW feel Recommended pump type Recommended 43-45	Clear Cloudy Recommended 46-49	Country have ES	Sild.)	
Shallow Deep pump setting feet	pump rate GPM	torcupine -		
FINAL STATUS OF WELL 54		/	ŧ	
1       Water supply       5       Abandoned, insufficient s         2       Observation well       6       Abandoned, poor quality         3       Test hole       7       Abandoned (Other)	upply <sup>9</sup> Unfinished <sup>10</sup> Replacement well			
Compare well     Compare well     Compare well     Compare well		man in all		
NATER USE         55-56           1         Domestic         5         Commercial           2         Stock         6         Municipal	9 Not use	TE		
<ul> <li>□ Irrigation</li> <li>7 □ Public supply</li> <li>4 □ Industrial</li> <li>8 □ Cooling &amp; air conditioning</li> </ul>		Pan, \$	· ] .	
		m-)-++ ~(	Salway.	
1       Cable tool       5       Air percussion         2       Rotary (conventional)       6       Boring         3       Rotary (reverse)       7       Demond	<sup>10</sup> Digging <sup>11</sup> Other	LAND THAT	J	221752
<sup>4</sup> 🗌 Rotary (air) 8 🔲 Jetting		mu + + +		
Name of Well Contractor	Well Contractor's Licence No.	Data 58 Contractor	<b>75</b> Date rece	2 0 1 2000 3-68 80
Address 1710 Dr. 1 Jon Manuel	nt unizio	Date of inspection	Inspector	
Name Well Technician	Well Technician's Licence No.			CSS Doo
Signature of Teophysian Contract	Segression date			CSS.ES0
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Ontario Ministry of the Environment	an a	The second se		er Resources Ac /ELL RECORD
Print only in spaces provided. Mark correct box with a checkmark, where applicable.	11	1531604	Municipality	
County or District	Township/Borough/City/To DEST CARLA Address 150 Sabula	MANILLARE (Harberton) Ottawo, Ont. KIS	Con block tract s	$\frac{1}{2}$
$\begin{bmatrix} 21 \\ 1 \\ 2 \end{bmatrix}$		$\begin{array}{c c} RC & Elevation & RC \\ \hline \\ 1 \\ 24 \\ 25 \\ 26 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 30 \\ 3$	Bàsin Code ii	
		OCK MATERIALS (see instructio		Depth - feet
General colour Most common material	Other materials	General	description	From To
BRIN SAN				17 74
PLY CLAY				74 71
				44
			, ,	
			pening 31-33 Diam	75 80 eter 34-38 Length 39-40
41         WATER RECORD         51         CA           Water found at - feet         Kind of water         Inside diam	SING & OPEN HOLE RI Wall Material thickness	Depth - feet	-40 5h	inches 4-38 Length 39-40
10-13 1 K Fresh 3 □ Sulphur 14 10-11 1 K Fresh 4 □ Minerals	Steel <sup>12</sup> Galvanized <b>//</b>	From To Material a		Depth at top of screen 30
15-18 1 Fresh 3 Sulphur 19	Concrete Open hole Plastic	2 0 5		
20-23 1 Fresh 3 Sulphur 24	Steel <sup>19</sup> Galvanized	20-23	PLUGGING & SEAL Annular space	Abandonment
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Concrete Open hole Plastic	Image: Second se	To Material and type	e (Cement grout, bentonite, etc.)
2 Galty 4 Gass 24-25 1 30 33 Gas 3	Steel <sup>26</sup> Galvanized Concrete	27-30	3 Holes	ha and
A D Salt 4 D Minerals 4 D	Open hole Plastic	26-29	30-33 80	74
71 Pumping test method 10 Pumping rate 0 11-14 Du	ration of pumping	LOC	ATION OF WELL	
Static level Water level 25 Water levels during 1	mping 2  Recovery	In diagram below show Indicate north by arrow	distances of well fro	om road and lot line.
List of pumping end of pumping 19-21 22-24 15 minutes 15 minutes feet 5 feet 5 feet 5 feet 1 flowing give rate 38-11 Pump intake set at 43-45 Pump	minutes 32-34 60 minutes 35-37	Sublot#12 T		Subdivision
If flowing give rate         ieet         feet         feet         feet         was	feet feet ter at end of test 42	Pan T+	5 Mar	3 Ja
Hecommended pump type I Hecommended	Clear Cloudy lecommended 46-49 ump rate	411-1044 1 //	Z LAKE	<pre>&gt;   ` ,</pre>
So 53 feet	10 10 GPM		لحر	3
FINAL STATUS OF WELL     54       1     Water supply     5       Abandoned, insufficient supply	<sup>9</sup> □ Linfinished	E		N N
Abandoned, poor quality     Abandoned (Other)     Abandoned (Other)     Becharge well     Becharge well     Becharge well     Construction	<sup>10</sup> Replacement well	ACC.	$\searrow$	
				Constance
Domestic 5 Commercial     Stock 6 Municipal     Irrigation 7 Public supply	9 🗋 Not use 10 🔲 Other			Creek Dr
4		1	<u> </u>	(
METHOD OF CONSTRUCTION 57	<sup>9</sup> Driving			1 (
Rotary (conventional)     G      Boring     Boring     Botary (reverse)     7     Diamond	<sup>10</sup> Digging <sup>11</sup> Other	This lole	1 PKu	, 221751
	AUER PACK)	Data "10 lo-to-to-to-to-to-to-to-to-to-to-to-to-to	59-62 Date	
Name of Well Contractor STANDON DRILLING INC Address A	Weil Contractor's Licence No.	Data 58 Contractor 488	<b>75</b> DI	EC 0 1 2000
Address - 17 th Conc. South, Box 249,	Rekenhan, cu	Date of inspection	aspector	
Name of Well Technician	Well Technician's Licence No.	Remarks		CSS.ES0
	Submission date	A Remarks		
propagalar av	uay III yr	L		0506 (11/98) Front Form 9

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Ministry of the

Environment

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The Ontario Water Resources Act WATER WELL RECORD

<sup>o</sup> rint only in spac Mark correct box	es provided. with a checkmark, who	ere applicable.		<u>11</u> 2	15	5316	92		Con Con IA IS	λ <b>Ν</b>	22 23 24
County or District			Township/E	Borough/City/	Fown/Village	9		Con bl	ock tract survey	, etc. Lo	ot 25.27
Ottava Ca	arleton		West Address	Carlet	<u>on - 1</u>	orbolto	n		4 Date		<b>1</b> 48-53
				9 Pake	nham,C			2 <b>X</b> O	completed 2	<b>4</b> day 11 n	nonth <b>Opa</b> r
21	U T			Northing	1.1.		ation RC	Basin Co			
1 2	M	10 12 LOG OF OV	TERBURDEN	AND BEDR		ERIALS (se	ee instruct	31 tions)	<u></u>		47
General colour	Most common ma	terial	Other	r materials			Gener	al description	1	Dept From	h - feet To
Brown	Sand									0	14
Gray	Clay									14	30
Gray	Sand, (	Clay	St	ones						30	39
Gray	Limesto	one					Med	lium		39	123
•				_							
					-						1
								<u> </u>			
31											
	4 15 21										75 80
Water found	ER RECORD Kind of water	Inside	ASING & OP	Wall thickness	RECORD Depth	- feet		of opening lo.)	31-33 Diameter	<sup>34-38</sup> Leng	gth <sup>39-40</sup> feet
at - feet	Fresh 3 Sulphur 14	diam inches 6 11/4 1	Material X Steel <sup>12</sup>	•188	From	To 4435	(Slot N B B B B B B B B B B B B B B B B B B B	al and type		Depth at top	
120 N	Salty Salty Salty Salty Suppose Suppose Suppose Suppose Suppose Suppose Suppose Suppose Suppose Salty	2 [ 3 [	Galvanized Concrete		-		S				feet
, i i i i i i i i i i i i i i i i i i i	☐ Flesh 4  ☐ Minerals ☐ Salty <sub>6</sub> ☐ Gas	5 [ 17-18 1 [	☐ Plastic ☐ Steel <sup>19</sup>			20-23	61	PLUGGII	NG & SEALING	Abandonn	
	☐ Fresh 3 ☐ Sulphur 24 4 ☐ Minerals ☐ Salty 6 □ Gas	2 [	Galvanized Concrete Open hole		44.5	123	Depth set From	t at - feet	laterial and type (Ce		
	Fresh 3 Sulphur 29	5	Plastic     Steel <sup>26</sup>			27-30	<b>4</b> 3 <sup>13</sup>	14.17	Grouted -	Bento	nite (4
	□ Salty 6 □ Gas □ Fresh 3 □ Sulphur 34	- 2 [ 60 3 [	Galvanized				18-21 26-29	22-25 30-33 80	1	Cement	t (13)
2 [	∃ Salty 6 □ Gas	4	Open hole Plastic				20-29	30-33 00			
71 Pumping test n		te 11-14 [ 7 GPM	Duration of pumpin 3 Hours	19 17-18 Mins			LC	OCATION (	OF WELL		
Chatia Jawal	Mater level 25	<u> </u>					n below she orth by arro		es of well from r	bad and io	t line.
19-21 19-21 19-21 19-21 19-21 19-21 If flowing give r	22-24 15 minutes 26-24	30 minutes 4	5 minutes 32-34	60 minutes 35-37		T		T			
SN 3 feet	8 feet 5 fee rate 38-41 Pump intake		7 feet Vater at end of test	7 feet			<b>NN</b>	ł		I	+
If flowing give r	GPM	feet	🗋 Clear	Cloudy 46-49		7 * *	itles: Int t com	ront			23
Recommended p	Pump type Recommend pump setting		Recommended pump rate	5 дрм		1 Right	7 com	er			Ą
50-53						1		1	Duri	$\sim$	門
FINAL STATU	pply <sup>5</sup> 🗌 Abando	ned, insufficient supp				1 he	7#1	E.	000	~````	g
<ul> <li><sup>2</sup> Observati</li> <li><sup>3</sup> Test hole</li> <li><sup>4</sup> Recharge</li> </ul>	7 🗌 Abando		<sup>10</sup> 🖾 Replaced	ment wen		1		1		_c+c )	A
WATER USE	55-56					1				weise	7
1 Dornestic 2 Stock	6 🗂 Municip	al	9 🗂 Not use 10 🔲 Other						~	Y	Å
3 🗌 Irrigation 4 🗋 Industrial	7  Public s 8  Cooling	upply & air conditioning									<u>,</u> A
	CONSTRUCTION 57										η
<ul> <li><sup>1</sup> X Cable too</li> <li><sup>2</sup> Rotary (call</li> <li><sup>3</sup> Rotary (red)</li> </ul>	onventional) 6 🗌 Boring		<sup>9</sup> Driving <sup>10</sup> Digging <sup>11</sup> Other			·	Xe			004	740
4 👷 Rotary (a					$\checkmark$	<u>ہ</u>	~`			224	119
Name of Well Cont	ractor		Well Contractor	's Licence No.			58 Contracto	2 2 0	59-62 Date rece		63-68 80
Capital Address	Water Supply	Ltd.	1558	8		of inspection		558	JAN	302	UUI
P.O. Box	490 Stittsv	ille,Onta	rio K2S	1A6							
Name of Well Tech S. Mille	er / P. Stanto	n	Well Technician		AT SINIM	narks				С	SS.ES1
Signature of Jechn	icium/Contractor		Submission dat day29 mo	ie	WINK						
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Signature of Vechnician/Contractor	Submission of
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🕅 Ontario	Ministry of the Environment		Th	e Ontario Water Resources Act WATER WELL RECORD
Print only in spaces provide Mark correct box with a che	eckmark, where applicable		1532737	
County or District	( ARLETAI	Township/Borough/City/To	wn/Village	Con block tract survey, etc. Lot
		Address	rnbank, St	HISVILL Date 15 05 2003 month year
21		ONTAR	RC Elevation RC	Basin Code in in in in
s 2	LOG OF O		OCK MATERIALS (see instruct	ions) Depth - feet
General colour Mos	st common material	Other materials	Genera	al description From To
IM	the Te	ct 42	Deep wit	Th 20' CASSING
		5/ / -		
		بو م		
	1 1 1 1 1 1			
			╵└ <u>╷╵┖╷╷╵╵</u> ╵╷╷╷╷╷╷╷╷╷╷╷╷	
41 WATER RECO	Inside	CASING & OPEN HOLE R	ECORD Depth - feet	o,) 31-33 Diameter 34-38 Length 39-40
at - feet	Sulphur 14 10-11	Material thickness inches	Depth - feet     Image: Constraint of the sector of the sect	al and type Depth at top of screen 30
15-18 1 <b>Graph</b> 3	☐ Gas ☐ Sulphur <sup>19</sup>	Galvanized Concrete	[w]	* feet
2 Salty 6	Gas 17:18	Plastic     9     Steel     Galvanized		PLUGGING & SEALING RECORD
2 🖸 Salty 6	Gas	3 □ Concrete 4 □ Open hole 5 □ Plastic	Depth set From	To Material and type (Cement grout, bentonite, etc.)
2 Satty 6	□ Minerals 24-25 □ Gas	1 □ Steel 26 2 □ Galvanized 3 □ Concrete	27-30	22-25
<sup>1</sup> <b>Fresh</b> <sup>4</sup> <sup>2</sup> <b>Salty</b> <sup>5</sup>		Concrete     Open hole     Den hole     Plastic	26-29	30.33 80
71 Pumping test method	<sup>0</sup> Pumping rate GPM	Duration of pumping 15-16 Hours		DCATION OF WELL
Static level Water level	ng   -	Pumping <sup>2</sup> Recovery	In diagram below sho Indicate north by arro	ow distances of well from road and lot line. ow.
The set of	$\begin{array}{c c} & & \\ & 15 \text{ minutes} \\ & & 26 \cdot 28 \end{array}  \begin{array}{c} 30 \text{ minutes} \\ & & 29 \cdot 31 \end{array}$	$\begin{array}{c c} 45 \text{ minutes}_{32\cdot34} & 60 \text{ minutes}_{35\cdot37} \\ \hline 2 & \text{feet} & 2 & \text{feet} \end{array}$		
Image: Second state         feet         feet         feet         second state	Pump intake set at	Water at end of test 42		
Recommended pump type	Recommended 43-45 pump setting	Recommended 46-49 pump rate GPM	North	32
50-53	30	10	Dun Rot	TTO RD +
FINAL STATUS OF WEI	<ul> <li><sup>5</sup> Abandoned, insufficient su</li> <li><sup>6</sup> Abandoned, poor quality</li> </ul>	upply <sup>9</sup> Unfinished <sup>10</sup> Replacement well	166 FASShoPZ	
<ul> <li><sup>3</sup>          Test hole     </li> <li><sup>4</sup>          Recharge well     </li> </ul>	<ul> <li>Abandoned (Other)</li> <li>Dewatering</li> </ul>		16657727101781	
WATER USE	55-56 5 Commercial	9 🗌 Not use		0
<ul> <li><sup>2</sup> Stock</li> <li><sup>3</sup> Irrigation</li> <li><sup>4</sup> Industrial</li> </ul>	<ul> <li>Municipal</li> <li>Public supply</li> <li>Cooling &amp; air conditioning</li> </ul>	, _		000
METHOD OF CONSTR				Dretupin
<ul> <li>Cable tool</li> <li>Rotary (conventional)</li> <li>Rotary (reverse)</li> </ul>	7 Diamond	<ul> <li><sup>9</sup> Driving</li> <li><sup>10</sup> Digging</li> <li><sup>11</sup> Other</li> </ul>		012020
<sup>4</sup> □ Rotary (air)	<sup>8</sup> Jetting			r 213928
Name of Well Contractor	invikLEASillis	Well Contractor's Licence No.	Data 58 Contractor	<b>007</b> <sup>53-62</sup> <b>Date received 63-68 AU</b> <b>MAY 2 8 2002</b>
Address RRICHAPF	AUQUEBEC	JOX/MU	O Date of inspection	Inspector
Name of Well Technician	AINVILLE.	Well Technician's Licence No.	≿ Remarks	CSS.ES2
Signature of Technician/Contrac	ctor	Submission date Submission dat	MINISTR	000.002
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😵 Ont	ario Ministry of the Environ	ment					er Resources Act ELL RECORD
Print only in spa Mark correct box			11	15327	744		
County or Distric	A-CARLER	First Name	Township/Borough/Ci	ty/Town/Village	etas	Con block tract su	Irvey, etc. Lot 25-27
Hick	VG CORP.	Zone Easting	150/sabe	lla & Of	and, O	Basin Code ii	ted day month year
21	U T M					31	
General colour	Most common ma		Other materials		General de		Depth - feet From To
he	ter well	necea	# 2411	70 Losin	ed to	Veifa	OB
al	a la contra	ton	with Tay	14551			
	manne	7 9 4	usig @ q	XIJJ C	una l	097	
Chit	el duille	2907/0	o by JR,	RHUNG)			
31							
			ASING & OPEN HOLE			ening 31-33 Diam	til 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Water found at - Yeet	Kind of water	Inside diam inches	Material Wall thickness inches	Depth - feet From To			Depth at top of screen 30
2 [	Fresh 3 Suphur 14 Salty 6 Gas		Steel <sup>12</sup> Galvanized Concrete	-7 33	S Material and	T (JAC	41-44
20-23	Salt 6 Gas	17-18 1	Open hole       Plastic       Steel       19       Columniation	20-23		UGGING & SEAL	ING RECORD Abandonment
05.00	Salty 4 Gas		] Galvanized ] Concrete Open hole ] Plastic	33 155	Depth set at - f From T	eet Material and type	e (Cement grout, bentonite, etc.)
2 [	□ Salty 6 □ Gas □ Freeb 3 □ Sulphur 34	60 ÷	] Steel <sup>26</sup> ] Galvanized ] Concrete	27-30	18-21		the
2 [	□ Salty 6 □ Gas	5	] Open hole ] Plastic		26-29	30-33 80 1 7	
71 Pumping test n	Bailer		uration of pumping 15-16 Hours Mins	In diagra	m below show d	TION OF WELL listances of well fro	m road and lot line.
	and or pumping Water lev 22* 15 minutes 26-28	•	2     Recovery       5 minutes     60 minutes       32-34     50 minutes		north by arrow.	n ha	
SNI feet If flowing give r	feet feet feet feet feet feet feet feet		feet feet feet 42		ere Gree		Y M
	Deep Recommender	F	Clear Cloudy Recommended 46-49 pump rate	1 5		$\equiv$	×
50-53		feet	GPM	9	- /ot#:	3 ///	Hay 3
FINAL STATU <sup>1</sup> Water sup <sup>2</sup> Observati	oply <sup>5</sup> Abandon ion well <b>§</b> Abandon	ed, insufficient supply ed, poor quality	<ul> <li><sup>9</sup> Unfinished</li> <li><sup>10</sup> Replacement well</li> </ul>		A Laka	$\sim 11$	
<sup>3</sup> ☐ Test hole <sup>4</sup> ☐ Recharge	well Dewateri		ny lot location	I Dunio	lun hale.	> ) \\	
VATER USE 1 Domestic 2 Stock	55-56 5 Commer 6 Municipa 7 Public su	1	9 1 Not use 10 1 Other	July July	norsa		
3 🗌 Irrigation 4 🗍 Industrial	8 🗋 Cooling 8	k air conditioning	; 		$\sim$		3 A
<ol> <li>Cable too</li> <li>Rotary (columnation)</li> </ol>	onventional) <sup>6</sup> D Boring		<sup>9</sup> Driving <sup>10</sup> Digging	# Refer to	MOE # Z	(1951	rth
<sup>3</sup> □ Rotary (re <sup>4</sup> □ Rotary (ai			11 D Other	# Refer to	/ well de	eka	241190
Name of Well Com	DO DEILLIN	6 / R	Well Contractor's Lisence No	Data source Date of inspection	58 Contractor	7 5 <sup>59-62</sup> Date	received 1 6 2002 63-68 80
Box 2		nom, C			Ins	pector	
Name of Well Tech	Skorton	4	Well Technicianis Repris No	D. ALLS	<b>.</b>	C	SS.ES2
Signature		$\sim$	subrates of the states of the				0506 (07/00) Front Form :

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Print only in spa Mark correct bo	aces provided. x with a checkmark, where applicable	a. [11]	1533314		
County or Distric	A-CARLETON	Township/Borough/City/ WEST CARC Address	Town Village	En Courtes	ate day month year
		Northing	RC Elevation	render i je se e t	ii iii iv
	м 10 L	17 18	24 25 26		47
			ROCK MATERIALS (see		Depth - feet
General colour	Most common material	Other materials		General description	From To
GKCI	CUTY				016
BULE	Cant				10 GF
GKEY	STARS.			····	64 41
	and the second				
31					
				Sizes of opening 31-33	
Water found at - feet	Kind of water Inside diam	Wall Material thickness	Depth - feet	(Slot No.)	SIM A.
10-13		1 Steel 12	From To 13-16	Material and type	pe. Depth at top of screen 41-44 37 feet
	□ Fresh <sup>3</sup> □ Sulphur <sup>19</sup>	2 Galvanized 3 Concrete 4 Open hole	16 37. 1	pumes, mane	feet
20.22		5 Plastic		1 PLUGGING & S	Abandonment
1 1	□ Fresh 3 □ Sulphul 24 □ Salty 4 □ Minerals □ Salty 6 □ Gas	Concrete     Z Open hole     Plastic	37 H .	Depth set at - feet         Material a           From         To	nd type (Cement grout, bentonite, etc.)
	□ Salty 6 □ Coo	1 🗌 Steel 26	27-30	18-21 22-25 <b>1</b>	Augor 4
	□ Fresh <sup>3</sup> □ Sulphur <sup>34</sup> <sup>60</sup>	<ul> <li>2 Galvanized</li> <li>3 Concrete</li> <li>4 Open hole</li> </ul>		26-29 30-33 80	suny.
£	⊔ Santy <sub>6</sub> ⊡ Gas	5 🗌 Plastic			
71 Pumping test	Bailer D GPM	Duration of pumping 15-16 Hours Mins			
L. I STATIC LEVEL	Water level end of pumping 25 Water levels during 1	Pumping 2 Recovery	Indiagram be Indicate north	elow show distances of want of a strong of the strow.	and lot line.
If flowing give	15 minutes 22-24 15 minutes 26-28 29-31 29-31	45 minutes 32-34 60 minutes 35-37	4		<b>K</b> .
If flowing give	rate 38-41 Pump intake set at	feet         feet           Water at end of test         42			M-8 27
Recommended		Clear Cloudy Recommended 46-49	Duntotin	2d ~ 10C#9	
□ Shallow	Deep pump setting 35 feet	pump rate B GPM			
FINAL STATU			1.	7	1 7 1
Water su Observa	upply <sup>5</sup> □ Ablandoned, insufficient su           tition well <sup>6</sup> □ Abandoned, poor quality	pply <sup>9</sup> Unfinished <sup>10</sup> Replacement well	T	10000	=
<ul> <li><sup>3</sup>          Test hole</li> <li><sup>4</sup>         Recharge</li> </ul>			1 Kat	APAGA	
WATER USE				* 2825 Dur	RU
Domestie     Domestie     Stock     Irrigation		9 🖸 Not use 10 🔲 Other		- <b>Y</b>	
4 🗌 Industria	al 8 🗌 Cooling & air conditioning		· · ·		
METHOD OF	CONSTRUCTION 57	9 🗋 Driving		· 15k	M. W
Rotary (0 3  Botary (1	conventional) <sup>6</sup>	10 Diğğing 11 Dother			241210
4 🗌 Rotary (a				t.	241210
Name of Well Can	Ton DRILLING INC.	Well Contractor's Licence No.	Data 58 source	<sup>Contractor</sup> 875	Date received 63-68 80 NOV 0 4 2002
Addie	17 Pollenham 1	Intonia.	Date of inspection	Inspector	
Name of Well, Tech		Well Technician's Licence No.			
Signature of Top		Submission date	Remarks	1	CSS.ES2
Tell	Succes	Submission date			

Submission date

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Ontario Ministry of the Environment		The	Ontario Water Reso WATER WELL R	
Print only in spaces provided. Mark correct box with a checkmark, where applicat	ble. [11]	1533930		
County or District	Township/Borough/City/		Con block tract survey, etc.	Lot 25-27
21	107 Calud Northing	RC Elevation RC	Basin Code ii iii	
1 2 M 10 12		OCK MATERIALS (see instruction		A7 Depth - feet
General colour Most common material	Other materials	General	description From	
Welle well wear	Typheis).	ucify poper	stædref 0	128
	$\checkmark$			
31     1     1     1     1     1       32     1     1     1     1     1     1       10     14     15     21     1       41     WATER RECORD     51			1	
Water found Kind of water Inside diam inches	Material Wall thickness inches	Depth - feet	inches	feet t top of screen 30 41-44
2 Salty 4 Wineraw 6 Gage	11 Steel <sup>12</sup> 2° Galvanized 3 Concrete 4 Open hole ₅ Plastic	0 128	PLUGGING & SEALING RECO	teat
20-23 1 Cas 3 Sulphur 24 2 - 23 2 -	1         Steel         19           2         Galvanized           3         Concrete           4         Open hole           5         Plastic	20-23 Depth set a From	Annular space Abane t - feet Material and type (Cement gro	donment
25-25 1 □ Fresh 4 0 Minerals 2 □ Salty 6 □ Gas 30-33 1 □ Fresh 3 □ Sumpur 34 2 □ Salty 6 □ Gas 2 □ Salty 6 □ Gas		27-30 26-29	22.25 30-33 80	Del [84")
71 Pumping test method 10 Pumping rate 11-1 1 Poreg 2 Bailer GPM			CATION OF WELL	••••••••••••••••••••••
Static level end of peoping 25 Water levels during 19-21 22-24 15 minutes 26-28 30 minutes	Pumping         2         Recovery           45 minutes         60 minutes <sup>3</sup> / <sub>35-37</sub>	In diagram below show Indicate north by arrow	v distances of well from road and /.	d lot line.
If flowing give rate 38:41 Pump Intake set at	bet feet feet feet 42		M.	
Recommended pupp type     Recommended     Pupp setting     fe	et     Clear     Cloudy       45     Recommended     46-49       pump rate     GPM	nocity of	- t2m	
FINAL STATUS OF WELL 54	supply <sup>9</sup> 🗍 Unfinished	Ø		
<ul> <li>Cobservation well</li> <li>Test hole</li> <li>Recharge well</li> <li>Abandoned (Other)</li> <li>Dewatering</li> </ul>	y 10 🗌 Replacement well	Cases Cicehlane	Abandord	QT.
WATER USE     55-56       1     Domestic     5       2     Stock     6       3     Irrigation     7       4     Industrial     8     Cooling & air conditioning	Not use Other	2	#107 Galazy.	1
METHOD OF CONSTRUCTION       57         1       Cable tool       5       Air percussion         2       Rotary (conventional)       6       Boring         3       Rotary (reverse)       7       Diamond         4       Rotary (air)       8       Jetting	<sup>9</sup> Driving <sup>10</sup> Digging <sup>11</sup> Other		<u>ل</u> 24	1228
Name of Well Contractor SPILLING INC	Well Contractor's Licence No.		59-62 Date received	63-68 80
Namo of Well Technician	Well Technician's Licepce No.	CSE	Inspector	<u></u>
Signature of Themis Recommendation	Submission dates	Remarks	• • • • • • • • • • • • • • • • • • •	S.ES3

<sup>0506 (07/00)</sup> Front Form

😵 Ontario	Ministry of the Environment	Well Tag Number	a ccates t	Well Record Regulation 903 Ontario Water Resources Act
Instructions for Complet	ing Form	Well They me	A-00\$061	page 🖊 of 🖊

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- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form. Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203. All metre measurements shall be reported to 1/10<sup>th</sup> of a metre. •
- Φ
- Ф
- Please print clearly in blue or black ink only. 0

Ministry Use Only

Address of Well	Location (Co	unty/Dis	trict/Mu	inicipality)		Towr		hdest Car	keden)	Lot	Concessio	<u> </u>
RR#/Street Num	ber/Name	The	5. A.	Dolan	A Step		ty/Town/Village	is, on	Site/C	compartment/l	Block/Tract e	.tc.
GPS Reading	NAD 8 3	Zone	Easti 4-/	9872	Northing		nit Make/Model	Mode of Op	eration:	Undifferentiated,	**	raged
Log of Overb	ourden and	Bedro	ock M	aterials (	see instruct						1	e R
General Colour	Most com	mon mat	erial		Other Materials	\$		General Desc	ription		Depth From	Metres
BRANER	F 5	加山		5/2	7						0	\$5
GEET	St	a.A.									55	15.5
GREY	5 M.)	)		TINE	CAPPLE	)) 1889-					15x 5	12.5
CRE7	KINES	ZAE									18 mater	
				n.							:	
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							-		·····			

Hole Diameter		Cons	truction Red	cord	terre e	Tes	t of V	Vell.Yield		
Depth Metres Diameter	Inside		Wall	Depth	Metres	Pumping test method		aw Down		ecovery
From To Centimetres	diam	Material	thickness centimetres	From	То	TEIMP	Time min	Water Level Metres	Time min	Water Leve Metres
0 6.8 75.4			Casing				Static	1.84		
6.8 16,8 16,8		Steel Fibreglass		A. 1949 ANI	t anno all <sup>e</sup>	Pumping rate -	Level 1	3.54	1	3.03
Water Record	15.88	Plastic Concrete	0.98	+056		(litres/min) 55 Duration of pumping	2	<i>a.</i>	2	2.45
Ater found Metres Kind of Water		Galvanized Steel Fibreglass							<u> </u>	
Bulgm Fresh Sulphur		Plastic Concrete				Final water level end of pumping the metres		4.87	3	7. P2.
Gas Salty Minerals Other: Just Electron		Galvanized	19 - 19 - 19 - 19 - 19 - 19 - 19 - 19 -			Recommended pump	4	5.01	4	1.97.
m Fresh Sulphur Gas Salty Minerals		Plastic Concrete				Shallow Deep Recommended pump	5	5-09	5	1092
Other:		Galvanized		<u> </u>		depth /?. Zmetres				
m Fresh Sulphur Gas Salty Minerals	Outside		Screen	******	****	Recommanded pump rate. (litres/min)	10 15	2-16 5=17	10 15	1.85
Other:	diam	Steel Fibreglass	Slot No.	of San Cars	12.58	If flowing give rate -	20	5.10	20	1.84
fter, test of well yield, water was	K-O	Plastic Concrete			or Channelle Canaar	(litres/min)	25	18	25	······································
Clear and sediment free						If pumping discontin- ued, give reason.	30	<i>It</i>	30	
Other, specify		No C	asing or Sc	reen		- Ulst.	40 50	5.23	40 50	
hlorinated 🕂 Yes 📃 No		Open hole					60	And the second	60	
		rd Annula lurry, neat cement slurry	) etc. Volu (cut	Abandonment me Placed pic metres)	In diagram belo Indicate north b	Location c ow show distances of well fre by arrow.			and bu	
From Io		lurry, neat cement slurry	) etc. Volu (cub	me Placed		ow show distances of well fro	om roa		and bu	
From To Material and ty	Hethod of C	lurry, neat cement slurry	) etc. Volu (cub	me Placed bic metres)		ow show distances of well fro	om roa	ad, lot line, a	and bu	ilding.
From To Material and ty O G,B HEAG	Method of C (air)	Construction		me Placed bic metres)		ow show distances of well fro	om roa	ad, lot line, a	and bu	Lan Princ 1
From To Material and ty O G.B HEAG	Method of C (air) cussion	Construction		me Placed bic metres)		ow show distances of well fro	om roa	ad, lot line, a	and bu	Lan Princ 1
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From To Material and ty Cable Tool Rotary (conventional) Rotary (reverse) Domestic Industr	Method of C (air) cussion Wate ial ercial pal	Construction		me Placed ic metres)	Indicate north t	by show distances of well from by arrow.		ad. lot line, a		
From       To       Material and ty         O       G.B       Heady         Cable Tool       Rotary         Rotary (conventional)       Air per         Rotary (reverse)       Boring         Domestic       Industr         Stock       Comme         Irrigation       Municip	Method of C (air) cussion Wate ial ercial pal Final Stat	Iurry, neat cement slurry	) etc. Volu (cut v. cut v. cut	me Placed ic metres)	Indicate north t	by show distances of well from by arrow.		ad. lot line, a		1 1 A Lan Prus
From       To       Material and ty         O       G       Helly         Cable Tool       Rotary         Rotary (conventional)       Air per         Boring       Boring         Domestic       Industr         Stock       Comme         Irrigation       Municip         Water Supply       Recharge w	Method of C (air) cussion Wate ial ercial bal Final Stat	Construction  Construction  Diamond  Jetting  Driving  r Use  Public Supp  Not used  Cooling & ai  us of Well  Unfinished	) etc. Volu (cut v. cut v. cut	me Placed ic metres)	Indicate north t	by show distances of well from a row.		ad. lot line, a		Len Prus
From       To       Material and ty         O       Gold       Heady         O       Gold       Heady         O       Gold       Heady         O       Gold       Heady         Cable Tool       Rotary         Rotary (conventional)       Air per         Rotary (reverse)       Boring         Domestic       Industr         Stock       Comme         Irrigation       Municip         Water Supply       Recharge w         Observation well       Abandoned         Test Hole       Abandoned	Method of C (air) cussion Wate ial ercial bal Final Stat rell , insufficient su poor quality	Iurry, neat cement slurry         Iurry, neat cement slurry, neat cem	) etc. Volu (cut (cut (cut (cut (cut (cut (cut (cu	me Placed ic metres)	Indicate north the second seco	by show distances of well from by arrow.	e Well	ad. lot line, a		1 1 A Lan Prus
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From       To       Material and ty         From       To       Material and ty         Q       Q       Q       Q         Q       Q       Q       Q         Q       Q       Q       Q         Q       Q       Q       Q         Cable Tool       Rotary       Rotary         Rotary (conventional)       Air per         Rotary (reverse)       Boring         Domestic       Industr         Stock       Comme         Irrigation       Municip         Water Supply       Recharge w         Observation well       Abandoned         Test Hole       Abandoned         Well Contractor       RLUA         usiness Address (street name, num         ame of Well Technician (last name, num	Method of C (air) cussion Wate ial ercial bal Final Stat rell , insufficient su poor quality tractor/Tec Der, city etc.) 2 first name)	Iurry, neat cement slurry	ir conditioning	me Placed ic metres)	Indicate north the second seco	w show distances of well from by arrow.	e Well e Onlintracto e of Inc	ad. lot line, a		MM DD
From       To       Material and ty         Prom       To       Material and ty         O       G       Here         O       G       Here         Cable       Ool       Rotary         Cable Tool       Rotary       Rotary         Rotary (conventional)       Air per         Rotary (reverse)       Boring         Domestic       Industr         Stock       Comme         Irrigation       Municip         Water Supply       Recharge w         Observation well       Abandoned         Test       Hole       Abandoned         Well Contractor       Well Contractor	Method of C (air) cussion Wate ial ercial bal Final Stat rell , insufficient su poor quality tractor/Tec Der, city etc.) 2 first name)	Iurry, neat cement slurry	ir conditioning	me Placed ic metres)	Indicate north the second seco	w show distances of well from by arrow.	e Well e Well e Onl htracto e of In	ad. lot line, a	8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	

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	ell Location (Co	unty/District/Mu	nicipality)		wnship		<u></u>	Lot	Concession	
Ottawa O RR#/Street	arleton lumber/Name				City/Town/	leton - T	orbolton	1 Compartment/E		3
1151 The	mas A. Dol	an Parkwa	<b>y</b>	· · · · · · · · · · · · · · · · · · ·		Dunrobin		ompartment/c	NOCK/ I FACE E	tC.
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Log of Ov		Bedrock Ma	terials (see ins	<u>30 36 3</u> tructions)	Germin		( <u> </u>	Differentiated,	specity	
General Colo	ur Most comm	non material	Other M	aterials		Gener	ral Description		Depth	Metres
Brown	Sand					Dry			From O	To
Brown	Clay					Pac				.91
Gray	Clay		· · · · · · · · · · · · · · · · · · ·						.91	2.43
Gray	-	& Gravel				Wet			2.43	
v.aj	0.166	a uravel						1779-50 (11 list for a sec	11.58	22,86
· ·										
			· · ·				89.118.07.18.19.19.19.19.19.19.19.19.19.19.19.19.19.	1.		
						9919984444				
Hole	Diameter		Cons	struction Rec	ord		]	Test of Well	Yield	<u> </u>
	Metres Diamet	Inside		Wall	Depth	Metres	Pumping test me	thod Draw	Down F	Recovery
From	To Centimet	Contimotroe	Material	thickness centimetres	From	То	submersib	Time Wa	ter Level Time letres min	Water Level Metres
0 1	22.7	5				10	Pump intake set	at - Static		Wetres
11.58 2	2.86 15.4		Steel Fibreglass	Casing			(metres) 15 Pumping rate -			
			Plastic Concrete	0.48	+ 0.45	21.64	(litres/min) 18	2 - 4	<b>05</b> 1	4.01
	er Record		Galvanized				Duration of pump	~	2	
Water found atMetres	Kind of Water	L	Steel Fibreglass				Final water level	end a		
<b>22,65</b> Gas	│Fresh│		Plastic Concrete	· .			of pumping 5		3	
Other: no	t tested		Steel Fibreglass	·····			Recommended p	ump 4	4	
Gas	Fresh Sulph		Plastic Concrete				Recommended p		5	
Other:	· · · · · · · · ·		Galvanized				depth. 15.23		5	
	Fresh Sulph			Screen			Recommended p	· · · · · · · · · · · · · · · · · · ·	10	
Gas Other:	Salty Miner	als Outside diam	Steel Fibreglass	Slot No.			rate. (Intres/min) If flowing give rat	15 e-20	<u> </u>	·
alarman (	ll yield, water was		Plastic Concrete				(litres/min)	25	25	
Clear and s		15.23		10	21,64	22.86	If pumping discont ued, give reason.		30	
	,iiy			asing or Scr	een			40	40 50	
Chlorinated	🖍 es 🗌 No		Open hole					60 5.		· · ·
		Sealing Recor	d 🗙 Annula	r space 🔲 Al	andonment	[	Locat	ion of Well		
Depth set at - N From	Naterial and	type (bentonite slu	irry, neat cement slurry		e Placed metres)	In diagram below Indicate north by	w show distances of	well from road, I	ot line, and bu	ilding.
11.58		d - Bente	mite Slurry	·····	3m3	incloate north by	, unow.			
							,	2	1	
							C.C. PAR	y west	1	8
	×-					#		<b>?</b>	1	.g
			:						1	8
		Method of Co				H H	1			g
Cable Tool	entional)	ry (air) ercussion	Diamond	· ·	Digging Other	1	¥151		1	Â
Rotary (reve		ng	Driving						1	<u></u>
		Water				H H	Thomas	A.Dob	in Part	way
Domestic Stock	☐ Indu: ☐ Com		Public Supp	y	Other	H	110110-5			
Irrigation	Muni	cipal	Cooling & ai	r conditioning		Audit No. 7	12725	Date Well Con	npleted YYYY	MM DD
Water Supp	v Recharge	Final Statu	s of Well	Aberd-	ned, (Other)	Mag that will be		Date Delivered	2004	8 9
Observation	well 🔲 Abandon	ed, insufficient sup			ieu, (Utner)	Was the well ov package delivere	vner's information	1	2004	MM DD
Test Hole		ed, poor quality	Replacemen	· · · · · · · · · · · · · · · · · · ·			Ministr	Use Only	I	
Name of Well C		ontractor/Tech	nician Informatio	<b>n</b> Il Contractor's L	cence No.	Data Source	ministry	Contractor	1 -	
Capital W	ater Suppl	y Ltd.		1558			\$1.		155	8
	ss (street name, nu	,	Baula PAR 4	46		Date Received	1 Y 2004 DD	Date of Inspect	ion <sub>YYYY</sub> -	MM DD
	490 Stitt echnician (last nam			16 Il Technician's L	icence No.	Remarks		Well Record N	umber	
Miller: Signature of Ta	tephen/Sta	nton, Pete	r TOO	97/T0086 Submitted					•	
x Sell	smor	ml.		2004			<u> </u>	1	5349	71
0506E (09/03)		Contra	actor's Copy 📋 Mi	nistry's Copy [		er's Copy 📋	Ce	tte formule es	disponible e	en français

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<b>(()</b>	Intario	Ministry of	Well Tag Number (Pla		int number below)	- 1	Well I	Record
		the Environment	Hoaz		2	Regulation 903	Ontario Water Re	
	ons for Comp			23105				e of
<ul> <li>All Se</li> </ul>	c <b>t</b> ions <b>must</b> be	nce of Ontario only. This completed in full to avo	id delays in processir	ng. Further i	instructions an	d explanations are ava	ailable on the back (	of this form.
• Ali me	etre measuren	completing this applicati nents shall be reported			Well Manager			
Please	e print clearly ir	n blue or black ink only.				Ministry Use	e Only	
· • •								
Address of V	Well Location (Co	uhty/District/Municipality)		wnship		Lot	Concessio	<u>n</u>
OTT	AWA - C Number/Name	ARLETON		City/Town/V	OLTON	J	Intment/Block/Tract	
#11	$d \eta \eta \eta$	HomAs A Do	LAN YARKUY	<del>19</del>	DUNKOK	SIN -		
GPS Readi	8 3	18 422291	5030463	Uniit Make/M			ifferentiated	eraged
Log of O		d Bedrock Materials ( mon material	See Instructions)	 	Genera	al Description	Depth	Metres
							From	<b>914</b>
0 0	SANDA	GRAVEL				-	9.14	22,85
BLAG		ESTONE					23,85	36,51
* *			· · · · · · · · · · · · · · · · · · ·					
							-	J.
	le Diameter							
Depth	Metres Diameter	eter Inside	Construction Reco	Depth	Metres	Pumping test method	t of Well Yield Draw Down	Recovery
From	To Centime	etres diam Mate		From	То	Sublump	Time Water Level Tim min Metres mi	ne Water Level n Metres
	3657 15.3		Casing			Dumm intelles ant at in	Static 3.71	378
			Fibreglass			Pumping rate - (litres/min)	1 4.65 1	3.87
Wa	ater Record			0	23.77	Duration of pumping	24.66 2	3.78
Water found at Metres			Fibreglass			Final water lavel end	3 4.68 3	375
Gas N	Fresh Sulp					of pumping SO metres		
Othen N		hurl L.	Fibreglass			type. ∏Shallow <b>≸€</b> Deep	4 4, 10 4	3.73
Gas Other:	Salty Mine	Plactic				depth 4 metres	5 4.69 5	3.71
m i	. I		Screen			Recommended pump	10 4. 10 10	
Gas	Salty Mine	erals Outside Steel C diam Plastic	Fibreglass Slot No.			(litres/mih) If flowing give rate -	15 <b>4.68</b> 15 20 <b>4.71</b> 20	)
	well yield, water wa d sediment free	as Galvanize				(litres/min)	25 <b>4.70</b> 25 30 <b>4.72</b> 30	
Other, sp	DO TEST		No Casing or Scr		······································	ued, give reason.	40 4.74 40	)
Chlorinated	Yes 🗌 No	Open hole		23.16	36.57		50 <b>4 78</b> 50 60 <b>4 80</b> 60	
		d Sealing Record	💫 Annular space 🔲 Al	bandonment	-	Location o		
Depth set at From	To	nd type (bentonite slurry, neat ce	(cubi	e Placed c metres)	In diagram below Indicate north by	w show distances of well fro y arrow.	om road, lot line, and	
	70.11 NO	AT COMENT?	opular 1	816			$\sim$	
20.11	q pei	NTONITE SLU		4-7	~	5 1	$\mathcal{Q}_{i}$	
						Dunkobin .	35	
		Mathed of Constructi				Se 1.2	KM	
Cable Too		Method of Construction tary (air)	Diamond	Digging		2		A.)
Rotary (cc	onventional) 📉 Ai verse) 🗌 Bo		letting	Other		ET.	ADO	Low
		Water Use	Public Supply	Other		- Bart	to MAS MARKE	stra
Domestic Stock		ommercial 🗌 🗋 N	Not used			# 10 11 Pat		
Irrigation		Inicipal			Audit No. Z		to MAS A. DC PARILL e Well Completed	1207
Water Su		· · · · · · · · · · · · · · · · · · ·	Unfinished Abando Dewatering	oned, (Other)	Was the well ov package delivered	wner's information Dat	e Delivered YYYY	1207
Test Hole	Abando		Replacement well			Ministry Use		
Name of We		1112 Cal-	Well Contractor's I	licence No.	Data Source	Сог	ntractor 11	19
Business Add	tross (street name,	number, qyetc.)		-7-	Date Received		e of Inspection YYYY	MM DD
Name of Mel	I lechnician (last na		Well Technician's	Licence No.	JAN Remarks	1 <u>0</u> 2005  we	II Record Number	
Signature of	RCELL Technician/Contrac	- SHANNON	Date Submitted					
xQx	não	2	py ☐ Ministry's Copy	1380 Well OW		Cette fr	ormule est disponibl	le en francais
0506E (09/03)	)	Contractor's Co	ppy 📋 winnstry's Copy			Celle IC	and our disponible	e en nongale





## Well Record

**Regulation 903 Ontario Water Resources Act** 

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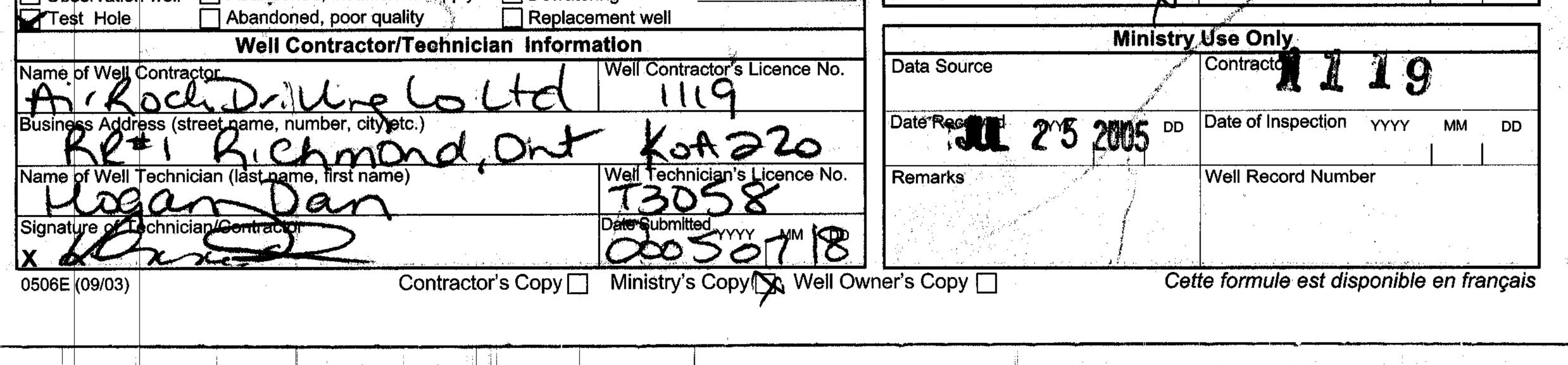
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Instructions for Completing Form

- For use in the Province of Ontario only. This document is a permanent legal document. Please retain for future reference.
- All Sections must be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.

- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- All metre measurements shall be reported to 1/10<sup>th</sup> of a metre.
- Please print clearly in blue or black ink only.

Well Owner's Information	n and Location of Well Inform	nation MUN	C	ON State	LOT	
First Name	Last Name	Addres	s (Street Numbe	er/Name, RR,Lot,Conces	sion)	
County/District/Municipality	Township/City/Town/V	/illage Pr	ovince Fosta	al Code Teleph	one Number (include ar	rea code
Address of Well Location (Coun	ty/District/Municipality)	Township	Intario Ko	KOK4 Lot	Concession	
Ottawa	- Carleton.	MA	Rett	Parto	<b>37</b>	
RR#/Street Number/Name	THOMAD A. DOL	City/Town/Vi	llage	Site/Compart	nent/Block/Tract etc.	12
u tit Ψt i i i∎	one Easting Northing	Unit Make/M	odel Mode	of Operation: Undiffe	rentiated Averaged	d
og of Overburden and F	<b>Bedrock Materials (see instru</b>	ctions)	EUNN	Differer	ntiated, specify	
General Colour Most commo			Genera	al Description		Metres
Sand	bourder	~ <	· · · · · · · · · · · · · · · · · · ·	<u>.</u>	From	το 21.Λ
reylphale in	nestone stone			· · · · · · · · · · · · · · · · · · ·	21.0 4	15.1
inite sand	stone		· · · · · · · · · · · · · · · · · · ·	·	45.15	N.2
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				· ·		
				<u> </u>		
Hole Diameter	Conetru	ction Record		) Toet a	of Weil Yield Decid	
Depth Metres Diameter	Inside	Wall Depth	Metres	Pumping test method	Draw Down Reco	overy
From To Centimetre	s diam Material t	hickness	То		me Water Level Time Wa hin Metres min	ater Leve Metres
0 54.2 15.24				Pump intake set at - Sta	atic 771 C	3,08
	Steel Fibreglass	asing		Pumping rate -	$\frac{1}{5} \frac{3}{3} \frac{1}{7} \frac{7}{7}$	
		48 0	23.2.	(litres/min) 25		
Water Record				hrs + 0_ min	2 5.4-7 2 6	0.71
	Steel     Fibreglass       Plastic     Concrete			Final water level end	D 5.97 (D) 5	5,63
Gas Salty Mineral			·	metres	6.16 6 4	-84-
2 Fresh Sulphur						
Gas Salty Mineral	s Plastic Concrete Galvanized		· .	Shallow P Deep Recommended pump depth metres	8 6.36 8 4	F.25
m Eresh Sulphur		Screen				5.80
Gas Salty Mineral		Slot No.		(litres/min)	0 6.68 0 3 20 7.03 20 3	
After test of well yield, water was	Plastic Concrete	•		(litres/min) 2	25 7.17 25 2	1,84
Other, specify		ing or Screen	· · · · · · · · · · · · · · · · · · ·	i lued, give person. 🛛 🛏	30 7.25 30 2 40 7 39 40	2,85
	Open hole	22.6	EU D	4 I	50 <b>7.50</b> 50	
Chlorinated Yes No			54.2.		50 <b>7, 58</b> 60	<u></u>
Depth set at - Metres Material and t	Sealing Record Annular sp type (bentonite slurry, neat cement slurry) etc		In diagram belov	Location of w show distances of well from	<u></u>	na.
		<pre>     (cubic metres)     • 362. </pre>	Indicate north by		2	と
201 D bal	Honite shurry	858		jung.		
	TORITE SMURY			20° D'		
	· · · · · · · · · · · · · · · · · · ·					
	Method of Construction		•		75'	• · ·
Cable Tool Rotary (conventional)	ercussion	Digging Other				
Rotary (reverse) Boring					· · · · · · · ·	- * 
Domestic Indus		Other				149 1
Stock	nercial INot used	onditionina	Audit No. 🛶	Date V	Nell Completed	
	Final Status of Well	<b>.</b>	Z	23233	2005 05	SI PE
Water Supply Recharge	well Unfinished Unfinished d, insufficient supply	Abandoned, (Other)	Was the well ov package delivered		Delivered <sub>YYYY</sub> MM	M DD
				ى الىكىن ئىسى ب	<i>,</i>	1



	Ministry of Well Tag Num the Environment	ber (Pi 02	3068	Regulation 903 Onta	Well Recor
Instructions for Completin	ng Form A-O-E	+3068			page of
<ul> <li>For use in the Province</li> <li>All Sections must/be con</li> <li>Questions regarding con</li> <li>All metre measurement</li> </ul>	of Ontario only. This document is mpleted in full to avoid delays in pro opleting this application can be dire ts shall be reported to 1/10 <sup>th</sup> of a	a permanent <b>lega</b> ocessing. Further i	nstructions and	1 explanations are available	on the back of this form
• Please print clearly in blu	e or black ink only. and Location of Well Informati	· · · · · · · · · · · · · · · · · · ·	C	Ministry Use Only	/
First Name	Last Name HOLDING	Mailing Address		er/Name, R <u>R,L</u> ot,Concession	THE WAY
County/District/Municipality	JUN ROB (1	ge Pro	ovince Posta Intario		Number (include area coo
Address of Well Location (County	//District/Municipality) ひていたい	Township	RCH	Part 2-	Concession
	om AS A, DOLAN	CityTown/Vil	ROBIN	PLAN 4R	1/Block/Tract etc
8 3				of Operation: Undifferentia	
General Colour Most common	edrock Materials (see instruction material Other Materials	ons)	Genera	I Description	Depth Metres
Clay					From To 0 9.14
Dand June	tone		·	· · · · · · · · · · · · · · · · · · ·	9.14 25.0
Shite Sand			,		45.7 53,
			N. P. S.	2 	
Hole Diameter	Constructio			Teet of W	all Yield D
Depth         Metres         Diameter           From         To         Centimetres	Inside W	all Depth	Metres	Pumping test method Dra	ell Yield Recovery w Down Recovery Nater Level Time Water Level
O 53.9 (5.23	diam Material thick centimetres centin	_	То	JUDJUMT min	Metres min Metres
	Casin	ig sa sa		Pump intake set at - Static (metres)	5.89 14.4 4.40 1 13.20
		8 0	26.8	Pumping rate - 40 1 (litres/min) 26 40 Duration of pumping 2	
Vater Record	IS.8%     Galvanized    4       Steel     Fibreglass		0.0.0	hrs +min	
Gas Salty Minerals	Plastic Concrete	× .		Final water level end	6.04 10.10
Other: No Fresh Sulphur	Steel Fibreglass			type.	221 68.39
Gas Salty Minerals	Plastic Concrete Galvanized			Recommended nump depth:metres	7.76 (8) 6.96
m Fresh Sulphur Gas Salty Minerals	Outside Steel Fibreglass Slot			Recommended pump 10 rate. (litres/min) 15	7.98. 10 5.77
Other:	Clam Plastic Concrete	NO.		If flowing give rate - 20	3.66 20 2 38 3.68 25 1.93
Other, specify	Galvanized No Casing	or Screen		If pumping discontin- ued, give reason. 30	7.04 30 1.53
hlorinated Yes	Copen hole	26.2	53.9	50	35 50 17
Plugging and Se	aling Record	Abandonment		Location of Wel	1.71 00 1.10
Depth set at - Metres Material and ty	pe (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)	In diagram below Indicate north by	show distances of well from road	d, lot line, and building.
Depth set at - Metres From To 4 223.2 Cem	be (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)	Indicate north by	y show distances of well from road arrow.	d, lot line, and building.
Depth set at - Metres From To 4 223.2 Cem	be (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)	Indicate north by	y show distances of well from road arrow.	d, lot line, and building.
Depth set at - Metres From To 4 223.2 Cem	be (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)	Indicate north by	r show distances of well from road arrow.	
Depth set at - Metres From To 46, 223, 2 Cem 3, 2, 0 ben	e (bentonite slurry, neat cement slurry) etc. Int Surry DnHE Surry Method of Construction	Volume Placed (cubic metres) #227 981	Indicate north by	hong t. Dolon 1. Dolon 1. Jolon 1. Jolon	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         G       Q         G       Q         G       Q         G       Q         G       Q         G       Q         G       Q         G       Q         Cable       Tool         Cable       Tool         Air perd         Air perd	Aethod of Construction (air) Diamond cussion John Surgers	Volume Placed (cubic metres)	Indicate north by	hong t. Dolon 1. Dolon 1. Jolon 1. Jolon	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Material and type         Galary       Cern         Material and type         Material and type         Galary         Cable Tool         Rotary (conventional)         Rotary (reverse)         Boring	Aethod of Construction (air) Diamond cussion Driving Water Use	Volume Placed (cubic metres)	Indicate north by	r show distances of well from road arrow.	d, lot line, and building.
Depth set at - Metres Material and ty From To A 23.2 Cem 3.2 0 Den Cable Tool Rotary Rotary (conventional) Air pero Rotary (reverse) Boring Domestic Industri Stock Comme	Aethod of Construction (air) Diamond cussion Jetting Driving Water Use al Public Supply orgial Not used	Volume Placed (cubic metres)	Indicate north by	r show distances of well from road arrow. homas t. Dolon J. Dolon J. Dolon J. J. Skan Jun 106 in Rd.	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Additional       To         Additional       Depth         Additional       Depth         Cable Tool       Rotary         Rotary (conventional)       Air perol         Rotary (reverse)       Boring         Domestic       Industri         Stock       Comme         Irrigation       Municip	Aethod of Construction (air) Diamond cussion Jetting Water Use al Public Supply regial Driving Xater Construction (air) Driving (bit Construction) (construction)	Volume Placed (cubic metres)	Audit No. Z	23260 Date Well	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Addition       Addition         Addition       Addition         Addition       Addition         Addition       Addition         Cable       Tool         Cable       Tool         Cable       Tool         Rotary       Rotary         Rotary (conventional)       Air pero         Boring       Domestic         Industri       Stock         Irrigation       Municip         Water Supply       Recharge w         Observation well       Abandoned,	Aethod of Construction (air) Diamond cussion Jetting Water Use al Public Supply ad Cooling & air conditi Final Status of Well ell Unfinished insufficient supply Dewatering	Volume Placed (cubic metres)	Audit No. Z	eshow distances of well from road arrow.	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Additional and type       To         Additional and type       Additional and type         Additionand and t	Aethod of Construction  (air) Diamond  cussion Jetting  Water Use  al Public Supply  refal Cooling & air conditi  Final Status of Well  ell Unfinished insufficient supply poor guality Replacement well  tractor/Technician Information	Volume Placed (cubic metres)	Audit No. Z	Anna 120' Anna 120'	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Additional and type       Additional and type         Multicipe       Additional and type         Additional and type       Additional and type         Additional and type       Additional and type         Additional and type       Additional and type         Additional	Aethod of Construction  Aethod of Construction  (air)  Unit Survey  Aethod of Construction  (air)  Diamond  Diamond  Disussion  Jetting  Driving  Water Use  al  Public Supply  retail  Public Supply  retail  Final Status of Well  ell  Unfinished  insufficient supply  Dewatering  poor guality  Replacement well  tractor/Technician Information  Well Contr  Lift of Con	Volume Placed (cubic metres)	Audit No. Z Was the well ow package delivere	A show distances of well from road arrow.	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Material and type         From       To         Material and type         Cemp         3.2.0         Cable         Cable Tool         Rotary (conventional)         Rotary (conventional)         Rotary (reverse)         Boring         Domestic         Irrigation         Water Supply         Recharge w         Observation well         Abandoned,         Well Contractor         Well Contractor         Well Contractor	Dec (bentonite slurry, neat cement slurry) etc.         Int Surry         Int Status of Well         Insufficient supply         Insufficient supply         Insufficient supply         Int Status of Well         Insufficient supply         Insufficient supply         Insufficient supply         Insufficient supply         Int Status of Well         Insufficient supply         Insufficient supply         Int Status of Well	Volume Placed (cubic metres)	Audit No. Z Was the well ow package delivered Data Source Date Rec <b>INC</b>	Annos distances of well from road arrow. Annos di 20' Annos di 20' Annos di 20' 3 km 2 3 2 6 0 Date Vell Ota Delive Ministry Use Only Contractor 2 7 5 2 45 DD Date of Ins	d, lot line, and building.
Depth set at - Metres       Material and type         From       To         Material and type         From       To         Material and type         Gable 223.2       Cemperature         Cable 223.2       Cemperature         Cable Tool       Rotary         Rotary (conventional)       Air perol         Rotary (conventional)       Air perol         Boring       Domestic         Industri       Stock         Irrigation       Municip         Water Supply       Recharge w         Observation well       Abandoned,         Well Contractor       Well Contractor         ame of Well Technician (last name, number of Well Technician (last na	Aethod of Construction  Aethod of Construction  (air)  Water Use  al  Final Status of Well  Public Supply  poor guality  Cooling & air conditi  Final Status of Well  ell  Insufficient supply  Dewatering  poor guality  Well Contr  Well Contr  Structor, City etc.)  Method, Ottor  Well Technician  Well Contr  Structor, City etc.)  Method, Cottor  Method  Meth	Volume Placed (cubic metres)	Audit No. Z Was the well ow package delivere	Annos distances of well from road arrow. Annos di 20' Annos di 20' Annos di 20' 3 km 2 3 2 6 0 Date Vell Ota Delive Ministry Use Only Contractor 2 7 5 2 45 DD Date of Ins	d, lot line, and building.

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Pleas	se print cl	early in blu	ie or black	reported t ink only. tion of We			MUN		со		y Use Only	LOT	
rst Name			Last Name		<u>/</u>		1ailing Addres	s (Street	Number	r/Name, RR,Lot	Concession)	• :	<u> </u>
ounty/Dis				Township/C	City/Town/	Village		ovince	Postal	Code	Terephone N	umber (inclue	le area coc
ddress of	Well Loca	tion (County	/District/Mu		ねしへ		ownship	Ontario	1	5 Q10	Lot	Concession	
077	t Number/	CAR	(ETO)			7	City/Town/Vi		<u>)</u>	Site/C	ompartment/E	Block/Tract e	<b>5.</b>
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in	1												
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	ole Diame			ан	Constr	uction Rec	cord				Test of Wel		
Depth From	Metres To	Diameter Centimetres	Inside diam	Materia	tl	Wall thickness	Depth	Met		Pumping test me	Time Wa	ater Level Time	Recovery Water Le
$\varphi$	60	21.90	centimetres			centimetres	From	То	<u> </u>	Pump intake set	and the second second	Metres min	Metre
			· · · ·	Steel F		Casing				(metres) Pumping rate	Levei	05 1	3.7
14/	ater Reco		15.B	Plastic C		148 -	40,50	9.1	5.	(litres/min) 52	ping 2 4	<b>109</b> 2	3,67
ater found		d of Water		Galvanized	ibreglass						min	,	
d Dr Gas	Fresh Salty	Sulphur Minerals		Plastic C Galvanized	oncrete					of pumping 10m	etres	<b>F/D</b> 3	3,6
Other:	Fresh	· · · · · ·			breglass					Recommended p type.		4 4	3,69
Gas Other:	Salty	Sulphur		Plastic C Galvanized	oncrete					Recommended c	etres	<b>II</b> 5	3,69
 m	Fresh	Sulphur				Screen				Recommended p	oump 10	<u>11 10</u>	369
Gas Other:	Salty	Minerals	Outside diam	Steel Fi	ibreglass oncrete	Slot No.	9,15	103	7	(litres/min) If flowing give rat	15 e-20	<b>1</b> 15 <b>1</b> 20	4
	well yield, well sediment		13.97.	Galvanized		10	1010		••	If pumping discon	25	1         25           1         30	
Other, s	· · · · · · · · · · · · · · · · · · ·				No Ca	sing or Sc	reen			ued, give reason.	40	II         40           1         50	H N
nlorinated	Yes	No		Open hole	*						60 <b>-</b>	<b>HO</b> 60	4
epth set at			ealing Reco	rd lurry, neat cem	Annular s		Abandonment me Placed	In diagra	m helow	Locat show distances of	tion of Well	lot line and b	uilding
Fram	To A			Bone	oni siurry) e	ic. (cub	ic metres)		north by a				
	yn	ing	V		~					W.	we	1	
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				<u> </u>					•	^ -		Unopu	، د   `
				Construction				1 Du	hndb	inCommuni	1 Certre	<u> </u>	119
	onventional			Jet	*	· L	Digging Other	15	19th	osildan	V	484 <sup>111</sup>	
Rotary (re	everse)	Boring	Wate	Driv r Use	ving					11000 -	7	<b>b</b>	
Domestic Stock	;	Industri			olic Supply t used		Other			nay 1		T	JB
Irrigation			al	terminal 1 1 1		conditioning		Audit No	<sup>).</sup> Z	18722	Date Well Co	ompleted	07. 2
Water Su Observat		] Recharge w	ell	Un	finished	Abanc	loned, (Other)		well owr	ner's information	Date Delivere	ed 4 YYYY	
Observati Test Hol		Abandoned,		Re	watering placement v		2°	Pauraye		<b>A 1</b>	y Use Only		<u>I</u>
ame of We	Contracto		tractor/Tec	hnician Info	Well	Contractor's	Licence No.	Data So	urce	WIIIISU	Contractor	Q m E	8
				- Cauth, Fa	lh. I.a	<del>1875</del>	Kat2ro	Date Re AU	eived			VIL	MM D
MA		n (last name,		awn, 14	Well	Technician's	Licence No	Remarks	<u> </u>	2005	Well Record	Number	
me of We	al recimicia	in the second se				and the second s		1.001100110					
gnature of We	R S	TAT	r		Date	TOCEL 1							

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Instruction	s for Completi	ng Form		A-O/	8560			page 🖊 of 🖊
For use	in the <b>Province</b>	of Ontario	only. This do	cument is a	permanent leg	al document.	Please retain for future refe	erence.
<ul> <li>Question</li> </ul>	ns regarding con	npleting this	s application c	an be direc	ted to the Wate	r Well Manage	nd explanations are available ement Coordinator at 416-2	on the back of this form. 235-6203.
	re measurement print clearly in blu			l/10 <sup>th</sup> of a m	netre.		Ministry Use Only	/
Well Owner	r's Information	and Loca	tion of Well	Informatio	Name of the second s			LOT
First Name		Last Naro	MES		Mailing Addre	ss (Street Numl	ber/Name, RR,Lot,Concession	n)
	t/Municipality	Pa I	Township/City	/Town/Village	• F	rovince Pos		Number (include area code)
Address of We	ell Location (County	//District/Mu	nicir <b>t</b> ality)		Township	Ontario		Concession
RR#/Street Nu	Imper Name	ae io			City/Town/		Site/Compartmen	t/Block/Treat ata
1/10	S. SUM	PARK	WAY		SUNK	SBIN, C	N	
GPS Reading		Easting 420	549	SO3C	27 MAG		le of Operation: Undifferenti	and an
	rburden and B		······		ns)			
General Colour	Most common	material	Othe	r Materials		Gener	ral Description	Depth Metres From To
GREYBLUE	CLAP							0.00 854
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1940 Barrishan da kana ana ana ana ana kana kana kan						Ball-A		
				PPER 10.10. 80.101.00.0.00				
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	Diameter Netres Diameter		C	onstruction		· · · · · · · · · · · · · · · · · · ·	Test of W	ell Yield w Down Recovery
From	To Centimetres	Inside diam	Material	Wal thickne	ess	Metres	PINP Time	Nater Level Time Water Level
0.00 8.	O DEC	centimetres		centime		То	min	Metres min Metres
			Steel Fibreg	Casing	<u>, 2</u>	Γ.	Pumping rate 1	2010 1 3.30
		15.88 i	Plastic Concr		+0,60	12,20	(litres/min)	
Water found atMetres	r Record Kind of Water	[	Galvanized				Duration of pumping 2	7.95 2 × J
and the second	Fresh Sulphur		Steel Fibreç					3,53 3 1,76
Gas	Salty Minerals		Galvanized	:			metres	3.89 4 1.40
	Fresh 🗌 Sulphur		Steel Fibreg			i	Shallow Deep	
Gas	Salty Minerals		Plastic Concr Galvanized	ete			Recommended pump 5 depth.	4012 5 1016
	Fresh 🔄 Sulphur		STALLESS	Scree	n		Recommended pump 10	4.52 10 0.72
Gas Gas	Salty Minerals	Outside diam	Steel Fibre		lo.	1217	lf flowing give rate - 20	4.57 15 0.60 4.61 20 0.65
	ll yield, water was	1397.	Plastic Concr	ete 📿	K.O	BR	(fittes/mirt) 25	4.45 25 O.A
Clear and se				No Casing or	r Screen		If pumping discontin- ued, give reason. 30 40	<b>4 1 4 1</b>
Chlorinated X	Yes No		Open hole	<b>,</b>				195 50 14
							60	415 60 014
Depth set at - M	Plugging and Se		r <b>d</b> Ar urry, neat cement s	nular space	Abandonment Volume Placed	In diagram belo	Location of Wel	
From T	10	nikg			(cubic metres)	Indicate north b	by arrow.	N.A.
· un ca	a prace	The gr	au.		2.01		1	$\mathbb{N}$ , $\mathcal{N}$
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							Untobin " Percupine St	
Cable Tool	Rotary		construction	nd	Digging		Porting	
Rotary (conve	entional)	. ,	U Jetting		Other		1 - Chapme A	
Rotary (rever	se) Boring	Water	Driving				l	16
Domestic	Industri		Public :		Other			⊥ ¥
Stock	Comme	al		ed 3 & air conditior	ning	Audit No. Z	1070C Date Well	Compared 14
Water Supply	v Recharge w	Final Stat	us of Weil	hed he	bandoned, (Other)		18726 Date Delive	ACOD II CH
Observation v	well 🗌 Abandoned,	insufficient su	pply 🔲 Dewate	ering		package deliver		105 11 A.
Test Hole	Abandoned, Well Con		Replac	ement well nation			Ministry Use Only	
Name of Well-Co	The DRW		uc.		tor's Licence No.	Data Source	Contractor	875
Business Addres	ss (street name, numb	er, city etc.)			And	Date Received	2 YAYY 2005 DD Date of Ins	
Name Wet Te	chnician (last name	irst name)	SCUILI, MA	Well Technic	ian's Lisence No.	Remarks	C 4 CUUJ Well Reco	rd Number
OTHN	EN, DE	gg M		722	56.			
Signature of T	MAC-		· · · · · · · · · · · · · · · · · · ·	Date Subpart	JS / H.	)		
0506E (09/03)		Contr	actor's Copy	Ministry's C	Copy 🙀 Well Ow	ner's Copy 📋	Cette formule	est disponible en français

P On	ntario	Ministry of the Environn	nent	Well Tag	No. (Place St	icker and	/or Print Below)	7		W	/ell R	lecord
	itario		ion	A051	520	A og	51520	Regulation	903 C	Page		ources Act
Well Owner's	Informatio	n										
First Name MacBeth Me	chanical	Last Nam	e		E-ma	ail Addres	S				Well Co by Well	Owner
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13 Neely Part A Constr	uction and	or Major Altera	tion of a		nrobin		Ontario	K OA 1	ro e	5 1 3	8 3 2	0 1 8 0
Address of Well					ownship			Lot		Concessio	n	
2742 Dunr County/District/M	obin Road	d		C	ity/Town/Villag	Carde e	Kanata	27	Provin	се	3 Postal	Code
Ottawa Ca	rleton				Dunro	obin			Ont			
UTM Coordinates NAD   8   3		202845	orthing		S Unit Make	Model Garmi		Operation:	Undiffe	rentiated	🗙 Avi	eraged
Overburden an	1 1 2 1 - 1 1				s form)	Garmi	h loss					
General Colour	Most Corr	nmon Material		Other Mater	rials		General Description				From	(Metres)
Brown	C1.	ay					Packe	d			0	7.61
Brown	Sa	nd									7,61	11.58
Gray	Sa	nd					<u>na seran na se</u> Seran Seranga				11.58	17.98
		r Space/Abando	and the second se	aling Record				Results of We	-			
Depth Set at (Me From To		Type of Se (Material a			Volume I (Cubic N		Check box if after te water was:		Time	aw Down Water Lev		Water Level
7.61 0	Grout	ed - Bento	onite S	lurry	.132m3	3	Clear and san		(Min) Static		) (Min) Static	(Metres)
							state If pumping discontin	ued, give reason:	Level	4.91	Level	
							Pumping test meth	and	2	6.51	2	5.62
							submersib		3	6.71	3	5.36
	of Constructi			Water U			Pump intake set at 13.71	t (Metres)	4	6.78	4	5.05
Cable Tool	ntional) Jet	tting	ublic omestic	Comme	al 🗌 De	t used watering	Pumping rate (Litre	es/min)	5	6.81	5	4.98
Rotary (Revers	se) 🔤 Dri		vestock igation	Cooling	le D Mo & Air Conditionir	onitoring	54.6 Duration of pumpir	na	10	6.81	10	4.95
Air percussion	Bo	ring 🗌 In	dustrial ther, specify				_4_ hrs +	min	15	6.82	15	4.93
		Status					Final water level en (Metres) 6.84		20	6.83	20	4.93
Water Supply Replacement V		watering Well andoned, Insufficie	ent Supply		tion and/or Monito n (Construction)	· ·	Recommended pu	imp type	25	6.83	25	4.92
Test Hole Recharge Well		andoned, Poor Wa andoned, other, sj	-	Other, s	pecify		Recommended pu		30	6.83	30	4.91
			n of Well		8 / / · · · · · · · · · ·				40	6.83	40	
	vdaries, and me	asurements sufficie	ent to locate	the well in rela	ation to fixed poir	nts,	Recommended pu (Litres/min) 45	5	50	6.83	50	
	s can be provide	ed as attachments		an legal size (	8.5" by 14")	127	45. If flowing give rate (Litres/min)		60	6,83	60	
<ul> <li>vidigital pictures</li> </ul>	of inside of well	can also be provid	led		4		[	Water		6.83	_	
					Per la	$\sim$	Water found at D	epth Kind o	of Wate	∋r		
	Dunrol	on Rd Ness   142			G.		17+06 Metres Water found at D	.90000		Salty	Sulphur	Minerals
	Real	Ares 1			D		Metres	Gas Fre	sh 🗌	Salty	Sulphur	Minerals
	100				EB .		Water found at D		of Wate		Sulphur	Minerals
	#2	742 1			R		Casing Used				and Wel	
		1					Galvanized	Galvanized		ameter of th		
	1	l.					Fibreglass	Fibreglass	B	epth of the F	INE (Metre	ns)
Date Well Comp (yyyy/mm/dd)		e well owner's infor delivered?	0		Record and Pack /ell Owner (yyyy/		Plastic Concrete	Plastic     Concrete	w	all Thicknes		
_2008/3/12		tractor and We	No	2008/3/			No Casing a	nd Screen Used	lin	side Diamet	.48	asing (Metres)
Business Name of			rechnic		Il Contractor's Lice	ence No.	Open Hole			C Charrier	15.86	
Capital W Business Address	ater Sup	ply Ltd.	8)	Municipa	5 5	8	Disinfected?		De	epth of the (	Casing (Me	etres)
Box 490				Stitt	sville			Ministry	-	Only	0 16.	94
Province	Postal Co		s E-mail A	dress			Audit No. 277320 Well Contractor No.					
Ontario Bus Telephone No			echnician (I	Last Name, F	irst Name)		Date Received (1997	y/mm/dd)	Date o	f Inspection	(yyyy/mn	Vdd)
61 3 8 3 Well Technician's L	61 7 6 6 Licence No. Sig	Miller nature of Technic	r, Step <sup>ian</sup>	hen	te Submitted (yy)	yy/mm/dd)	JUN U Z ZU Remarks					
0 0	9 7	Olh Jha	L		2008/3/19	2						
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🛞 Onta	Ario Ministry of the Environm		ag No. (Place S	A	Vor Print Below) 051505	Regulation	n 903 (	Ontario Wa		
Well Owner's In	formation		A05150	5			1000	Fage_		
First Name	Mechanica)		E-m	ail Address	s				Well Cor by Well	nstructed
Mailing Address (Str	eet Number/Name, RR)	Munic			Province	Postal Code		Telephone I		
13 Necky Part A Construct	ion and/or Major Altera	the design of the second s	Dunrobin		antarie	5 KOAI	TO	6138	320	011 180
Address of Well Loca	ation (Street Number/Name		Township			Lot		Concession	1	
2744 Dunrobin County/District/Muni			Kanata City/Town/Villag			27	Provir	nce	3 Postal	Code
Ottawa Carlet UTM Coordinates Z	con one Easting No	orthing	Dunrol GPS Unit Make	bin Model	Mode of	f Operation:		erentiated	Ave	ranad
NAD 8 3	8 4 2 02 6 8 5	03 02 9 8		GArm		rentiated, specify	Undin	erennated	N We	rayeu
General Colour	edrock Materials (see inst Most Common Material	other Ma			General	Description			Depth	(Metres)
Brown	Clay				Packe	h			From	To 7.61
Brown	Sand				rucke				0	11.58
Gray	Sand							18.43		
Depth Set at (Matres)	Annular Space/Abando Type of Sea	and the state of the	Volume	Placed	Check box if after te	Results of We	-	Id Testing raw Down	Re	covery
From To	(Material ar		(Cubic N	Aetres)	water was:		Time (Min)	Water Leve (Metres)	Time	
7.22 0	Grouted - Bent	onite Slurry	.132m3	3	Cannot develo state		Static		Static	
					If pumping discontin	nued, give reason:	1	6.58	1	6.18
					Pumping test meth		2	7.01	2	5.77
Method of Co	onstruction	Water	Use		submersi Pump intake set a		3	7,38	3	5.59
Cable Tool	Diamond Pu	iblic Comr		ot used watering	13.7 Pumping rate (Litre	1 es/min)	4	7.58		5.46
Rotary (Reverse)		vestock Test Higation Coolin		onitoring	Duration of puripin	20	5	7.63		5.40
Air percussion		dustrial her, specify			4 hrs +	min	15	7.67	10	5.23
K Water Supply	Status o	of Well			Final water level en (Metres) 7.82	d of pumping	20	7.74	20	5.18
Replacement Well	Abandoned, Insufficie	nt Supply 🗌 Altera	rvation and/or Monito ation (Construction)		Recommended pu	mp type Deep	25	7.81	25	5.16
Test Hole     Recharge Well	Abandoned, Poor Wa		, specify		Recommended pu	and the second	30	7.72	30	5.13
Please provide a map t	Location below showing:				13.71 Metro Recommended pu		40	7.74 7.81	40	12028
<ul> <li>an arrow indicating the</li> </ul>					(Litres/min) 45.		50	7.81	50	
<ul> <li>detailed drawings can</li> <li>vidigital pictures of ins</li> </ul>	be provided as attachments r ide of well can also be provide	no larger than legal size ed	e (8.5" by 14") -		(Litres/min)		60	7.87	60	
		_			Water found at D	Water epth Kind o				
Du	1 # 2744		Don Bo		17.22 Metres Water found at D		sh 🗌	]Salty 🗌 S	ulphur (	Minerals
	# 2744		00, r	5	Water found at D			er  SaltySi	Jphur (	Minerals
	1 @ p.the		E.		Water found at D		f Wate	er Salty S	lohur (	Minerals
		1	Pox		Casing Used	Screen Used		Casing ar	- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	
		1	Kut		Galvanized	Galvanized	Dia	ameter of the l	Iole /Cen	
Date Well Completed	Was the well owner's inform	nation Date the Mie	I Record and Pack		Fibreglass	Fibreglass	De	pin of the Hol	e (metres)	10.
(yyyy/mm/dd) 2008/3/17	package delivered?	Delivered to	Well Owner (yyyy/n	nm/dd)	Concrete	Concrete	Wa	18.4 all Thickness (	Metres)	
v	Vell Contractor and Well	I Technician Inform	nation		<ul> <li><u>Loc</u> (1997) 1111 - 111-1</li> </ul>	nd Screen Used	Ins	.4 ide Diameter		sing (Metres)
Business Name of We	Supply Ltd.		Vell Contractor's Lice		Disinfected?		De	15.8 pth of the Cas		es)
Dusiness Address (Str	eel No./Name, number, RR)	Munici			📜 Yus 🗌 No	$= \frac{1}{2} \sqrt{(-R_{ij}^{(2)})} \left( \frac{h_{ij}}{h_{ij}} \right) = \frac{1}{2} \left( h_{i$	1	1.21 +	5.45.34	
ox 490			Stittsville			Ministry	11		0 17.	1.4

Ontario Bus Telephone No		A6 off	ice@capi	talwater.ca
6 1 38 3 Well Technician's L				anie, mischkeinie)
Well Technician's L	icence No. Signatu	ire of Fechnicia	in	Date Submitted (y

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		0

Date Received (vyyy/mm/dd) JUN () 2 2008

Remarks

Date Submitted (yyyy/mm/dd)

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Date of Inspection (yyyy/mm/dd)

Po	ntario	Ministr ) the En	'y of vironment		Well Ta	g No. (Plac	e Sticker an	d/or Print Belo		. 002 0			Record
Measureme	ents recor	ded in: 👔 M	letric 🗌 l	mperial	1	4 068	278		Regulation	1903 0	Page	er res	ources Act
Well Owr	ner's Info				1011100								
	th Mec	hanical ]		Organizatio		A		E-mail Add	Postal Code			by We	Constructed ell Owner
Mailing Add		et Number/Nan	ne)			Municipality Dunrobi	n	Province Ontari			Felephone N 613 83		· · · · ·
Well Loca	ation					DunioDi		oncari					
		ion (Street Nur in Road	nber/Name)			'ownship Kanata			Lot 27		Concession 3	1	
County/Dis						City/Town/Vil	lage		21	Provin	се	Postal	Code
Ottawa UTM Coordi	a Carl		No	rthing		Dunrobi	n an and Sublo	t Number		Onta	ario		
		8 4 2 0 2		<u> </u>		nunicipai Pia	in and Subio	it Number		Other			
Overburde	en and Be				the second se	rd (see instru	uctions on the	back of this form,				Don	the (ma)(#)
General Co		Most Comm	ion Material		Oth	er Materials			General Description			From	oth ( <i>m/ft</i> ) To
Brown		lay						Packed				0	6.40
Brown		and		4	Silt			Fine				6.40	
Brown							Fine				1.27		
Gray	/ Sand									1	2.19	14.02	
				0					Desults of W	II Vial	d Testing		
Depth Se	et at ( <i>m/ft</i> )		Annular Type of Sea		ALL YEARS	Volume	e Placed		Results of We Il yield, water was:		aw Down	R	ecovery
From	To		(Material an				<sup>3</sup> /ft <sup>3</sup> )	Clear and Other, spe		Time (min)	Water Leve (m/ft)	Time (min)	Water Level (m/ft)
12.80	0	Grouted	Benton	te SI	ırry	.132	m		ontinued, give reason:	Static Level	5.18		
										1	6.80	1	5.95
								Pump intake s	et at (m/ft)	2		2	
								12.		3	7.32	3	5.45
		Instruction			Well Us			Pumping rate 54.	, ,	4	7.50	4	5.28
Cable To		<ul> <li>Diamond</li> <li>I) Diamond</li> </ul>	Dor		Comme		Not used Dewatering	Duration of pu	mping	5	7.56	5	5.22
Rotary (#	Reverse) A	Driving     Digging	Live		Cooling	& Air Conditi	Monitoring	hrs + Final water leve	min el end of pumping (m/ft)		7.58		5.20
🔀 Air percu		C Digging	🗌 Ind	ustrial		a var oondaa	oning .	7.		10	7.60	10	
Other, s		notruction D		er, specify		Ctatus	of Well	If flowing give	rate (Vmin-/ GPM)	15	7.61	15	
Inside	Open Ho	le OR Material	Wall		h ( <i>m/ft</i> )	X Water		Recommende	d pump depth (m/ft)	20	7.61	20	
Diameter (cm/in)		ed, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replac	ement Well	12.		25	7.62	25	
15.86	St	eel	.48	+.45	12.80	Rechar	ge Well	Recommende (Vmin / GPM)	d pump rate	30	7.61	30	
						Dewate     Observe	ation and/or	45. Well productio	5 n (l/min / GPM)	40	7.61	40	
						Monitor	ing Hole on			50	7.62	50	
						(Constr Abando	ruction) oned.	Disinfected?	No	60	7.61	60	
	C	onstruction R	ecord - Scre	en	ALL REAL	C	ient Supply oned, Poor		Map of W	ell Loo		12100	
Outside Diameter		faterial alvanized, Steel)	Slot No.		th ( <i>m/ft</i> )	Water		Please provide	a map below following	instruct	ions on the t	ack.	
(cm/in)				From	To	specify							17
14.	St	eel	8	12.80	14.02	Other,	specify						1 miles
									unropin Rd		1		A B
Water four	nd at Depth	Water Det Kind of Wate		Untester		Hole Diame	ter Diameter		274	4	1		1.
12.80	with 4 . 82	Other, spe		() on the state	From	To	(cm/in)						Dolar
		Kind of Wate		Untester		12.80	15.86				1		P
	n/ft) Gas nd at Depth	Other, special Kind of Wate		Unteste	12.80	14.02	14		1		1		- AN
(11	n/ft) 🗌 Gas	Other, spe	cify						1		1		19
Business N		lell Contractor	or and Well	Technici	A CONTRACTOR OF THE OWNER OWNE	tion ell Contractor's	Licence No.						F
		er Supply	Ltd.		44		5 8						
Business A	ddress (Str	eet Number/Na	ime)			unicipality		Comments:					
Box 4 Province		Postal Code	Business	E-mail Ad		tittsvi	.11e						
Ontar Bus.Telepho	io K	2 S 1 A	6 off: ame of Well T	ice 👌	capital	water.c First Name)	а	Well owner's information package	Date Package Deliver		Minis Audit No. 7		e Only
613 8	36 176	6	Miller	, Ştep	nen	to Party in		delivered Yes	Date Work Completed	010		84	+336
Well Technic		e No. Signature	of Technicia				0 9 0 8		2 0 0 8 0 9	8 3	Received	142	008
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		Ministr			Well Tag	No. Place Sticker an	d/or Print Below)	1		We	II R	ecord
	ntari		vironment			A051505		Regulation	903 OI			
Measureme		258.02	etric 🗌 Ir	nperial	-					Page_		of
First Name		formation	ast Name / O	rganization	1201 Hereit		E-mail Address		011111			Constructed
		hanical Ir eet Number/Nam			M	unicipality	Province	Postal Code	Т	elephone No		area code)
13 Nee		eet Numberne	,			Dunrobin	Ontario	K 0 A 1	ΤO	613 8	32 0	180
Well Loca	tion	ation (Street Num	ber/Name)		Т	ownship		Lot	(	Concession		
		in Road	iber/Name)			Kanata		27		3		
County/Dist						ity/Town/Village			Province Onta		Postal	Code
Ottawa UTM Coordin			L Nor	thing		Iunicipal Plan and Suble	t Number		Other			
		8 420268		)30298	ling Paco	rd (see instructions on the	back of this form)		11111			
General Co		Most Comm		ment Sea		er Materials		eral Description			Dept From	th ( <i>m/ft)</i> To
	Ы	ell drille	ad 2008	/03/17	Audit	# 277321						
		CII UIIII	2000/	00/17	nuure	1 277321						
								-				
Depth Se	et at ( <i>m/ft</i> )		Annular: Type of Seal	and the second se		Volume Placed	After test of well yiek	Results of We	and the second se	aw Down	R	ecovery
From	То		(Material and			(m³/ft³)	Clear and sand	l free	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
18.43	0	Grouted	Benton	ite Hol	le Plug		If pumping discontinu	ued, give reason:	Static Level			
									1		1	
							Pump intake set at	(m/ft)	2		2	
							Pumping rate (I/min	(CDM)	3		3	
		onstruction			Well Us		Pumping rate (mini	( GFM)	4		4	
Cable To			Pub Dor		Comme	al Dewatering	Duration of pumpin hrs +	g min	5		5	
Rotary (F	Reverse)	Driving	Live		Cooling	le Monitoring & Air Conditioning	Final water level end	_			10	
Air percu			Ind						15		15	
		construction Re				Status of Well	If flowing give rate (	(l/min-/ GPM)	20		20	
Inside Diameter	Open H	lole OR Material nized, Fibreglass,	Wall Thickness		n ( <i>m/ft)</i>	Water Supply	Recommended pur	mp depth (m/ft)				
(cm/in)		te, Plastic, Steel)	(cm/in)	From	То	Replacement Well     Test Hole	Recommended pur	mp rate	25		25	
						Recharge Well     Dewatering Well	(Vmin / GPM)		30		30	
						Observation and/or Monitoring Hole	Well production (I/n	nin / GPM)	40	1	40	
						Alteration (Construction)	Disinfected?		50		50	
						Abandoned, Insufficient Supply	Yes 🗌 No		60		60	
Outride	102116	Construction R	ecord - Scre		(	Abandoned, Poor Water Quality	Please provide a ma	Map of W			ack.	Contraction and a local distance
Outside Diameter (cm/in)	(Plastic,	Material Galvanized, Steel)	Slot No.	From	n ( <i>m/ft</i> ) To	Abandoned, other,		-p				-N=
1						specify						1-
						Other, specify		obin Rd				E S
and the second second		Water De	tails	Section of	ŀ	lole Diameter		2744				X
		oth Kind of Wate	r: Fresh	Untested	Dep From	th (m/ft) Diameter To (cm/in)	1					15
1		as Other, spe oth Kind of Wate		Untested			11 1	Ø		1		Dolan
(11	n/ft) 🗌 G	as Other, spe	cify				1					42
		th Kind of Wate		Untested								Themes
(1)		as Other, spe	-	Technicia	in Informa	tion	il .					F
		Vell Contractor	T . J			ell Contractor's Licence No.						
		ter Supply Street Number/Na				1 5 5 8 unicipality	Comments:					
Box 49						tittsville						
Province Ontari	io	Postal Code	Dannada	ice 🔗 (		lwater.ca		e Package Deliver	red			e Only
Bus.Teleph	one No. (i	inc. area code) Na	ame of Well	Fechnician (	Last Name	First Name)	package y	Y   Y   Y   M   M	DD	Audit No. Z	8	4395
		5 1 7 6 6 nce No. Signature	Mill of Technicia	er, St	ephen	ate Submitted	delivered	e Work Completed	_	OCT	16	2002
	0 9	7	hun			0080908	X No 2	0 0 8 0 9	0 4	Received		
0506E (12/20	307)	11 900	7	1		Ministry's Copy				© Queen's	Printer	for Ontario, 2007

Well Record Ministry of Well Tag No. (Place Sticker and/or Print Below) Ontario the Environment Regulation 903 Ontario Water Resources X Metric of Imperial Page Measurements recorded in: Well Owner's Information E-mail Address Well Constructed OTTAWA TV OF by Well Owner Province KIPN/(43)5 OTTACA Mail 110 LAURIER ADE WEST -2400 Well Location Address of Well Location (Street Number/Name) Concession 4 TORISOLTON Province City/ KOAITO OTTINA CARLEON DUNROBIN Ontario Municipal Plan and Sublot Number Other Northing UTM Coordinates Zone NAD 8 3 - -Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) General Description Depth (m/ft) Other Materials General Colour Most Common Material From XXOTA Well# 0.005.4 BASEMENT LEO SUNCOSIN ROAS MWDHC 0.00 571 4 MN07-7 ť, 1.00 æ 51 TMh u 11 74 11 u 200 11 10 5.72 MAC 18470161E 503038ZN a.w MWOT-16 好 BX 18A20161E 50303071 Mal 18420161E1 5030 470/160 6030381N PI Results of Well Yield Testing Annular Space From To Type of Sealant Used (Material and Type) After test of well yield, water was: Draw Down covery Volume Placed Water Level Clear and sand free Time Water Level Time (m3/ft Bentonte Arout 0.22 0,00 above (min) Other, specify (m/ft) (min) (m/ft) If pumping discontinued, give reason: Statio Level 1 1 Pump intake set at (n 2 2 3 3 Pumping rate (I/min / GP) Method of Construction Well Use 4 4 Not used Cable Tool Diamond Public Commercial Duration of pumping Municipal Rotary (Conventional) Domestic Jetting Dewatering 5 5 hrs + min Monitoring [] Livestock Test Hole Rotary (Reverse) Driving Boring Air percussion Cooling & Air Conditioning Irrigation Final water level end of Digging 10 10 Industrial Other, specify Other, specify 15 15 If flowing give rate (I/n Construction Record - Casing Status of Well 20 20 (m/ft) Inside Open Hole OR Material Wall Water Supply Recommended pun Diamete (Galvanized, Fibreglass, Concrete, Plastic, Steel) Thickness Replacement Well 25 25 From Το (cm/in) (cm/in) Test Hole Recommended put 30 Recharge Well 30 (I/min / GPM) Dewatering Well 40 40 Observation and/or Well production (I/n Monitoring Hole 50 50 Alteration nfected? (Construction) 60 60 🗙 Yes 🗌 No Abandoned, Insufficient Supply Construction Record - Screen Map of Well Location Abandoned, Poor ase prov Outside Water Quality h (*m/ft*) Material welly 1/3 Diamete Slot No X Abandoned, other, (Plastic Galvanized Steel) From То (cm/in) anstruction Other, specify MWD77 MWOZ Depth (m/ft) Water Details N NIO JMW 03 Diamete (cm/in) Untested th (*m/ft*) Water found at Depth Kind of Water: Fresh From To (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested ₽I 6 b X (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify Well Contractor and Well Technician Information mm)n Business Name of Well Contractor 4070 MWA 157 FIVE AROKSDR. PARENIHAM FREET to Goder Associates OFILTER for each bodole data. Businges E-mail Address Stent Ant Cyberns, Ca Ministry Use Only Audit No. Z package NG STR. DNJE 84257 delivered K Yes FEB 0 2 2009 1230 100 L © Queen's Printer for Ontario, 2007 Ministry's Copy

Well Record Ministry of Well Tag No. (Place Sticker and/or Print Below) Ontario the Environment Regulation 903 Ontario Water Resources Act Page 🔏 Metric of Imperial Measurements recorded in: Well Owner's Information irst Name CITY OF Last Man And A ddress Well Constructed by Well Owner Province Mailing Address (Street Number/Name) OTTWA KIP NI 63 520-2400 Well Location Address of Well Lokation (Street Number/Name) Township ORBOL Province City/ KOHITC NUNROBIN OTTASA-CARLETON Ontario Municipal Plan and Sublot Number Other UTM Coordinates Zone Northing elaw Dee NAD 8 3 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back (6P3) Depth (m/ft General Description Most Common Material Other Materials rom DEPTH WEL# 18420157 E/5030400 acr MI107-B 184201558/5030404N D MO 07 0,00 18420158/5030412N MI 07 10 TMW-04 18420169E/5030411N 0.D MW-04 18470167E[5030393N l X 18420 169E 5030393N l, X MWATH 18420176E TMW-0 150304021 420 MIE 5030389N mw **Results of Well Yield Testing** Annular Space Draw Down Volume Placed (m³/ft³) Recovery After test of well yield, water was Type of Sealant Used (Material and Type) Depth Set at (m/ft) Clear and sand free Time Water Level Time Water Level Aco abre Bentontegno 0.26 (min) (m/ft) Other, specify (m/ft) (min) Statio If pumping discontinued, give reason: Level NA 1 1 DIA (m/tt) Pump intak 2 2 NIA GPM) 3 3 Pumping rate Method of Construction Well Use 4 X Not used 4 Public Diamond Commercial Cable Tool Duration of pumping Jetting Municipal Dewatering Rotary (Conventional) Domestic Monitoring 5 5 hrs + Driving Test Hole Rotary (Reverse) Livestock NA Cooling & Air Cond Final water level end Boring Air percussion Digging Irrigation tioning 10 10 Industrial NA SPM) 15 15 Other, spe Other. specify If flowing give rate ( Geonstruction Record - Casing Status of Well 20 20 Depth (m/ft) Water Supply Recommended pump th (m/ft) en Hole OR Material Inside On Wall (Galvanized, Fibreglass, Concrete, Plastic, Steel) Replacement Well Diameter Thickness 25 25 NI From То (cm/in) (cm/in) Test Hole Recommended pump 30 30 Recharge Well NI (Vmin / GPM) Dewatering Well 40 40 Observation and/or Well production (I/m Monitoring Hole 50 50 Alteration fected? (Construction) 60 60 Yes No Abandoned, Insufficient Supply Map of Well Location Construction Record - Screen DIA Abandoned, Poor 2/3) ns on the back Abardered wells Outside th (m/ft) Water Quality Material Diamete (cm/in) Slot No. Abandoned, oth (Plastic, Galvanized, Steel) From То STE 200 Duniobin Thiwoz Onstruction TAW-11 10 X Other, specify THIN OG X X Hole Diameter MW0710 X Water Details N Diamete (cm/in) epth (*m/ft*) Water found at Depth Kind of Water: Fre Untested X MW07/6. From To (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested MWD79 🗙 XMWA (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested MNOTO (m/ft) Gas Other, specify Well Contractor and Well Technician Information Business Name of We SELLING INC Refer to Colder Associates 07-1122-0076 BOX 219, DT FIVE ARCHESOR. PAKENHAM later Inexad LOAZE Stanton dollegbens, ca Ministry Use Only Audit No.Z 208/073 84258 STANDARD PETCK ackage delivered X Yes 2000 12m LOCOPTES FEB 0 2 2009 No Ministry's Copy

Ministry of Well Record Well Tag No. (Place Sticker and/or Print Below) Ontario the Environment Regulation 903 Ontario Water Resources Act Page 3 of 3 Measurements recorded in: Metric Imperial Well Owner's Information E-mail Address Well Constructed First Name Arganization by Well Owner KIPKI 613580-740 IN Address (Street Number/Name), WEST OTTAWA Well Location Concession Addres Lot TORBOLTO WWROBIN ROAL Province City/Te ъЙ CARLED KOATT Ontario OOther Plan and Sublot Number ordinates Zone lorthing Municip Sel balon NAD 8 3 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) (6B) Depth (m/ft) General Description Most Common Material Other Materials General Colour NPTH Well# 18420TREL MW036 5030369N ODO 6.H 104201970 5030369A MUDT-AXD 0,00 10, MNO7-FIXD MNZ P.COH 1947017475030169 000600 18470183E1503033N 184701ELE FO30393N 0,00 TMWO1. 68 **Results of Well Yield Testing** Annular Space Type of Sealant Used After test of well yield, water was: Draw Down Recovery /olume Placed Depth Set at (m/ft) 0,00 abre Bonteritegne Water Level Time Water Level Time Clear and sand free (m³/ft³) (min) (m/ft) (m/ft) (min) Other, specify Static If pumping disconting ued, give reason Leve 1 1 Pump intake set 2 2 3 3 (GRM) Pumping rate (I/min Method of Construction Well Use 4 4 Diamond Commercial Not used Cable Tool Public Duration of pumping Dewatering Jetting Domestic Municipal Rotary (Conventional) NA Monitoring 5 5 hrs + Rotary (Reverse) Driving Test Hole Livestock Boring Final water level end Irrigation Cooling & Air Con umping (m/ft) Digging 10 10 Air percussion 🗌 Industrial 15 Other, specify Other. spe 15 If flowing give rate GPM) Construction Record - Casing Status of Well 20 20 Open Hole OR Material th (m/ft) Water Supply Recommended p Inside Wall Diamete (cm/in) (Galvanized, Fibreglass, Concrete, Plastic, Steel) Thicknes (cm/in) Replacement Well 25 25 From То Test Hole Recommended pu 30 30 Recharge Well (I/min / GPM) Dewatering Well 40 40 Observation and/or Well production (V Monitoring Hole 50 50 Alteration ected? (Construction) 60 60 Yes 🗌 No Abandoned, Insufficient Supply Construction Record - Screen Map of Well Location 7 Abandoned, Poor the back Outside Diameter (cm/in) (*m/ft*) Water Quality ease provide OT Material Abandoned, other, 3/3 Slot No (Plastic, Galvanized, S From To Enstruction La Sunt Other, specify Hole Diameter NA Water Details MWO36 Untested Diameter Water found at Depth Kind of Water: Fresh Depth (m/ft) MOZ Ťο (cm/in) From MWOTHXD (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested X TMWE MUOTAXAD (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify Well Contractor and Well Technician Information Vell control of the No Business Name o DRIMME INC PARENHAM & REFER to caller 9, 157 FILE AROHES AR. -102-0026 for exact 1 XO Stanton and Ceybeno Ca Ministry Use Only Audit No. Z PETER Name) 91952 ackage XYes 10001230. -FEB 0 2 2009 No

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) Ontario	Ministry of the Environ	ment	Well Tag No. A 082447	7	Well Record Regulation 903 Ontario Water Resources Act
Measurements recorded in	n: 🗌 Metric	Imperial	A082447		Page of
Mall Owner's Information	41				

275 Dunrobin	R.J. West	- Car	leton 1 2 2	1	3
County/District/Municipality Of TaWa-Carletor	City/Town/Vil			Province Ontario	Postal Code
UTM Coordinates Zone Easting	Municipal Pla	an and Sublot	Number	Other 51	
NAD 8 3 5 7 401 8 1000			- 10290		- 1
General Colour Most Common Material	Other Materials		General Description	1	Depth (m(n) From
Dand a	nestone	vel		0	0 89'
Grey Lin	nestone			C	59 140
Annular Space			Results of We	ell Yield Testing	
Depth Set at (m/ft) Type of Sealant Us From To (Material and Type	ed Volume	Placed	After test of weilyreld, water was	Draw Down	Recovery
		8	Dther, spedity	(min) (mm) Static 70.3	(min) (n(n)
98' 88' Neat Cement ' 88' O Bentonites	Jury 31	.8	If pumping discontinued, give reason.	Level	46.6
	4		Pump intake set at (m(t))	129.5	1 2813
			Pumping rate (Vmin / (PM))	3 31. ]	3 73
Method of Construction	Well Use	Not used	20	4 29.4	421.2
Rotary (Conventional) Jetting     Rotary (Reverse) Driving	Municipal	Dewatering Monitoring	Duration of pumping hrs + min	5 41.3	5 20.8
Boring Digging Irrigation	Cooling & Air Condition	oning	Final water level end of pumping	10 44.6	10 20.3
Other, specify Other, spe			If flowing give rate (I/min + GPM)	15 45.7	15
	Depth (m/ft) Status	of Well Supply	Recommended pump depth (matt)	20 46	20
Diameter (Galvanized, Fibreglass, Thickness (cmvln) Concrete, Plastic, Steel) (cmvln) Fro	m To Replace	ement Well	(2 HP) 100 Recommended pump rate	25 46.1	25
6" Steel ,188 +2	98' Rechan	·	(Vinin / (PM)	30 46.0	30
6" openhole 98		ation and/or ing Hole	Well production (I/min / GPM)	40 4614	40
	Constr	uction)	Disinfected?	50 465 60 46.6	
Construction Record - Screen	Abando Insuffici	ient Supply	/	ell Location	
Outside Material Stot No.	Depth (m/ft) Water C		Please provide a map below following	instructions on the b	Diack.
(cm/in) (Plastic, Garvanized, Steel) Fro	m To Specify		•	Dolar	pkway
	[] Other, a	specify	Thomas A	1	
Water Details	Hole Diame	ter		80° [] #	2751 .
Water found at Depth Kind of Water: Fresh Vinter	rsted Depth (m/ft) From To	Diameter (cm/in)	1 A	-	2151 Dunrobir Rd.
Water found at Depth Kind of Water: Fresh VUnte	isted 0 ['40'	6"	Ð	160'	Rd.
Water found at Depth Kind of Water: Fresh Unter	sted		C C		
(m/ft) Gas Other, specify Well Contractor and Well Techr	isian Information				
Business Name of Well Contractor	Well Contractor's	Licence No.		l	
AIR ROCK DRILLING CO ( Business Address (Street Number/Name)	Municipality		Comments:		
Province Postal Code Business E-mail	Richm	ond	-		
ont KOAZZO			Well owner's Date Package Delivere		try Use Only
Bus. Telephone No. (inc. area code) Name of Well Technic			package delivered Date Work Completed	03 Audit No.Z	94768
Well Technician's Licence No. Signature of Technician and/o		102	No 2008	02 A	PR 1 4 2009
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Measurer	Ontari	O the E	try of nvironmer Metric [	nt ] Imperial	Well Tag	g No. (Place Sticker a	and/or Prin	t Below)	Regula	ation 903			Record
12 16 21 21 14	111111111111	formation											
First Nam	e		Last Name	-			E-m	ail Address					Constructed /ell Owner
Mailing Ad	ddress (Stre	eet Number/Na	ime)	f Ottav		lunicipality	Prov	ince	Postal C	ode	Telephone		
100 C	Constel	lation Ca	res.			Ottawa	On	itario	K2G 1	J9	613 580	242	24
Well Loc		ation (Street Nu	mborillama		T	augusta in			Let		Concession		
MW07		ation (Street NU	imber/Name	9		ownship West Carleton			Lot 1		Concession 3	1	
	istrict/Muni	cipality				ity/Town/Village		-	1		vince	Posta	I Code
	wa Car					Dunrobin					tario		
	8 3 1	ne Easting 8 42013		lorthing 503040		funicipal Plan and Sub	lot Number	r		Othe	er		
					-	rd (see instructions on th	e back of thi	is form)		nunn			
General (			mon Materia			er Materials			ral Descrip	tion		Dep	oth ( <i>m/ft)</i> To
													10
			Annula								eld Testing		
Depth S From	Set at ( <i>m/ft)</i> To		Type of Se (Material a			Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )		of well yield, v ar and sand fr			Praw Down Water Leve		ecovery Water Level
6.5	0	Bentoni			uted 2"	1 1		er, specify		(mir		(min)	(m/ft)
							If pumpin	g discontinue	d, give reas	on: Stati			
										1		1	
							Pump int	take set at (m	/ft)	2		2	
Met	hod of Co	onstruction			Well Use	3	Pumping	rate (Vmin / C	SPM)	3		3	
Cable T	ool Convention:	Diamono		iblic mestic	Commen		Duration	of pumping		4		4	
Rotary (		Driving		/estock	Test Hole		h	irs +m	in	5		5	
Boring	ussion	Digging		igation dustrial	Cooling &	Air Conditioning	Final wate	er level end of	pumping (r	n/tt) 10		10	
Other, s				her, specify _			If flowing	give rate (Vm	in / GPM)	15		15	
	Co	Instruction R	ecord - Ca	sing		Status of Well		give rate (min		20		20	
Inside Diameter		ed, Fibreglass,	Wall Thickness	Dept	h ( <i>m/ft</i> )	Water Supply	Recomm	ended pump	depth (m/f	7)			
(cm/in)		, Plastic, Šteel)	(cm/in)	From	To	Replacement Well     Test Hole	Recomm	ended pump	roto	25		25	
						Recharge Well	(I/min / G)		rate	30		30	
						<ul> <li>Dewatering Well</li> <li>Observation and/or</li> </ul>	Well proc	duction (I/min )	/ GPM	40		40	
						Monitoring Hole			0.111	50		50	
						(Construction)	Disinfecte			60		60	
	0	onstruction R	acord Corr			Insufficient Supply	100		Man of	Well Lo			
Outside		faterial		The second second	h ( <i>m/ft</i> )	Abandoned, Poor Water Quality	Please pr	ovide a map b			tions on the b	ack.	212223444
Diameter (cm/in)		alvanized, Steel)	Slot No.	From	То	Abandoned, other, specify				13		1	1
									8 MW07-	12		/	R
						Other, specify			MW07-	12 3		,	
		Water Det	alla			la Dissector				0,80			
Water four	nd at Depth	Kind of Water		Untested	and the second se	(m/ft) Diameter				00			
		Other, spe			From	To (cm/in)							
		Kind of Water		Untested				7	HOMI	75 Z	DOLAN		
		Other, spe Kind of Water	-	Untested									
		Other, spe		Jontoolog						(			
	W	ell Contracto	r and Well	Technicia	n Informati	on							
		Il Contractor				Contractor's Licence No.							
Capita Business A	ddress (Str	r Supply eet Number/Na	Ltd.			5 5 8 icipality	Comment	e.					
Box 49	,					ittsville	Commona	a.					
Province	P	ostal Code		E-mail Add	Iress								
Ontari		2S 1A6	offi	ce@ cap	oitalwat	er.ca	Well owne information		ckage Deliv	ered	Minist	ry Use	Only
		area code) Na					package delivered	YYY		d à N	Audit No.	95	303
Well Technici	ian's Licence	No. Signature	recipicia	n and/or Co	ntractor Date	Submitted	Yes	Date Wo	ork Complet	ed			3 2009
0 0	9	7 HU	2h-		A	090511	X No	2 0	0.9.0	5 o1 o1	Received		
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	ntario		vironment	t Imperial	Well T	ag No. (Place Sticker a	nd/or Print Below)	Regulation	903 O			ources Act	
	ner's Info			1111111		HERITAL STREET			11111	Later Mer	17111	HINROP ST	
First Name	2111221222		ast Name /	Organizat	ion		E-mail Address					Constructed	
Mailine Add	danag (Ctang	t Number/Nee	City o	f Otta	awa	Municipality	Province	Postal Code	1	elephone N	*	area code)	
-		t Number/Nam				Ottawa	Ontario	K2G 1J9		613 580			
Well Loca		1011 010				orra							
		on (Street Nur	nber/Name)			Township		Lot	(	Concession			
TMW-13		aalihu				Kanata City/Town/Village		27	Provine	4 ce	Posta	Code	
-	trict/Municit Carlet	-				Dunrobin			Onta		1		
UTM Coordi	inates Zone	Easting		orthing		Municipal Plan and Subl	ot Number		Other				
	8 3 1 8			50303									
Overburde General Co		Most Comm	and the second			cord (see instructions on the other Materials		eral Description		Depth (m/ft) From To			
Depth Se	et at (m/ft)		Annular Type of Se		d	Volume Placed	After test of well yiek	Results of Wo	Dra	aw Down		ecovery	
From	То		(Material a		-	(m³/ft³)	Clear and sand	l free	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)	
6.6	0	Bentoni	íte Cem	ent G	rout	1 1 1 1 1 1 1 1 S 1 1 1	Other, specify	ued give reason:	Static	hing	1111111	hing	
		1	l inch	diam.				aca, give reacon.	Level				
								( (9))	1	di Victoria	1		
							Pump intake set at	(11011)	2		2		
					Well	144	Pumping rate (I/min	/ GPM)	3		3		
Cable To		Diamond		ublic	Com				4		4		
Rotary (0	Conventional	,		omestic	Munic		Duration of pumping	g min	5		5		
Rotary (F Boring	Reverse)	Driving		estock igation	Coolin	Hole Monitoring	Final water level end		10		10		
Air percu			🗌 Inc	dustrial									
Other, s		- t		ther, speci	у	Status of Well	If flowing give rate (	Vmin / GPM)	15		15		
Inside	-	e OR Material	wall		pth (m/ft)	Water Supply	Recommended pur	np depth (m/ft)	20		20		
Diameter (cm/in)	(Galvanize	ed, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well			25		25		
			12			Test Hole     Recharge Well	Recommended pur (I/min / GPM)	np rate	30		30		
						Dewatering Well			40		40		
-						<ul> <li>Observation and/or Monitoring Hole</li> </ul>	Well production (I/m	nin / GPM)					
						Alteration (Construction)	Disinfected?		50		50		
					-	Abandoned,	Yes No	Sector Sector	60		60		
	C	onstruction R	ecord - Scn	1	THE REAL	Abandoned, Poor	Discourse	Map of W					
Outside Diameter (cm/in)		aterial Ivanized, Steel)	Slot No.	De From	ppth ( <i>m/ft</i> ) To	Water Quality Abandoned, other, specify	Please provide a ma	p below tollowing	i instructi	ions on the b	аск.	1×	
(11	n/ft) 🗌 Gas	Water Det Kind of Wate Other, spe Kind of Wate	r: Eresh ecify		From	Hole Diameter epth (m/ft) Diameter To (cm/in)		Mary Dunk	-	DTHW JRD.	-13		
Water four	nd at Depth n/ft)Gas	Other, spe Kind of Wate	r: Fresh		_		Turner and	Dunk					
Business N	W lame of Wel	ell Contractor	or and Wel	Technie		Nation Well Contractor's Licence No.	1						
		Supply				1 5 5 8							
Business A	Address (Stre	eet Number/Na				Municipality	Comments:						
Box 49 Province		ostal Code	Rusiner	s E-mail /		Stittsville	-						
Ontari Bus.Telepho	o kone No. (inc.	2S 1A6	off ame of Well	ice@ Technicia	capital n (Last Nam	water.ca le, First Name)	information	Package Deliver		Audit No.	try Us	e Only 5 <b>3</b> 01	
613 83 Well Technic		No. Signature	Miller of Technici	, Step an and/or	phen Contractor	Date Submitted	Yes Date	Work Completed					
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	wner's Info	ormation			Shirting								111	
First Nam	ne			Organization of Otta				E-mail Address					Const /ell Ow	tructed
_	ddress (Stree		ame)	OI ULLA		Municipality		Province	Postal Code	1	Telephone I			
100 ( Well Lo	Constell	ation C	res.			Ottawa	11111	Ontario	K2G 1J9		613 58	24	24	
10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	of Well Locat	ion (Street N	umber/Name	e)		Township			Lot		Concession	1		
MW03-	-7 District/Munici	polity.				Kanata			3		4			
	va Carle					City/Town/Village				Provin Ont	nce ario	Posta	I Code	e
UTM Coor	rdinates Zone	e Easting		Northing		Dunrobin Municipal Plan and Sub	olot Nur	mber		Other				
and the second se	0 8 3 1 den and Be			5030372 onment Se		ord (see instructions on th	he back	of this form)						
General			mon Materia			ner Materials			al Description	124343		Dep	pth (m/	/ft) To
			Annula	rSpace				p	esults of We	Viel Viel	d Tasting			
Depth S From	Set at ( <i>m/ft)</i> To		Type of Se	alant Used	1110311111	Volume Placed		r test of well yield, w	vater was:	Dr	aw Down		ecove	ry
6.5	0	Bonton	(Material a	na Type) nent Gro		(m <sup>3</sup> /ft <sup>3</sup> )		Clear and sand fre Other, specify	96	Time (min)	Water Level (m/ft)	Time (min)	Water (m	
0.0	Ŭ				Juc		lf pu	mping discontinued	l, give reason:	Static Level				
		2	inch d	liam.						1		1		
							Pum	np intake set at (m	/ft)	2		2		
Mat	thod of Cor						Pum	ping rate (I/min / G	(PM)	3		3		
Cable T		Diamon	d 🗌 Pu	Iblic	Well Us Commer					4		4		
Rotary (	(Conventional) (Reverse)	Jetting		omestic vestock	Municipa		Dura	ation of pumping hrs + mi	in	5		5		
Boring		Digging	🗆 Im	igation		& Air Conditioning	Final	water level end of	pumping (m/ft)	10		10		
Air perce				dustrial her, specify _			If flow	ting also rate (line		15		15		
	Con	struction R	ecord - Ca	sing	en de la compañía de	Status of Well		wing give rate (I/mi	n / GPM)	20		20		
Inside Diameter	(Galvanized	OR Material d, Fibreglass,	Wall Thickness		(m/ft)	Water Supply	Reco	ommended pump	depth (m/ft)					
(cm/in)	Concrete, F	Plastic, Steel)	(cm/in)	From	То	Test Hole	Reco	ommended pump	rate	25		25		
						Recharge Well		1 / GPM)		30		30		
						Observation and/or Monitoring Hole	Well	production (Vmin /	GPM)	40		40		
						Alteration (Construction)	Disin	fected?		50		50		
						Abandoned, Insufficient Supply	X	Yes No		60		60		
Outside		nstruction R	ecord - Scre	Depth	(m/P)	Abandoned, Poor Water Quality	Pleas	se provide a map b	Map of We			ick	( estimate	
Diameter (cm/in)		/anized, Steel)	Slot No.	From	То	Abandoned, other, specify Other, specify			DUNROBIN			,	N	1
Water four	nd at Depth	Water Det Kind of Water		Untested		n (m/ft) Diameter		THO	MAS DO	LAI	5			
(17	n/ft) 🗌 Gas	Other, spe	cify		From	To (cm/in)			S.		0		~	
	nd at Depth H n/ft) Gas	Kind of Water Other, spe		Untested							(X) M	w03	-/	
	nd at Depth		-	Untested					,					
(17	n/ft) Gas		-											
Business N	Wel ame of Well (	Il Contracto Contractor	r and Well	Techniciar		on Contractor's Licence No.								
	1 Water				1	5 5 8								
Box 490			,		S	nicipality tittsville	Comn	nents:						
Province Ontario	o K2	stal Code	offi	E-mail Addr	ess nitalwa	ter ca	Well of inform	owner's Date Pac	kage Delivered		Ministr	y Use	Only	
613 836	one No. <i>(inc. al</i> 5   <b>1766</b>   ian's Licence N		Mille	r, Step	hen	-	packa deliver	ge Y Y Y	Y M M D			95	2010-07	
0 0	9 7		h	and/or Con		Submitted	X		9051	1	JUN	23	200	19
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	ntaric		vironment	nperial	Well Tag	No. (Place Sticker an	d/or Print Below)	Well Record Regulation 903 Ontario Water Resources Ad Page of						
Well Own				12.111111111	man				860		ti ti ti			
First Name	ler s init		st Name / C	rganization			E-mail Address					Constructed		
			2	Ottawa				Dentel Certe	-	alaphana M	-	II Owner		
Mailing Addr	ress (Stre	et Number/Nam	e)			unicipality	Province	Postal Code		elephone No	· · ·			
		ation Cres	5.			Ottawa	Ontario	K2G 1J9	11215353	613 580	242	.4		
Well Locat		tion (Street Num	her/Name)		T	ownship		Lot	(	Concession	122718			
TMW-14	Well Locat	Join (Street Hom	bonnanno)			Kanata		27		4				
County/Dist	rict/Munic	ipality			C	ity/Town/Village			Province		Postal	Code		
Ottawa	Carlet	ton				Dunrobin	1 March 1 a		Onta Other	1r10				
UTM Coordin				rthing		lunicipal Plan and Sublo	t Number		Other					
NAD				03 0382		rd (non-instructions on the	back of this form)		aane		1448			
Overburde General Co		Most Comm		nment Seall		rd (see instructions on the er Materials	Gene	eral Description	1		Dep	th ( <i>m/ft</i> ) To		
			Annular			Volume Placed	After test of well yield	Results of W water was:		d Testing aw Down	R	lecovery		
Depth Se From	etat( <i>m/ft</i> ) To		Type of Sea (Material an			(m³/ft³)	Clear and sand			Water Level	Time	Water Level		
6.6	0	Cement 1			-		Other, specify		(min) Static	(m/ft)	(min)	(m/ft)		
0.0	0				6		If pumping discontinu	ed, give reason:	Level					
		1	inch d	iam.					1		1			
							Pump intake set at	(m/ft)	2		2			
-									-					
					Well Us		Pumping rate (I/min	/ GPM)	3		3			
Cable To		onstruction	D Pu	blic [	Comme				4		4			
Rotary (C					Municip		Duration of pumping hrs +	g min	5		5			
Rotary (F	Reverse)	Driving			Test Ho		Final water level end							
Boring	recipe	Digging		gation [ lustrial	_ Cooling	& Air Conditioning	Final water level end	or pumping (new	10		10			
Other, sp				ner, specify			If flowing give rate (	Vmin / GPM)	15		15			
	C	onstruction Re	ecord - Cas	sing	1101111	Status of Well			20		20			
Inside		ole OR Material	Wall	Depth	( <i>m/ft</i> )	Water Supply	Recommended pur	np depth (m/ft)	05		0.5	-		
Diameter (cm/in)		zed, Fibreglass, e, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well     Test Hole	-		25		25			
-						Recharge Well	Recommended pur (Vmin / GPM)	np rate	30		30			
						Dewatering Well			40		40			
						<ul> <li>Observation and/or</li> <li>Monitoring Hole</li> </ul>	Well production (Vm	nin / GPM)	50		50			
				C		Alteration (Construction)	Disinfected?		- 50		50			
						Abandoned,	Yes No	4.4.2.5.2	60		60			
20220101010	22212224	Construction R	ecord - Scre	en	120213422	Insufficient Supply								
Outside Diameter <i>(cm/in)</i>		Material Salvanized, Steel)	Slot No.	Depth From	( <i>m/î</i> t) To	Water Quality Water Quality X Abandoned, other, specify Other, specify	Please provide a ma		g instruc		ack.	R		
(n Water four (n Water four	n/ft) Ga nd at Dep n/ft) Ga nd at Dep	Water Det th Kind of Water as Other, spe th Kind of Water as Other, spe th Kind of Water	r: Fresh ecify r: Fresh ecify r: Fresh	Untested	the second se	tole Diameter oth (m/ft) Diameter To (cm/in)		DUNROBIN		(К) т н ш	-14	r		
(1		as Other, spe												
Business		Well Contractor	or and Wel	Techniciar		ation ell Contractor's Licence No.	1							
		er Supply	Ltd			1 5 5 8								
		er Supply itreet Number/Na				unicipality	Comments:							
Box 49						Stittsville								
Province		Postal Code		s E-mail Add	ress			Dashers D. F	ro d	PAT-T	tere 11	o Only		
	ione No. (ir	K2S 1A6	ame of Well		ast Name	, First Name)	linformation package delivered	Package Delive	DD	Audit No.	12011	5298		
Well Technic	clan's Licen	5 ice No. Signature 7	Tille Technici		ntractor Da	ate Submitted	Yes	), 0, 9, 0, 5,			23	2009		
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Measurer			nvironment	mperial	ell Ta	<b>g No.</b> (Place Sticker a	and/or Print Below		n 903 (		/ater Re	Record
		nformation										
First Nam	le		Last Name / C City o	of Ottawa			E-mail Add	ress				Constructed /ell Owner
		treet Number/Na ellation C	me)			Municipality Ottawa	Province Ontari	o K2G 1J9		Telephone 613 5	e No. (inc	: area code)
Well Loo	2101110											
Address o MW07-		cation (Street Nu	imber/Name)			<sup>rownship</sup> Kanata		Lot 27		Concessi	on 4	
County/Di	istrict/Mu		5.		(	City/Town/Village		27	Provi			al Code
UTM Coor	wa Car dinates	rleton <sup>Zone</sup> Easting	I No	thing		Dunrobin Municipal Plan and Subl	ot Number		Other	ario		
	83			030371								
General (			mon Material	iment Sealing		ord (see instructions on the er Materials		General Description	1		De	pth ( <i>m/ft</i> ) To
											11011	10
			Annular	ipace	11110			Results of W	ell Yiel	d Testing	1	
Depth S From	Set at ( <i>m/f</i>	Ŋ	Type of Seala (Material and	ant Used		Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	After test of well	yield, water was:	Dr	aw Down Water Lev	F	Recovery Water Level
9.9	0	Bentoni	te Cemen			(11711)	Other, spec	ify	(min)	(m/ft)	(min)	(m/R)
		2	inch dia	m.			If pumping disco	ntinued, give reason:	Static Level			
							Pump intake set	at (m/ft)	1		1	
							in any many of	e de filolog	2		2	
111111111111111111		Construction		and the second se	ell Us	e	Pumping rate (V	min / GPM)	3		3	
Cable To Rotary (		Diamono () Diamono () Diamono	I Publ		ommer Iunicipa		Duration of pum	ping	4		4	
Rotary ( Boring	Reverse)	Driving	Lives	house of the second	est Hol		hrs +	min end of pumping (m/it)	5		5	
Air perci			Indu:		oomig	a Air conditioning		ond or partipling (nin)	10		10	
		Construction R			11111	Status of Well	If flowing give ra	te (Vmin / GPM)	15		15	
Inside Diameter	Open	Hole OR Material nized, Fibreglass,	Wall Thickness	Depth (m/ft)	)	Water Supply	Recommended	pump depth (m/ft)	20		20	
(cm/in)		ete, Plastic, Steel)	(cm/in)	From T	0	Replacement Well     Test Hole	Recommended	pump rate	25		25	
						Recharge Well     Dewatering Well	(I/min / GPM)	pamp rate	30		30	
						Observation and/or Monitoring Hole	Well production	(Vmin / GPM)	40		40	
						Alteration (Construction)	Disinfected?		50		50	
						Abandoned, Insufficient Supply	Yes 🗌 No		60		60	
Outside		Construction R	ecord - Scree	n Depth (m/ft)		Abandoned, Poor Water Quality	Please provide a	Map of We map below following			back.	
Diameter (cm/in)	(Plastic,	Galvanized, Steel)	Slot No.		0	Abandoned, other, specify						Ź
		Water Det oth Kind of Water as Other, spe	: Fresh		and the second second second	n (m/ft) Diameter To (cm/in)		THOMAS D	OLA	N	0	
(n Water foun	n/ft) G	oth Kind of Water	cify Fresh					BUNDED		Μw	107-	21D
(m		as Other, spe		echnician Info	ormati	on						
	lame of V	Vell Contractor			Wel	Contractor's Licence No.						
Capita Business A	ddress (S	er Supp1y Street Number/Na	Ltd.		1 Mur	5 5 8 hicipality	Comments:					
Box 49 Province		Postal Code		-mail Address		tittsville						
Ontari Bus.Telepho	one No. (ii	K2S 1A6 nc. area code) Na	offi me of Well Teo	ceacapit chnician (Last Na	ame, F	First Name)	information package	ate Package Delivered	. 11	Audit No.		Only
613 83 Vell Technici	6 176 ian's Licen	6 Signature	of Technician	Stephen and/or Contracto	or Date	Submitted	delivered Di	ate Work Completed				
0 0	9	7 Jul	hom	_	210	09051	X <sup>№</sup> 2	0 0 9 0 5	1 1	10001100		2009
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Po	)ntar		nvironment		g No. (Place Sticker a	nd/or Print Below)	Regulatio	n 903 (	We Ontario Wate		ecord
Measurem			Metric Imp	perial					Page	_	of
Well Ow First Name		nformation	Last Name / Org	anization		E-mail Address		11111			
1 100 100110			City of								onstructed I Owner
-		reet Number/Na	ime)		lunicipality	Province	Postal Code		Telephone No	. (inc. s	irea code)
		llation Ci	res.		Ottawa	Ontario	K2G 1J9		613 580	2424	4
Well Loc Address of	14171014	ation (Street Nu	mber/Name)	T	ownship		Lot	11111	Concession		
MW07-1	17D				lest Carleton-	Torbolton	1		4		
County/Dis				c	City/Town/Village			Provin Ont		Postal	Code
Ottawa UTM Coord	a Carl dinates Z	one Easting	, North	ing M	Dunrobin Iunicipal Plan and Subl	ot Number		Other	a110		
NAD	8 3 1	8 42014	5 50	30331							
					rd (see instructions on the					Deoti	h ( <i>m/l</i> t)
General C	Colour	Most Com	mon Material	Oth	er Materials	Gene	eral Description	1	F	rom	То
			Annular Sp	ace		and the second se	Results of We		the state of the s		
Depth Se From	et at ( <i>m/ft)</i> To	)	Type of Sealan (Material and T		Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	After test of well yield, Clear and sand f			aw Down Water Level 1		covery Vater Level
9.9	0	Benton	ite Cement			Other, specify		(min)		min)	(m/tt)
	Ŭ					If pumping discontinue	ed, give reason:	Static Level			
		Ζ.	inch diam	•				1		1	
						Pump intake set at (r	m/ft)	2		2	
						Pumping rate (Vmin /	GPM	3		3	
	deal of the local data and	Construction	d Public	Well Use	A COLORADO CONTRACTOR OF COLORADO CONTRACTOR OF COLORADO CONTRACTOR OF COLORADO CONTRACTOR OF COLORADO CONTRACT	i unping tais (minis	or my	4		4	
Cable To Rotary (		nal) Diamon	Domes			Duration of pumping		5		5	
Rotary ( Boring	Reverse)	Driving	Livesto		e Monitoring & Air Conditioning	Final water level end of	min of pumpina <i>(m/t</i> t)			-	
Air percu		L Digging	Industr	ial	a fur conducting		a bandan G (na y	10		10	
Other, s			_ Other,		0	If flowing give rate (V)	min / GPM)	15		15	
Inside		Hole OR Material	Wall	Depth (m/ft)	Status of Well Water Supply	Recommended pum	p depth (m/ft)	20		20	
Diameter (cm/in)	(Galvar	te, Plastic, Steel)	Thickness	From To	Replacement Well			25		25	
					Test Hole     Recharge Well	Recommended pum (I/min / GPM)	p rate	30		30	
					Dewatering Well     Observation and/or			40		40	
					Monitoring Hole	Well production (Vmir	n / GPM)	50		50	
					(Construction)	Disinfected?		60		60	
					Abandoned, Insufficient Supply	Yes No				00	
Outside	10000000	Construction R Material	lecord - Screen	Depth (m/ft)	Abandoned, Poor Water Quality	Please provide a map	Map of W below following			k.	
Diameter (cm/in)	(Plastic,	Galvanized, Steel)	Slot No.	From To	<ul> <li>Abandoned, other, specify</li> </ul>						
											A
					Other, specify		-11		1607-17		Ž
		Water De	tails	H	ole Diameter		DUNROBIN	0 1	YW07-17	D	/.
Water four	nd at Dep	and the second se	r: Fresh	Intested Depti	h (m/ft) Diameter		201				
		as Other, spe		From	To (cm/in)		Siz				
		as Other, spe	er: Eresh U ecify	Intested							
			r: Fresh	Intested		7	THOMAS	DOL	RN		
(7	_	as Other, spe									
Business N		Well Contractor	or and Well Tee	chnician Informati	ion Il Contractor's Licence No.						
		er Supply	Ltd.		5 5 8		1				
Business A	ddress (S	treet Number/Na		Mur	nicipality	Comments:					
Box 49 Province	0	Postal Code	Business E-r	mail Address	tittsville						
	0			_	ater.ca	Well owner's Date P	Package Delivere	d	Ministry	/ Use	Only
Bus. Telepho	one No. (ir	nc. area code) Na		ea capitalwa nnician (Last Name, F		package Y Y	YYMM	o o	Audit No.	95	302
613 83 Well Technic	o 176 ian's Licen	b ce No. Signature	Miller, of Technician a	Stephen nd/or Contractor Date	e Submitted	Yes Date V	Vork Completed		111N 2 3	2009	
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Measurem	Intari	_	nvironmen	t Imperial	Well Ta	ag No. (Place Sticker a	and/or Print B	lelow)	Regulation	n 903 C	Dontario Wate Page		ecord
Well Ow	ner's In	formation			and a second second					11111	·	144213	
First Name			Last Name /	Organizatio	n		E-mail	Address		4143531			Constructed
Mailing Ad	Idress (Str	eet Number/Na	City (	of Otta		Municipality	Provinc	æ	Postal Code		Telephone N		area code)
	,	lation Ci	,			Ottawa	_	ario	K2G 1J9		613 580		
Well Loc		Ideron of				occura	Once		REO 103	1111	010 000	474	
		ation (Street Nu	mber/Name)	)		Township			Lot		Concession		
MW07- County/Dis		cipality				West Carleton- City/Town/Village	Torbolt	on	1	Provin	3	Postal	Code
	a Carl					Dunrobin				Ont			0000
UTM Coord	dinates Zo	ne Easting		orthing		Municipal Plan and Sub	lot Number			Other			
the second se	831			5030387									
General C			non Material			ord (see instructions on th her Materials	e back of this fo	A DECEMBER OF THE OWNER OF THE	al Description				th ( <i>m/ft</i> )
												From	То
Thereis			Annular	Space			1.00		esults of We	ell Yiel	d Testing		
Depth Se From	et at ( <i>m/ft</i> ) To		Type of Sea (Material an			Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	After test of	well yield, wa			aw Down Water Level		ecovery Water Leval
6.70		Cement	Bentoni		ut	(11711)	Other,		e	(min)	(m/ft)	(min)	(m/ft)
0.70	Ŭ		2 inch d		ac		If pumping o	discontinued,	give reason:	Static Level			
							Duran intel	a ant at (m)	2)	1		1	
							Pump intak	e set at (m/	rt)	2		2	
Moti	had of C	onstruction			Well U		Pumping ra	ite (Vmin / Gi	PM)	3		3	
Cable To		Diamono	i 🗌 Pu	blic	Comme					4		4	
Rotary (		-		mestic	Municip		Duration of hrs		n	5		5	
Rotary (F     Boring	Reverse)	Driving		estock gation	Test Ho Cooling	a & Air Conditioning			oumping (m/lt)	10		10	
Other, s				lustrial her, specify			14 A.						
U Other, sy		onstruction R				Status of Well	If flowing give	ve rate (l/mir	n / GPM)	15		15	
Inside		ole OR Material	Wall	1	n ( <i>m/ft</i> )	Water Supply	Recommen	ded pump o	depth (m/ft)	20		20	
Diameter (cm/in)		zed, Fibreglass, e, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well				25		25	
						Test Hole     Recharge Well	Recommen (Vmin / GPM		ate	30		30	
						Dewatering Well	Unit / GFM	<i>"</i>		40		40	
						Observation and/or Monitoring Hole	Well produc	ction (Vmin /	GPM)				
						Alteration (Construction)	Disinfected?	,		50		50	
						Abandoned,	Yes [	No	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	60		60	
	(	Construction R	ecord - Scre	en	and the second	Insufficient Supply			Map of W				
Outside Diameter		Material Salvanized, Steel)	Slot No.	Depth From	1 ( <i>m/ft</i> ) To	Water Quality	Please provi	ide a map be	elow following	Instructi	ons on the ba	CK.	
(cm/in)		,		- Tom	10	specify		$\overline{\mathcal{A}}$		>			
						Other, specify	M	w07-13	N.C.				1
									261				$\varkappa$
		Water Det	r: Fresh	Untested		th (m/ft) Diameter To (cm/in)			N KA	5			
		S Other, spe	-	Untested			11 .						
		s Other, spe						THO	HHS 3	DOM	4n)		
Water foun	nd at Depth	h Kind of Wate	r: Fresh	Untested					,				
(m		s Other, spe	-										
Business N		Vell Contractor	or and Well	Technicia		tion ell Contractor's Licence No.							
		er Supply	Ltd.			1 5 5 8							
	,	reet Number/Na	ime)			unicipality	Comments:						
Box 49 Province		Postal Code	Business	E-mail Add		Stittsville							
Ontar	io	K2S 1A6	off	ice@ca	pitalw	ater.ca First Name)	Well owner's information package		kage Delivere		Ministr Audit No.	1000	
613 8	36 176	6	Miller	r, Step	hen		delivered		Y M M	DD	Z (	195	297
	ian's Liceno	e No. Signature			ntractor Da		Ves V				JUN	23	2009
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Well Ov	vner's Info	rmation											
First Name			_ast Name /	Organizatio	n	****************	22224	E-mail Address		0231216		Well Co	Instructed
				of Otta		a			B 110 1			by Well	
_		et Number/Na				Aunicipality		Province	Postal Code		Carlo Fold		
Well Loc		ation Cr	es.			Ottawa	10000	Ontario	<u>K2G</u> 1J	9	613 580	1 242	.4
STATISTICS.		on (Street Nu	mber/Name)		Г	ownship			Lot	1239248	Concession		
TMW-1						West Carleton	n-Tor	rbolton	1		3		
-	strict/Munici				C	City/Town/Village				Provin Ont		Postal C	ode
	a Carle		N	orthing		Dunrobin Aunicipal Plan and Sub	lot Nur	mber		Offici			
	831		1	503038		numerpart fait and eac							
						rd (see instructions on th	ne back	of this form)		19231			
General C	Colour	Most Comr	non Material		Oth	er Materials		Gene	ral Description	n	F	Depth rom	( <i>m/ft</i> ) To
							T						
				-			1			11 1/2 - 1	17. 1		
Depth S	Set at ( <i>m/ft</i> )		Annular Type of Sea	and the second se	14111111	Volume Placed	Afte	r test of well yield, v	Results of W water was:		d Testing aw Down	Rec	overy
From	То		(Material an			(m³/ft³)		Clear and sand fr		Time	Water Level 1	Time W	ater Level
6.5	0	Bentoni	te Ceme	nt Gro	ut			Other, specify		(min) Static	(m/ft) (	(min)	(m/ft)
			1 inch	diam			If pu	umping discontinue	d, give reason:	Level			
			r men	diam.			11			1		1	
							Pun	np intake set at (n	n/ft)	2		2	
										3		3	
Met	hod of Co	nstruction			Well Us	e	Pun	nping rate (Vmin / 0	GPM)			3	
Cable T		Diamono			Comme	the second se	Dur	ation of pumping		4		4	
Rotary (	Conventional Reverse)	) Driving		mestic estock	Municipa     Test Hol			1 1 0	nin	5		5	
Boring		Digging	🗌 Irrig	gation		& Air Conditioning	Fina	I water level end of	f pumping (m/ft)	10		10	
Air perci				ustrial her, specify						15		15	
		struction R				Status of Well	_ If flo	wing give rate (I/n	nin / GPM)	15		15	
Inside	Open Hole	e OR Material	Wall		h ( <i>m/ft</i> )	Water Supply	Rec	commended pump	depth (m/ft)	20		20	
Diameter (cm/in)		d, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well     Test Hole	11			25		25	
						Recharge Well		commended pump In / GPM)	rate	30		30	
						Dewatering Well				40		40	
						Observation and/or Monitoring Hole	Wel	I production (I/min	/ GPM)	50			
						<ul> <li>Alteration</li> <li>(Construction)</li> </ul>	Disir	nfected?		50		50	
						Abandoned,	K	Yes No		60		60	
	Co	onstruction R	ecord - Scre	en	Hermon .	Insufficient Supply Abandoned, Poor			Map of W				
Outside Diameter		aterial vanized, Steel)	Slot No.		h ( <i>m/ft</i> )	Water Quality X Abandoned, other,	Plea	ase provide a map l	below following	instructi	ions on the bad	K.	
(cm/in)	(Filasoc, Odi	vani200, 0100i)		From	То	specify	11		2				1
						Other, specify	11	K THW-1	HURO S				₹.
							11	THW-	15 6				/
		Water Det	tails		H	ole Diameter	il		Bin				
Water four	nd at Depth	Kind of Wate	r: Fresh	Untested	Dept From	h (m/ft) Diameter To (cm/in)	1		C	h (		-	
		Other, spe				10 (0000)	11	7/7	OMAS	DOL	92		
		Kind of Wate		Untested			11		1				
		Kind of Wate		Untested	-		11		}				
(n	n/ft) 🗌 Gas	Other, spe	cify						,				
		Il Contracto	or and Well	Technicia									
	ame of Well		Test		We	Contractor's Licence No.							
		r Supply et Number/Na			Mu	5 5 8 nicipality	Com	ments:					
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First Name	and the second second		Last Name /	Organization		E-mail Ac	dress			Well (	Constructed
				Ottawa						by We	ell Owner
-		et Number/Na			Municipality	Province	Postal Co K2G 1		Telephone N 613 58		
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Overburg General (			als/Abando non Material		cord (see instructions on the Other Materials	he back of this form	n) General Descript	ion	arentare	Dep	th ( <i>m/ft</i> )
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	E.S.		Annular	Space			Results of	Well Yie	Id Testing		
Depth S From	Set at ( <i>m/ft</i> ) To		Type of Sea		Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )		ell yield, water was:		water Level	_	ecovery Woter Louis
		Denteni	(Material an		(IIT/IC)	Clear and Clear and Other, sp		(min)		(min)	(m/ft)
7.2	0			nt Grout		If pumping dis	continued, give reaso	n: Static			
		2	inch d	iam.				1		1	
						Pump intake	set at (m/ft)	2		2	
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Rotary (	(Conventiona (Reverse)	I) . Jetting		mestic 🗌 Munic estock 🗌 Test H		hrs +	min	5		5	
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Air perc				lustrial ner, specify		If flowing give	rate (I/min / GPM)	15		15	
	Co	nstruction R	ecord - Cas	sing	Status of Well		ide (mini de la)	20		20	
Inside Diameter		le OR Material ed, Fibreglass,	Wall Thickness	Depth (m/ft)	Water Supply	Recommende	ed pump depth (m/ft	)			
(cm/in)		Plastic, Steel)	(cm/in)	From To	Replacement Well     Test Hole	Recommende	d numa rate	25		25	
					Recharge Well     Dewatering Well	(Vmin / GPM)	va pump ioto	30		30	
					Observation and/or	Well production	on (I/min / GPM)	40		40	
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12212635553	6	onstruction R	acord - Scra		Insufficient Supply			Well Lo	cation		
Outside	T	faterial		Depth (m/ft)	Water Quality	Please provide	a map below followi			ick.	
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					Other, specify			0	2		A
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			or and Well	Technician Inform				1			
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Business A	Address (Str	r Supply eet Number/Na	me)	Ν	I S S 8 Municipality	Comments:					
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	ntario		vironmen	t Imperial	Well Ta	g No. (Plac	ce Sticker a	nd/or Print Below)	Regulatio	Well Record gulation 903 Ontario Water Resources Act Page of			
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First Name			ast Name /	-				E-mail Addres	s		[		Constructed
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General Co		Most Comm				er Materials		back of this form) Ge	neral Description	1	1111111111		th (m/ft)
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	et at (m/ft)	111000000000000000000000000000000000000	Type of Sea	alant Used		Volume	Placed	After test of well yiel	d, water was:	11	aw Down	Re	ecovery
From	To		(Material ar			(m	<sup>3</sup> /ft <sup>3</sup> )	Clear and san		(min)	Water Leve (m/ft)	Time (min)	Water Leve (m/ft)
6.40	0	Bentoni	te Ceme	ent Gro	ut			If pumping discontin		Static	111019	(	1
			1 inch	diam.					and an encountry	Level			
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								Pump intake set at	(m/n)	2		2	
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Cable To		Diamond	D Pu	blic	Comme		Not used			4		4	
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Other, sp		truction De		her, specify		Ctatura	-6 Mall	If flowing give rate	(Vmin / GPM)	15		15	
Inside		oR Material	Wall		h ( <i>m/ft</i> )	Water S	of Well Supply	Recommended put	mp depth (m/ft)	20		20	
Diameter (cm/in)	(Galvanized Concrete, P	l, Fibreglass, lastic, Steel)	Thickness (cm/in)	From	То	= .	ement Well			25		25	
						Test Ho     Rechan		Recommended put (Vmin / GPM)	mp rate	30		30	
						Dewate				40		40	
						Monitori	ation and/or ing Hole	Well production (Vr	nin / GPM)				
						Alteratio		Disinfected?		50		50	
						Abando	ned,	Yes 🗌 No		60		60	
	Cor	nstruction Re	ecord - Scre	en	STATES.	Abando			Map of W				
Outside Diameter		erial anized, Steel)	Slot No.	Erom	1 ( <i>m/tt</i> ) To	Water C	Quality ned, other,	Please provide a ma	ap below following	Instructi	ons on the t	ACK.	
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						Other, s	specify			ź		3	$\neq$
										DUNROBIN		/	
	RES HULL	Water Deta		124 Harden		ole Diamet			TMW-16	2			
		Kind of Water		Untested	From	th ( <i>m/ft)</i>   To	Diameter (cm/in)		$\bigotimes$	10			
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Well Ow First Name		Inform		ast Name /	Organizatio	n		E-mail Address		111111		1 Well	Constructed
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General Co	olour		Most Comn	non Materia		Oth	er Materials	Gene	eral Description	٦		From	To
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		201		Annula		9999		After test of well yield,	Results of W		d Testing aw Down		ecovery
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				2 inch	diam.			If pumping discontinu	ed, give reason:	Level			
				2.1.0.1						1		1	
								Pump intake set at (	m/ft)	2		2	
	1			_				Pumping rate (Vmin /	(GPM)	3		3	
Meth Cable To		Cons	truction Diamond	- Pu	blic	Well Us				4		4	
Rotary (C		ional)	U Jetting		omestic	Municipa	a) Dewatering	Duration of pumping hrs +	min	5		5	
Rotary (F     Boring	Reverse)	)	Driving		/estock igation	Cooling	le Monitoring & Air Conditioning	Final water level end					
Air percu			0.994.9	Inc.	Justrial		o fai conditioning			10		10	
Other, sp				_	her, specify_			If flowing give rate (V	imin / GPM)	15		15	
Inside			R Material	Wall		( <i>m/ft</i> )	Status of Well Water Supply	Recommended pum	p depth <i>(m/ft)</i>	20		20	
Diameter (cm/in)	(Galva	anized,	Fibreglass, istic, Steel)	Thickness (cm/in)	From	То	Replacement Well			25		25	
			. ,				Test Hole     Recharge Well	Recommended pum (Vmin / GPM)	p rate	30		30	
							Dewatering Well			40		40	
							Observation and/or Monitoring Hole	Well production (I/mi	n / GPM)	50		50	
							(Construction)	Disinfected?					
							Abandoned, Insufficient Supply	Yes No		60		60	
Outside			struction Re	ecord - Scre		(100.40)	Abandoned, Poor Water Quality	Please provide a map	Map of W			ack	
Diameter (cm/in)	(Plastic	Mater Galvar	rial nized, Steel)	Slot No.	From	( <i>m/ħ</i> )   To	X Abandoned, other,		, seion toisenning	9			77
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			and the second se	r and Well	Technicia	n Informat	ion	i)		B			
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					ac			If pumping d	iscontinue	d, give reason:					
		4	2 Inch	uram.							1		1		
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								Pumping rat	e (Vmin /	GPM)	3		3		
ALL				ublic			Not used				4		4		
Rotary (	Conventional	) 🗌 Jetting		omestic	Municip	al 🗌	Dewatering			ain	5		5		
	Reverse)	-													
Air perci			🗆 Inc	dustrial									10		
Other, s		the state of the s				Ctatus	-614-11	If flowing give	e rate (I/n	nin / GPM)	15		15		
Inside					( <i>m/ft</i> )			Recomment	ded pump	depth (m/ft)	20		20		
	(Galvanize Concrete,	d, Fibreglass, Plastic, Steel)		From	То					, , ,	25		25		
										rate	30		30		
							~				40		40		
						Monitori	ing Hole	Well produc	tion (l/min	/ GPM)	50		50		
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( 11 11 11 11 11 11 11 11 11 11 11 11 11	1		ecord - Scr	and the second second second	( <i>m/ft</i> )			Please provi	de a map				ack.		
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Well Own	ner's Info													
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		t Number/Na	me)			Aunicipality			Province Ontario	Postal Code K2G 1J9		Telephone N 613 580		
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General Co	Jour	Most Comr	non Material		Otr	ier materials			Ge	neral Description			From	To
				C				1		Dec. It and	11 14	17		
Depth Set			Annular Type of Sea	lant Used			Placed	Afte	er test of well yiel	Results of We		d Testing aw Down	R	ecovery
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0.5	0	Gement						lf p	sumping discontin	ued, give reason:	Static Level			
			1 100	n diam.							1		1	
								Pu	mp intake set at	( <i>m</i> /ft)	2		2	
Moth	od of Cou	nstruction			Well Us			Pu	mping rate (1/mii	n / GPM)	3		3	
Cable Too		Diamond			Comme		Not used		ration of pumpir	10	4		4	
Rotary (Co	onventional) everse)	) Distring			Municip Test Ho		Dewatering Monitoring		hrs +	_ min	5		5	
Boring	ssion	Digging	Irrig		Cooling	& Air Conditio	oning	Fina	al water level en	d of pumping (m/R)	10		10	
Other, spe			Oth	ier, specify				If fic	owing give rate	(Vmin / GPM)	15		15	
Inside		OR Material	ecord - Cas Wall		n ( <i>m/ft</i> )	Status	of Well	Re	commended pu	mp deoth (m/ft)	20		20	
Diameter (cm/in)		d, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То		ement Well				25		25	
						Rechar	ge Well		commended put nin / GPM)	mp rate	30		30	
						Dewate	ation and/or	We	all production (I/n	nin / GPM)	40		40	
					-	Monitori	n	Dial	infected?		50		50	
D						(Constr Abando	ned,		Yes No		60		60	
0.4114	Co	Instruction R	ecord - Scre		2 Martin	Abando		Die		Map of We		and the second se		
Outside Diameter (cm/in)		aterial vanized, Steel)	Slot No.	From	1 ( <i>m/ft)</i> To	Water C	ned, other,		ase provide a mi	ap below following	insuucu	ons on the b	dun.	F
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						Other, a	specify			THOMAS	Do	LAN		
19111		Water Det	ails		н	ole Diamet	er	il		ζų.				
		Kind of Water		Untested	Dept From	h ( <i>m/ft</i> )   To	Diameter (cm/in)			DUN LOB IN				
		Kind of Water		Untested						1 8				
		Other, spe Kind of Water		Untested						CR		Ø	тМи	)-12
	ft)Gas	Other, spe		oncoled						72		Ø		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Business Nar		Il Contracto	or and Well	Technicia		ion Il Contractor's	Licence No.							
Capital	Water	Supply					5 8							
Business Add Box 490		et Number/Na	me)			nicipality tittsvi	110	Con	mments:					
Province	Po	stal Code		E-mail Add	ress									
Ontario		2S 1A6 area code) Na				ater.ca		infor	rmation	Package Delivere	- 11	Minist Audit No.	ry Use	Only
613 836	1766		Mille	er, Ste	phen			deliv	Date	Y Y Y M M	D.D		95	5291
	in's Licence I	No. Signature	of Technicia	n and/or Co	ntractor Dat		5 1.1		Yes	0 0 9 0 5	1.1		2 2	3 2009
0 0	9 7	120	1 mg	1	N 2	0 9 0	DDD		A	0 0 9 0 5	1 1	Received	1	0 2003

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₽>o	)ntario	Minist O the Er	ry of nvironmen	t	Well Ta	g No. (Place Sticker a	and/or Print Below)	Regulation	n 903 (			Record
Measurem	nents recor	rded in: 🏌 🕅	Metric 🗌	Imperial				riegulation		Page		of
Well Ow	ner's Inf	ormation										
First Name	9	L		Organization			E-mail Address					Constructed
Mailing Ad	dress (Stre	et Number/Na	<u>City o</u> me)	f Ottaw		Municipality	Province	Postal Code		Telephone N	~	ell Owner area code)
-		ation Cr	,			Ottawa	Ontario	K2G 1J		613 58		
Well Loc												
		tion (Street Nu	mber/Name)	)		Township		Lot		Concession		
MW5-P2 County/Dis	: strict/Munic	ipality			(	Kanata City/Town/Village		27	Provin	CB	4 Posta	l Code
Ottawa	Carle	ton				Dunrobin			Onta	ario		
	8 3 1	Easting		orthing		Municipal Plan and Sub	lot Number		Other			
the second s	the second s	the second se		5030350 onment Sea		ord (see instructions on th	e back of this form)		11111		9169	
General C	Colour	Most Comm	non Materia		Oth	ner Materials	Gene	ral Description	1		Deg From	oth ( <i>m/ft)</i> To
Depth Se	et at ( <i>m/l</i> t)		Annular Type of Sea	and the second se		Volume Placed	After test of well yield,	Results of We		d Testing	B	ecovery
From	То		(Material an			(m³/ft³)	Clear and sand f		Time	Water Level	Time	Water Level
6.8	0	Bentonit	te Cemer	nt Grou	t		Other, specify		(min) Static	(m/ft)	(min)	(m/ft)
		2	inch d:	iam.			If pumping discontinue	d, give reason:	Level			
			2.11011 0.						1		1	
							Pump intake set at (n	n∕ft)	2		2	
							Pumping rate (I/min /	GPM)	3		3	
Cable To		Diamond	D Pu	blic	Well Us				4		4	
	Conventiona	I) 🗌 Jetting	Do	mestic	Municip	al Dewatering	Duration of pumping hrs + n	nin	5		5	
Rotary (F     Boring	Reverse)	Driving			Cooling	& Air Conditioning	Final water level end o				-	
Air percu				lustrial	_				10		10	
		nstruction Re		ner, specify		Status of Well	If flowing give rate (Vn	nin / GPM)	15		15	
Inside	1	le OR Material	Wall	Depth	( <i>m/ft</i> )	Water Supply	Recommended pump	depth (m/ft)	20		20	
Diameter (cm/in)		ed, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well			25		25	
						Test Hole     Recharge Well	Recommended pump (Vmin / GPM)	rate	30		30	
						Dewatering Well			40		40	
						Observation and/or Monitoring Hole	Well production (Vmin	/ GPM)	50		50	
						<ul> <li>Alteration</li> <li>(Construction)</li> </ul>	Disinfected?					
						Abandoned, Insufficient Supply	X Yes 🗌 No		60		60	
Outside		onstruction R	ecord - Scre		( 164)	Abandoned, Poor	Please provide a map	Map of We			ack	
Diameter (cm/in)		laterial alvanized, Steel)	Slot No.	Depth From	(mvn) To	Water Quality X Abandoned, other,			130.000		JUN.	$\mathbf{x}$
100000						specify						J,
						Other, specify				. 0	D	V
							THOMAS	2		NWSCI		
Water foun	d at Depth	Water Det Kind of Water		Untested	and the second second second second	ole Diameter h (m/ft) Diameter	THOMAS	· LOL	2.05	<b>`</b>		
		Other, spe			From	To (cm/in)		2				_
Water foun	d at Depth	Kind of Water	Fresh	Untested		L.		20				
	1/ft) Gas	Other, spe Kind of Water		Unterted				20				
	v/t) ⊡ Gas			Untested				(W)				
	W	ell Contracto	-	Technician	n Informat	ion	il	4				
Business Na					We	Il Contractor's Licence No.	1					
-		• Supp1y eet Number/Nar			1 Mu	5 5 8 nicipality	Comments:					
Box 490			110)			tittsville	Commonta.					
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	ian's Licence	No. Signature	Technicia	n and/or Cor	ntractor Dat		Yes		, ]	JU	N 2	3 2009
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Ministry of the Environment

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

## Well Record

Regulation 903 Ontario Water Resources Act Page of

Measurement	ts record	led in: 🕅	Metric 🗌	Imperial							Page		of
Well Owne	r's Info									Rus			
First Name		l	Last Name /	-				E-mail Address					Constructed ell Owner
Mailing Addres	ss (Stree	t Number/Na		of Otta		Municipality		Province	Postal Code	9	Telephone N	-	
100 Cons	stella	ation Cr	es.			Ottawa		Ontario	K2G 1J	9	613 580	242	24
Well Locatio		an (Otreat Mar	and an other states						Lot		Concession		
Address of We MW03-2	en Focario	on (Street Nu	mber/Name,		1	<sup>Township</sup> Kanata			27		Concession 4		
County/District/Municipality				(	City/Town/Vil	lage			Provir	nce	Posta	I Code	
Ottawa Carleton UTM Coordinates Zone , Easting , Northing				Dunrobi Municipal Pla		at Number		Ont					
NAD 8				030339		viunicipai Pia	an anu Subi	ot Number		Other			
					aling Reco	ord (see instru	uctions on the	e back of this form)	an a		184408		144
General Color	ur	Most Com	non Materia		Oth	er Materials		Gen	eral Description	1		Dep From	oth ( <i>m/ft</i> ) To
	_												
	_												
Death C. J.	h ( ere Het		Annular	the second second second		and the second second	Discont	After test of well yield,	Results of We		d Testing aw Down		Recovery
Depth Set at From	t ( <i>m/tt)</i> To		Type of Sea (Material ar				Placed	Clear and sand		Time	Water Level		
6.2	0	Cement	Bentoni	te Gro	ut			Other, specify		(min) Static	(m/ft)	(min)	(m/ft)
			2 inc	h diam				If pumping discontinu	ed, give reason:	Level			
										1		1	
								Pump intake set at (	m/ft)	2		2	
Mathed		struction			Well Us			Pumping rate (I/min /	GPM)	3		3	
Cable Tool	orcon	Diamond	- Pu	blic	Comme		Not used			4		4	
Rotary (Con				mestic	Municipa		Dewatering	Duration of pumping hrs +	min	5		5	
Rotary (Reve Boring	erse)	Driving		estock gation	Cooling	& Air Conditio	Monitoring	Final water level end	of pumping (m/tt)	10		10	
Air percussio Other, speci			Ind Other	lustrial her, specify						15		15	
		struction R			Les au	Status	of Well	If flowing give rate (1/	min / GPM)				
	Open Hole	OR Material d, Fibreglass,	Wall Thickness		( <i>m/ft</i> )	Water S		Recommended pum	p depth (m/ft)	20		20	
		Plastic, Steel)	(cm/in)	From	To	Replace     Test Ho	ement Well de	Recommended pum	o roto	25		25	
						Rechary     Dewate		(Vmin / GPM)	prate	30		30	
						Observa	ation and/or	Well production (l/mi	n / GPM)	40		40	
						Monitori		Disinfected?		50		50	
						(Construction ) (Construction		Yes No		60		60	
THE REAL PROPERTY.	Co	nstruction R	ecord - Scre	en	DATE ST		ent Supply ned, Poor	FILL PLANTED STATE	Map of W	ell Loc	ation		
Outside Diameter		terial	Slot No.		( <i>m/ft</i> )	Water C		Please provide a map	below following	instruct	ions on the ba	ack.	N
(cm/in) (P	lastic, Gan	vanized, Steel)		From	То	specify	ned, other,						×
						Other, s	specify						
								The	S Dora	0			
		Water Det				ole Diamet		1400	<u> <u> </u></u>	~ 10	noway		
Water found a		Kind of Water		Untested	From	th ( <i>m/ft)</i> To	Diameter (cm/in)		.2.				
Water found a			-	Untested				Ma	w03-2	P			
		Other, spe								5			
Water found a		Kind of Water		Untested						2			
NY BRANKING	We	Il Contracto	-	Technicia	n Informat	tion				Durdoin			
Business Name	e of Well	Contractor			and the second second second	Contractor's							
Capital Business Addre					] Mu	nicipality	5 8	Comments:	1				
Box 490					5	Stittsvi	ille						
Province		stal Code		E-mail Add	ress			Mall over in 15 and	Deskare Der	-1	ANT I I		Orth
	Ontario         K2S         1A6         office @ capitalwater.ca           Bus.Telephone No. (inc. area code)         Name of Well Technician (Last Name, First Name)						information	ackage Delivere		Minist Audit No.	1111		
613 836 1766 Miller, Stephen						delivered Date Work Completed Z 095289							
	Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted							0 9 0 5	1 1		N 2	3 2009	
0 0 0506E (12/2007)	9 7	All	m		2	0 0 9 0 Minist	) <u>5 1 1</u> ry's Copy	X No Y Y	YYMM	00	© Queen's I	Printer fo	or Ontario, 2007
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Ontario Measurements record	1.	onment		ag No. (Place	Sticker and	/or Print Below)	Regulation	-	Vell Record
Well Owner's Info		Name / Organi	ration	len:		E-mail Address			
CITY OF OT	THUA 20	QUAN	Thin n	URRAY	·	E-mail Address			<ul> <li>Well Constructed by Well Owner</li> </ul>
Mailing Address (Street	t Number/Name)	1 PT		Municipality	4	Province	Postal Code	Telephon	e No. (inc. area code)
Well Location	2-100	nesi		anno		0.0	~ 11 10	nere	
Address of Well Location	on (Street Number	r/Name)		Township	REL	TON	Lot	Concess	ion 4
County/District/Municip	pality	o. 1		City/Town/Villa		1		Province	Postal Code
UTM Coordinates Zone	Easting	Northing		Municipal Plan	and Sublot	Number		Ontario Other	KONTO
NAD 8 3	ge be	1003 -							
Overburden and Bec	Most Common		t Sealing Red	cord (see instruction	tions on the b	ack of this form) Gene	ral Description		Depth (m/ft)
General Colour	Most Common	Material	151X	)	2	mentod	DE CON	~ .	(DPM)
MIL OF 174X			ALAm			BAZOIZLE	150304	Q3N	000 1232
MI. OFIZ			ALA	~	1	RA-2015E	15030	1030	0,00 6,21
111.107-11			4.25	$\sim$		18420124	e 15034	CON.	000634
MWD7-22			A.87.	$\sim$		BADKY	550	HGN.	0.10 1.95
MINOT-21XA			Ston	$\sim$		stronzel	9303F9	N.	0.00 1.11
MWM			4.62			RAIO VX	190330	top	0.00 0.11
		Annular Spac					Results of We	Il Yield Testi	na
Depth Set at (m/ft)	Ту	pe of Sealant U	lsed	Volume		After test of well yield,	water was:	Draw Down	
DAD shape	Ry h	laterial and Typ	e) A	D. 37	n~)	Other, specify	rree	(min) (m/ft	( III)
on aut	Oryany	e gione		NOUL	-	If pumping discontinu	ed, give reason:	Static Level	
		V				N/A		1	
						Pump intake set at (	m/ft)	2	2
Method of Co	nstruction		Well	Use .		Pumping rate (I/min,	GPM)	3	3
Cable Tool	Diamond	Public	Com	mercial	Not used	Duration of pumping		4	
Rotary (Conventional Rotary (Reverse)	I) Driving	Domestic	Test	Hole	Dewatering Monitoring		min V/A	5	5
Boring Air percussion	Digging	Irrigation		ing & Air Condition	ning	Final water level end		10	10
Other, specify		Other, sp	ecify			If flowing give rate (l		15	15
	e OR Material	Wall	Depth (m/ft)	Status of Water States		Recommended pur	ng djepth (m/ft)	20	20
	ed, Fibreglass, T Plastic, Steel)	hickness (cm/in) Fr	om To	Replace     Test Hol		N December 201	1.1	25	25
				Recharg     Dewater	e Well	Recommended purr (Vmin / GPM)		30	30
				Observal	tion and/or	Well production (I/m	in ( GBM)	40	40
				Monitorin Alteratio (Constru	n	Bisinfected?		50	50
				Abandor		Yes 🗌 No	·	60	60
Outside V	onstruction Rec	ord - Screen	Depth (m/tt)		ned, Poor	Please provide a ma		instructions on t	the back.
Diamotor	laterial alvanized, Steel)	Slot No.	rom To		ned, other,		Ared wel	1	M.
				Constr	uction				e that
				Other, s	pecify	Sile 2	20 Junol	mld.	1 token
	Water Detai	IS NA	1915 2018	Hole Diamet			80 Juwol MW 67-22		and offix
Water found at Depth	Kind of Water:	Fresh Un	tested L From	Depth ( <i>m/ft)</i> n To	Diameter (cm/in)	X	MWOHIL		K MANOTCI KI
Water found at Depth	Kind of Water:	Fresh Un	tested						
(m/ft) Gas Water found at Depth		*	tested			/ M	WOH7		1
( <i>m/ft</i> ) Gas	Other, speci	fy				- And	v XX		102
	lell Contractor			Well Contractor's	Licence No.	Mor	mwot.	1788	1 Church
Business Mame of We	DRILLI	EM	C	481	75	0	LINUI		W and
Business Address (Str	ST FIVE	ARCHES	R.	PAKENH	An	Comments:			1-4(.
Province	Postal Code	Business E-m	ail Address	aberna	ra	Well owner's Date	Package Deliver	red M	inistry Use Only
Bola. Teleshona No. Linc	anga code) Nam	e of Well Techn	ijcian tast Nar	e, First Name)	7	information package	NA	Audit M	
(613)64=	GTC M	palon	Vor Contractor	Date Submitted		delivered Date	Work Completed		JUL 1 4 2009
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Measurements recorded in: 🔯 Metric 🗌 Imperial

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

Well Record

Regulation 903 Ontario Water Resources Act

Measuren	ments recor	ded in: ∐XI	Metric 🗌	Imperial									Page		of
10102/11/12/02/02/02/02	vner's Info	(1942)													
First Nam	e		Last Name /	Organizatic of Otte				E-ma	I Address				(		Constructed
Mailing Ac	ddress (Stree	et Number/Na		OI ULLE		Municipality		Provir	ice	Postal C	ode		Telephone		Vell Owner
100 C	Constell	ation Cu	res.		,,	Ottawa		Ont	tario	K2G 1	J9		613 58		
Well Loc	048610.040564.005366214.966513.06658	Stand service													
		ion (Street Nu	mber/Name	)		Fownship	۹.			Lot			Concessio		
						West C Dity/Town/Vi	arleton	1		]	-	Provîr	160	3 Bost	al Code
	va Carle					Dunrob	-				Annual and the	Ont		FUSR	
UTM Coord	dinates Zon	e Easting	1	orthing		Municipal Pla		lot Number				Other			
	831			500440		·									
General C	/	drock Materi Most Comp	als/Abande non Materia			ord <i>(see instr</i> ner Materials		e back of this		-1 Daawie	<u>00000</u>		<u> </u>	De	pth ( <i>m/ît</i> )
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														haana	
			Annular	Space			51		P	esuite	14/-	110/120	d Testing		
	Set at ( <i>m/ft</i> )		Type of Sea	alant Used			Placed	After test o	of well yield, w		<u></u>	Dr	aw Down	F	Recovery
From	To		(Material ar		~ 11 -	···?	3/113)	Clear	and sand fre	e		Time (min)	Water Leve (m/ft)	I Time (min)	Water Level (m/n)
6.40	0	Bentoni	te Ceme	ent Gro	ut 2" 1	lole			discontinued	nive mas	00	Static	(1100)		(1104)
	-							, paripuly	alooonanaoa	, give seas		Level		_	·····
								Duran inte	ke set at (m/	(f) a 1		1		1	
		a tri fan des beskelen.		·					ke set at (m/	1()		2		2	
Meti	hod of Coi	struction	and a state of the		Well Us			Pumping r	ate (l/min / G	PM)		3		3	
Cable To		Diamond	🗌 Pu	blic	Commei		Not used					4		4	
	Conventional)			mestic	Municipa	al 🗌	Dewatering		of pumping s + mi	n		5		5	/ /////
Rotary (I     Boring	Reverse)	Driving		estock gation	Cooling	e 🔄 & Air Conditic	Monitoring ming		level end of		n/it)			-	
					<b>`</b>		Ç			, .,		10		10	Analan
Other, s				ner, specify _	241836020935000114001	a state and the state of the st		If flowing g	jive rate <i>(l/mi</i>	n / GPM)	1999-1997-199 Aug	15		15	
Inside	Open Hole	OR Material	ecord e Gas Wali	1	n ( <i>m/ft</i> )	Status	of Well	Recomme	nded pump of	ienth (m//	<u>.</u>	20		20	
Diameter (cm/in)	(Galvanize	d, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Replace	ement Well	T COOTTINE		achar (usi	°	25		25	and a second
						E Test Ho		Recomme	nded pump r	ate		30		30	
						Dewater	- I	(l/mîn / GP)	NA)						
577646 <b>1-1-1</b>						Observa		Well produ	iction (l/min /	GPM)		40	1 August 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	40	
						Alteratio	n	Disinfected	?	······································		50		50	
						(Constru	neđ,	X Yes				60		60	
	Co	nstruction Re	ecord - Scre	en		Insufficie	ent Supply ned. Poor			Map of					
Outside Diameter		terial	Slot No.		( <i>m/ft</i> )	Water C	luality	Please pro	vide a map bi	elow follow	ing ír	nstructi 1	ons on the t	ack.	A
(cm/in)	(mastic, Gar	vanized, Steel)		From	То	Abandoi specify	nea, other,		- • •						-15
									BHC	)7-2 0	'n				F
						Other, s	pecify			8	/	Į			
		Water Deta	ails		H	ole Diamet	er								,
Water foun	nd at Depth	Kind of Water	:  Fresh	Untested	Dept	n ( <i>m/ft</i> )	Diameter					Z	HOHA	<u>5 De</u>	1.AN
10.0 M		Other, spec	**************************************	1 b	From	Τo	(cm/in)				00	Į			
		Kind of Water:									YN				
Water foun	at Depth I	Kind of Water	Fresh	Untested							120				
(m	<i>∿ft)</i>	Other, spec	cify								2.20				
Rupincos M	We ame of Well	II Contractor	r and Well	Technicia							1614				
		Contractor C Supply	T+d		1	Contractor's					1				
Business Ad	ddress (Stree	r Supply et Number/Nar	ມເປັ. ne)			<u> </u>	58	Comments							
Box 49	<del>9</del> 0		·····			tittsvi	lle								
Province		stal Code		E-mail Add	ress										
Ontari Bus Telepho		2S 1A6   <i>rea code</i> ) Nar			oitalwa			Well owner information		kage Deliv			Minis Audit No	try Use	only
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Well Technici	ian's Licence N	lo. Signatura			ntractor Date			Yes		rk Complet			AUG	10	2009
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Ministry of the Environment

Measurements recorded in: 🙀 Metric 🔲 Imperial

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

Well Record

Regulation 903 Ontario Water Resources Act
Page\_\_\_\_\_ of \_\_\_\_\_

Well Owner's Information							
First Name Last Name / Organization City of Ottawa		E-mail Address Uell Constructed					
Mailing Address (Street Number/Name)	Municipality	Province Postal Code Telephone No. (inc. area code)					
100 Constellation Cres.	Ottawa	Ontario	K2G 1J9	613 58	80 2424		
Well Location			D. D. A. A. A.				
Address of Well Location (Street Number/Name) BH 07-3	Township Kanata	· · · · · · · · · · · · · · · · · · ·	Lot 27	Concessio	4.		
County/District/Municipality	City/Town/Village	NA. 1	21	Province	Postal Code		
Ottawa Carleton	Dunrobin						
UTM Coordinates Zone Easting Northing	Municipal Plan and Suble	ot Number		Other			
NAD         8         3         1         8         420194         5030351         50	cord (see instructions of the	head of this famil					
	Other Materials	}	al Description		Depth (m/ħ)		
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Annular Space		R	esults of We	Il Yield Testing			
Depth Set at (m/ft) Type of Sealant Used	Volume Placed	After test of well yield, wi	ater was:	Draw Down	Recovery		
From To (Material and Type)	( <i>m³/ft³</i> )	Clear and sand fre	e	Time Water Lev (min) (m/it)	el Time Water Level (min) (m/ft)		
6.70 0 Bentonite Cement Grout 2"	hple	If pumping discontinued,	give reason:	Static			
				Level			
		Pump intake set at (m/	(Å)	1	1		
		Fump make set at (mo		2	2		
Method of Construction Well		Pumping rate (I/min / GI	PM)	3	3		
Cable Tool Diamond Public Com				4	4		
Rotary (Conventional) Jetting Domestic Munic	ipal 🗌 Dewatering	Duration of pumping hrs + mir		5	5		
Rotary (Reverse)     Driving     Livestock     Test     Digging     Digging     Digging	Hole I Monitoring	Final water level end of p	1		-		
Air percussion			······································	10	10		
Other. specify Other. specify		If flowing give rate (I/mir	n / GPM)	15	15		
Construction Record - Casing     Inside Open Hole OR Material Wall Depth (m/ft)	Status of Well	Recommended pump of	do ath ( an (A)	20	20		
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete, Plastic, Steel) (cm/in) From To	Replacement Well	Recommended pump o		25	25		
	Test Hole     Recharge Well	Recommended pump r	ate	30	30		
57 1	Dewatering Well	(l/min / GPM)					
	Observation and/or Monitoring Hole	Well production (I/min /	GPM)	40	40		
	Alteration	Disinfected?		50	50		
	(Construction)	X Yes No		. 60	60		
Construction Record - Screen	Insufficient Supply			Il Location			
Outside Material Diameter (Plactic Columniand Stock) Slot No.	Water Quality	Please provide a map be	elow following i	nstructions on the	back.		
(Plastic, Galvanized, Steel) Siot NO. From To	X Abandoned, other, specify				4		
					T		
	Other, specify						
Water Details	Hole Diameter	ation	THOMOS				
Water found at Depth Kind of Water: Fresh Untested	pth (m/it) Diameter		1901103	BOLAN			
(m/ft) Gas Other, specify From	To (cm/in)	BH 07.	30 ;				
Water found at Depth Kind of Water: Fresh Untested			R				
(m/it) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested			N				
(m/ft) Gas Other, specify			20				
Well Contractor and Well Technician Inform			(N/C				
1	Vell Contractor's Licence No.		De				
Capital Water Supply Ltd. Business Address (Street Number/Name)	<u>1 5 5 8</u> Aunicipality	Comments:					
Box 490	Stittsville						
Province Postal Code Business E-mail Address							
Ontario K2S 1A6 office capitaly		information	kage Delivered		stry Use Only		
Bus.Telephone No. (inc. area code) Name of Well Technician (Last Name 613 836 1766   Miller, Stephen	e, Hirst Name)	package y y y	'   Y   M   M   C	Audit No.	095257		
Well Technician's Licence No. Signature of Technician and/or Contractor		Tes Date Wor	rk Completed				
	200190625		<b>0</b>  , <b>9</b>  , <b>0</b>  ,6	2 3 Received	15 I J 2009		
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0,-	Ontario

Measurements recorded in: X Metric Imperial

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

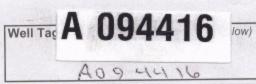
Well Record

Regulation 903 Ontario Water Resources Act
Page\_\_\_\_\_ of \_\_\_\_\_

Well Ow	ner's Info	rmation								(697.80959			kense og det ster		
First Name	2		Last Name /	-			E-1	mail Address				Well	Constructed		
				of Otta									by Well Owner		
		t Number/Na	•		N	funicipality	Pro	ovince	Postal Code		Telephon	e No. (inc	area code)		
		<u>ation C</u>	res.			<u>Ottawa</u>	C	Datario	K2G 1.T9		613	580 24	424		
Well Loc	adalah karang atang karang						10.0	a de la colocier		ogo olive d					
		on (Street Ni	imber/Name	)	T	ownship			Lot		Concess	ion			
MW 03-		S? e				Kanata			27			4			
-	strict/Municij	•			ļC	City/Town/Village				Provir		Posta	I Code		
Ottawa	a Carle	ton			·····	Dunrobin					ario				
	inates Zone	-		orthing	)	Iunicipal Plan and Sub	ot Numb	er		Other					
	8318			503032		er v 1991 Martiness Martinessen und sitter and state	11.00% Wildow 014.02 ***								
	,					rd (see instructions on th	e back of i			0331/0231/1			- H- ( (0)		
General C	olour	Most Com	mon Materia		Oth	er Materials		Genera	al Description			From	oth ( <i>m/î</i> t) To		
							·	·····		/		1 h h h d a d a a a a dan a a a a a a a a a a a	······································		
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										****					
			Annulai					Re	esults of We	II Yiel	d Testin	g	60.8436666735355		
Depth Se From	et at ( <i>m/ft)</i> To		Type of Sea			Volume Placed		st of well yield, w	1	5	aw Down		ecovery		
			(Material ar		******	(m³//tt³)		ear and sand fre her, <i>specify</i>	e	Time (min)	Water Le (m/ft)	vel Tîme (mîn)	Water Level (m/ft)		
7.01	0	Benton	ite Cem	ent Gr	out 2" 1	iole				Static	[ [11811]	(((((()))))))))))))))))))))))))))))))))	(11213)		
							i i pump	ping discontinued,	, give reason:	Level					
					······					1		1			
			v				Pumpi	intake set at (m/	(î)	~					
									· ·	2		2			
B.4 41		AND DESTRUCTION OF THE OWNER			50.000 m m m m m m m m m m m m m m m m m		Pumpir	ng rate (l/min / Gi	PM)	3		3			
	iod of Cor	9/17/19/17/19/19/19/19/19/19/19/19/19/19/19/19/19/		<u>6.000/1258/286</u>	Well Use			0		4					
Cable To	oi Conventional)	Diamone		blic mestic	Commen		Duratio	on of pumping		<u> </u>		4	and the second se		
Rotary (F				estock	Test Hole			hrs +mi	n	5		5			
Boring		Digging	🗔 Irri			& Air Conditioning	Final wa	ater level end of p	oumping (m/ft)	10		10	Proposition 1997 1997 1998 1998		
Air percu			Ind	lustrial								10			
Other, sp							If flowin	ng give rate (I/mir	n / GPM)	15		15			
hourse and	Con	struction R	ecord - Cas	7		Status of Well				20		20			
Inside Diameter	Open Hole (Galvaniza)	OR Material d, Fibreglass,	Wall Thickness	Dept	lh ( <i>m/ft</i> )	Water Supply	Recom	mended pump o	lepth (m/it)						
(cm/in)		Plastic, Steel)	(cm/in)	From	То	Replacement Well				25		25			
						Recharge Well	Recom	mended pump r	ate	30		30			
						Dewatering Well		Grimj							
						Observation and/or	Well pr	oduction (I/min /	GPM)	40		40			
			//////////////////////////////////////		······	Monitoring Hole				50		50			
						(Construction)	Disinfec								
						Abandoned, Insufficient Supply	X Yes	s _ No		60		60			
	Co	nstruction R	ecord - Scre	en		Abandoned, Poor			Map of We						
Outside Diameter		tenal	Slot No.	Dept	h ( <i>m/ft)</i>	Water Quality	Please	provide a map be	elow following i	nstructi	ons on the	e back.			
(cm/in)	(Plastic, Galv	anized, Steel)	0.01110	From	То	[X] Abandoned, other, specify									
	······································			l		Other, specify									
									~						
		Water De	ails		He	ole Diameter			5			~			
Vater found	d at Depth I	Kind of Wate	r: 🗍 Fresh [	Untestec		n (m/ft) Diameter			<u> </u>	<u> </u>	<u>OHDS</u>	<u>. Dri</u>	AN		
( <i>m</i> /	/ft) 🔲 Gas	Other, spe	cify		From	To (cm/in)			12						
Vater found	at Depth	Kind of Wate	r: []]Fresh [	Untested	Ĩ				82						
	ATTAL	Other, spe							Lı						
		Kind of Wate		Untested	l				P.						
(m/	/ft) 🗌 Gas	Other, spe	cify						E S						
	and the second se		r and Well	Technicia	an Informati	on		MW as	X Y						
	Ime of Well				Well	Contractor's Licence No.		Millo	3-4						
		Supply		····	1	5 5 8		1100	- /						
		t Number/Na	me)		Mun	icipality	Comme	nts:							
Box 490					St	ittsville									
rovince		stal Code		E-mail Add	dress		<u> </u>								
Intario	o K2	S 146	offi	<u>ce@ ca</u> j	pitalwat	er.ca	Well ow informati		kage Delivered			stry Use	Only		
الم دم دم	us.Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name)						package		Y M M C	l o ll	Audit No.	nor	256		
513 886 1766 Miller, Stephen /ell Technician's Licence No. Signature of Technician and/or Contractor Date Submitted						delivered	Date Wor	k Completed		4	000	0021			
		o signature	or rechnicia	n and/or Co	ontractor Date	Submitted	Yes	3	•	2 3					
0 0 506E (12/200)	9	'_PHU	flor		al	0090625	X No	¢ V V		<u> </u>	Received	<u>aus 1</u>	0 2009		
200E (12/200	11	1 -	7			Ministry's Conv					© Queen	is Printer for	Ontario, 2007		

Ontario Ministry of the Environment	Well Tag No. (Pl. A-C	A 062 62775	2775	Regulation	Wo 903 Ontario Wa Page_	ell Record ter Resources A
Well Owner's Information	TING	E-mail Address			- 0	Well Constructed by Well Owner
Mailing Address (Street Number/Name, RR)		DIACE	Province	Postal Code	Telephone I	No. (inc. area code)
Part A Construction and/or Major Alteration of	a Well	-1412		AICT II		<u>Lo arc</u>
Address of Well Location (Street Number/Name, RR)		ERBLIZ	EN	Lot	Concessior	3
County/District/Municipality	City/Town/	Village WKOBI	V		Province Ontario	Postal Code
NAD 8 3	596 GPS Unit Ma	ake Model	Mode of C	peration:	Undifferentiated	Averaged
Overburden and Bedrock Materials (see instructions of General Colour Most Common Material	the back of this form) Other Materials		General D	escription		_Depth (Metres)
GREY CLAY GREY- SAWD.						From To 120 7.62 702 12.2
Braw						
Annular Space/Abandonment S					Il Yield Testing	
Depth Set at (Metres) Type of Sealant Use From To (Material and Type)			Check box if after test water was:		Draw Down Time Water Leve	
000 702 Helegley grat		Del 7	Cannot develop	¥	(Min) (Matres) Static Level 4.53	(Min) (Metres) Static Level
· · · · · · · · · · · · · · · · · · ·			If pumping discontinu	ed, give reason:	1 4.77	1 4.54
			Pumping test metho		2 4.77	2 4-53
Method of Construction	Water Use		Pump intake set at (	1	3 4-77	3 (1
Cable Tool Diamond Public Rotary (Conventional) Jetting Convestic	Municipal	¥ 1	Pumping rate (Litras	(min)	5 177	4 1
Rotary (Reverse)     Driving     Livestock       Rotary (Air)     Digging     Irrigation	Test Hole     Cooling & Air Cond	Monitoring ditioning	Duration of pumping		10 4-775	10 6
Air percussion     Boring     Industrial       Other, specify     Other, specify	ſy		Final water level end	min of pumping	15 4.78	15 y
Status of Well Water Supply Dewatering Well	Observation and/or	Monitoring Hole	(Metres) Recommended pum	p type	20 4=73	20 y
Replacement Well         Abandoned, Insufficient Supply           Test Hole         Abandoned, Poor Water Quality	Alteration (Construent Other, specify	uction)	Shallow D Recomponded pum	eep	25 9-18	25 (1
Recharge Well     Abandoned, other, specify Location of Well			Metres		30 4-78 40 4-78	30 y 40 y
Please provide a map below showing: - all property boundaries, and measurements sufficient to locat - an arrow indicating the North direction	e the well in relation to fixe	ed points.	Recommended pum (Litres/min)	>	50 4-78	50 G
<ul> <li>detailed drawings can be provided as attachments no larger t</li> <li>vidigital pictures of inside of well can also be provided</li> </ul>			If flowing give rate (Litres/min)	YA.	60 4=B.	60 V
2. Percupine St		Wp	Water found at Der		Details f Water 207-72	572-Å
<u> </u>		2	. 10.	□Gas □Fre	sh []Salty []S	
C. O. Galizay 2	- Well		Metres	🗌 Gas 🖾 Fre	f Water sh	ulphur 🛄 Minera
<u>Casey wen</u> V	105Gallog	the second	Water found at Dep		f Water sh 🔲 Salty 🛄 S	ulphur [] Minera
Dubdiusi	Sublow	alm R	Casing Used	Screen Used Galvagized		nd Well Details Hole (Centimetres)
L		2	Steel	(Steel BK	P Depth of the Hol	e (Metres)
Date Well Completed Was the well owner's information	Date the Well Record and Delivered to Well Officer	d Package	· · · · · · · · · · · · · · · · · · ·	Fibreglass Plastic	Wall Thickness	
MUTTINIO XYes No		110.	Concrete No Casing and	Concrete	100.000	~ ~
Well Contractor and Well Techni Business Name of Well Contractor	Well Contracto	r's Licence No	Disinfected?	18-11.90		of the Casing (Metre
Business Address (Street No./Name number RR)	Municipality	and L	Visinfected?		Depth of the Ca	and (wener)
Province Postal Code Business E-mail	Address The hand		Audit No.		Use Only Well Contractor No.	
Bys. Telephone No. (inc. area code) Name of Well Technician,	(Last Name, First Name	)	Z 69: Date Received (by yy/m		Date of Inspection ()	yyymmickt)
COLD COLT STANDA Well Technician's Licence No. Signature of Technician's	, PETER		MAR 13 2 Remarks			
0086 10086		ZIB.			© Queen's	Printer for Ontario, 200

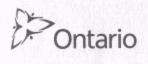
Ontario	Ministry of the Environment
Measurements recorded in	n: Metric 🗌 Imperial

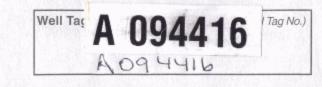


Concession

Lot

Association       Results of Well Yield Testing       Depth (mit)         County/District/Municipality       Other       Postal Code         Optional Control       Municipal Plan and Sublot Number       Other         Nab (8) S1 (179) 50 (3) 03 (8 G)       Municipal Plan and Sublot Number       Other         Overburden and Bedrock Materials/Abandment Sealing Record (see instructions on the back of this form)       Depth (mit)       Depth (mit)         General Colour       Most Common Material       Other Materials       General Description       Depth (mit)         Drown       Sand       O       1,772       2,92       7,62         grey       SiTH       SiTH       SiTH       SiTH       Depth (mit)         New 10-4 was       tagged       Image Value       Image Value       Prevery         Municipal Set at (mit)       Type of Sealant Used       Volume Placed       Mater Level (mit)       Drew Down         O       4:00       Nole plug       51/2 bags       Image Value       Image Value       Image Value         Uo T-62       filter sand       3       Bags       Image Value       Image Value       Image Value         Wethod of Construction       Dational       Duration       Optional       Putaling       Domestic       Pumping tale (thmit)
Annular Space       New IO-4 was tagged       Results of Well Yield Testing       Draw Down       Zero Results of Well Yield Testing         Monicipal Plan and Subiol Number       Other       Other       Other         Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)       Depth (mit)       Depth (mit)         General Colour       Most Common Material       Other Materials       General Description       Depth (mit)         Drown       Sand       O       1.72       2.92         grey       Silt       Sand       2.92       7.62         brown       Sand       Fine       To Medium Sand       2.92       7.62         brown       To General Description       Common Material       Volume Placed       Mit test of well yield, water was:       Draw Down       Recovery         Time       Value File       Size Sand       Size Sand       Image Sand       Image Sand       Image Sand       Image Sand       Image Sand       Image Sand
NAD       813       18       4201       174       503030376         Overburden and Bedrock Materials/Abandomment Sealing Record (see instructions on the back of this form)         General Colour       Most Common Material       Other Materials       General Description       Prom       To         Drown       Sand       O       1.72       2.92       2.92       7.62         Drown       Sand       From       To       To       To       To         Drown       Sand       O       1.72       2.92       7.62         Drown       Sand       From       To       To       To         Drown       Sand       Classical       Classical       Classical       Classical       Classical         Drown       Sand       General Colour       Multi IO-4       Sand       Classical       Classical <thclassical< th="">       Classical       <thclassic< td=""></thclassic<></thclassical<>
Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)         General Colour       Most Common Material       Other Materials       General Description       Peom       To         Drown       Sand       O       1,72       3,74       5,72       3,76       3,76 <t< td=""></t<>
General Colour       Most Common Material       Other Materials       General Description       From       To         Drown       Sand       O       1,72       2,92       1,72       2,92       2,92       7,62         grey       Silt       Sand       O       1,72       2,92       7,62         brown       Sand       Fine       Image: Sand       2,92       7,62         brown       Sand       Clay       2,92       7,62         Motourn       Sand       Clay       2,92       7,62         Motourn       Sand       Clay       2,92       7,62         Motourn       Sand       Clay       Clay       2,92       7,62         Motourn       Sand       Clay       Clay       2,92       7,62         Motourn       To       Moular Space       Moular Space       To       The Volume Placed (m/R)       Static Volume Placed (m/R)       The Volume Placed (m/R)       Static Volume Placed (m/R)       Static Volume Placed (m/R)       Static Volume Placed (m/R)       Stati
Depth Set at (m/ti)       Type of Sealant Used       Volume Placed       Internet to well yield, water was:       Internet to well yield, water was:         Depth Set at (m/ti)       Type of Sealant Used       Volume Placed       Internet to well yield, water was:       Internet to well yield, water was:         0       4.000       hole plug       51/2 bags       Internet to well yield, water was:       Internet to well yield, water was:         0       4.000       hole plug       51/2 bags       Internet to well yield, water was:       Internet water Level         Wethod of Construction       Well Use       Internet (Intrin)       2       2         Method of Construction       Well Use       Pumping rate (Intrin / GPM)       3       3         Method of Construction       Ublic       Commercial       Not used       Downation       4       4
gray       Sint and Used fine to Mediumsand       2.92       7.62         brown       Sand       fine to Mediumsand       2.92       7.62         MW 10-4 was       tagged       Image: State of Well Yield Testing       Image: State of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (Material and Type)       After test of well yield, water was:       Image: Draw Down       Recovery         0       4.00       hole plug       51/2 bags       After test of well yield, water was:       Image: Draw Down       Recovery         1       1       1       1       1       1         4.00       Hole plug       S1/2 bags       1       1       1         9       Tool (Mater Level Time)       Image: Draw Down       Recovery       Image: Draw Down       Recovery         1       1       1       1       1       1       1         2       2       1       1       1       1       1         1       1       1       1       1       1       1         Pumping rate (Imin / GPM)       3       3       3       3       3         0       Domestic       Domestic       Domestic       Domestic<
Annular Space       Results of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m/ft')         D       4.00       hole plug         51/2       bags         40       7.62       filter sand         Method of Construction       Well Use         Cable Tool       Diamond       Public         Cable Tool       Diamond       Public
Annular Space       Results of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')         D       4.00       hole plug       51/2 bags         40       7.62       filter stand       3         Method of Construction       Well Use       Pumping rate (m/ft)       2         Pumping rate (m/ft)       3       3         Method of Construction       Well Use       Downercial         D uration of pumping       Diamond       Public         Cable Tool       Diamond       Public       Commercial         Duration of pumping       At 4       4
Annular Space       Results of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')       After test of well yield, water was:       Draw Down       Recovery         D       4.00       hole       plug       51/2       bags       After test of well yield, water was:       Draw Down       Recovery         U       0       4.00       hole       plug       51/2       bags       If pumping discontinued, give reason:       Static       Level       Image: material and mat
Annular Space       Results of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')       After test of well yield, water was:       Draw Down       Recovery         D       4.00       hole       plug       51/2       bags       After test of well yield, water was:       Draw Down       Recovery         U       0       4.00       hole       plug       51/2       bags       If pumping discontinued, give reason:       Static       Level       Image: material and mat
Annular Space       Results of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')       After test of well yield, water was:       Draw Down       Recovery         D       4.00       hole       plug       51/2       bags       After test of well yield, water was:       Draw Down       Recovery         U       0       4.00       hole       plug       51/2       bags       If pumping discontinued, give reason:       Static       Level       Image: material and mat
Annular Space       Results of Well Yield Testing         Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')       After test of well yield, water was:       Draw Down       Recovery         D       4.00       hole       plug       51/2       bags       After test of well yield, water was:       Draw Down       Recovery         U       0       4.00       hole       plug       51/2       bags       If pumping discontinued, give reason:       Static       Level       Image: material and mat
Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')       After test of well yield, water was:       Draw Down       Recovery         D       4.00       hole plug       51/2 bags       Clear and sand free       Time Water Level         4.00       hole plug       51/2 bags       Shags       If pumping discontinued, give reason:       Static       Level       Image: Clear and sand free       1       1       1         4.00       7.62       fuller sand       3 bags       Pump intake set at (m/ft)       2       2       2         Method of Construction       Well Use       Pumping rate (l/min / GPM)       3       3       3         Cable Tool       Diamond       Public       Commercial       Not used       Duration of pumping       4       4
Depth Set at (m/ft)       Type of Sealant Used (Material and Type)       Volume Placed (m'/ft')       After test of well yield, water was:       Draw Down       Recovery         0       4.00       hole plug       51/2 bags       Other, specify       Time Water Level Time Water Level (m/ft)       Time Water Level (m/ft)       Time Water Level (m/ft)       Static Level         4.00       7.62       foller sand       3 bags       If pumping discontinued, give reason:       Static Level       1       1         4.00       7.62       foller sand       3 bags       Pump intake set at (m/ft)       2       2       2         Method of Construction       Well Use       Pumping rate (l/min / GPM)       3       3       3         Method of Construction       Public       Commercial       Not used       Duration of pumping       4       4
From       To       (Material and Type)       (m'/ft')         D       4.00       hole plug       51/2 bags         4.0       7.62       filter sand       3 bags         Method of Construction       Well Use       1       1         Cable Tool       Diamond       Public       Commercial       Not used         Batary (Conventional)       Jetting       Domestic       Municipal       Dewatering
0       4.00       hole plug       5½ bags         4.0       7.62       filter sand       3 bags         Method of Construction       Well Use       1       1         Cable Tool       Diamond       Public       Commercial       Not used         Batary (Conventional)       Jetting       Domestic       Municipal       Dewatering
40       7.62       £iter sand       3       bags       1       1         Pump intake set at (m/ft)       2       2         Method of Construction       Well Use       Pumping rate (l/min / GPM)       3       3         Cable Tool       Diamond       Public       Commercial       Not used       Duration of pumping       4       4
Method of Construction     Well Use       Cable Tool     Diamond     Public     Commercial     Not used       Botary (Conventional)     Jetting     Domestic     Municipal     Dewatering
Method of Construction     Well Use     Pumping rate (l/min / GPM)     3     3       Cable Tool     Diamond     Public     Commercial     Not used     Duration of pumping       Rotary (Conventional)     Jetting     Domestic     Municipal     Dewatering
Method of Construction     Well Use     Image: Construction
Method of Construction         Well Use         Pumping rate (umin / GPM)         4         4           Cable Tool         Diamond         Public         Commercial         Not used         Duration of pumping         4         4
Cable Tool Diamond Public Commercial Not used Duration of pumping
Kotary (Conventional) Li Jetting I Li Domestic I I Municipal I Dewatering I
Rotary (Reverse) Driving Livestock V Test Hole Monitoring hrs + min 5 5
Boring     Digging     Irrigation     Cooling & Air Conditioning     Final water level end of pumping (m/R)     10     10
Air percussion Industrial Other, specify Other, specify If flowing give rate ( <i>Vmin / GPM</i> ) 15 15
Construction Record - Casing Status of Well 20 20
Inside Open Hole OR Material Walt Depth (m/ft) Water Supply Recommended pump depth (m/ft) 25 25
(cm/in) Concrete, Plastic, Steel) (cm/in) From To Viest Hole Recommended pump rate
5.2 plastic 0.4 0 4.55 Recharge Well (Vimin / GPM) 30 30
Observation and/or Well production (//min / GPM) 40 40
Monitoring Hole Alteration Disinfected? 50 50
(Construction) Ves No 60 60
Construction Record - Screen Abandoned, Poor Map of Well Location
Outside Diameter         Material (Plastic, Galvanized, Steel)         Slot No.         Depth (m/ft)         Water Quality         Please provide a map below following instructions on the back.
(cm/in) specify
6.0 plashic 10 4-55 7.62 Other, specify
Water Details       Hole Diameter         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/ft)       Diameter         5.57 (m/ft)       Gas       Other, specify       To       (cm/in)       Map       Are       enclosed         Water found at Depth       Kind of Water:       Fresh       Untested       0       7.42       20.3       Map       Are       enclosed
Water found at Depth Kind of Water: Fresh Untested Depth (m/ft) Diameter 5.57 (m/ft) Gas Other, specify From To (cm/in)
Water found at Depth Kind of Water: Fresh Untested 0 7.42 20.3 Map are enclosed
(m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested
(m/ft) Gas Other, specify
Well Contractor and Well Technician Information
Business Name of Well Contractor Well Contractor's Licence No.
OGS     INC     6 9 6 9       Business Address (Street Number/Name)     Municipality     Comments:
5518 Appleton Side Road Almonte
Province Postal Code Business E-mail Address
Bus, Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Well owner's Date Package Delivered Ministry Use Only Audit No.
6132567666 Chluann, Bran delivered Date Work Completed 210/024
Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted
2         5         9         B         Sur Olog         20x0         No         20x100         Received           0506E (12/2007)         Ministry's Copy         @ Queen's Printer for Ontario, 200





Regulation 903 Ontario Water Resources Act

Page \_2 of \_2

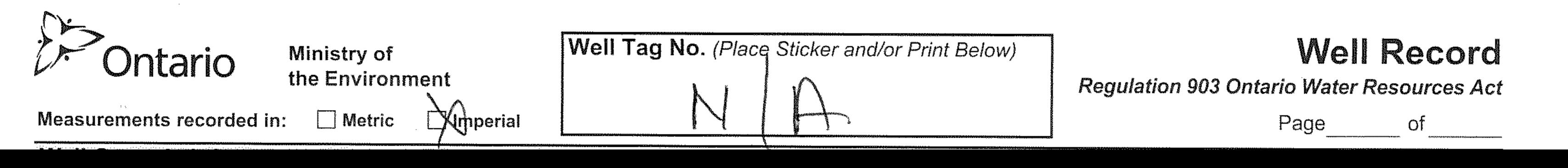
Address of Well Location (Street Number/Name, RR)		Lot	Col	ncession T	ownship	oltor	1	Count	ty/District/Mun	a Carlon	Signature of Technician/Contractor	Date (yyyy/mm/dd)
City/Town/Village Provin Dun rabin Onta	nce Po	stal Code	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Nodel	Unit Mod	e of Opera entiated, sp	and the second se	differentiated	Averaged		
Well # UTM Coordinates on Sketch Zone Easting Northing	Full Depth of Hole (metres)	Hole Diameter (cm)	Method of Construction	Casing Material	Casing Length (metres)	Screen Inte From	rval (metres) To	Annular Space Sealant Used	Static Water Level (metres)	Abandonment Sealant Used	Comments	Date of Completion (yyyy/mm/dd)
10-1 1184201635030409	7.62	20.3	Hollow Stem Auger	plashic	4.55	4-55	7.62		5.47			2010/08/11
10-2 18 412011712 5030411B	7.62	ų	n	N	4.55	4.55	7.62		5.69			2010/08/12
10-3 1 8 42 01 68 5030400	7.62	h	*	۲	4.55	4.55	7.62		5.44			2010/08/12
MW 184201795080386	7.62	Ц	ч	ч	4.55	4.55	7.62		5.57			2010/08/11
10-5 184201825030395	7.62	1	~	м	4.55	4-55	7.62		5.60			2010/08/11
10-6 1842019650B1040B	7.62	1,	W	n	4.55	4.55	7.62		5.51			2010/08/12
Well Contractor and Well Technician Inf Business Name of Well Contractor	formation		siness Address (S	treet Number/Na	ime BB)		Municipali	tv		Province		rell in Cluster Constructed
OGS INC		5	518 A	poleton .	Side R	oad		nonte		Ontario	Ministry Use Only	
Postal Code KOAIAOGOGI325 Name of Well Technician (First Name, Last Name)		6666		s Licence No. Bus 6 4 s Licence No. Dat		감각 감독 위험 이 없어.	C(Incl Signature	of Technician	<u></u>			ected (yyyy/mm/dd)
Brian Ohlmann	11.00				-010/11/1		Su	n Ol	2a	_	c 07390	2024

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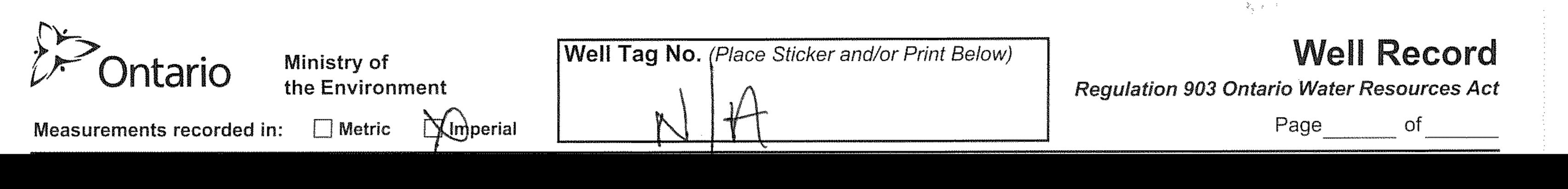
## Ottawa

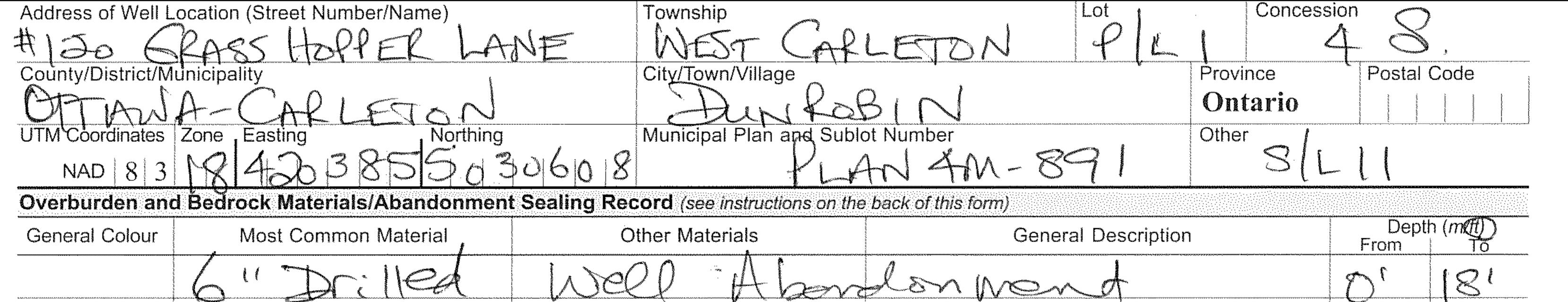




Address of Well Location (Street Number/Name)	Lot	Concession
FIBOGRASS HOPER LANE WEST (	ARLETON FLU	4-02
County/District/Municipality		ce Postal Code
OTAWH-CALLETON SUN	KOBIN Onta	ario
UTM Coordinates Zone Easting Northing Municipal Plan and Sub	lot Number Other	
NAD 83184203885030608 4LAN 4	HM- 891 3	
Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on th	ie back of this form)	
General Colour Most Common Material Other Materials	General Description	From To
L" Drilled 1000 Aladana		~ ( _26 (
$-\frac{1}{2} \sqrt{1} \sqrt{1} \sqrt{1} \sqrt{1} \sqrt{1} \sqrt{1} \sqrt{1} 1$		
		·
VADA A MAAA SALA STATAT	h = 0 $h = 0$	
THREAD WELLEWRED & CHANTA	TEALER( E V	
NON1000 TENDICALORICESTA	107-101 ACL -	$\gamma_{-} \Box / A /$
The way drained after a strade of the rest of the second strade of the second s	1010-Audia -2	2002606
Annular Space	Results of Well Yield	1 Testing
Depth Set at (m Depth Set at (	After test of well yield, water was: Dra	w Down Recovery
From To (Material and Type)	Clear and sand free	Water Level Time Water Level
26' 4' 218" HRG 1400 76200	Other, <i>specify</i>	(m/ft) (min) (pl/ft)
$\Lambda$ , $\Omega$ $\Lambda$ $\Lambda$ $\Lambda$ $\Lambda$ $\Lambda$ $\Lambda$	If pumping discontinued, give reason:	
4 Dellertu		
	Pump intake set at (m/ft)	
		2
	Pumping rate (I/min / GPM) 3	3
Method of Construction		
Cable Tool       Diamond       Public       Not used         Rotary (Conventional)       Jetting       Domestic       Municipal       Dewletering	Duration of pumping	4
Rotary (Conventional)       Jetting       Domestic       Ounicipal       Dewatering         Rotary (Reverse)       Oniving       Livestock       Test Hole       Monitoring		5
Boring Digging Irrigation Cooling & Air Conditioning	Final water level end of pumping (m/ft) 10	10
□ Air percussion		
Other, specify	If flowing give rate (I/min / PM) 15	15
Construction Record - Casing	20	20
Inside Open Hole OR Material Wall Depth ( <i>m/ft</i> ) U Water Supply Diameter (Galvanized, Fibreglass, Thickness _ Depth ( <i>m/ft</i> ) Replacement Wall	Recommended pupp depth (m/ft)	
(cm/in) (Galvanized, Fibregiass, Finckness (cm/in) Concrete, Plastic, Steel) (cm/in) From Tore Replacement Well	25	25
	Recommended pump rate 30	30
Dewatering Well		
Observation and/or	Well/production (I/min / GPM) 40	40
Monitoring Hole	50	50
(Construction)	Wisinfected?	co l
Abandoned, Insufficient Supply	Ket No	60
Construction Record - Screen	Map of Well Loca	ation
Outside Material / Siet No Depth ( <i>m/ft</i> ) Water Quality	Please provide a map below following instruction	ins on the back.
(cm/in) (Plastic, Galvanized, Steel) Siot No. From To Geocify		
NOT KER ADS		
Other, specify	$  _{\mathcal{A}} = \frac{1}{2}  _{\mathcal{A}} =$	
1 PACTERIA	K W X Y	

CHASTING Water Details **Hole Diameter** Water found at Depth Kind of Water: Fresh Untested Depth (*m/ft*) Diameter 0 (cm/in) From То (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested 55 (*m/ft*) Gas Other, specify • AKM Water found at Depth Kind of Water: Fresh Untested (*m/ft*) Gas Other, specify Well Contractor and Well Technician Information **Business Name of Well Contractor** Well Contractor's Licence No. HOMAS A. POLAN ocke Business Address (Street Number/Name) Municipality Comments: 2thman ( d) 律 <sup>></sup>rovince Postal Code Business E-mail Address Date Package Delivered Ministry Use Only 722 Well owner's information Audit No.Z 202590 Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) package delivered esaulyi · Qu ln Date Work Completed Nell Technician's Licence No. Signature of Technician and/or Contractor Date Submitted Yes 10 An , XNO |OCReceived )506E (2007/12) © Queen's Printer for Ontario, 2007 Ministry's Copy

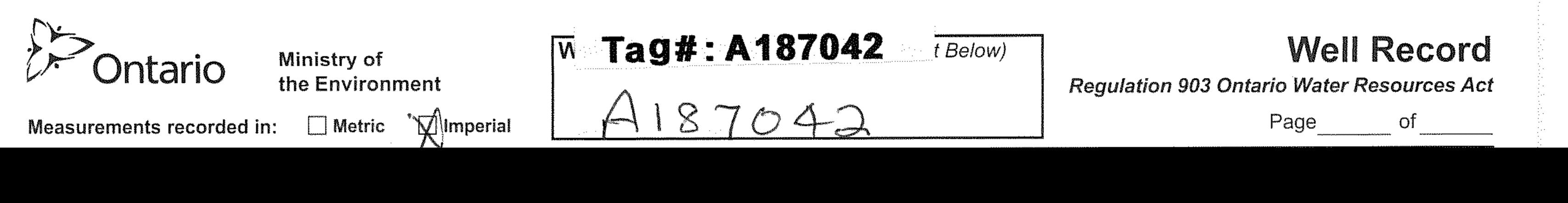




FAmender Newwel	Vell Quoner	0 CHANT - 23/15-TO	AL PIERCE 8A187042-AL	AQ Ad Zo	302606
	Annular Space			Il Yield Testing	
Depth Set at $(m/ft)$ From To $8^{1} 4^{-1} 3$ $4^{1} 0^{1} 4$	Type of Sealant Used (Material and Type) CORE AND CORE AND CORE AND CORE AND CORE AN	Volume Placed (m³/ft³) 4-6=	After test of well yield, water was: Clear and sand free Other, <i>specify</i> If pumping discontinued, give reason:	Draw Down Time Water Level (min) (m/ft) Static Level	Recovery Time Water Leve (min) (m/t)
			Pump intake set at (m/ft)	2	/2
			Pumping rate (I/min / GPM)	3	3

Cable To Rotary (( Rotary (F Boring Air percu Other, st	Conventional) Reverse) Driving Digging	Doi Live Irric Ind	mestic 🗍 Municip estock 🗍 Test Ho		Duration of pumping hrs + min Final water level end of pumping (m/ft) If flowing give rate (I/min / GPM)	4		4 5 10 15	
	Construction R	ecord - Cas	ing	Status of Well		20			**************************************
Inside	Open Hole OR Material	Wall	Depth (m/ft)	Water Supply	Recommended pump depth (m/ft)	20		20	0a 6013 a 10 a
Diameter ( <i>cm/in</i> )	(Galvanized, Fibreglass, Concrete, Plastic, Steel)	Thickness (cm/in)	From Tø	Replacement Well      Test Hole		25		25	
					Recommended pump fate (I/min / GPM)	30		30	
				Observation and/or	Well production (I/min / GPM)	40		40	
				Monitoring Hole	Disipfedted?	50		50	
			<b>*</b>	Abandoned,		60		60	
nomini i i i i i i i i i i i i i i i i i i	Construction R	ecord/Scree	an	Insufficient Supply	Map of We	ell Loc	ation		
Outside Diameter <i>(cm/in)</i>	Material (Plastic, Galvanized, Steel)	Slot No.	Depth ( <i>m/ft</i> ) From To	Water Quality	Please provide a map below following i			ck.	
			NO1 573	1000000000000000000000000000000000000	5/ 120	OQE	K		
			Bacharic		KY the state	5× 1	E		

CHEV. PH. Water Details Hole Diameter Nater found at Dooth Kind of Water: Fresh Untested Depth (*m/ft*) Diameter From (cm/in) То (m/ft) Gas Other, specify Nater found at Depth Kind of Water: Fresh Untested 50 2KM (m/ft) Gas Other, specify  $\vec{o}$ Vater found at Depth Kind of Water: Fresh Untested (*m/ft*) Gas Other, specify  $\frown \bigcirc$ Well Contractor and Well Technician Information HEMAS A-DELAN lusiness Name of Well Contractor Well Contractor's Licence No. A DECEMBER OF Leck X2ULING usiness Address (Street Number/Name) Municipality Comments: <<br/>t< MON  $\triangleleft P$ 'rovince Postal Code Business E-mail Address 20 Well owner's Date Package Delivered Ministry Use Only information Audit No. us.Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) package 02603 25 delivered Date Work Completed Tell Technician's Licence No. Signature of Technician-and/or-Gontractor Date Submitted Yes X No  $\bigcirc$ Maria and a start where the st 19149C © Queen's Printer for Ontario, 2007 506E (2007/12) Ministry's Copy

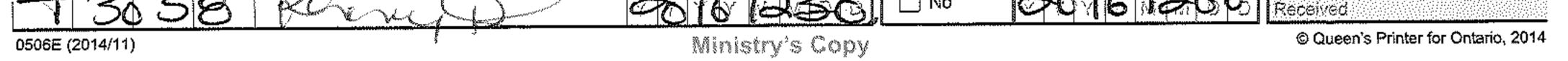


Address of Well Lo	ocation (Street Number/Name)	Township	Lot	Conces	ssion				
#120G	SRASSHOPPER L	ANE WESTCH	HLETON YU		4-2				
County/District/Mu		City/Town/Village	$\sim$ $i$	Province	Postal C	ode			
STIANP	F-CARLEJON	<u>DUNKC</u>	<u>SBIN</u> Ontario						
UTM Coordinates	Zone Easting Northing	Municipal Plan and Subl	ot Number	Other	. 1				
NAD 8 3	18420393503	10600 PLAN	4M-841	$\Box$					
Overburden and	I Bedrock Materials/Abandonmen	t Sealing Record (see instructions on the	a back of this form)						
General Colour	Most Common Material	Other Materials	General Description	1	Depth From	( <i>m</i> ) To			
Gran	Silt & Some	A A A A A A A A A A A A A A A A A A A			n'	791			
	Ciau a Gran	el			$\overline{\gamma \alpha'}$	831			
					$\langle \cdot \rangle$	$i \rightarrow 2$			
CS/44	MANESIDR				00				
12hle	Sendstone				1331	20			
weiter.	A Areanoster								
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۸ ۸.			$\Lambda$	$\sim$					
* Ame	MODUMA	CHANSP	HERCE	X					
	Annular Space		Results of W	<u>-/-&gt;</u> ell Yield Test	ina				
Depth Set at (m			After test of well yield, water was:	Draw Dow		overy			
From			Clear and sand free	Time Water I		ater Level			
90' 8c	( Warened S	3(urry 12,43	Other, specify	(min) (ma	D (min)	(m#)			
	$\frac{1}{2}$		If pumping discontinued, give reason:	Static A 4	_U   C	¥3'6'			
30'0	1 12-ABNIC >10	$\lambda ( d ) = 25.22$		1 1-700	2 ( 1 -	281/11			
			Pump intake set at (m/ttp)			<u> </u>			
() (in mi in tha mana an tha ina an an tha in an			II and so a mark	<sup>2</sup> 6/5 'e	51 2 -	1 [ 8 ]			
			Pumping rate (I/min / CEM)	3 321	" 3 L	544			
Method of	Construction	Well Use							

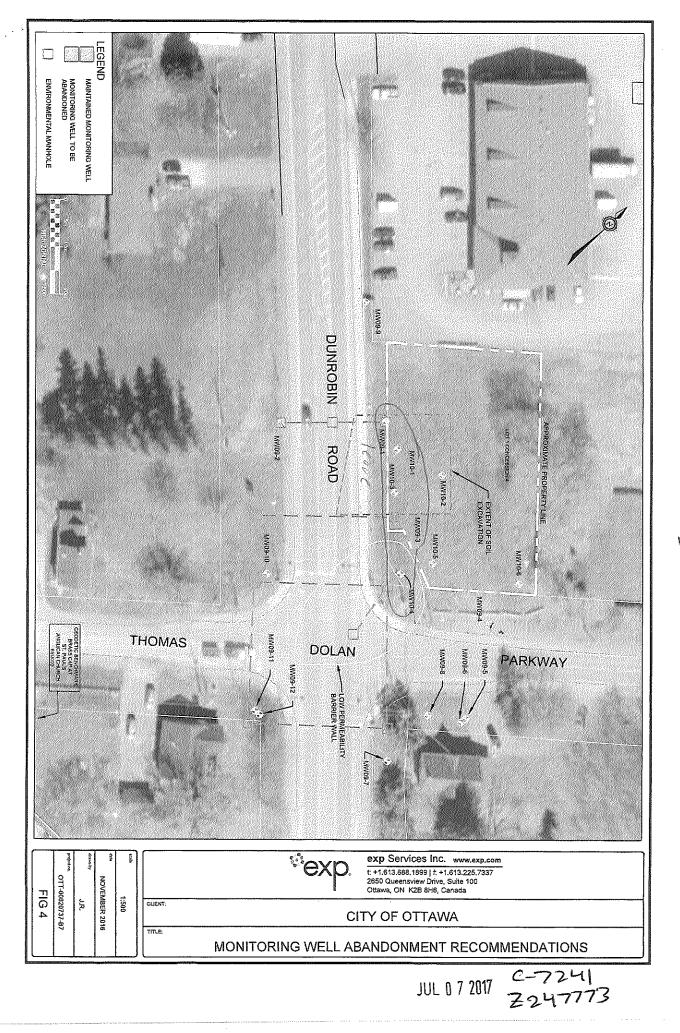
C 60'3" 4 Cable Tool Not used Public Commercial Diamond Duration of pumping **A**Qomestic Rotary (Conventional) Municipal Dewatering Jetting 5 312" 5 hrs +  $\bigcirc$ min Monitoring Rotary (Reverse) Test Hole Driving Livestock Final water level end of pumping (m/ft) Digging Boring Cooling & Air Conditioning \_\_\_\_\_ Irrigation 10 63'2" 37 10 Air percussion Industrial 3 O Other, specify Other, specify · 1.--- (1 15 15 6'2" If flowing give rate (I/min / GPM) Status of Well **Construction Record - Casing** 84'2" 20 20 91011 Depth (mAD) Recommended pump depth (ma Inside Water Supply **Open Hole OR Material** Wall (Galvanized, Fibreglass, Diameter Thickness 189'8" Replacement Well 25 25 31911 То From (cm/in) Concrete, Plastic, Steel) (cm/iD Test Hole Recommended pump rate 30 30 93'4" . Recharge Well 0'6 - 188 (I/min /GEMY -+2  $Q_0$  $\bigcirc$ Dewatering Well  $\bigcirc$ 312" 40 40 Cining Observation and/or · 90 Well production (I/min / GPM)  $\mathcal{E}$ 16 K)/1> >0n Monitoring Hole ·93'6" 50 50 Alteration Disinfected? (Construction) 193'L" 60 60 Y Yes No Abandoned, Insufficient Supply Map of Well Location **Construction Record - Screen** Abandoned, Poor Please provide a map below following instructions on the back. Outside Water Quality Depth (*m/ft*) Material Diameter Slot No. Abandoned, other, (Plastic, Galvanized, Steel) То From (cm/in) specify Other, *specify* And the Hold Water Details **Hole Diameter** Kintested Water found at Depth Kind of Water: Fresh Depth (*m/ft*) Diameter (cm/in) From То (*m(ft*)) Gas Other, specify  $\bigcirc$ Nater found at Depth Kind of Water: Fresh Sontested 90  $\cap$ (m/t) Gas Other, specify 300 90  $\bigcirc$ Nater found at Depth Kind of Water: Fresh VUntested 16 in the second Other, specify Gas Lan. 0 Well Contractor and Well Technician Information THOM AS A. DOLAN <u>\_\_</u> 3usiness Name of Well Contractor Well Contractor's Licence No. 3usiness Address (Street Number/Name) Municipality Comments: <p Postal Code Business E-mail Address <sup>2</sup>rovince 4220 **Date Package Delivered** Well owner's Ministry Use Only 41 Audit No.Z 202606 information Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) package 128 delivered Date Work Completed XYes Vell Technician's Licence No. Signature of Technician and/or Contractor Date Submitted ( No 00 KD ----1506E (2007/12) © Queen's Printer for Ontario, 2007 Ministry's Copy

Ministry of the Environment Well Tag I and Climate Change Measurements recorded in:	No. (Place Sticker and		V 903 Ontario V Pag	Vater Reso	ecord
Address of Well Location (Street Number/Name) Tov	wiship March	Lot		ion	
	y/Town/Village	REN	Province Ontario	Postal	Code
	nicipal Plan and Sublot		Other	9	<u>i</u>
NAD 8 3 3444 (11 DO 20601 Overburden and Bedrock Materials/Abandonment Sealing Record	(see instructions on the b	back of this form)			
General Colour Most Common Material Other	<sup>r</sup> Materials	General Description	) 	From	th $(n + t)$ To
- deepen Existing	Sadaci	$\sim \sim 0$		6.	621
	Sin Line	estre		731	82'
	····			2	
					· · · · · · · · · · · · · · · · · · ·
			·····	   	
(No WWR Conbelocated)					
Annular Space Depth Set at ( <i>m/ft</i> ) Type of Sealant Used	Volume Placed	Results of W After test of well yield, water was:	ell Yield Testi Draw Dowr		ecovery
From To (Material and Type)	( <i>m³/i</i> t³)	Clear and sand free Other, <i>specify</i>	11	evel Time	Water Level (m/ft)
		If pumping discontinued, give reason	Static Level 17'4	41	21'
			1 20'8	11 1	18'6"
		Pump intake set at (mft)	2 2019	11 2	17'4'
Method of Construction Well Use		Pumping rate (Umin / PM)	3 21'	3	17'4"
Cable Tool Diamond Conventional Diamond Conventional Diamond Municipal		Duration of pumping	$\frac{4}{5}$	4 	17'4"
Rotary (Reverse)     Driving     Livestock     Test Hole		Final water level end of pumping (m/	5 <u>2('</u> 10 ,	5 10	17'4"
Air percussion		If flowing give rate (Vmin / GPM)	15	15	
Construction Record - Casing	Status of Well	X	20	20	
Inside Open Hole OR Material Wall Depth ( <i>m/ft</i> ) Diameter (Galvanized, Fibreglass, Thickness ( <i>cm/in</i> ) Concrete, Plastic, Steel) ( <i>cm/in</i> ) From To	Replacement Well	Recommended pump depth (mt)	25	25	
	Test Hole Recharge Well	Recommended pump rate	30	30	
	Dewatering Well Observation and/or	Well production (I/min / @MD	40	40	
	Monitoring Hole Alteration (Construction)	Disipfected?	50	50	
	Abandoned, Insufficient Supply	Yes No	60 1	60	
Construction Record - Screen           Outside         Material	Abandoned Poor	Nap of N Please provide a map below followin	Vell Location g instructions on t	he back.	
Diameter (Cm/in) (Plastic, Galvanized, Steel) Slot No. From To	Abandoned, other, specify			0	repine
	Other, <i>specify</i>		1 as	= Yorc	-1
			7\ '	-770	2~~
Water found at Depth Kind of Water: Fresh Untested Depth	ole Diameter n ( <i>m/ft</i> ) Diameter To (cm)	QER			
Water found at Depth Kind of Water: Fresh Untested 62'	82'514"	, KM			
Image: The second se		ole y		rlon	
(m/ft) Gas Other, specify		8.00	ros [		
Well Contractor and Well Technician Informati Business Name of Well Contractor Well	on I Contractor's Licence No.	The			
ARRACK FRILLING COLTD	Vicinality	Comments:			
Business Address (Street Number/Name)					
Province Postal Code Business E-mail Address		Well owner's Date Package Delive	red M	inistry Us	e Only
Bus Telephone No. (inc. area code) Name of Well Technician (Last Name, F	First Name)	information package delivered		llam (mm 🛇	7232
Well Technician's Licence No. Signature of Technician and/or Contractor Date		Yes Date Work Complete	d k L	JAN 2	7 2017

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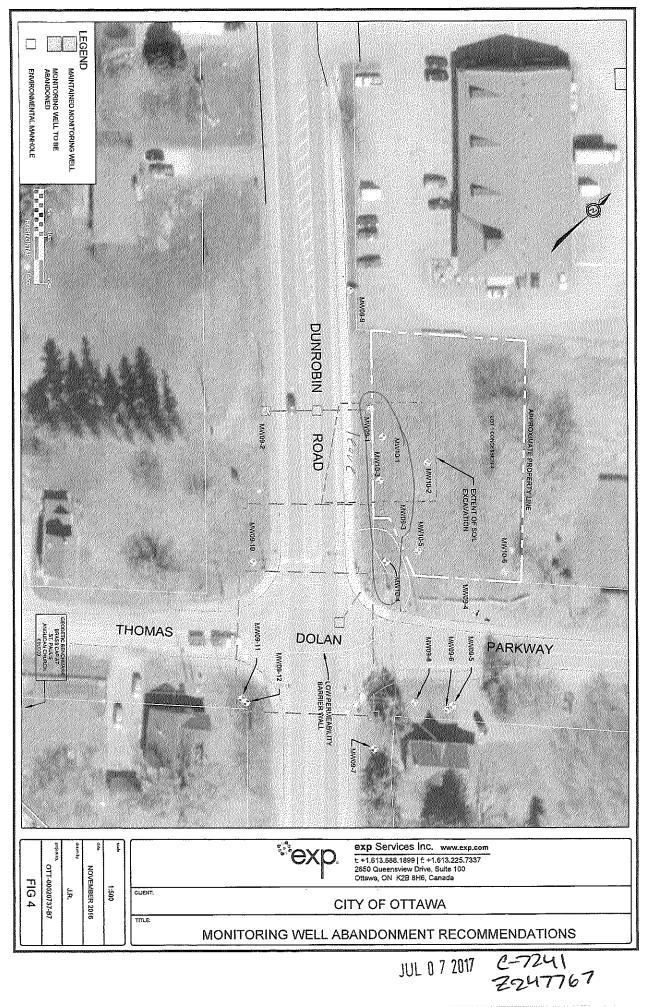


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Meaśurem	ents record	led in: 🗹 🛛	letric 🗌 Ir	nperial	No	Ta	3			negalato.	0000	Page		of
Well Ow First Name	ner's Info	and the second	ast Name /,C	rachization				0/1650	E-mail Address					
			Citi	1 4	ot	tawa	7						by We	Constructed
		r Aven		5th	FLOOR	lunicipality ら十	tawo		Province DN	Postal Code	Ti /	Felephone N	3. (inc.	area code)
Well Loca	ation						τα	<b>•</b>		<u> </u>		_		
Address of	i Well Locatio	on (Street Nur Nobie	nber/Name) RD		T	ownship				Lot		Concession		
	strict/Munici			· · · · · ·	C	ity/Town/Vi	-	•			Provin Onta		Postal	Code
UTM Coord	linates Zone			thing		OHC.V Iunicipal Pla	an and Suble	ot Nu	mber		Other			
	83	8  4  2  0  1 drock Materia		030		rd (and inch	uctions on the	back	of this form)					
General C		***************************************	ion Material			er Materials				al Description			Dep <sup>1</sup> From	th ( <i>m/ft)</i>   To
			· · · · ·											
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······································														
Denth S	et at ( <i>m/ft)</i>	iliana ang sa	Annular			Volum	e Placed	Afte	R er test of well yield, w	lesults of We		d Testing aw Down	R	ecovery
From			(Material and				r²/ft²)		] Clear and sand fr ] Other, <i>specify</i>		<del> </del>	Water Level (m/ft)		Water Level (m/ft)
<u>0</u>	7.62	Ben-	ton, te	- <u></u>					umping discontinue	d, give reason:	Static Level	(112)7	(7717)	
											1		1	
								Pu	mp intake set at (m	ı∕ft)	2	·.·. ·	2	
	hod of Co	nstruction	anna an taonn an taonn an tao		Well Us			Pu	mping rate (I/min / (	GPM)	3		3	
Cable To	ool	Diamond				rcial 🗌	] Not used	Du	ration of pumping		4		4	
Rotary (	Conventional Reverse)	I) Ustting	Don		Test Ho		Dewatering Monitoring		hrs +n	ายา	5		5	
Boring	ussion	Digging	Irrig		Cooling	& Air Conditi	ioning	Fin	al water level end of	f pumping (m/ft)	10		10	
Other, s		a a constant a second a la seconda a seconda de seconda de seconda de seconda de seconda de seconda de seconda	,	er, specify _		at historia and a terrar	of Well	lf ile	owing give rate (I/n	nin / GPM)	15		15	
Inside	Open Hole	nstruction R e OR Material	Wall		( <i>m/ft</i> )	U Water		Re	commended pump	depth (m/ft)	20		20	
Diameter (cm/in)	Concrete,	ed, Fibreglass, Plastic, Steel)	Thickness (cm/in)	From	То	Test H	æment Well ole	Ro	commended pump	rate	25		25	
<u>S.Ze</u>	AVC	• •	.390	9	1.82	Recha	Ŧ		nin / GPM)	140	30		30	
							ation and/or	We	ell production (I/min	/ GPM)	40		40	
						Alterat (Const	ion ruction)		infected?		50 60		50 60	
		onstruction R					cient Supply		] Yes [] No	Map of W		ation	00	
Outside Diameter	M	laterial	Slot No.		ı ( <i>m/ft</i> )	Water	oned, Poor Quality	Ple	ase provide a map				ack.	
(cm/in)	(Plastic, Ga	Ivanized, Steel)		From	70	specify								
<u></u>						- Other,	n <u>CCd ec</u> specify							
		Water Del				lole Diame								
Water four	nd at Depth	Kind of Wate		Untested		th ( <i>m/ft</i> )	Diameter (cm/in)			See MW G	, ,	ngf		
		Other, spe Kind of Wate		Untested		7.62	6.03			MICO	9			
(n	n/ft) ⊡Gas	Other, spe	cify							114 9	- 1-			
		Kind of Wate		Untested										
	W	ell Contracto	*****	Technicia	n Informa	tion	•							
State	Name of Wel	lling Bl	GUP		We	7 Z	s Licence No. 4							
Business A	Address (Stre	eet Number/Na	ime)			inicipality		Cor	mments:					
<u>Province</u>		ostal Code	Business	E-mail Add	Iress	1740 ITLO	<u>n</u>							
on		13K81		<u>Corols</u>		First Name		info	mation	ackage Delivere	d	Minist Audit No. 🍞	ry Use	Only 7770
	10ne No. (inc. 9407	919	ha/	1.0	las	J.s.	/	deli	kage vered YYY Date W	Y   Y   M   M ∕ork Completed	00	JUL 0	<u> く</u> 4 7 2	1113 17
Well Techni	cian's Licence	No. Signature	of Technicia	n and/or Co	ontractor Da		251 246		] Yes ] No 201		2 6	JUL U Received	1 20	<b>1</b>
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	, Ministry o	of the Enviro	nment	Well Tag	No. (Place Sticker an	d/or Print Below)			We	II R	ecord
FOr	ntario and Clim	ate Change		g		,	Regulation	903 Or			
۸¢≧sureme	nts recorded in: 😼 Me	etric 🗌 Im	perial	R/a	Tag				Page		of
Well Own	er's Information										
First Name		st Name / Or	ganization	-1 o	LLDI.10	E-mail Address					onstructed
	(O)	<u> </u>	:ty		unicipality	Province	Postal Code		elephone No	<u> </u>	li Owner
10 La	ress (Street Number/Nam Mr: - er Avenu-e	e) i∕i / (⊂]	HA		ottawa	ON	KI PI			. (mo. «	
Well Loca	with a set of the second s	<u> </u>			<u>ULIU009</u>	<u> </u>					
- Physical State Constrained State	Well Location (Street Num				wnship		Lot	C	Concession		na na na sana na sana na sa
<u>Dun Cab</u>	in RD t	Thom	as p	olan	Pashuay						0
County/Dist	rict/Municipality		•	Ci	ty/Town/Village ∩ H9, √9			Provinc Onta		Postal	Code
UTM Coordin	nates Zone & Easting	. Nor	thing	- M	UTI40 9 unicipal Plan and Sublo	t Number		Other	2 2 4		
NAD			303								
	in and Bedrock Materia		and the second se		d (see instructions on the	back of this form)					
General Co	olour Most Commo	on Material		Othe	er Materials	Gene	ral Description			Dep <sup>.</sup> ≓rom	th ( <i>m/ft</i> ) To
*******											
······											
									·		
											<u> </u>
			1								
		Annular	Snace			n ween een Stationeen een ee	Results of W	ell Yield	1 Testina /	man (iki)	
Depth Se	et at ( <i>m/ft</i> )	Type of Seal		<u></u>	Volume Placed	After test of well yield		Dra	iw Down		ecovery
From		(Material and	і Туре)		(m³/ft³)	Clear and sand	free	Time	Water Level (m/ft)	Time (min)	Water Level (m/ft)
0	2,43 Bent	on fl				Other, specify     If pumping discontinu	od civo reason:	Static	(114)	[11103]	preny
2.43	7.3 Group	1 01.	r r i l				eu, give reason.	Level			
	1. 1 (8:00)	/0						1		1	
•••						Pump intake set at (	m/ft)	2		2	
						Pumping rate (Vmin )	(0014)	3		3	
Meth	nod of Construction			Well Us		Fulliping rate (minin	0rm)	4		4	
Cable To		Pub		Commer	and the	Duration of pumping	}	4			
Rotary (C	Conventional)   Jetting Reverse)  Driving	Don 🗌 Live		Test Hol			min	5		5	
Boring	Digging	🗌 🗌 Irrig		Cooling	& Air Conditioning	Final water level end	of pumping (m/it,	10		10	
Air percu		Indu Oth	ustrial er, <i>specify</i> _			If flowing give rate (		15		15	
	Construction Re				Status of Well		aniin 7 Gr wy			20	
Inside	Open Hole OR Material	Wall	Contraction of the second s	n ( <i>m/it</i> )	Water Supply	Recommended pur	np depth (m/ft)	20		20	
Diameter (cm/in)	(Galvanized, Fibreglass, Concrete, Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well			25		25	
5.20	PIR	.390	0	1.82	Recharge Well	Recommended pun (i/min / GPM)	np rate	30		30	
9.20		115	<u> </u>	1.02	- Dewatering Well			40		40	
					Observation and/or Monitoring Hole	Well production (I/m	in / GPM)				
					Alteration	Disinfected?		50		50	
					(Construction)	🗌 Yes 🔲 No		60		60	
	Construction R	ecord - Scre	en	<u> </u> 	Insufficient Supply		Map of W	/ell Loc	ation		
Outside	Material			n ( <i>m/ft)</i>	Water Quality	Please provide a ma	p below following	g instruct	ions on the t	ack.	
Diameter (cm/in)	(Plastic, Galvanized, Steel)	Slot No.	From	То	Abandoned, other,						
					netneeded	7					
					- Dther, specify						
							4				
77d21715017005053120001	Water Det			and the second s	th ( <i>m/ft</i> ) Diameter	41 Sr	20 m 1.09-2	10P	7		
	nd at Depth Kind of Water m/ft) Gas Other, spe		Unlested	From	To (cm/in)			• •			
	nd at Depth Kind of Water		Untested	0	7.3 6.03	m	1. n. Q_ 7	,			
(n	n/ft) 🔲 Gas 🗌 Other, spe	cify				1 ~	01-2				
Water four	nd at Depth Kind of Water	r: 🗌 Fresh [	Untested	ī							
(n	n/ft) 🗌 Gas 🛄 Other, spe										
	Well Contracto	or and Well	Technicia		tion all Contractor's Licence No.						
	Name of Well Contractor $a \neq a = a + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +$		7	446	>   1   4   1						
Business A	a Ta UP, 111 Address (Street Number/Na	ime)	. 2012	Mu	unicipality	Comments:					
	Shiplds .	lost		/	Tarkham						
Province	Postal Code		s E-mail Ad	dress					F		
ON	1 23R8V	2 Wr	e Cord	15051	ratasoil lost	Well owner's Date	Package Deliver	red	Minis Audit No.	try Us	e Only
Bus.Teleph	none No. (inc. area code) Na	ame of Well 1		(Last Name,	tirst Name)	package	(   Y   Y   M   M	סס		6 ( . L	1101
Well Techni	9407919		an and/or C	ontractor	te Submitted		Work Complete	a 🗍	JUL 0	7 20	17
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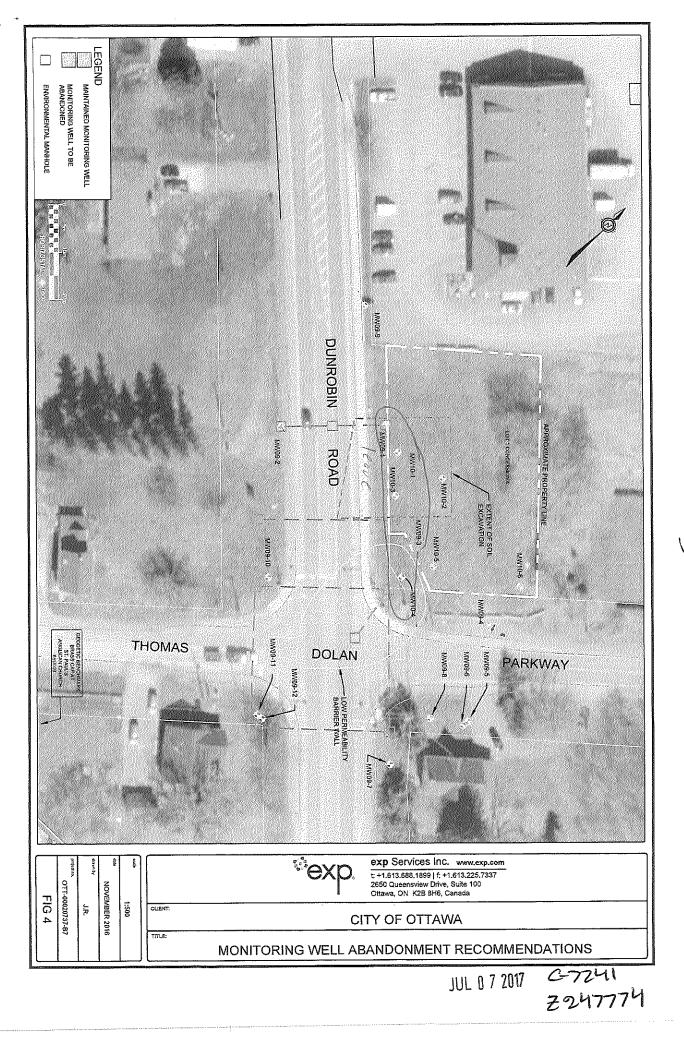


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			5204.404				
Ontario Ministry of the Environment and Climate Change	Well Tag No. (Place Sticker and/		tion 903 Ontario Water Resources Act				
Measurements recorded in: Metric 🗌 Imperial	NO Tag		Page of				
Well Owner's Information           First Name         Last Name / Organization	" of offerio	E-mail Address	Well Constructed				
Mailing Address (Street Number/Name)	UTAWA Municipality	Province Postal Code	by Well Owner Telephone No. (inc. area code)				
<u>110 Lawrier Avenue W, 5th F</u> Well Location	-bor Ottawa	ON KILHI					
Address of Well Location (Street Number/Name)	Township	Lot	Concession				
County/District/Municipality	City/Town/Village		Province Postal Code Ontario				
UTM Coordinates Zone Easting Northing NAD   8   3   1   8   4   2   0   1   9   6   5   0   3   0	Municipal Plan and Sublot	Number	Other				
Overburden and Bedrock Materials/Abandonment Se		ack of this form) General Descriptior	Depth ( <i>m/ft</i> )				
General Colour Most Common Material		General Descriptor	From To				
Annular Space           Depth Set at (m/ft)         Type of Sealant Used	Volume Placed	After test of well yield, water was:	ell Yield Testing Draw Down Recovery				
From To (Material and Type) O 7.62 Bentonite	<u>(m³/fť³)</u>	Clear and sand free Other, <i>specify</i>	Time         Water Level         Time         Water Level           (min)         (m/ft)         (min)         (m/ft)           Static				
		If pumping discontinued, give reason					
		Pump intake set at (m/ft)	2 2				
Method of Construction	Well Use	Pumping rate (I/min / GPM)	3 3				
Cable Tool     Diamond     Public     Rotary (Conventional)     Jetting     Domestic	Commercial Not used	Duration of pumping	4 4				
Rotary (conventional)     Jetting     Domestic       Rotary (Reverse)     Driving     Livestock       Boring     Digging     Irrigation		hrs + min Final water level end of pumping (m/t	5 5 0 10 10				
Air percussion		If flowing give rate (Vmin / GPM)	15 15				
Construction Record - Casing	Status of Well Oth (m/ft) Water Supply	Recommended pump depth (m/fi)	2020				
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete, Plastic, Steel) (cm/in) From	To Replacement Well	Recommended pump rate	25 25				
5.20 PVC .390 0	1. 82 □ Recharge Well □ Dewatering Well	(Vmin / GPM)	40 40				
		Well production ( <i>l/min / GPM</i> )	50 50				
	(Construction)	Disinfacted?	60 60				
	Insufficient Supply Abandoned, Poor th ( <i>m/ft</i> )	Map of I Please provide a map below followir	Well Location g instructions on the back.				
Diameter (cm/in) (Plastic, Galvanized, Steel) Slot No. From	To Abandoned, other, specify	<u>}</u>					
	<u>n:; + re€cloo</u> □ Other, specify	SPR	Map				
Water Details	Hole Diameter	See MW09	د)				
Water found at Depth Kind of Water: Fresh Untesta (m/ft) Gas Other, specify	From To (cm/in)	111409	- /				
Water found at Depth Kind of Water: Fresh Untesta (m/ft) Gas Other, specify	ed () 7.67 6.03		-				
Water found at Depth Kind of Water: Fresh Untest	ed						
Well Contractor and Well Technic Business Name of Well Contractor	ian Information Well Contractor's Licence No.						
Strate Drilling Group Business Address (Street Number/Name)	7 2 9 1 Municipality	Comments:					
165 Steilds Cit	Markham						
Province Postal Code Business E-mail A LI3RBUZURCOD	g a state so. 1. Ca	Well owner's Date Package Delive	Long Long Long				
Bus Telephone No. (inc. area code) Name of Well Technician	n (Last Name, First Name)	delivered Date Work Complete					
Well Technician's Licence No. Signature of Technician and/or	Contractor Date Submitted	$\square \text{ Yes} \\ \square \text{ No} \qquad \mathbb{Z}[0]i[\overline{1}]0]i$	SZ6 Received				

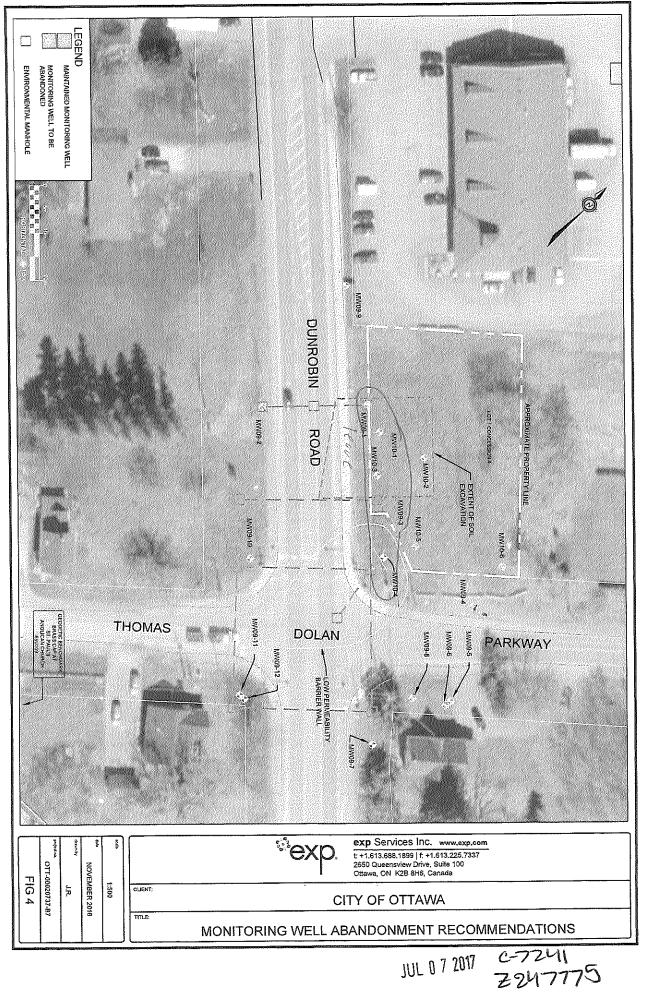
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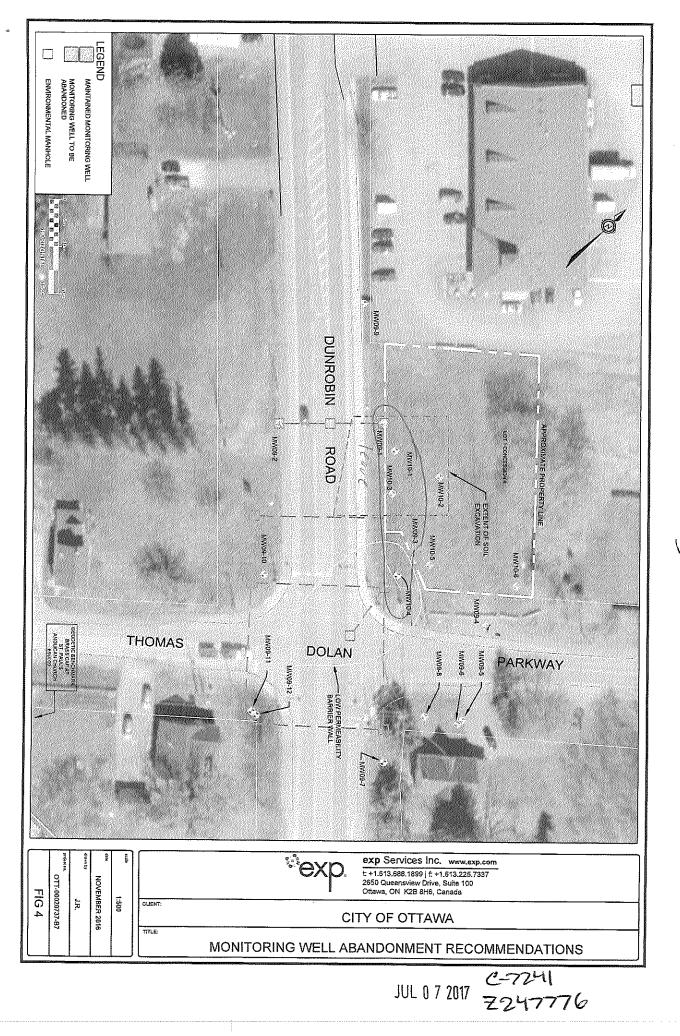
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Ministry of the Envi	ronment Well Tag	No. (Place Sticker and	l/or Print Below)	We	ell Record
Contario and Climate Chang					er Resources Act
Aeasurements recorded in: 🗹 Metric 🔲 I	Imperial 1/0	Tag		Page_	of
Nell Owner's Information					
	Organization	leuia	E-mail Address		Well Constructed by Well Owner
Mailing Address (Street Number/Name)	VITY OT	fawa nicipality ptfawa	Province Postal Code	Telephone N	lo. (inc. area code)
10 Lourier Avenue W,	5th Floor	ottawa	ON KIPII		
Nell Location		V			
Address of Well Location (Street Number/Name)	e Data 201	wnship Clairest	Lot	Concession	I
Dun Cobin RD Y Thomas County/District/Municipality	S Volan PU	<u>ИЈЧУ</u> y/Town/Village		Province	Postal Code
		Hawa		Ontario	
		inicipal Plan and Sublot	Number	Other	
NAD   8   3   1   8 4   2   9 2   0   8 5 Overburden and Bedrock Materials/Abando		1 (see instructions on the i	back of this form)		
General Colour Most Common Material		r Materials	General Description	I	Depth ( <i>m/ft)</i> From   To
		<u>-</u>			
		,			
Annula			Results of W After test of well yield, water was:	ell Yield Testing	Recovery
Depth Set at ( <i>m/ft</i> ) Type of Se From To (Material a	alant Used nd Type)	Volume Placed (m³/fť³)	Clear and sand free	Time Water Leve	al Time Water Level
0 9,1 Bentonite	,		Other, specify	(min) (m/ft) Static	(min) (m/ft)
			If pumping discontinued, give reason:	Level	
				1	1
			Pump intake set at (m/ft)	2	2
			Pumping rate (Vmin / GPM)	3	3
Method of Construction	Well Use		Fullping late (minn Grim)	4	4
	ublic Commer omestic Múnicipa		Duration of pumping		5
	ivestock Test Hold		hrs + min	5	
	rigation 🔄 Cooling & ndustria!	& Air Conditioning	Final water level end of pumping (m/in	/ 10	10
	her, specify		If flowing give rate (I/min / GPM)	15	15
Construction Record - Ca		Status of Well		20	20
Inside Open Hole OR Material Wall Diameter (Galvanized, Fibreglass, Thickness	Depth ( <i>m/ft</i> )	Water Supply Replacement Well	Recommended pump depth (m/fi)	25	25
(cm/in) Concrete, Plastic, Šteel) (cm/in)	From To	Test Hole	Recommended pump rate	30	30
5.20 PVC 1390	0 1.82	Recharge Well	(Vmin / GPM)		
		Observation and/or	Well production (I/min / GPM)	40	40
		Monitoring Hole	Disinfected?	50	50
		(Construction)	Yes No	60	60
Construction Record - Sc	reen	Insufficient Supply		Vell Location	
Outside Material	Depth ( <i>m/ft</i> )	Water Quality	Please provide a map below followin	ig instructions on the	back.
Diameter ( <i>crrt/in</i> ) (Plastic, Galvanized, Steel) Slot No.	From To	Abandoned, other, specify			
		not needed	1		
		Other, specify			
Water Details	lF	lole Diameter	See MWOG	map	
Water found at Depth Kind of Water: Fresh	n Untested Dep From	th ( <i>m/ft</i> ) Diameter To ( <i>cm/in</i> )			
(m/ft) Gas Other, specify		9.1 6.03	MWOO	1-5	
Water found at Depth Kind of Water: Fresh (m/ft) Gas Other, specify		111 0:00			
Water found at Depth Kind of Water: Fresh	u Untested				
(m/ft) Gas Other, specify		<u> </u>			
Well Contractor and We	ell Technician Informa	tion Il Contractor's Licence No.			
Business Name of Well Contractor Strata D. S. Ming S. Cel		7   2   4   1			
Business Address (Street Number/Name)	Ø1 Mi	inicipality	Comments:		
165 Should'S CC7		marthan			
Province Postal Code Busine	ess E-mail Address	trate So, 1.Cq	Well owner's Date Package Delive	ered Min	istry Use Only
ON LISRIVE UN Bus. Telephone No. (inc. area code) Name of We	Technician (Last Name,		information	Audit No.	and the second se
1910151914161719114	11adad	Phil	Date Work Complete	ed	
Well Technician's Licence No. Signature of Jechni	ician and/or Contractor Da	te Submitted	$\square NO 201705$		JL 0 7 2017
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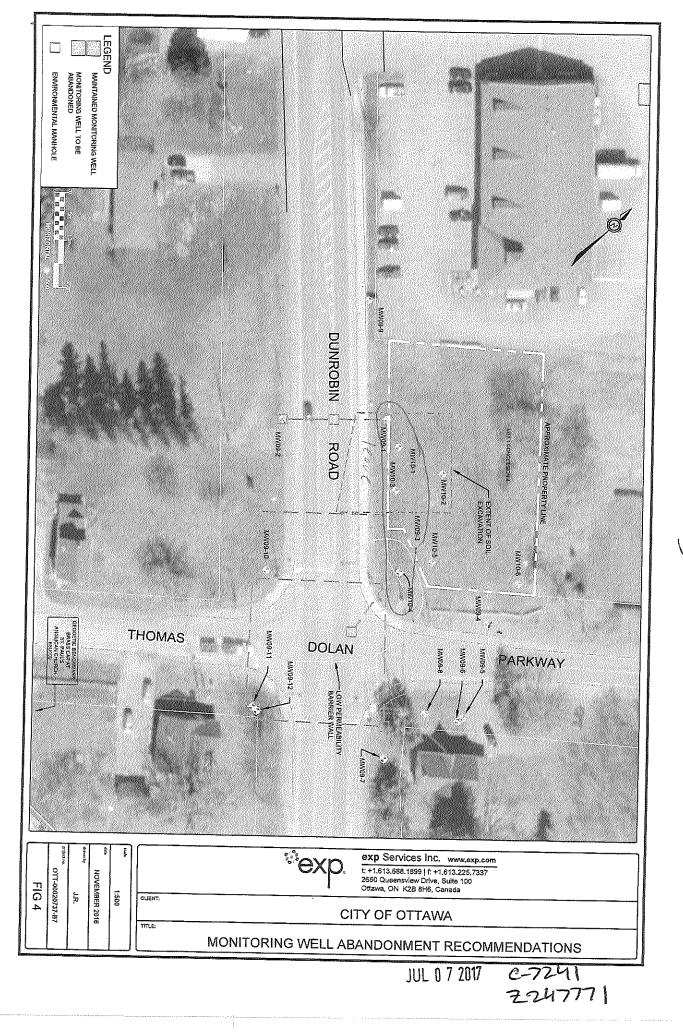
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	ts recorded in:	_	perial	N	a Tag		Regulation	903 OM	Page	( NESU	_
Nell Owne	r's Information		L								
irst Name	Las	t Name / Org	ganization ty 6	· ·	Hawa	E-mail Address			-	by Well	
	ss (Street Number/Name urier Avenue	w.H	h Ho	Mu	nicipality OHEAWG	Province ON	Postal Code		lephone No	). (inc. a	rea code)
Nell Locati	on						Lot		oncession		
Address of W	ell Location (Street Numb	er/Name)	Dojar	, Park	wnship 1227		LOC				
County/Distric	ct/Municipality			Cit	y/Town/Village		····	Province		Postal (	Code
	tes Zone Easting	Nort		Mu	nicipal Plan and Sublo	t Number		Other	L	I., I.row	nala — i
NAD 8	3 7 8 4 20 2 and Bedrock Material	0550 s/Abandoni			I (see instructions on the					Dont	n ( <i>m/ft</i> )
General Cold	our Most Commo	n Material		Other	· Materials	Gene	eral Description		F	From	To
											]
<u>,</u>											
											· · · · · · · · · · · · · · · · · · ·
						<b></b>					
		AnnularS	and the second second second second		Values Disead	After test of well yield	Results of W		<b>Testing</b> w Down	R	ecovery
Depth Set	To	Type of Seala Material and			Volume Placed (m³/ft³)	Clear and sand		Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
<u> </u>	1.38 Bent	onite				If pumping discontinu	ied, give reason:	Static Level			
								1		1	
						Pump intake set at	(m/ft)	2		2	
	od of Construction	and <u>contraction</u>		Well Us		Pumping rate (I/min	/ GPM)	3		3	
Cable Too	ol Diamond			Commer	cial 🗌 Not used	Duration of pumping	9	4		4	
Rotary (Co	everse) 🗌 Driving	Don	stock	Test Hol	Monitoring	hrs + Final water level end	min of pumping (m/fi	5		5	
Boring			Istrial		& Air Conditioning			10		10 15	
Other, spe	Construction Re		er, <i>specify</i> _ Ing		Status of Well	If flowing give rate (		20		20	
Inside Diameter	Open Hole OR Material (Galvanized, Fibreglass,	Wall Thickness	Depth From	( <i>m/i</i> t) To	Water Supply	Recommended pur	np depth (m/ft)	25		25	
(cm/in)	Concrete, Plastic, Steel)	(cm/in) .390	0	1.82	Test Hole     Recharge Well	Recommended pur	mp rate	30		30	
5.20	700	<u> </u>		1.06	Dewatering Well	Well production (I/n	nin / GPM)	40		40	
					Monitoring Hole	Disinfected?		50		50	
					(Construction)	Yes No		60		60	
	Construction R	ecord - Scre		( 160)	Abandoned, Poor Water Quality	Please provide a ma	Map of V ap below followin			back.	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	From	n ( <i>m/ft</i> )   To	Abandoned, other, specify						
					Dother, specify		,		0		
							See	M	9P		
Water foun	Water De d at Depth Kind of Wate	and the second se	Untested	and the second secon	th ( <i>m/ft</i> ) Diameter		See muo	9 -1	/		
(m	t/ft) □Gas □Other, spe	cify		From	To (cm/in) 11.58 6.03			I t	フ.		
(m	d at Depth Kind of Wate	ecify			11.58 0.00						
	id at Depth Kind of Wate		Untested								
	Well Contract		Technicia	n Informa	tion ell Contractor's Licence No.						
Business N	ame of Well Contractor	Q Carto	L	Į vv	7   2   <u>4  </u>	·					
Business A	Ha DC: Iling ddress (Street Number/Na	ame)		1	unicipality MOCHLGM	Comments:					
<u>Province</u>	Steilds CF- Postal Code	Busines	s E-mail Ad	dress	······································		o Dockson Dali				se Only
	L 3 R 8 V one No. (inc. area code) N	Z Well	Technician	2) Stra (Last Name	HSSONI.CA First Name)	- information package	e Package Delive	. I	Audit No.	1.000	7776
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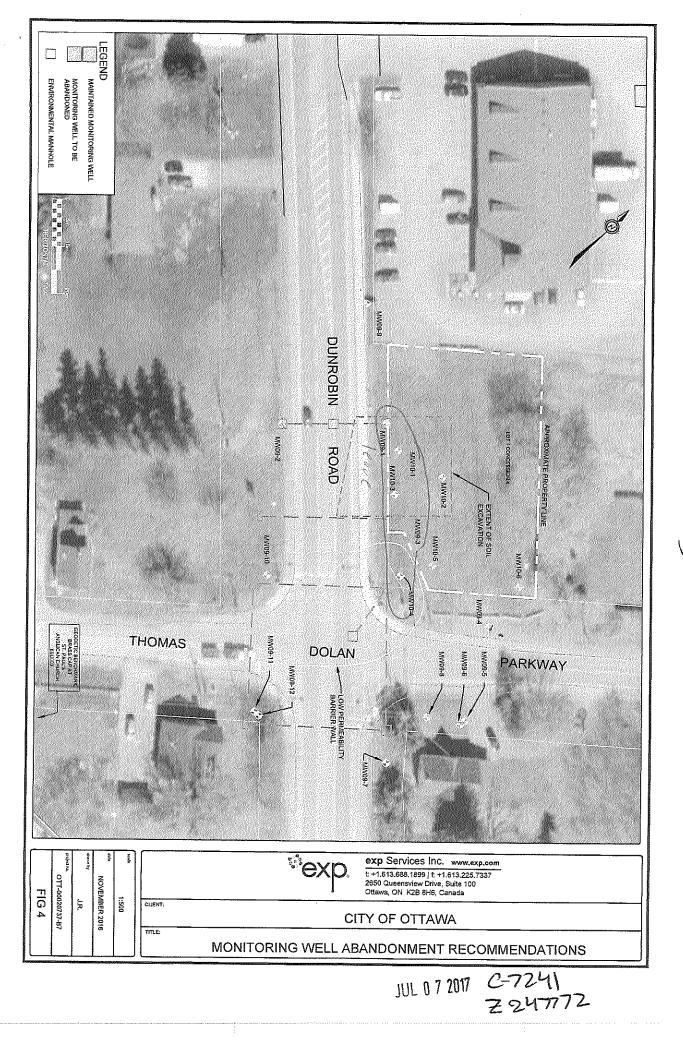


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		of the Environment	Well Tag	No. (Place Sticker and	d/or Print Below)		***	2020 We		ecord			
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	ier's Information				J								
First Name		ast Name / Organizatio	n off	awa	E-mail Address					onstructed I Owner			
	ress (Street Number/Nam	ne)		unicipality OffaWa	Province DN	Postal Code	Te	lephone No	), (inc. i	area code)			
<u>// し</u> Well Loca	awier <u>Avenu</u>	<u>ews</u>	1001	ULDUN		HUPIL	<u>]   /  </u>		NUO SUVO				
Address of \	Well Location (Street Nur		Τα	ownship		Lot	C	oncession					
2500 County/Dist	Jun robin RD	•		ity/Town/Village			Province		Postal	Code			
	nates Zone, Easting	, Northing	M	<u>0代のいゆ</u> 。 unicipal Plan and Sublo	Number		Ontai Other	rio					
NAD	83184201	1825030	397	·									
the second s	en and Bedrock Materi			d (see instructions on the er Materials		ral Description		10000000000000000000000000000000000000	Depth (m/ft				
General Colour Most Common Material Oth				, materials				From	<u> </u>				
		Annular Space				Results of We	Il Yield	Testing					
Depth Se From	et at ( <i>m/ft)</i> To	Type of Sealant Used (Material and Type)		Volume Placed (m³/ft³)	After test of well yield,			w Down Water Level		ecovery Water Level			
0	7.3 Ben	ton te.			Other, specify		(min) Static	(m/ft)	(min)	(m/ft)			
	······································				If pumping discontinue	a, give reason:	Level		1				
					Pump intake set at (/	n/îî)	1		2				
						-	3		3				
<u></u>	nod of Construction		Well Us		Pumping rate (I/min /	GPM)	4	····	4				
Cable To	col Diamon Conventional) Jetting	d Domestic	Comme Comme Mernicipi	al 🗍 Dewatering	Duration of pumping hrs +	min	5		5				
Rotary (F	Reverse)   Driving  Digging	Livestock	Test Ho	le Monitoring & Air Conditioning	Final water level end of				10				
Air percu		☐ Industrial ☐ Other, specify			If flowing give rate (I/	min ( CRM)	15		15				
	Construction R	lecord - Casing		Status of Well			20		20				
Inside Diameter	Open Hole OR Material (Galvanized, Fibreglass,	Thickness	oth ( <i>m/ft</i> )	Water Supply	Recommended pum	p depth (m/ft)	25		25				
(cm/in)	Concrete, Plastic, Steel)		1.82	Test Hole     Recharge Well	Recommended pum (Vmin / GPM)	p rate	30		30				
5.20		.390 0	1.90	Dewatering Well		(0014)	40		40				
			-	Monitoring Hole	Well production (I/mi	n/GPM)	50		50				
				(Construction)	Disinfected?		60		60				
	Construction I	Record - Screen		Insufficient Supply		Map of W							
Outside Diameter	Material (Plastic, Galvanized, Steel)	Slot No.	oth ( <i>m/ft)</i>	Water Quality Abandoned, other,	Please provide a map	below following	instructio	ons on the t	back.				
(cm/in)	(r iasic, baivanized, bied,	) From	To	specify									
				Other, specify		Saa	ma	0					
	Water De	 ⊳tails		lole Diameter		5ee , 110-5	14	٢					
	nd at Depth Kind of Wat	er: 🗌 Fresh 🗌 Unteste		hth ( <i>m/fi</i> ) Diameter	ML	1/0-5	*						
	n/ft) Gas Other, sp nd at Depth Kind of Wat			7.3 6.03									
(1	m/ft) ☐ Gas ☐ Other, sr nd at Depth Kind of Wat	pecify											
	nd at Depth Kind of Wat m/ft) Gas Other, sp												
Ducine N	Well Contract	tor and Well Technic		ition ell Contractor's Licence No.									
	Address (Strept Number/N	group		7241									
Business A	Address (Street Number/N	lame)		unicipality 765 Hham	Comments:								
Province	SLE, 10/5 CF+ Postal Code	Business E-mail A	ddress	)									
ON Bug Talanh	L3R81	VZ WRECOW Name of Well Technician		<u>Ca+950, 1. (q</u> First Name)	information	Package Deliver		Minis Audit No.	stry Us	<u>e Only</u> 7771			
905	94 27919	Halla.	ela u	Pasil	delivered	·   Y   Y   M   M   Work Completed			<u>(</u>	1 1 1 🕹			
Well Techni	ician's Licence No. Signato	re of Technician and/or	Contractor Da	ate Submitted		1785	26	UL Received	072	UV			
0506E (2014				Ministry's Copy					s Printer	for Ontario, 2014			

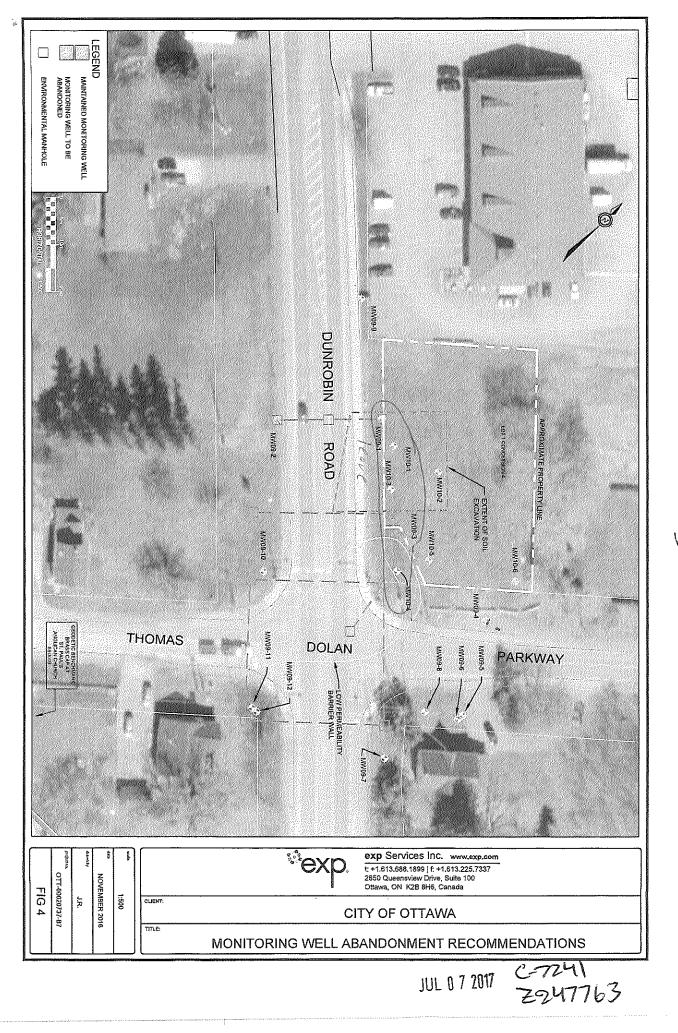


	Ministry of the Environmer and Climate Change	<sup>nt</sup> Well Ta	ng No. (Place S	ticker an	nd/or Print Below)				II R	ecord	
leasurements recorded		nla	Tea			Regulatio	n 903 Or	n <i>tario Wate</i> Page		of	
Vell Owner's Inform	ation	<u> </u>									
irst Name	Last Name / Organiz CHY P	ation F of L	awa		E-mail Address					onstructed	
lailing Address (Street N			Municipality		Province	Postal Code	, T	elephone N	-		
110 Laurier	umber/Name) AVENUE W, 5 <sup>H</sup>	Hoor	ottar	<u>va</u>	<u> </u>	KIPI	<u>J11</u>				
Vell Location			Township			Lot	C	Concession			
2800 Dunio			Other Change and Change				Provinc		Destal	Carda	
County/District/Municipali	ty		City/Town/Village				Onta	_	Postal Code		
JTM Coordinates Zone E		. (1 0	Municipal Plan a	nd Sublo	ot Number		Other				
	420196503 ck Materials/Abandonment		ord (see instructio	ns on the	back of this form)						
	lost Common Material		her Materials			ral Description	<u></u>		Depth ( <i>m/ft)</i> From   To		
										<u> </u>	
Depth Set at (m/ft)	Annular Space Type of Sealant Us	ed	Volume Pla	aced	After test of well yield,	Results of W water was:		I Testing w Down	Re	ecovery	
From To	(Material and Type,	}	(m³/ft³)		Clear and sand f	ree	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)	
0 1.62	Bentonite				If pumping discontinue	ed, give reason:	Static		<u>}</u>		
							1		1		
					Pump intake set at (r	n/ft)	2		2		
					Pumping rate (I/min /	0014	3		3		
Method of Const		Well U		t uppd		Gr My	4		4		
Rotary (Conventional)	Diamond Public Jetting Domestic	Muerici	pal 🗍 🖉	watering	Duration of pumping hrs +	nin	5		5		
	Driving Livestock	Test H	lole 🛛 🗹 Mo g & Air Conditionin	nitoring g	Final water level end o		10		10		
Air percussion Other, <i>specify</i>	Industrial	cify		_	If flowing give rate (1/	min / CRM)	15		15		
Const	ruction Record - Casing		Status of	Well		nin 7 Grw)	20		20		
Inside Open Hole Ol Diameter (Galvanized, F	-ibreglass, Thickness _	Depth ( <i>m/ft)</i>	Water Supp	-	Recommended pum	p depth <i>(m/it)</i>	25		25		
(cm/in) Concrete, Pla			Test Hole		Recommended pum	p rate	30		30		
5.20 PVC	,390 0	+.Ec	Recharge \	Well	(l/min / GPM)		40		40		
			Observation     Monitoring I		Well production (I/min	n / GPM)			50		
			Alteration (Constructi	on)	Disinfected?		50				
			Abandoneo		Yes No		60	u <b>u u</b> da	60		
Outside Mater	struction Record - Screen	Depth ( <i>m/ft</i> )	Abandoned Defension		Please provide a map	Map of V below following			ack.		
Diameter ( <i>cm/in</i> ) (Plastic, Galvar	iai Clat Na	,	Abandoneo specify	l, other,							
			<u>Notne</u>			~					
			Other, spec	спу		See 7W10	Ma	rP			
	Water Details	<u></u>	Hole Diameter		2	a la	. /				
Nater found at Depth Kin (m/ft) Gas	nd of Water: Fresh Unte	sted De From		iameter (cm/in)		1010	- 6				
	nd of Water: Fresh Unte	sted O	7.62 6	.03				ý	<b>9</b> 9.		
( <i>m/ft</i> ) Gas	]Other, <i>specify</i> nd of Water: □Fresh □Unte										
(m/ft) Gas										·	
	Contractor and Well Tech		ation Vell Contractor's Lic	00000 NIO							
Business Name of Well Co Strate DC11,			$7 \mid Z \mid 4$	#					•		
Business Address (Street	Number/Name)		Aunicipality		Comments:	** <b>******</b> ********					
165 56:105 Province Post	C(-) tal Code Business E-mai		marilynom	•							
ON L3	BRISNE Nrecord	's DStra	27250,1.(	<u>'</u> a	Well owner's Date F	ackage Deliver	11		ry Use	Only	
Bus. Telephone No. (inc. are $9 0 S 9 4 0 7 9$	ea code) Name of Well-Technic	ian (Last Nam	e, First Name)	. /	package VV	Y Y M M	DD	Audit No. 🎽	4	1112	
Well Technician's Licence No	b. Signature of Technician and/							JUL I	) 7 20	117	
$\frac{3 F J 2}{0506E(2014/11)}$	<u> </u>		<u> 2017 705</u> Ministry'	<u> (61)</u> • Canu		14 14 16 2	26	Received © Queen's	Printer fo	r Ontario, 2014	
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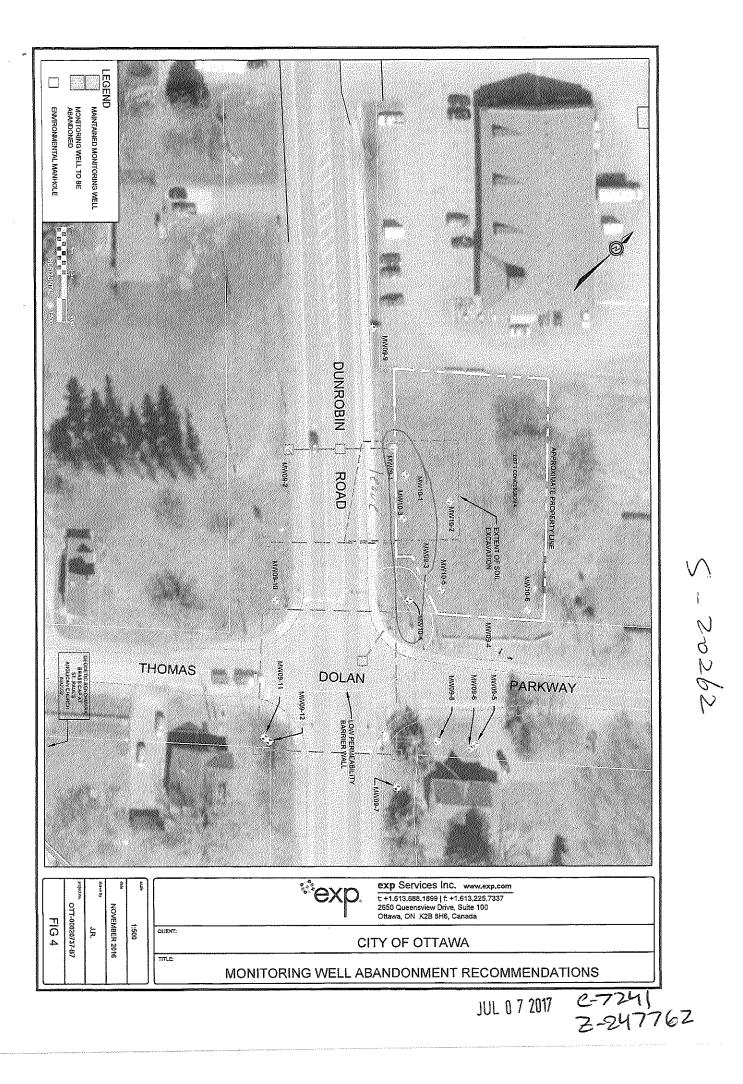
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Ministry of the Environment and Climate Change	Well Tag No. (Place Sticker an	nd/or Print Below)	Well Record
	an Tag	Regulation	903 Ontario Water Resources Act
Aeasurements recorded in: Metric Imperial	No 793		Page of
Well Owner's Information           First Name         Last Name / Organiza		E-mail Address	Well Constructed
City o-	0000		by Well Owner
Viailing Address (Street Number/Name) 110 Laurier Aweune W. 5t	THE AND ATTAWA	Province Postal Code	Telephone No. (inc. area code)
Nell Location			<u>24                                      </u>
Address of Well Location (Street Number/Name)	Township	Lot	Concession
Dun Tobin RD Y Thomas De Dounty/District/Municipality	City/Town/Village		Province Postal Code
	OHava	,	Ontario
JTM Coordinates Zone Easting Northing	9357	t Number	Other
$\frac{\text{NAD} \mid 8 \mid 3 \mid 7 \mid 8 \mid 4 \mid 2 \mid 0 \mid 2 \mid 0 \mid 2 \mid 5 \mid 3 \mid 5		back of this form)	
General Colour Most Common Material	Other Materials	General Description	Depth ( <i>m/ft)</i> From   To
	<u></u>		·······
Annular Space     Depth Set at (m/ft)     Type of Sealant Use	d Volume Placed	After test of well yield, water was:	Il Yield Testing Draw Down Recovery
From To (Material and Type)	(m³/ft³)	Clear and sand free	Time Water Level Time Water Level (min) (m/ft) (min) (m/ft)
0 2.43 Bentonik		Other, specify     f pumping discontinued, give reason:	Static
2.43 7.3 Crast Slorry		in persong discontinues, give reasons	Level
/		Dump intoles act at (m/5)	1 1
	,	Pump intake set at (m/ft)	2 2
Method of Construction	Well Use	Pumping rate (I/min / GPM)	3 3
Cable Tool Diamond Public	Commercial 🗌 Not used		4 4
Rotary (Conventional)     Jetting     Domestic       Rotary (Reverse)     Driving     Livestock	Municipal     Dewatering     Test Hole     Monitoring	Duration of pumping hrs + min	5 5
Boring Digging Irrigation	Cooling & Air Conditioning	Final water level end of pumping (m/ft)	10 10
Air percussion     Other, specify     Other, specify	ňv		15 15
Construction Record - Casing	Status of Well	If flowing give rate (I/min / GPM)	
Inside Open Hole OR Matenal Wall De	epth ( <i>m/fi</i> )	Recommended pump depth (m/fi)	20 20
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete, Plastic, Steel) (cm/in) From	To Replacement Well		25 25
5.20 PUC 1390 0	1.87 🗖 Recharge Well	Recommended pump rate (Vmin / GPM)	30 30
	Dewatering Well	Well production (I/min / GPM)	40 40
· · · · · · · · · · · · · · · · · · ·	Monitoring Hole		50 50
	(Construction)	Disinfected?	60 60
Construction Record - Screen	Abandoned, Insufficient Supply		ell Location
Outside Material De	epth ( <i>m/ft</i> ) Abandoned, Poor	Please provide a map below following	
Carvin) (Plastic, Gaivanized, Steel) Slot No. From	To Abandoned, other, specify		
	Actneeded		
	Other, specify	(na v	nal
Water Details	Hole Diameter	Seer MW09-	19p
Water found at Depth Kind of Water: Fresh Untes	ted Depth ( <i>m/ft</i> ) Diameter	MW09-	7
( <i>m/ft</i> )	$= \begin{array}{c c} From & To & (cm/in) \\ \hline 0 & 77 & 77 \\ \hline \end{array}$		/
Water found at Depth Kind of Water: Fresh Untes	ted 0 7.3 6.03		
( <i>m/ft</i> ) Gas Other, specify Water found at Depth Kind of Water: Fresh Untes	ted		
( <i>m/ft</i> )			
Well Contractor and Well Techni			
Business Name of Well Contractor	Well Contractor's Licence No.		
Strafe drilling Useup Business Address (Street Number/Name)	Municipality	Comments:	
165 Shields Court	Markham		
Province Postal Code Business E-mail	loal lair	Well owner's Date Package Delivere	
Bus.Telephone No. (inc. area code) Name of Well Technigia	15 () 3 fra he Sør, 1. Cory in (Last Name, First Name)	information	Audit No. 7717763
9059402919 Hallada	4	delivered	
Well Technician's Licence No. Signature of Technician and/or	Contractor Date Submitted		
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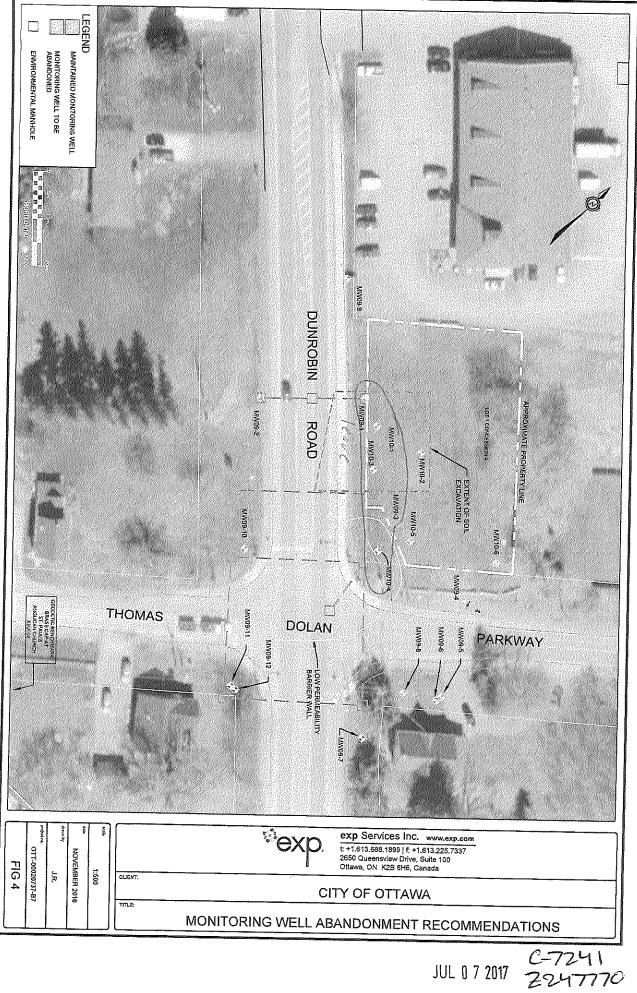
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Pon	4	of the Environment ate Change	Well Tag	No. (Place Sticker and	d/or Print Below)	Regulation	903 Ontario	Well Re	
leasuremen	ts recorded in: 🕅 Me	tric 🗌 Imperial	10	Tag				age o	
	er's Information								
irst Name		st Name / Organiza	tion Ottawa		E-mail Address			U Well Co by Well	
Aailing Addre	ess (Street Number/Name	e)	Mu	nicipality	Province	Postal Code	Teleph	one No. (inc. ar	rea code)
<u>10 Lav</u> Nell Locat	rier Ave W.	5th FLoo	<u>er 6</u>	stawn	<u> </u>	KILPLL	<u>        </u>		
	/ell Location (Street Num	ber/Name)	<b>—</b>	wnship		Lot	Conce	ession	
Dunrob Dounty/Distri	ict/Municipality	Lomas Dolo	in Parki	v/Town/Village			Province	Postal C	Code
500mg/21361	ice manopancy			ottan			Ontario		
JTM Coordina NAD   {	ates Zone Easting	$ \mathcal{O}  \mathbb{Z} S   \mathbb{Z}   \mathbb{S}$	0369	unicipal Plan and Sublo	t Number		Other		
	and Bedrock Material	s/Abandonment	Sealing Record	d (see instructions on the				Dentt	ח ( <i>m/ft</i> )
General Col	our Most Commo	on Material	Othe	r Materials	Gene	ral Description		From	To
								_	
			<u></u>						
			<u> </u>						
		Annular Space			After test of well yield,	Results of We	Il Yield Te		зсоvегу
Depth Set From		Type of Sealant Use (Material and Type)		Volume Placed (m³/ft³)	Clear and sand i		Time Wat		Water Levei (m/ft)
0	2.43 Benj	lon; fi		·	Other, specify	ed, give reason:	Static		(112)3
2.43	8.5 Gran	+ Sturry					Level 1	1	
					Pump intake set at (	m∕ft)	2	2	
					Pumping rate (I/min /	(0040)	3	3	
The second s	od of Construction		Well Us		Pomping rate (20007	Grivij	4	4	
	conventional) 🔲 Jetting	Domestic	Commer		Duration of pumping hrs +	min	5	5	
Rotary (R	leverse)   Driving  Digging	Livestock	Test Hol	e Monitoring & Air Conditioning	Final water level end		10	10	
Air percu	ssion	Industrial	cífy		If flowing give rate (l	min / GPM)	15	15	
	Construction R			Status of Well			20	20	
Inside Diameter	Open Hole OR Material (Gaivanized, Fibreglass,	Thickness	Depth ( <i>m/ft)</i>	Water Supply	Recommended pur	ip depth (m/ft)	25	25	
(cm/in)	Concrete, Plastic, Steel)	(cm/in) Fro		Test Hole     Recharge Well	Recommended pur	np rate	30	30	
5.20	PVC	.390 0	1.82	Dewatering Well			40	40	
				Observation and/or Monitoring Hole	Well production (I/m	in / GPM)	50	50	
				Alteration (Construction)	Disinfected?		60	60	
		annual Carroom		Abandoned, Insufficient Supply		Map of W	/eli Locatio	 >n	
Outside	Construction R Material	1	Depth ( <i>m/ft</i> )	Abandoned, Poor Water Quality Abandoned, other,	Please provide a ma	p below following	g instructions	on the back.	
Diameter (cm/in)	(Plastic, Gaivanized, Steel)	Frc	im To						
				□ Other, specify					
							~0		
Water four	Water De and at Depth Kind of Wate		and the second se	Hole Diameter oth ( <i>m/ft</i> ) Diameter		See m 29-8	GF		
(n	n/ft) 🗌 Gas 🔲 Other, sp	ecify	From	To (cm/in) 8.5 6.03		29-8			
	nd at Depth Kind of Wate		ested	0.5 6.00					
Water four	nd at Depth Kind of Wate	er: Fresh Unto	ested						
(n	n/ft) Gas Other, sp	ecify or and Well Tech	nician Informa	tion					
	lame of Well Contractor	1	W	ell Contractor's Licence No.	•				
Sira Rusinger	ddress (Street Number/N	ng Ciuvp aphe).	M	unicipality	Comments:		···		
165	Shields	Cost	/	Yaitham					
Province	Postal Code	Business E-ma	1 -	atasoit.com		Package Delive	red	Ministry Us	e Only
- ,	one No. (inc. area code) N	lame of Well Techni	cian (Last Name	First Name)	package			dit No. <u>Z</u> 2 Д	7762
905 Well Techni	9 4 0 7 9 1 9 cian's Licence No. Signatur		/or Contractor D	ate Submitted	I delivered	Work Complete		JUL 0 7 2	2017
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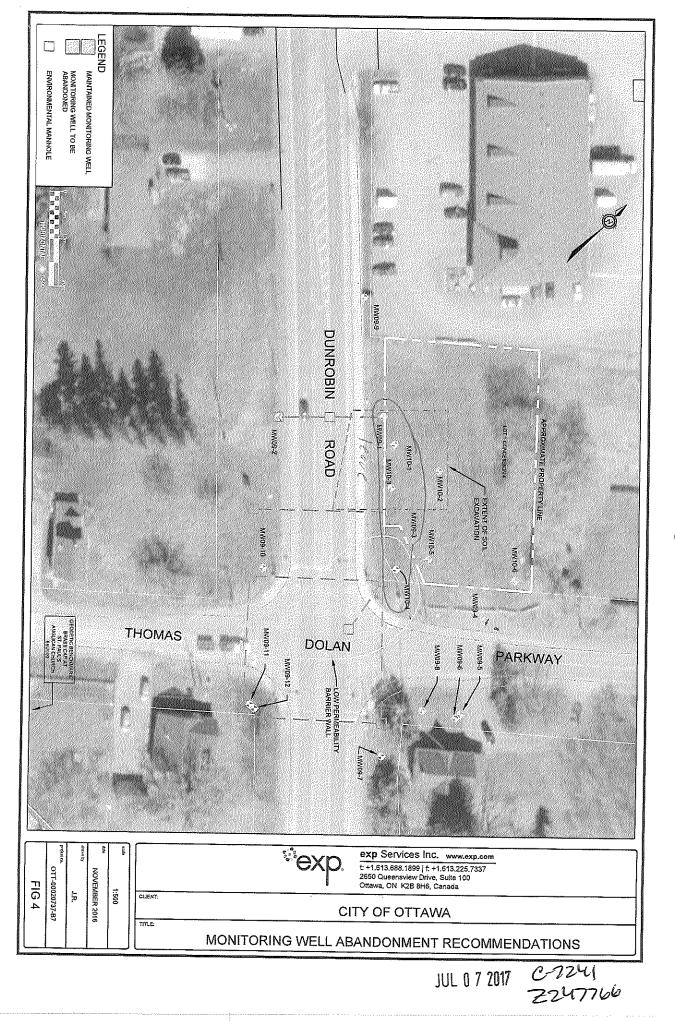
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		letrîc 🔲 Imperial	NO	Tag		regulation			of
	er's Information	ast Name / Organizatio			E-mail Address				constructed
First Name	at attac	19.					Tala ak	by Wei	il Owner
Mailing Addr	ess (Street Number/Nar Wier Avenue	W, 5th FL	00Y M	unicipality OLFAWG		Postal Code	∏ /	none No. <i>(inc. a</i>	3rea code)
Well Local	tion					⊥ <u>r - ,</u> ∐Lot	Conce	ession	
Address of V 2800	Vell Location (Street Nur DUN Fobin			ownship				Postal	
County/Distr	rict/Municipality		Ci	ity/Town/Village OHQ₩¶.			Province Ontario		
NAD		132 5 030	423	unicipal Plan and Sublot			Other		
Overburde General Co	1	als/Abandonment Se		rd (see instructions on the b er Materials		ral Description	<u></u>	Dept From	th ( <i>m/ft</i> )   To
/									
	·								
. <u> </u>			······································						
Depth Se	tat/m/ft)	Annular Space		Volume Placed	After test of well yield,	Results of We water was:	II Yield Te		ecovery
From	To	(Material and Type)		( <i>m³/ft³</i> )	Clear and sand t		Time Wate (min) (i	er Level Time m/ft) (min)	Water Level (m/ft)
<u> </u>	7.62 Bent	onite.			If pumping discontinu	ed, give reason:	Static Level		
							1	1	
					Pump intake set at (	m/ft)	2	2	
ad Lat	od of Construction		Well Us		Pumping rate (I/min /	GPM)	3	3	
Cable To	ol 🗌 Diamon		Comme	rcial 🗌 Not used	Duration of pumping		4	4	
Rotary (R		Domestic	Test Ho	le Monitoring	hrs +	min	5	5	
Boring	Digging ssion	Irrigation		& Air Conditioning	Final water level end	or pumping ( <i>mm)</i>	10	10	
Other, sp		_ Other, specify lecord - Casing		Status of Well	If flowing give rate (l	(min / GPM)	15	15	
Inside Diameter	Open Hole OR Material (Galvanized, Fibreglass,		oth ( <i>m/ft</i> )	Water Supply	Recommended pur	p depth (m/ft)	20	20	
(cm/in)	Concrete, Plastic, Šteel)	(cm/in) From	То	Replacement Well     Test Hole	Recommended pur	ip rate	25	25 30	
<u>5.2e</u>	PVC	·39a O	1.82	Recharge Well	(Vmin / GPM)		40	40	[
				Observation and/or Monitoring Hole	Well production (I/m	in / GPM)	50	50	
				Alteration     (Construction)     Abandoned,	Disinfected?		60	60	
	Construction	Record - Screen		Insufficient Supply			ell Locatio		
Outside Diameter	Material (Plastic, Galvanized, Steel	Slot No. De	pth ( <i>m/ft)</i>	Water Quality Abandoned, other,	Please provide a ma	p below following	instructions (	on the back.	
(cm/īn)		From	То	specify notneeded.					
				Other, specify		(		0	
	Water D	i		l		see	MG	P	
	d at Depth Kind of Wat		ed Dep From	oth ( <i>m/ft</i> ) Diameter To ( <i>cm/in</i> )		See MW o	Ci (	<b>^</b>	
	n/ft) ☐Gas ☐Other, sp nd at Depth Kind of Wat		ed O	7.62 6.03		140	7-00	1	
	n/ft) □Gas □Other, sp nd at Depth Kind of Wat								
	n/ft) ☐Gas ☐Other, si								
Business N	ame of Well Contractor	tor and Well Technic		ntion ell Contractor's Licence No.					
Strat	ddress (Strept Number/N	SPUP		7 2 4 1 unicipality	Comments:				
Business A	ddress (Street Number/N	iane)	-	nicipality	Commenta.				
Province	Postal Code	Business E-mail A	Address	rataso, 1.ca	Well owner's Date	Package Deliver	ed 🚺	Ministry Us	e Only
Bus.Teleph		Vame of Well Technicia	n (Last Name	, First Name)	information		Auc	dit No. Z24	7770
Yell Technik	9 4 0 79 1 9 cian's Licence No. Signatu	re of Technician and/or	Contractor D:	ate Submitted	Date	Work Completed		JUL 0 7	2017
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Por	Ministry on And Clima	d/or Print Below) Well Record Regulation 903 Ontario Water Resources Act								
Measureme	nts recorded in: 🕅 Me	tric 🗌 Im	perial	<u>No</u>	Tag			Page	(	of
Well Own	er's Information								na Manganga M	
First Name	La	st Name / Or	ganization	inte	enda	E-mail Address		0	Well Co	onstructed Owner
Mailing Addi	ress (Street Number/Name	<u>Cit</u>			ewg	Province	Postal Code	Telephone		
	ress (Street Number/Name AVEILU	o $1$	5th	H ocr	unicipality Offaula	ON				
Vell Loca	will Trenu	<u>e vv</u>						JII		
- 0.00.00.000.000.000.000	Nell Location (Street Num	ber/Name)		To	wnship		Lot	Concessio	'n	<u>la de la completa de la comp</u>
Juniab		Thomas	Dola							
	rict/Municipality			Ci	ty/Town/Village			Province	Postal (	Code
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	nates Zone Easting		thing		unicipal Plan and Subic	t Number		Other		
NAD		5750								
Overburde	n and Bedrock Materia		ment Seal						Dept	h ( <i>m/ft</i> )
General Co	Nour Most Commo	on Material		Othe	r Materials	Gen	eral Description		From	
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		_								
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				·						
		Annular	Snace	Ngalananga ang			Results of W	ell Yield Testin	<b>j</b>	
Depth Se	st at ( <i>m/ft</i> )	Type of Seal	and the second		Volume Placed	After test of well yield	l, water was:	Draw Down		ecovery
From		(Material and			(m³/ft³)	Clear and sand	free	Time Water Lev (min) (m/ft)		Water Level (m/ft)
Ò	2.43 Ben	lani H	,			Other, specify		( <i>min</i> ) ( <i>m/ti</i> ) Static	(min)	(1101)
	······································					If pumping discontinu	ued, give reason:	Level		
2.43	1 Grad	+ <u>SI</u>	rry		······			1	1	
			/			Pump intake set at	(m/ft)	2	2	
· · · · · · · · · · · · · · · · · · ·							. ,	2		<u></u>
		terrer extendeditions				Pumping rate (I/min	/ GPM)	3	3	
	nod of Construction		1999/1197/1197/1997/1997 17 -	Well Us				4	4	
Cable To	col Diamond Conventional) Utting			Commer     Menicipa		Duration of pumpin	-	1		
Rotary (F				Test Hol		hrs +	_min	5	5	
Boring	🛄 Digging			Cooling	& Air Conditioning	Final water level end	l of pumping (m/h	10	10	
Air percu		Indi Oth	ustrial er, specify			If flowing give rate (		15	15	
	Construction Re			a a a a a a a a a a a a a a a a a a a	Status of Well	I in nowing give rate (	(min / Grw)			
Inside	Open Hole OR Material	Wall		v ( <i>m/ft</i> )	Water Supply	Recommended pur	mp depth (m/ft)	20	20	
Diameter	(Galvanized, Fibreglass,	Thickness	From	To	Replacement Well			25	25	
(cm/in)	Concrete, Plastic, Steel)	(cm/in)			Test Hole	Recommended pur	mp rate	30	30	<u> </u>
5.zo	PVC	.390	0	1.82	Recharge Well	(I/min / GPM)		30		
					Observation and/or	Well production (I/n	nin / GPM)	- 40	40	
					Monitoring Hole			50	50	
					Alteration (Construction)	Disinfected?				
					Abandoned,	Yes No		60	60	
8/00/00/00/	Construction Re	ecord - Scre	en		Abandoned, Poor			Vell Location		
Outside	Material	Olatible	Depti	n ( <i>m/ft</i> )	Water Quality	Please provide a ma	ap below followin	g instructions on th	e back.	
Diameter (cm/in)	(Plastic, Galvanized, Steel)	Slot No.	From	To	Abandoned, other,					
			ù		NOT NEEDED	5		0		
					Other, specify	l see	r Ma	P		
						DAL	09-10			
	Water Def	ails		and the second se	lole Diameter		09-10			
Water four	nd at Depth Kind of Wate	r: 🗌 Fresh [	Untested	Dep From	th ( <i>m/ft</i> ) Diameter To ( <i>cm/in</i> )					
	n/ft) 🔲 Gas 🔲 Other, spe			~		-				
	nd at Depth Kind of Wate		Untested	<u> </u>	7 6.03	-				
(n	n/ft) Gas Other, spe	ecify		_						
	nd at Depth Kind of Wate									
(n	n/ft) 🔲 Gas 🗌 Other, spe									
Duoisasa b	Well Contracto	or and Well	lechnicia	w/	tion ell Contractor's Licence No.					
					711411					
STron Business	Address (Street Number/Ma	<u> </u>	111	M	unicipality	Comments:				
16.	Shields L	burt			Jorkham					
<u>Province</u>	Postal Code	Business	E-mail Ado		<u></u>					
Pa	V 1308W	2 1.15	or well	10 Str	ata So, 1. Con		e Package Delive	11300000000000000000000000000000000000	nistry Us	the second s
Bus.Teleph	none No. (inc. area code) Na	ame of Well	Fechnician (	Last Name,	First Name)	package	y   y   y   18   18	DDD	- z24	7766
1905	9407919	Dolla	dav	Phil		delivered Date	e Work Complete		1 1 7 1	n17
Well Techni	ician's Licence No. Signature	Technicia	an and/or C	ontractor Da	te Submitted		سرا مرا <u>بدا مرا</u>		L 0 7 21	J H
	324	<u> </u>	$\square$		PV70M29		6 1 7 4 5			or Opticial 2001
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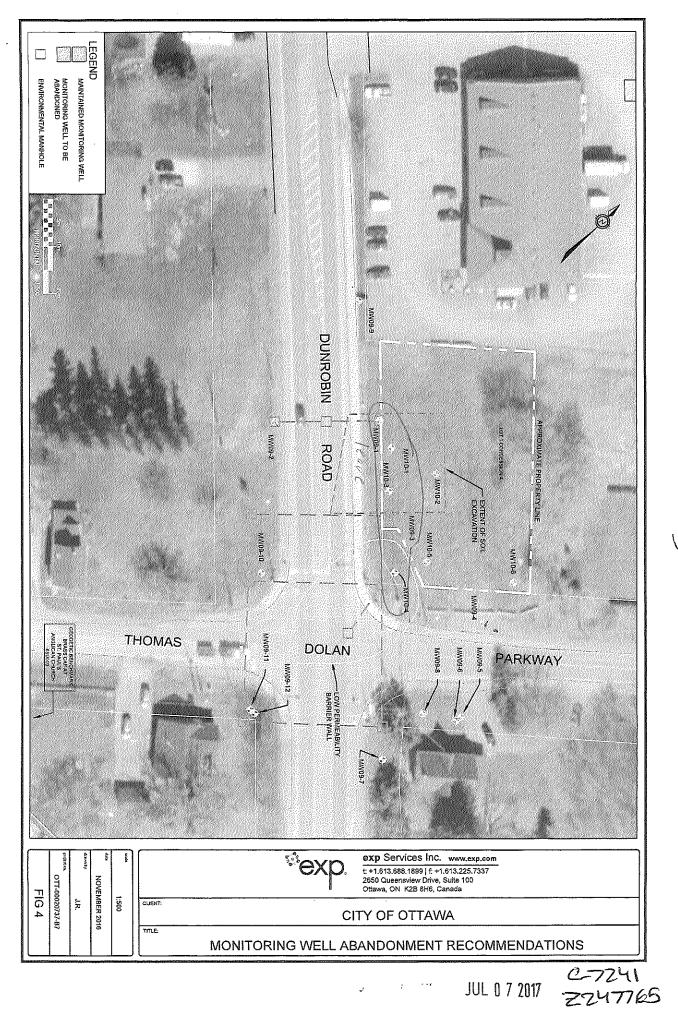


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<b>N</b>									5	- 2. O Le	. 0 4	o Mate
120		of the Env		Well Ta	g No. (Plac	e Sticker ar	nd/or Print Below)			We	911 F	lecord
	2	mate Chang		<b>*</b> 1	To	~		Regulation	1 903 C	Ontario Wat	er Res	ources Act
×`	ents recorded in: 121		Imperial		0 19	<u>S</u>	***********			Page_		_ of
First Name	1 **	.ast Name /	Organizatio	n . (			E-mail Address				Well (	Constructed
Mailing Ad	dress (Street Number/Nar	City	<u></u>	"ofto	W G Municipality		Dravinas				by We	ell Owner
10 Lai	arier Avenue	W. 5	th FLO	or	ntte	awa	Province ON	Postal Code		Telephone N	10. (Inc. 	area code)
Well Loc	ation											
Dun Ca	Well Location (Street Nur bin RD H				Township QCHWay			Lot		Concession		
County/Dis	strict/Municipality	11101		(	City/Town/Vill	age			Provin		Posta	Code
UTM Coord	inates Zone Easting	, N	orthing	-	Municipal Pla	n and Sublo	ot Number		Ont: Other			
	831 54201	775	030	346	i							
Overburd General C	en and Bedrock Materi	als/Abando non Material			ord <i>(see instru</i> ner Materials			al Description			Dec	oth ( <i>m/ft</i> )
	Most Com	nosi materia	·	Uu	Ter Materials		Genera				From	To
							· · · · · · · · · · · · · · · · · · ·					
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				A11								
Depth Sc	et at ( <i>m/fi</i> )	Annular					R After test of well vield, w	esults of Wo	1			
From	То	Type of Sea (Material an			Volume (m³)	. 1	Clear and sand fre		Time	aw Down Water Level	<del></del>	ecovery Water Level
_0	2.43 Ben	fonit	4		A WALK II.		Other, specify		(min) Static	(m/ft)	(min)	(m/ft)
2.43	7 Gier	+ 310	ury				If pumping discontinued	, give reason:	Level		<u> </u>	
	-		/				Pump intake set at (m	(ft)	1		1	
						-,			2		2	
	od of Construction			Well Us	ie in the second se		Pumping rate (I/min / G	PM)	3		3	
Cable To	ool Diamond Conventional) Jetting		blic mestic	Comme		Not used Dewatering	Duration of pumping		4		4	
Rotary (F			estock	Test Ho	ie 🛃	Monitoring	hrs + mi		5		5	
Air percu	ssion		- ustrial		& Air Conditio	ning	Final water level end of	pumping ( <i>m/n</i> )	10		10	
Other, sp	Construction Re		ter, specify _		Status		If flowing give rate (I/mi	n / GPM)	15		15	
Inside	Open Hole OR Material	Wall	1	1 ( <i>m/it</i> )	Water S		Recommended pump	depth <i>(m/ft)</i>	20		20	
Diameter (cm/in)	(Galvanized, Fibreglass, Concrete, Plastic, Steel)	Thickness (cm/in)	From	То	Replace				25		25	
5.20-	PVC	,390	0	1.82	Recharg	je Well	Recommended pump (I/min / GPM)	rate	30		30	
					- Døwater	tion and/or	Well production (Vmin /	GPM)	40		40	
					Monitorir		Disinfected?	,	50		50	
			1		- (Constru D Abandor	ned,	Yes No		60		60	
	Construction Re	ecord - Scre	en		🗌 🗌 Abandor			Map of W				
Outside Diameter <i>(cm/in</i> )	Material (Plastic, Galvanized, Steel)	Slot No.	Depth From	( <i>m/ft)</i> To	Water Q Abandor		Please provide a map b	elow following	instructi	ons on the ba	ick.	
(0/17/1)					specify Not ne	eded	_					
					- 🗌 Other, sj	oecify	Se	e r	qP	•		
	Water Det	aile			lole Diamete		mi	C M 109-1	)			
	d at Depth Kind of Water	: 🗌 Fresh [	Untested	Dept	th ( <i>m/ft</i> )	Diameter		01-1	1			
	/ft) Gas Other, spender d at Depth Kind of Water			From	то 1	(cm/in) 6.03						
	/ft) Gas Other, spe		jontested		/	6.00						
	d at Depth Kind of Water		Untested									
(m	/ft) Gas Other, spec		Technicia	Informat								
<b>.</b> .	ame of Well Contractor		<u>.</u>		Il Contractor's L	licence No.						
Stra Jusiness Ac	n <i>Fa Or - III.</i> Idress (Street Number/Nar	$n_{q}$	rap	Mir	nicipality	41	Comments:					
	Ski elds	1	-		Toriche	24						
rovince	Postal Code	Business	E-mail Add	ress						· · · · · · · · · · · · · · · · · · ·		
Jus.Telepho	ne No. (inc. area code) Nai		echnician (L	( <i>SFra</i> .ast Name. I	First Name)	6 417	information	kage Delivered	È	Ministi Audit No. 🍞	y Use ⊖_// `	Only 770 F
9059	407919	4a/10	das	thi!			delivered Date Wo	Y M M I		JUL 0	ረ 4 7 <b>ን</b> በኅ	100
Vell Technicia J &	an's Licence No. Signature	of Technicia	n and/or Co	· ·	e Submitted	5/26	⊥ Yes	7 9 51 2			• • • • •	•
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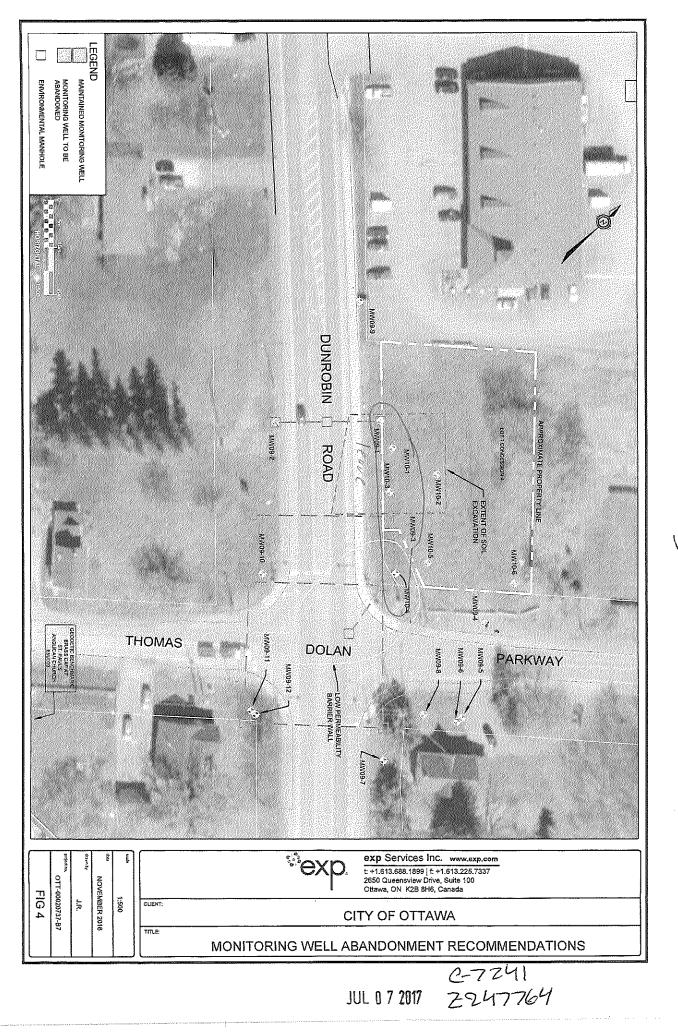
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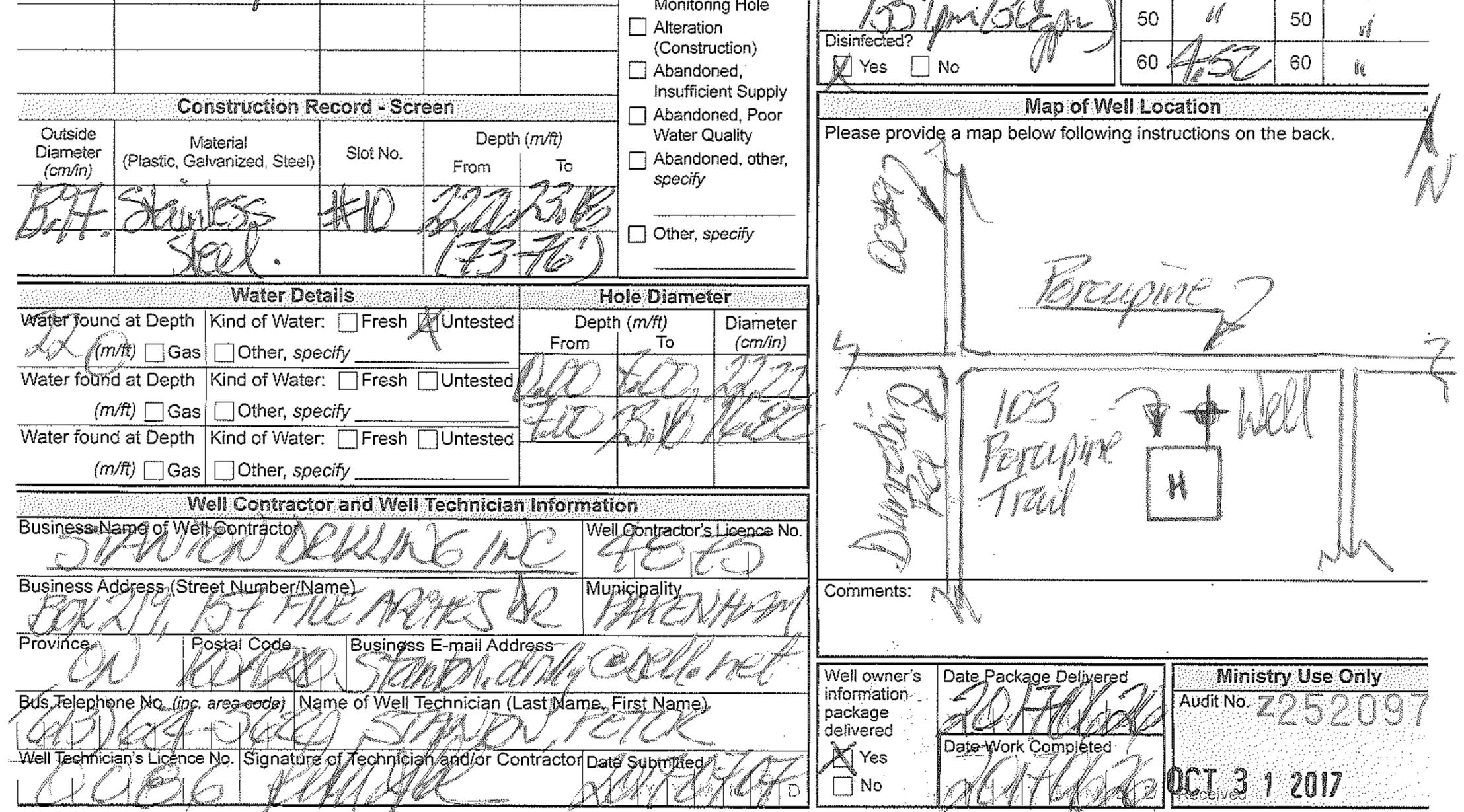
Ministry of the and Climate		Tag No. (Place Sticker and	d/or Print Below)	13.807			Record
Measurements recorded in: X Metric	: 🗌 Imperîal	No Tag				Page	of
Well Owner's Information	Name / Organization	-	E-mail Address		<u></u>	Wei	Constructed
C	ity of of	fara	Province	Postal Code	Tel	by V ephone No. (in	Vell Owner
Mailing Address (Street Number/Name)	W. 5th Floo	Municipality OttaWa	ON	KIPI	JI		
Well Location		Township		Lot		ncession	
Address of Well Location (Street Number Dun Cobin RD V Th	omas Dolan	Padinay					
County/District/Municipality		City/Town/Village			Province Ontar	1	tal Code
UTM Coordinates Zone Easting NAD 8 3 1 4 9 201 7	7 50 30 34	Municipal Plan and Sublo	t Number		Other	<u></u>	
Overburden and Bedrock Materials/	Abandonment Sealing	Record (see instructions on the					epth ( <i>m/ft</i> )
General Colour Most Common	Material	Other Materials	Gene	eral Description	l	From	
······							
	Annular Space			Results of W	ell Yield	Testing	
Depth Set at ( <i>m/ft</i> ) Ty	pe of Sealant Used aterial and Type)	Volume Placed (m³/ft³)	After test of well yield	l, water was:	Drav	v Down Vater Level Tim	Recovery Water Level
O 2.43 Bento	-		Other, specify_		(min)	(m/ft) (mi	1
2.43 10.05 Bro /			If pumping discontinu	ued, give reason:	Level		
			Pump intake set at	(m/ft)	2	1	
					- 3		
Method of Construction		ell Use	Pumping rate (I/min	/ GPM)	4		
Cable Tool Diamond Rotary (Conventional) U Detting		Commercial Notused	Duration of pumping	9 min	5		5
Rotary (Reverse)     Driving     Digging		Test Hole Monitoring Cooling & Air Conditioning	Final water level end	-	-		0
Air percussion	Industrial Other, specify		If flowing give rate (	(Vmin / GPM)	15	1	5
Construction Reco		Status of Well			20	2	0
	Wall Depth ( <i>m/f</i> hickness	To Replacement Well	Recommended pur	mp depth ( <i>m/tt)</i>	25	2	5
(cm/in) Concrete, Plastic, Steel) 5,Ze PVC /		Test Hole	Recommended pur (Vmin / GPM)	mp rate	30	3	0
Jile IVC /	310 0 1.	Dewatering Well	Well production (I/n	nin / GPM)	40	4	0
		Monitoring Hole	Disinfected?		50	5	0
		(Construction)	Yes No		60	e	io
Construction Rec		Insufficient Supply	Please provide a ma		Nell Loca		
Outside Material Diameter (cm/in) (Plastic, Galvanized, Steel)	Slot No. From	To Water Quality Abandoned, other, specify					
(0.0.0)		notneedod		~			
		Other, specify		See	map		
Water Detai Water found at Depth Kind of Water:		Hole Diameter		See 1 Mwoq	51-12		
(m/ft) Gas Other, speci	fy	From To (cm/in)			• -		
Water found at Depth Kind of Water: (m/ft)  Gas  Other, specifi		0 10.05 6.03					
Water found at Depth Kind of Water:	Fresh Untested	-					
(m/ft) Gas Other, speci	fy and Well Technician In	formation					
Business Name of Well Contractor	~	Well Contractor's Licence No.	•				
Strata St. 11.5. Business Address (Street Number/Nam	e) Croup	7     2     2     2       Municipality	Comments:				
165 Shirids Co.	vel	Hortham					
Province Postal Code	Business E-mail Addres	Sfratasa. 7. con	Well owner's Date	e Package Delive			Use Only
Bus.Telephone No. (inc. area code) Nam 9059407719	ne of Well Technician (Last	t Name, First Name)			100		.41164 / 104
Well Technician's Licence No. Signature e	Technician and/or Contra	actor Date Submitted	Yes	e Work Complete	. 11	JUL 0 7	2017
<u>3</u> <u>5</u> <u>3</u> <u>2</u> <u>5</u> 0506E (2014/11)	<u>III</u>	2Ø[ℓ   7 0 4 29 Ministry's Cop		- T K 19912		Received © Queen's Pri	nter for Ontario, 2014

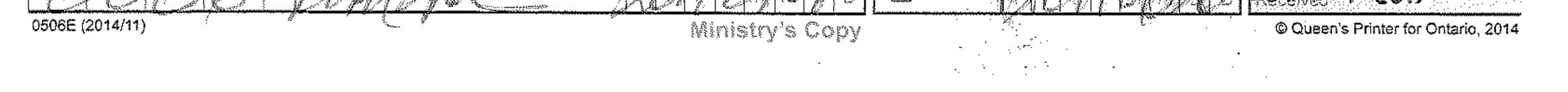


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Ministry of the Environm and Climate Change Measurements recorded in: Metric Impe	Tad#· /		Well Record 903 Ontario Water Resources Act Page of
Address of Well Location (Street Number/Name)	Township	Lot	Concession
County/District/Municipality	ETA City/Town/Village	BIN	Province Postal Code Ontario
UTM Coordinates Zone, Easting Northin NAD 8 3	30801 411-79	SUBLET (Z)	Other
Overburden and Bedrock Materials/Abandonme			Depth ( <i>m/ft</i> )
General Colour Most Common Material	Other Materials	General Description	From To
GRE CAR		<u>.</u>	<u> </u>
FRIE CLAR.	SILT		550 71/2/3
- ACCAN A CONTRACTOR AND A CONTRACTOR AN	COANT /ZAN	ACCES	
- CACLA CALVALS	SKENGL PINC	<u> </u>	
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Annular Spz	Ce	Results of Wo	ell Yield Testing
Depth Set at ( <i>m/ft</i> ) Type of Sealant	en e	Results of Well yield, water was:	ell Yield Testing Draw Down Recovery
	Used Volume Placed	After test of well yield, water was:	Draw Down         Recovery           Time         Water Level
Depth Set at ( <i>m/ft</i> ) Type of Sealant	Used Volume Placed	After test of well yield, water was: Clear and sand free Other, specify	Draw Down Recovery Time Water Level Time Water Level (min) (m/ft) (min) (m/ft) Static
Depth Set at ( <i>m/ft</i> ) Type of Sealant	Used Volume Placed	After test of well yield, water was:	Draw Down Recovery Time Water Level Time Water Level (min) (m/ft) (min) (m/ft) Static
Depth Set at ( <i>m/ft</i> ) Type of Sealant	Used Volume Placed	After test of well yield, water was: Clear and sand free Other, specify	Draw DownRecoveryTimeWater LevelTime(min)(m/ft)(min)StaticImage: Static
Depth Set at ( <i>m/ft</i> ) Type of Sealant	Used Volume Placed	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason:	Draw DownRecoveryTimeWater LevelTime(min)(m/ft)(min)StaticImage: Static
Depth Set at ( <i>m/ft</i> ) Type of Sealant	Used Volume Placed	After test of well yield, water was: Clear and sand free Other, specify	Draw DownRecoveryTimeWater LevelTime(min)(m/ft)(min)StaticImage: Static
Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) Depth Set at ( <i>m/ft</i> ) Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> ) Depth Set at ( <i>m/ft</i> ) Depth S	Used De) SCOUT SCOUT Volume Placed (m <sup>3</sup> /ft <sup>3</sup> ) SCOUT SCOU	After test of well yield, water was: Clear and sand free Other, <i>specify</i> If pumping discontinued, give reason:	Draw DownRecoveryTimeWater LevelTime(min)(m/ft)(min)Static(m/ft)Level1122233
Depth Set at ( <i>m/ft</i> ) From To ( <i>Material and Ty</i> <i>QD TO DENDUTE</i> Method of Construction	Used De) Volume Placed (m³/ft³) SOUT Volume Placed (M³/ft³) Volume Placed (M³/ft³) Volume Placed (M³/ft³) Well Use	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: WHA Pump intake set at (m/ft) Pumping rate (l/min / GFM)	Draw Down     Recovery       Time Water Level Time Water Level (min)     (m/ft)       (min)     (m/ft)       Static     (m/ft)       1     (m/ft)       2     (m/ft)       3     (m/ft)
Depth Set at (m/ft)       Type of Sealant         From       To       (Material and Ty         Output       Operation       Operation         Method       of Construction       Public	Used Volume Placed (m³/ft³) SOULT Of T. Well Use	After test of well yield, water was: Clear and sand free Other, <i>specify</i> If pumping discontinued, give reason: WHAT Pumping ate ( <i>Imin / GFM</i> ) Pumping rate ( <i>Imin / GFM</i> ) Duration of burgoing	Draw DownRecoveryTimeWater LevelTime(min)(m/ft)(min)Static(m/ft)Level1122233
Depth Set at (m/ft)       Type of Sealant (Material and Ty         From       To         OU       OU         OU       OU      <	Used Volume Placed (m³/ft³) SOULT V.Z. Well Use Well Use Commercial Not used Municipal Dewatering	After test of well yield, water was: Clear and sand free Other, <i>specify</i> If pumping discontinued, give reason: WHA Pumping ate ( <i>Imin / GPM</i> ) Pumping ate ( <i>Imin / GPM</i> ) Duration of pumping	Draw Down     Recovery       Time Water Level Time Water Level (min)     (m/ft)       (min)     (m/ft)       Static     (m/ft)       1     (m/ft)       2     (m/ft)       3     (m/ft)
Depth Set at (m/ft)       Type of Sealant (Material and Ty         From       To         ADD       ADD	Used Volume Placed (m³/ft³) SCULT V/Z. Well Use Vell Use Commercial Not used Municipal Dewatering ( Test Hole Monitoring	After test of well yield, water was: Clear and sand free Other, <i>specify</i> If pumping discontinued, give reason: WHA Pumping ate ( <i>Imin / GPM</i> ) Pumping ate ( <i>Imin / GPM</i> ) Duration of pumping	Draw Down     Recovery       Time     Water Level     Time       (min)     (m/ft)     (min)       Static     1       Level     3       2     3       4     4       5     4
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Image: Construction       Image: Construction         Image: Construction	Used Volume Placed (m³/ft³) SOULT Off- Well Use Well Use Well Use Municipal Org Municipal Org Test Hole Monitoring Cooling & Air Conditioning	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: WHA Pumping ate (Vmin / GFM) Pumping rate (Vmin / GFM) Duration of pumping Hrs + min	Draw DownRecoveryTime (min)Water Level (m/ft)Time (min)Water Level (m/ft)Static Level3113123233333444545101110
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Outer of Construction       Outer of Construction         Method of Construction       Outer of Construction         Cable Tool       Diamond         Rotary (Conventional)       Jetting         Rotary (Reverse)       Driving         Boring       Digging         Air percussion       Industria         Other, specify       Other, specify	Used Volume Placed (m³/ft³) SOUCT O/7. Well Use Well Use Commercial Not used Municipal Dewatering Test Hole Monitoring Cooling & Air Conditioning	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: WHA Pumping ate (Vmin / GFM) Pumping rate (Vmin / GFM) Duration of pumping Hrs + min	Draw Down     Recovery       Time     Water Level     Time       (min)     (m/ft)     (min)       Static     1       Level     3       2     3       4     4       5     4
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Out of Construction       Out of Construction         Method of Construction       Out of Construction         Cable Tool       Diamond         Rotary (Conventional)       Jetting         Boring       Digging         Air percussion       Industria         Other, specify       Other, specify	Used Volume Placed (m³/ft³) SCULT Volume Placed (m³/ft³) Well Use Well Use Well Use Commercial Not used Municipal Dewatering Test Hole Monitoring Cooling & Air Conditioning Status of Well	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: Pumping ate (I/min / GFM) Pumping ate (I/min / GFM) Duration of pumping  Duration of pumping  Final water leveLend of pumping (m/fi) If flowing give, rate (I/min / GPM)	Draw DownRecoveryTime (min)Water Level (m/ft)Time (min)Water Level (m/ft)Static Level3113123233333444545101110
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Out	Used Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: Pumping rate (I/min / GFM) Pumping rate (I/min / GFM) Duration of pumping  Final water level end of pumping (m/fi) If flowing give, rate (I/min / GPM) Recommanded pump depth (m/fi)	Draw DownRecoveryTime $(min)$ Water Level $(m/ft)$ Time $(min)$ Water Level $(m/ft)$ Static Level1111122233344451510110151115201202202
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Out	Used Volume Placed (m³/ft³) SCULT Volume Placed (m³/ft³) Well Use Well Use Well Use Commercial Not used Municipal Dewatering Test Hole Monitoring Cooling & Air Conditioning Status of Well	After test of well yield, water was: Clear and sand free Other, <i>specify</i>	Draw DownRecoveryTimeWater LevelTimeWater Level(min)(m/ft)(min)(m/ft)Static515132323334li45li510li1015li15
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Output       Output         Method of Construction       Output         Cable Tool       Diamond         Rotary (Conventional)       Jetting         Rotary (Reverse)       Driving         Boring       Digging         Industriat       Other, specify         Other, specify       Other, specify         Inside       Open Hole OR Material       Wall         Diameter       (Galvanized, Fibreglass, Concrete, Plastic, Steel)       Thickness (cm/in)	Used Volume Placed (m³/ft³) SOULT Well Use Well Use Commercial Municipal Cooling & Air Conditioning Cooling & Air Conditioning Depth (m/ft) To To Municipal Cooling & Air Conditioning Cooling &	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: Pumping rate (I/min / GFM) Pumping rate (I/min / GFM) Duration of pumping  Final water level end of pumping (m/fi) If flowing give, rate (I/min / GPM) Recommanded pump depth (m/fi)	Draw DownRecoveryTime $(min)$ Water Level $(m/ft)$ Time $(min)$ Water Level $(m/ft)$ Static Level1111122233344451510110151115201202202
Depth Set at (m/ft)       Type of Sealant (Material and Ty (Material and Ty         Out	Used Volume Placed (m³/ft³) SOULT Well Use Well Use Commercial Municipal Cooling & Air Conditioning Cooling & Air Conditioning Depth (m/ft) To To To Test Hole Test Hole	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason: Pumping discontinued, give reason: Pumping rate ( <i>l/min / GFM</i> ) Pumping rate ( <i>l/min / GFM</i> ) Duration of pumping  Duration of pumping  ff flowing give, rate ( <i>l/min / GPM</i> ) Recommended pump depth ( <i>m/ft</i> )  Recommended pump rate. ( <i>l/min / GPM</i> )	Draw DownRecoveryTime $(min)$ Water Level $(m/ft)$ Time $(min)$ Water Level $(m/ft)$ Static Level $3$ 1 $3$ 2 $3$ 1 $3$ $3$ 2 $3$ 2 $3$ $2$ 3 $4$ $2$ $3$ $6$ 4 $2$ $4$ $4$ 5 $4$ $5$ $5$ 10 $11$ $10$ $3$ 20 $1/$ $20$ $c$ 25 $1/$ $25$ $c$

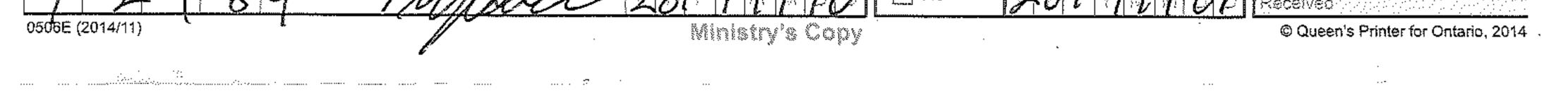
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		WIF	1 CH	/	124 01	KINTY NOI	CX/	<u>}/</u>	
			l l	VEU	- DEPTH	150'			
Depth Se From	t at ( <i>m/ft</i> ) To	Annular S Type of Seal (Material and	ant Used		Volume Placed (m³/ft³)	Results of V         After test of well yield, water was:         Clear and sand free         Other, specify	Vell Yield Test Draw Dov Time Water (min) (m	vn Ro Level Time	ecovery Water Level (m/ft)
				····		If pumping discontinued, give reason	Static Level	1	
						Pump intake set at (m/ft)	2	2	
	od of Construction			Well Use	 >	Pumping rate (I/min / GPM)	- 3	3	
Cable Too Rotary (C	onventional)		estic	Comment Municipal	I Dewatering	Duration of pumping hrs + min	- 4 5	4 5	
Boring	Digging	Irriga	ation strial		Air Conditioning	Final water level end of pumping (m/f	0 10	10	· · · · · · · · · · · · · · · · · · ·
Other, spe	Construction R	ecord - Casi			Status of Well	If flowing give rate (Vmin / GPM)	20	15 20	· · ·
Inside Diameter <i>(cm/in)</i>	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness ( <i>cm/in</i> )	Depth From	( <i>m/ft</i> ) To	Water Supply Replacement Well Test Hole	Recommended pump depth (m/ft)	25	25	
					Recharge Well     Dewatering Well	Recommended pump rate (I/min / GPM)	30 40	30 40	
			  		<ul> <li>Observation and/or</li> <li>Monitoring Hole</li> <li>Alteration</li> </ul>	Well production (I/min / GPM) Disinfected?	50	50	
					(Construction) Abandoned, Insufficient Supply	Yes No	60	60	
Outside Diameter (cm/in)	Construction Ro Material (Plastic, Galvanized, Steel)	Slot No.	en Depth From	( <i>m/ft</i> ) To	<ul> <li>Abandoned, Poor</li> <li>Water Quality</li> <li>Abandoned, other,</li> <li>specify</li> </ul>	Please provide a map below follow	Ing instructions	on the back.	<u> </u>
					Other, <i>specify</i>	wal g			` K /
	Water Det at Depth Kind of Water (ft) Gas Other, spe at Depth Kind of Water	: EFresh E	·····		Diameter ( <i>m/ft</i> ) Diameter To ( <i>cm/in</i> )	301	80		
Water found	(ft) Gas Other, spe at Depth Kind of Water: (ft) Gas Other, spe	Fresh	Untested						
A-Q Business Ad 20	Well Contractor Ime of Well Contractor (A PUM) dress (Street Number/Na (A RUH)	) me) ARNUN	UN CO 30 N	Well C C Mun 01	Contractor's Licence No. 99995 incipality MUA Canton	Comments:			
12	Postal Code AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Ban	chnician (L	ast Name)F	•	Well owner's Information package delivered Date Package MIM MIM Date Work Completed Date Work Completed No		inistry Use	7004



7318217



Ministry of the Environment and Climate Change Measurements recorded in: Metric 🔲 Imperial

Well Tag No. (Place Sticker and/or Print Below) none faind

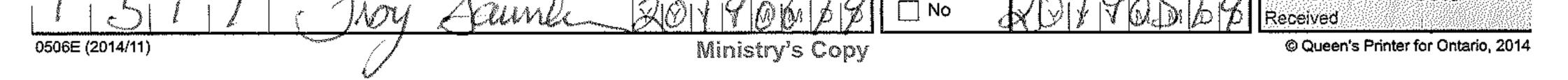


Regulation 903 Ontario Water Resources Act 5-2217-DPage\_ of

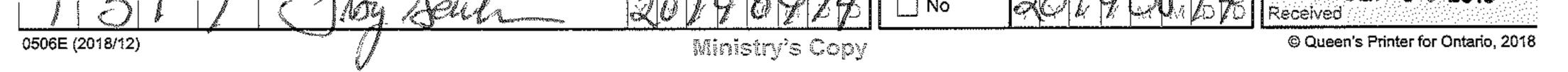
CITY OF OTTAWA

Address of Well Location (Street Number/Name)	Township	Lot	Concession
County/District/Municipality	City/Town/Village		
essary, alou ou mu noipairy	Dunrobi~		Province Postal Code Ontario KOALITO
UTM Coordinates Zone Easting NAD   8   3   8 4 2 0   5 8 50 3 0 4 3 8	Municipal Plan and Sublo	t Number	Other
Overburden and Bedrock Materials/Abandonment Sealing Rec	COrd (see instructions on the	e back of this form)	
	ther Materials	General Description	Depth ( <i>m/tt</i> )
			From To
	·		
	·		
·····		······································	
Annular Space		Results of We	ell Yield Testing
Depth Set at ( <i>m/fi</i> ) Type of Sealant Used From To ( <i>Material and Type</i> )	Volume Placed (m³/ft³)	After test of well yield, water was:	Draw Down Recovery Time Water Level Time Water Level
D 6.1 Grout skarry	picity -	Other, specify	(min) (m/ft) (min) (m/ft)
		If pumping discontinued, give reason:	Static
			1 1
·		Pump intake set at (m/ft)	2 2
			3 3
Method of Construction Well U		Pumping rate (Vmin / GPM)	
Cable Tool Diamond Dublic Comm		Duration of pumping	4 4
Rotary (Reverse)     Driving     Livestock     Test H     Boring     Digging     Digging     Digging     Coolin	ole 🗌 Monitoring	hrs + min	5 5
Air percussion	g & Air Conditioning	Final water level end of pumping (m/ft)	10 10
Other, specify Other, specify		If flowing give rate (Vmin / GPM)	15 15
Construction Record - Casing     Inside Open Hole OR Material Wall Depth (m/ft)	Status of Well		20 20
Inside Open Hole OR Material Wall Depth ( <i>m/ft</i> ) Diameter (Galvanized, Fibreglass, Thickness ( <i>cm/in</i> ) Concrete, Plastic, Steel) ( <i>cm/in</i> ) From To	Water Supply	Recommended pump depth (m/ft)	25 25
	Test Hole	Recommended pump rate	30 30
5.20 .390	- Dewatering Well	(I/min / GPM)	40 40
	Monitoring Hole	Well production (I/min / GPM)	
	Alteration (Construction)	Disinfected?	50 50
	Abandoned,	Yes No	60 60
Construction Record - Screen	Insufficient Supply		ell Location
Outside Material Depth (m/ft) Diameter (Plastic, Galvanized, Steel) Slot No. From To	Water Quality Abandoned, other,	Please provide a map below following	ng instructions on the back.
6.23 PV	specify	Dunrabin M	d .
	Other, specify		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Hole Diameter	0 0-7/1	lan hole
( <i>m/ft</i> ) Gas Other, <i>specify</i> From	To (cm/in)		
Water found at Depth Kind of Water: Fresh Untested	2 6.03	Deco Well MW09-03	
( <i>m/ft</i> ) Gas Other, <i>specify</i> Water found at Depth Kind of Water: Fresh Untested		Marken IV.	King #2900 + Raiding
( <i>m/fi</i> ) Gas Other, specify		1 r1w09-03 1	+ Kilding
Well Contractor and Well Technician Informa		1 12	>` L
Business Name of Well Contractor Structs Drilling Group	Vell Contractor's Licence No.	1	
Business Address (Street Number/Name)	L A Y	Comments:	
105 shields ont 1	Markham		
Province Postal Code Business E-mail Address	- the could error	Woll owner's Date Date Date	
UN LIBIR BVR WARCONS OSM Bus. Telephone No. (inc. area code) Name of Well Technician (Last Name	First Name)	Well owner's Date Package Delivere	
19101519141012191 11 Beatty Brian		package     Y     Y     M       delivered     Date Work Completed	
Well Technician's Licence No. Signature of Technician and/or Contractor D		Yes on the	AUG 3 1 2018
0506E (2014/11)	<u>AOI / 80 6 0 8</u> Ministry's Copy	DNO 201806	Received     Received     Queen's Printer for Ontario, 2014
	ишьну з сору		Sectors Finterior Untano, 2014

CF Ontario and	stry of the Environment Well Climate Change	Tag No. (Place Sticker an A252403	-	Regulation	<b>903 Олtario Wa</b> Page	ter Res	ecord
		Tourschip					
Address of Well Location (Street N <u>2839 AUU</u> County/District/Municipality	RORIN RA	City/Town/Village		Lot	Province	n Postal	Code
UTM Coordinates Zone, Easting	, Northing	City/Town/Village	UROBIN t Number		Ontario Other		
General Colour Most Co BROWN	Image: Property of the second seco	×r ·	Gene DE F7N	ral Description		Dep From 232 38	th (m/ft) 1235 38 505
	Annular Space Type of Sealant Used (Material and Type)	Volume Placed 3 (m³/ft³) Vd IT 512	After test of well yield, Clear and sand f Other, specify If pumping discontinue Pump intake set at (m)	water was: ree EARING d, give reason:	Il Yield Testing Draw Down Time Water Lev (min) $(m/ft)StaticLevel \sqrt{5} = \sqrt{5}1 \sqrt{9} = \sqrt{5}$	el Time (min)	ecovery Water Level (m/ft)
Method of Constructio   Cable Tool   Cable Tool   Cable Tool   Rotary (Conventional)   Jettin   Rotary (Reverse)   Drivit   Boring   Digg   Air percussion   Other, specify   Construction	nond Public Com ng X Domestic Mun ng Livestock Test		Pumping rate (1/min / G	inin f pumping (m/ft)	2 20.50 3 20.70 4 20.70 5 20.80 10 20.81 15 20.81 20 20.81	) 3 5 4 5 10 3 15	16.00 15.85 15.85 15.85 15.85 15.85
Inside Diameter (cm/in) Open Hole OR Materi (Galvanized, Fibreglas Concrete, Plastic, Stee 55 STEEL 55 STEEL	s, Thickness	Dewatering Well     Dewatering Well     Observation and/or     Monitoring Hole     Alteration     (Construction)     Abandoned,     Insufficient Supply	Recommended pump 40 Recommended pump ( <i>Vmin / GPM</i> ) / C Well production ( <i>Vmin /</i> Disinfected? Yes 🗌 No	rate ) / GPM)	25 20,8 30 20.8 40 20.8 50 20.8 60 20.8	2 25 3 30 2 40 0 50	15.85 15.85 15.85 15.85 15.85 15.85
Outside Diameter (cm/in) (Plastic, Galvanized, St $5\frac{2}{5}$ (STAINLES)	eel) Slot No. Depth (m/ft) From To	Abandoned, Poor Water Quality	Please provide a ma			the back	· AN
Water found at Depth       Kind of W         Water found at Depth       Gas       Other,         Water found at Depth       Kind of W         (m/ft)       Gas       Other,         Water found at Depth       Kind of W         (m/ft)       Gas       Other,         Water found at Depth       Kind of W         (m/ft)       Gas       Other,         Water found at Depth       Kind of W         (m/ft)       Gas       Other,         Well Contractor       Well Contractor	specify From   ater: Fresh   Untested Specify   ater: Fresh   Untested Specify	392 10" 2502 6"	INDUCE         NANDATATA				JUNRORM D
Business Address (Street Number         1010       SCHEE         Province       Postal Code         000       K011         Bus. Telephone No. (inc. area code)         01       S0456140	i dr	TROY	information package delivered	Package Delivere	$\mathbb{B}^{\mathbb{B}}$ Audit No.	istry Usi Z29 V 181	2787



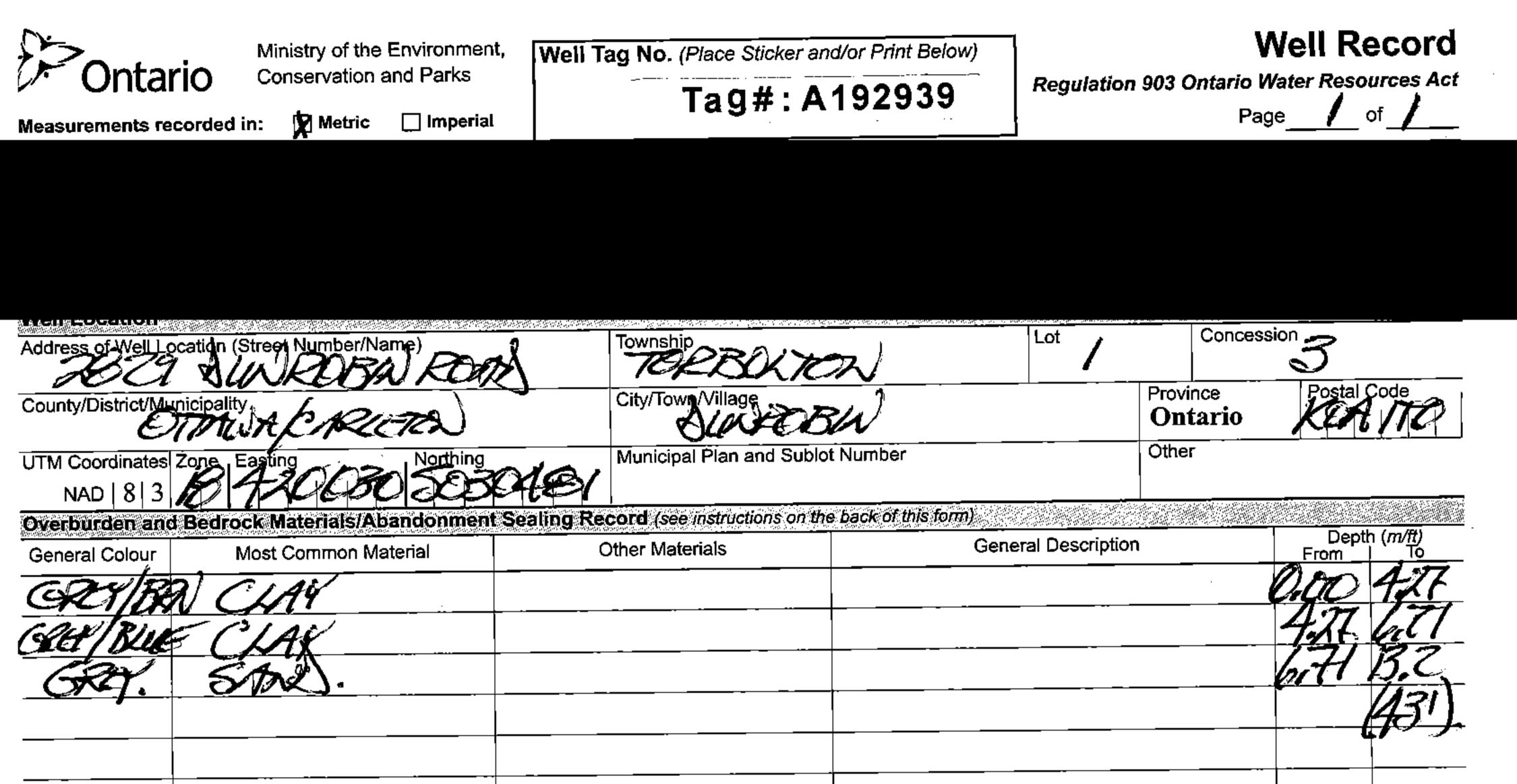
Contario Measurements recorded	Ministry of the Environme Conservation and Parks in:  Metric  Metric	A	d/or Print Below)	Regulation	Well Record 903 Ontario Water Resources Act Pageof	
Address of Well Location (S	Street Number/Name)	RA <sup>Tr</sup>	ownship		Lot	Concession
County/District/Municipality		C	ity/Town/Village	N)		Province Postal Code Ontario
UTM Coordinates Zone . E	Easting Northing	NSJU	Iunicipal Plan and Sublo			Other
Overburden and Bedro	ck Materials/Abandonme	nt Sealing Reco				Depth ( <i>m/ft</i> )
General Colour N BROWN (	Aost Common Material	I AYPRS	er Materials S のF SANC		ral Description	From To O 20
GREY	SAND	LAYER	SOFFICE			20 51
				· · · · · · · · · · · · · · · · · · · ·		
				<b></b>		
	Annular Space	е Э			<u> </u>	ell Yield Testing
Depth Set at ( <i>m/ft</i> ) From To	Type of Sealant L (Material and Typ	e)	Volume Placed/ S (m³/ft⁰)√/cl	After test of well yield,	free	Draw Down         Recovery           Time         Water Level         Time         Water Level
0 43 &	SENTONITE	GROUT	»5/2	Other, specify L	· · · · · · · · · · · · · · · · · · ·	Ctatio A
						1 1 2 55 1 2 6 50
				Pump intake set at (m	√ft) ∑	2 20,10 2 24,30
Method of Const	ruction	Well Us	e	Pumping rate (1/min / 0	Ś <u>PM</u> )	321.45 322.50
	Diamond Public	Commer		Duration of pumping		$\frac{4}{5}\frac{22.40}{5}\frac{4}{10}\frac{21.0}{5}$
<b>• •</b> • • -	Driving Livestock		e  Monitoring & Air Conditioning	Final water level end of	min of pumping <i>(m/ft</i>	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Air percussion     Other, <i>specify</i>	Industrial			ろの If flowing give rate (//m	<u>o 80</u> in / GPM)	15 26.60 15 / 6.50
Inside Open Hole OF	ruction Record - Casing	Depth ( <i>m/ft</i> )	Status of Well	Recommended pump		20 27.80 20 16.50
Diameter (Galvanized, F (cm/in) Concrete, Plas	ibreglass, Thickness		Replacement Well	4	5	25 28.91 25 16.50
64 STE	EL .188 5t	-3 45	Recharge Well     Dewatering Well	Recommended púmp (I/min / GPM)	o rate	30 29.30 30 16.50
57 STEE	EL 188 42	3 47	Observation and/or     Monitoring Hole	Wellproduction	EXCEE	40 29,30 40 16.50
			<ul> <li>Alteration</li> <li>(Construction)</li> </ul>	Disinfected?		50 29.30 50 16.50 60 29.30 60 16.50
Const	ruction Record - Screen		<ul> <li>Abandoned,</li> <li>Insufficient Supply</li> <li>Abandoned, Poor</li> </ul>	Yes 🗌 No	Map of M	Vell Location
Outside Materi Diameter (Plastic, Galvan	SIOT NO.	Depth ( <i>m/ft)</i> rom To	Water Quality	Please provide a ma	p below follow	ing instructions on the back.
(cm/in) (Trasuc, Garvan		7 51	specify			
			Other, <i>specify</i>		- <del></del>	
	Water Details		th ( <i>m/ft</i> ) Diameter			
( <i>m/ft</i> )	Other, specify	From	42 $15$			× ĮŢ
Water found at Depth Kin ( <i>m/ft</i> ) Gas	nd of Water:	tested 0	$\begin{array}{c c} 1 \\ \hline 1 \\ \hline 5 \\ \hline 1 \\ 1 \\$	2		
Water found at Depth Kin ( <i>m/ft</i> ) Gas	nd of Water: Fresh Un Other. specify					
Well	Contractor and Well Tech	MAL			. ،	
Business Name of Well Co SAUNDERS	S WELL DRILL	NG -	Contractor's Licence No.			
Business Address (Street I	Number/Name) EL /NR	Mu	RAESIEE	Comments:		
Province Posta	al Code Business E-m	ail Address		Well owner's Date f	Package Deliver	red Ministry Use Only
the second s	a code) Name of Well Techni U D SA(M)///CC	ician (Last Name,	First Name)	information	1/908	A 1 Califa R 1 and more than 100 to 100 t
Well Technician's Licence No.	. Signature of Technician and	l/or Contractor Da	te Submitted	Tes Date V	Work Completed	



	Ministry Consen ecorded in:	of the Environment ation and Parks Metric ПImperia		ng No. (Place Sticker ar Tag #: A1		Regulation	-	Vell Record
Well Owner's	<i>/ \</i>	F					e	
First Name	en en angelegen en e	ast Name / Organiz		es) CHUR	E-mail Address	en e		Well Constructed
Mailing Address /	Street Number/Nam	ST PAULS	ANE	Municipality	Y · Province /	Postal Code	Telephone	by Well Owner
INALING Address (	5. WAN.	PROF		JUNROBIN	ON	KOA1	10 (413)	582-447
Well Location				-		11 - 1		
Address of Well Lo	ocation (Street Num	iber/Name)	7F	Township	Third)	Lot	Concessi	
County/District/Mu		· · · · · · · · · · · · · · · · · · ·		City/Town/Village			Province	Postal Code
	OTTAUN	N I - dh'a a		Municipal Plan and Sublo	1 Number		Ontario Other	KUNTO
UTM Coordinates NAD   8   3	Zone Easting	NOG DOS	807,90		a Number		Other	
	Bedrock Materi	als/Abandonmen	t Sealing Rec	ord (see instructions on th				
General Colour	Most Comr	non Material	0	ther Materials	Gen	eral Description		Depth ( <i>m/ft</i> ) From To
BROIX	57100							UDELO
GREY	5AUS							<u>620 11.90</u>
								(39)
					· · · · · · · · · · · · · · · · · · ·			
		Annular Spac	and a second sec				ell Yield Testin	g Recovery
Depth Set at (m From To	n/ft) o	Type of Sealant U (Material and Type		Volume Placed (m³/ft³)	After test of well yield			vel Time Water Level
DDO 60	O BENT	WTE H	VERUC	OA	Other, specify		(min) (m/ft) Static	(min) (m/ft)
		CRAIT	-		If pumping discontinu	ied, give reason:	Level 200	2
					414		$\frac{1}{6}$	1 5.67
					Pump intake set at (n	1100	2 6.0	25.68
	f Comptonettication		Well L		Pumping rate (Vmin /	* *	3 6.30	) 3567
Cable Tool	f Construction	I 🗌 Public			491pm	<u>(10</u> 270m)	4 6.3C	1 45,66
Rotary (Convent		Domestic	☐ Munici ☐ Test H	*	Duration of pumping hrs +	min	5 03	55.65
Boring	Digging	Irrigation	Coolin	g & Air Conditioning	Final water level end		10 10.21	0 10 5.61
Air percussion Other, specify		_ Industrial	city Church	litall	600 M		15 631	
Marantarakan	Construction R	ecord - Casing	nagaenea an Al	Status of Well			20 / 75	$5 20 \mu$
	n Hole OR Material vanized, Fibreglass,	Wali Thickness	Depth ( <i>m/ft</i> )	Water Supply	Recommended pump	p depth (m/ft)	- 000	
	crete, Plastic, Steel)	(cm/in) Fro	m To	Test Hole	Recommended pum	<u>(33').</u>	25 605	25
BBE A	589	OAB HO,	70/0,6	Recharge Well	(1/min / B)/Au	/1020m)	30 605	30 <i>U</i>
				Observation and/or	Well production (I/mi/	GOMP J	40 6,3	40 <i>U</i>
				Monitoring Hole	+40/pm/7	+ZOYAN	50 63	1 50 4
				(Construction)	Disinfected? Yes No	10	60 6,3	1. 60 5.61
Nastana anti-tana	Construction R	ecord - Screen		Insufficient Supply		Map of W	ell Location	
Outside Diameter (Diameter	Material	F	Depth ( <i>m/ft</i> )	Water Quality	Please provide a m	ap below followi	ng instructions o	n the back.
(Cm/in) (Plast	tic, Galvanized, Steel)	Slot No. Fro	m To	Abandoned, other,			•5**	IN. M
13.4757	AINLESS	7710 100	60 11.40	Other, specify				NOS/1
2	TEL		95B9)		elas to	i = 0i/	Δ.	N'& EN
	Water De			Hole Diameter	JACOME 1	KEN MEY	4~	N S N
11 1 1	-	r: 🗌 Fresh 🗍 🕺 Inte	ested De From	pth ( <i>m/ft)</i> Diameter To ( <i>cm/in</i> )		l'I	v J	1310
a second the second sec	Gas Other, spe epth Kind of Wate	• • • • • • • • •		Valo DEL			Ý.	$H \xrightarrow{\times} \xrightarrow{\times}$
(m/ft) 🗌	Gas Other, spe	ecify			i i	iNn		
		r: Fresh Unte	ested			WAC	l- LI	And a second
<u>(</u> <i>m/π</i> )	Gas Other, species	or and Well Tech		ation			<u>95 9 a</u> u	
Business Name o		111-112-		Vell Contractor's Licence No.			Eury.	
STITU	<u>ION OK</u>	WARE .	we	4810				
Business Address	Street Number/N	ame) SNP. IPM	V219	Nunicipality	Comments:			W.
Province	Postal Code	Business E-ma	and I am	hall I			<u> </u>	
$\underline{ON}$	KOAZI	0 steenta	n <i>Anlli</i> y	eallinet	Weil owner's Date	Package Deliver		histry Use Only
Bus.Telephone No		ame of Well Technic	cian (Last Nám)	e, First Name)	package delivered	VMU9		<b>7</b> 322867
Well Technician's Li	i alline f. housements of	e of Technielap and	·····	State of the second sec	TYes Date	Work Completed	at	OCT 2 8 2019
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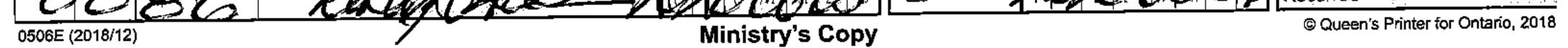
<b>D</b>	) 2				T-	ıg#:A274	1306	-					
	ntario		of the Enviro ation and Pa		₩ 19	-		Print Below)	Regulation	903 Oi		÷	ecord
Measureme	ents record	ied in: 🗌 M	letric Mr	perial	l	A274306		<u>_</u>	Kegulauon		Page		of
Well Own	ner's Info	205-090-0920-705-0405-040-1275						E-mail Address					
First Name			ast Name / Or LA	Group	כ							by We	onstructed
		Number/Nam			N	Aunicipality Kemptyi	lle	Province ON	Postal Code		Telephone	No. (inc. a	area code)
Well Loca	ition	272222		1463	0000					888			
		on (Street Num obin Roa			T	ownship West Cari	leton		Lot 9	1	Concessio	חי	
County/Dist						City/Town/Village				Provin Onta		Postal	Code
UTM Coord		Easting		thing		Aunicipal Plan and		Number		Other			<u>,                                    </u>
NAD Overburde		18   4199 Brock Materia		50305 ment Sea		ord (see instruction	s on the	back of this form)					
General Co	chowers, waaren servas	Most Comm	una han			ner Materials			neral Description			From	h ( <i>m/ter)</i>
Blue			Clay									0° 437	43'
Grou			Sand	tana								43	113
Grey Grey			Limes									113	121
				_				···					
	¥6 #	0-E	RIC (	She	NTt	ter -	Pc	34	62*				
	and the second	and the second	Annular		21.2.2				Results of W	ell Viel			
Depth Se From	et at ( <i>m/ft)</i>		Type of Seal	ant Used		Volume Plac	ed	After test of well yiel	d, water was:	2 Percenta da Mañor esta Prise es	aw Down	Re	ecovery Water Level
801	70 /	Neat c	(Material <u>and</u> æment	туре)		10.9		Clear and sand Other, specify	Not teste	min)	(m/ft)	(min)	(m/ft)
70 /	01	Bentor	nite slurry			21		If pumping discontin	ued, give reason:	Lever	82	A	98.5 <sup>6</sup> 80
			-					Pump intake set at (			29		73.1
								100	~	2	43	2 .63	66.2
Revenus rendered and and and	RAPAGE ENGEDADESED VERSEN	nstruction			Well Us	and the second second second second second		Pumping rate (Vmin 12	(GPM)	4	49		60
	Conventional)			estic		al 🗌 Dewa	atering	Duration of pumping 1 hrs +		5	54		54.4
Rotary (F	····,	Driving			Test Ho Cooling	le 🗌 Monit & Air Conditioning	toring	Final water level end	-	_	71	<b>.6</b> 10	34.7
Air percu:	ission becify		_   □ Indu	strial r, <i>specify</i> _				98.5 <sup>(</sup> /	(min / GPM)	15	81	.4 15	24.8
	T	nstruction R			n (m@)	Status of W		×		20	86	.6 20	20.7
Inside Diameter (cm/lo	(Galvanize	e OR Material ed, Fibreglass, Plastic, Steel)	Wall Thickness <i>(cm/in</i> )	From	То	Replacement		Recommended pur 100	ip deptri (muy)	25	90	4 25	18.9
Gilan	Steel		.188″	+2 ′	807	Test Hole      Recharge We		Recommended pur	np rate	30	92	. <b>5</b> 30	18.2
<u> </u>	Open	Hole		80 1	121′	Dewatering W     Deservation a	and/or	Well production (Vmi	n /CEM)	40	94		18.2
	1					Monitoring Ho     Alteration		12 Distrifected?		50	96		18.2
			1			<ul> <li>(Construction)</li> <li>Abandoned,</li> <li>Insufficient Su</li> </ul>		No 🗌 No		60	98	. 5 60	18.21
Outside		nstruction R	ecord - Scre		n ( <i>m/ft</i> )	Abandoned, F	Poor	Please provide a m					
Diameter (cm/in)		aterial Ivanized, Steel)	Slot No.	From	То	Abandoned, c							TU
				$\geq$	<b>&gt;</b>	Other, specify	,	$\left  \begin{array}{c} 60 \\ \end{array} \right $				_	
		C						(D)	耕	2	84-	3	
6.10.26660.002020.0200.020	id at Depth	Water Det Kind of Water	an a san ang ang ang ang ang ang ang ang ang a	Intested	a service and the service of the ser	tole Diameter	meter		De	inf	84- 20B1	N	
113 <sub>(m</sub>	n 🔁 🗌 Gas	Other, spe	cify		From		m/10) 3/, i	$  \Lambda  $	$\backslash$	P	Æ.	)	
	nd at Depth n/ft) 🗌 Gas	Kind of Water		JUntested			6"			1	,		
	•	Kind of Water		]Untested			<u>ں م</u>	0.241		_		tu	joy
	, U			lechnicia	ı n Informa	tion	-336E		A A.	201	ann		•
		I Contractor			W	ell Contractor's Licer 7681	nce No.	Thor	es pt.				
Busi	ALL SUBJECT	NA HEBBER/Na	ame)		M	<sup>un</sup> RRHhnond							
Province	P	ostal Code KDA 270	Business	E-mail Add al <b>r-ro</b> d	dress ck@sym	patico.ca			Package Deliver	7	Min	istry Use	2 Only
	one No. (inc. 382170	area code) Na	ime of Well Te		Last Name			information package	y <b>2019</b>   <sub>M</sub>   <b>∬</b>	₽₀ <b>,2</b>			<u>5940</u>
Well Teghnia		No. Signature	of Technician	rand/or.Co	ontractor Da	ate Ston Bited 11	29		Work Completed			V 252	2019
0506E (2018/					Y	YYYMM Ministry's	υυ	Y Y	YYYMM	DD	1		Dr Ontario, 2018
		$L^{j}$	1				1º J						

Ministry of the Enviror Conservation and Par Measurements recorded in:	Tag #: A16		Well Record n 903 Ontario Water Resources Act Page / of /
Well Owner's Information		E-mail Address	Well Constructed
MOM	HONES		by Well Owner
Mailing Address (Street Number/Name)	A. Winicipality	Province Postal Cod	telephone to (inc. area code)
Well Location Address of Well Location (Street Number/Mame)	Township	Lot 17	Concession
2750 XINFODIN FC	AD. Township	MARAJ. At	Province Postal Code
County/District/Municipality	City/Town/Village	· J	Ontario
UTM Coordinates Zone Easting	hing Municipal Plan and Sublo	t Number	Other
NAD 8 3 18 404 TO C	ment Sealing Record (see instructions on the	e back of this form)	
General Colour Most Common Material	Other Materials	General Descriptio	n Depth ( <i>m/ft</i> ) From To
BRIN GET, CHAY.			60020
CKET BADIS	· · · · · · · · · · · · · · · · · · ·		Ditt fild
		· · · · · · · · · · · · · · · · · · ·	
		· · · · · · · · · · · · · · · · · · ·	
Annular S Depth Set at ( <i>m/ft</i> ) Type of Seala		Results of N After test of well yield, water was:	Vell Yield Testing Draw Down Recovery
From To (Material and	Type) (m³/ft³)	Clear and sand free Other, <i>specify</i>	Time Water Level Time Water Level (min) (m/ft) (min) (m/ft)
0006.00 PEZPUG/M	FOLEPLIG UPP	If pumping discontinued, give reasor	Static A 7 11
- BENTON/TE	Cat	NA	1 6.63 1 6,10
		Pump intake set at (m/ft)	2 7.30 2 5.44
		Pumping rate (1/min / GPM)	3 760 3 5.02
Method of Construction		Duration of pumping	4 7.72 4 4.90
Rotary (Conventional)     Jetting     Rotary (Reverse)     Driving     Lives		$hrs + O_min$	5 7.78 5 4.80
Boring     Digging     Imigation       Air percussion     Indust	—	Final water level end of pumping (m	10 7.83 10 4.H
Other, specify Other	r, specify	If flowing give rate (Vmin / GPM)	15 7.84 15 4.76
Construction Record - Casir Inside Open Hole OR Material Wall	Depth ( <i>m/ft</i> ) Status of Well	Recommended pump depth/m/ft)	20 7.04 20 A.TO
Diameter (Galvanized, Fibreglass, ( <i>cm/in</i> ) Concrete, Plastic, Steel) ( <i>cm/in</i> )	From To Replacement Well	10.0m [33	25 7.45 25 4.75
5.20 STEL 0.40 +	TE D37 Recharge Well	(I/min / GNS/M /Depm)	30 tot5 30 4.15
NOC	Destructioning Hole	Well production (V/min / GEW)	40 7.855 40 4.
	Alteration (Construction)	Disinfected?	2 50 4.00 50 4.7
	Abandoned, Insufficient Supply	Yes No	60 4 ET. 60 775
Construction Record - Scree	Depth ( <i>m/ft</i> ) Abandoned, Poor Water Quality	Please provide a map below follo	Well Location wing instructions on the back.
Diameter (cm/in) (Plastic, Galvanized, Steel) Slot No.	From To Abandoned, other, specify	I IN E	Brachine W
Bitt. STAINESS #10	037 11.60 Other, specify	Ed.	EDIAL
	(34-38)	<u>Suma</u>	<u>alinka</u>
Water Details	Hole Diameter	Conta	att )
Water found at Depth Kind of Water: Fresh K (m/ft) Gas Other, specify	From To (cm/in)		
	Untested	FT A	Well + 2
( <i>m/ft</i> ) Gas Other, specify Water found at Depth Kind of Water: Fresh	]Untested	5 7 2750	
(m/ft) Gas Other, specify		A JUNIObin	ri I
Well Contractor and Well T Business Name of Well Contractor	echnician Information Well Contractor's Licence No.	Solo Rel	
Business Address (Street Number/Nama)	Municipality	Comments:	
157 FIVE ARCINES OR, 10	OXEM PAKENHAM		
Province Postal Code Business	E-mail Address	Well owner's Date Package Deliv	ered Ministry Use Only
Bus. Telephone No. (inc. area code) Name of Well Te	chnician (Las Name First Name)	information	Audit No. Z322876
Well Technician's Licence No. Signature grit control	the did Chryscher Data Submitted 11 -2	delivered Yes Date Work Complet	
OOBG MMM	Well ROTTING		Received © Queen's Printer for Ontario, 2018
0506E (2018/12)	Ministry's Copy	1	a success in time for officine, 2010



		Annular S	ipace			Results of W	all Yiel	d Testing		
Depth Set at (m/ft)	<u>an an a</u>	Type of Seala	e et l'aboude blactor ann	n har e e la ferre en el estador en e	Volume Placed	After test of well yield, water was:		aw Down		
From   To		(Material and	Type)		( <i>m³/ft</i> <sup>3</sup> )	Clear and sand free		Water Level		
PT 14	a-Pi	NOF	Con Tru	TITE	0.22	Other, specify	(min)	, ,	(min)	(m/ft)
n or or	RE-PL HOLET	e ru			- Call	If pumping discontinued, give reason:	Static	5.21		681
Ī	HOLE	WKC	t Ol	UT				115		667
				<b>-</b>				622		Jet
						Pump intalije set at (m/ft)	2	[27]	2	541
						Pump intage sor at (m/m) (35)	1	1-1		
		autora da contra a lo de contra as	with the second second			Pumping rate (/min / GPM)	3	6,41	3	234
Method of Co	nstruction			Well Us	terestate	ASIAM (Dam)		121	4	5.37
Cable Tool	Diamond				Ξ	Duration of pumping	╢	(AD)		10-0
Rotary (Conventional)		Dom Dom		Municipa		hrs + 5 min	5	1591	5,	5.X
Rotary (Reverse)						Final water level end of pumping (m/h				<0
Boring	🗌 Digging	Irriga			& Air Conditioning		10	081	10	Jac7
Air percussion			striai er, <i>specify</i> _			Can av	15	1.01	15	527
Other, specify						If flowing give rate (Vmin / GPM)	<u> </u>	CT 1	<u> </u>	UL
Co	nstruction Re	cord - Casi	ng		Status of Well		20	681	20	529
Inside Open Hol	le OR Material	Wall	Depth	n ( <i>m/ft</i> )	Water Supply	Recommended pump depth (m/ft)				
	ed, Fibreglass, , Plastic, Steel)	Thickness (cm/in)	From	То	Replacement Well	10.Tm (5)	25	001	25	L
				110		Recommended pump rate	30	1.01	30	1 C
DOCHEL	NOC	VHC +	500	149	Recharge Well	(VInin / GAM) ANA MON		W/C/		
			<b>*</b>	10-6-	Dewatering Well	TUTUTUT	40	10B	40	1(
				1.		Well production (I/min//GPM)			+	

COUM USAM 50 Monitoring Hole 50 Alteration Disinfected? (Construction) 60 60-Yes 🗌 No Abandoned, Insufficient Supply Map of Well Location Construction Record - Screen Abandoned, Poor Please provide a map below following instructions on the back. Water Quality Outside Depth (m/ft) Material Slot No. Diameter Abandoned, other, (Plastic, Galvanized, Steel) From То MAR (cm/in) specify Burandun Other, specify J **Hole Diameter** Water Details Water found at Depth Kind of Water: Fresh KUntested Depth (*m/ft*) Diameter (cm/in) From Τо (*m/ft*) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested  $(m/ft) \square Gas \square Other, specify$ Water found at Depth Kind of Water: Fresh Untested (*m*/ft) Gas Other, specify Well Contractor and Well Technician Information Well gontractor's Licence No. Business Name of Well Contractor KING [] comments. Business Address (Street Number/Name) Parkner With Defe 6 Business E-mail Address Province Postal Code Ministry Use Only Date Package Delivered Well owner's information Audit No. **Z**322889 Jelephone No. (inc. area code) Name of Well Technician (Last Name, Eirst Name) package delivered Date Work Completed Yes GI Received JUN 2 2 2020 Well technician's Licence No. Signature of technician an Date Submittee Contract No 0086 NO1



## and the second 


🔀 Metric 🛛 🗌 Imperial

Well Tag No. (Place Sticker and/or Print Below) Tag#: A192944

Well Record **Regulation 903 Ontario Water Resources Act** of Page

Concession

Lot

 $\mathcal{Z}$ 

asurements recorded in:

Address of Well Location (Street Number/Name) ERECX TEX 3 County/District/Municipality Province KARIEEN Ontario nd Sublot Number Other JTM Coordinates Zone ORBINAL SUBLET ZE 5030058 NAD | 8| 3 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) Depth (m/ft) Most Common Material Other Materials General Description General Colour Fron 11200 LAY FILL 5005 GÆ JAY RO a 3UK CEADFT SAL Annular Space Results of Well Yield Testing Type of Sealant Used (Material and Type) Volume Placed (m³/ft<sup>3</sup>) Depth Set at (m/ft) From To After test of well yield, water was: Draw Down Recovery Clear and sand free Other, specify Time Water Level Time Water Level (min) (m/ft) (m/ft) (min) D 7.32 BENDUIEGROU 0. Static 5.09 If pumping discontinued, give reason: 0 Level NA. 1 1 ģ C Pump intake set at (m/ft) 03 2 2 10 3 3 ate (I/min / GPI/ Well Use Method of Construction I(M 4 4 Cable Tool Diamond Public Commercial Not used Domestic Livestock of pumping \_\_\_\_\_ \_\_\_\_ Jetting Dewatering Municipal nin 🖉 5 5 D.11 hrs + Rotary (Reverse) Driving Test Hole Monitoring Digging Irrigation inal water level end of pumping (m/ft) Cooling & Air Conditioning 10 10 5 10 Air percussion 1 Industrial t:Ctm Other, specify 15 15 5,09 h If flowing give ra **Construction Record - Casing** Status of Well 20 11 20 Ű ( Water Supply Open Hole OR Material (Galvanized, Fibreglass, Concrete, Piastic, Šteel) Inside Wall Depth (m/ft) Thicknes 7.765 Diamete Replacem Replacement Well 25 25 To 11 From (cm/in) (cm/in) 0.48 +040 251 /1 30 30 15.68 STER AB9. Recharge Well ll Dewatering Well 712. 40 40 l.f Observation and/or Monitoring Hole 50 50 4 U Alteration (Construction) V lí 60 60 Nc Nc Abandoned. Insufficient Supply Map of Well Location Construction Record - Screen Abandoned, Poor Water Quality Please provide a map below following instructions on the back Outside Depth (m/ft) Material Slot No. Diameter Abandoned, other, (Plastic Galvanized, Steel' From То (cm/in) specify BIT STAINLESS #10 1<u>2:51</u> -13, Other, specify STEEL 45 Water Details Hole Diameter Depth (*m/ft)* Mater found at Depth King of Water: Fresh 🕅 Untested Diameter (cm/in) From Water found at Depth Kind of Water: Fresh Untester (m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify <u>H0</u> a Geellan Well Contractor and Well Technician Information Will Softer ING INC Comments CHESDR., BOX 219 FILEA Business E-mail Address Well owner's information Ministry Use Only Audit No. **Z**322899 R package delivered PP JANDOU 🗌 Yes ntractor Date NOV 0 9 2020 🗌 No 0 D Received © Queen's Printer for Ontario, 2018 D506E (2018/12) Ministry's Copy

7384686



First On Site Restoration

BES WINKOBIN ROA	х),	70880		/	3
County/District/Municipality		City/Town/Village	ROBIN	Province Ontario	Postal Code
UTM Coordinates Zone, Easting Northing NAD   8   3	DAIZ	Municipal Plan and Sublo	t Number	Other	
Overburden and Bedrock Materials/Abandonmen		cord (see instructions on this Other Materials	e back of this form) General Desci		Depth (m/ft)
General Colour Most Common Material	CIAY				From To
COOR MAY	MI.				090-550
BUNE-OF CLAY	SIL	7-			550-113
COST SANIA	0/~	/			11.3 - 14-24
					IN TATI
					(17)
	<u> </u>				
NDE-GTS OW (ABANDON)	Sur				
1842000/50	3/4/7	ζ			
Annular Space	e		Results		
Depth Set at (m/ft) Type of Sealant U From To (Material and Type		Volume Placed	After test of well yield, water wa	Time Water	Level Time Water Level
NOKOGOU HOLEPLUS PE	27116	. 014	Other, specify	Static	v/ft) (min) (m/ft)
BENENTE	GQORÍ	7.	If pumping discontinued, give re	eason: Level	e ont
NER-1160 OLNWER NE	3ANDon	DelB.	Pump intake set at (m/ft)	1 Ge	C lando
14-38i) 2021 (6"6x	781)/1	paris).	12.2m (40)	$) \frac{2}{2} \frac{2}{2}$	$\mathbb{Z} \stackrel{2}{=} \mathbb{Q} \stackrel{2}{=} \mathbb{Q} \stackrel{2}{=} \mathbb{Q}$
Method of Construction	<u>Veli</u>	Use	Pumping rate (Vmin / GPM)	$\int \frac{3}{6}$	2 3 6025
Cable Tool Diamond Public			Duration of pumping	J 4 60	
Rotary (Conventional)       Jetting         Rotary (Reverse)       Driving         Livestock	🗌 Muni 🔲 Test	Hole Monitoring	<u>2 hrs + 0 min</u>	5 6.7	L 56,20
Boring Digging Inrigation     Air percussion Industrial	Cool	ing & Air Conditioning	Final water level end of pumpin	3 10 Ge	<u>3 10 (</u>
Other, specify Other, spe			If flowing give rate (I/min/GPM)	1561	J 15 1
Construction Record - Casing	Depth (m/ft)	Status of Well	Recommended pump depth (m	20 6	7 20 y
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete Plastic Steel) (cm/in) Fro	i i i	Replacement Well	10.7m (3	5) 25 6	74 25 y
Cat more ARR A AR	60-Bil	Test Hole	Recommended pump rate	30 6.	24 30 Y
Ind cherry of the long	a Nil	Dewatering Well		pr 40 6.9	75 40 U
	. *	Monitoring Hole	Well pretinction (l/min/GPM)	50 D	50 4
	dwill	(Construction)	Disinfected?	60 6	6. 60 6.70
Construction Record - Screen	uyun	Insufficient Supply		of Well Location	<u>/_   _   _   _   _   _   _   _   _   _  </u>
Outside Material Slot No	Deptin (m/ft)	Water Quality	Please provide a map below	following instruction	s on the back.
(cm/in) (Plastic, Galvanized, Steel) Slot No. Fro	om To	Abandoned, other, specify	1215 June	52 YM	
13.11 STANES 710. 13	12-140	Other, specify	Vond	<u>m</u> 7	July 18 BA
JIEL I	143 47'	) [	Kall all		Mindanea
Water Details	rested [	Hole Diameter Depth (m/ft) Diameter	Duull 3		attait #
(m/ft) Gas Other, specify			2021		
Water found at Depth Kind of Water: Fresh Unt	ested	) OD MAY		A	
(m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Unt	iested		New will Z		
(m/ft) Gas Other, specify	<u> </u>				•
Well Contractor and Well Tech Business Name of Well Contractor	nician Infori	Well Contractor's Licence No			<u> </u>
STANTOU DRILLING ILC		4870		A	
Business Address (Street Number (Name) 57 FILE ARCHESTK, BKC	19	Municipality FHENHAM	Company Color M		·
Province Postal Code Business E-m		I. A Koll int		<u> </u>	an a second and a second the second
RIG Telephone No (inc. and and) Name of Wall Technic	(, CHU	First Name)	Well owner's Date Package		Ministry Use Only
Bys Telephone No. (nc. area code) (Name of Well lectron	N, FEB		delivered Date Work Cor	npleted	the second s
Well Teenhician's Licence No. Signature de la Vician en de	1/ Contractor	Data Submitted	Yes Date Work Coll	03 4	"APR 1 3 2021
0506E (2020/06) © Queen's Printer for Ontario, 2020	1-00	Ministry's Copy			<b>Man</b> ating in 1997 (na mana ang <u>ang pan</u> g

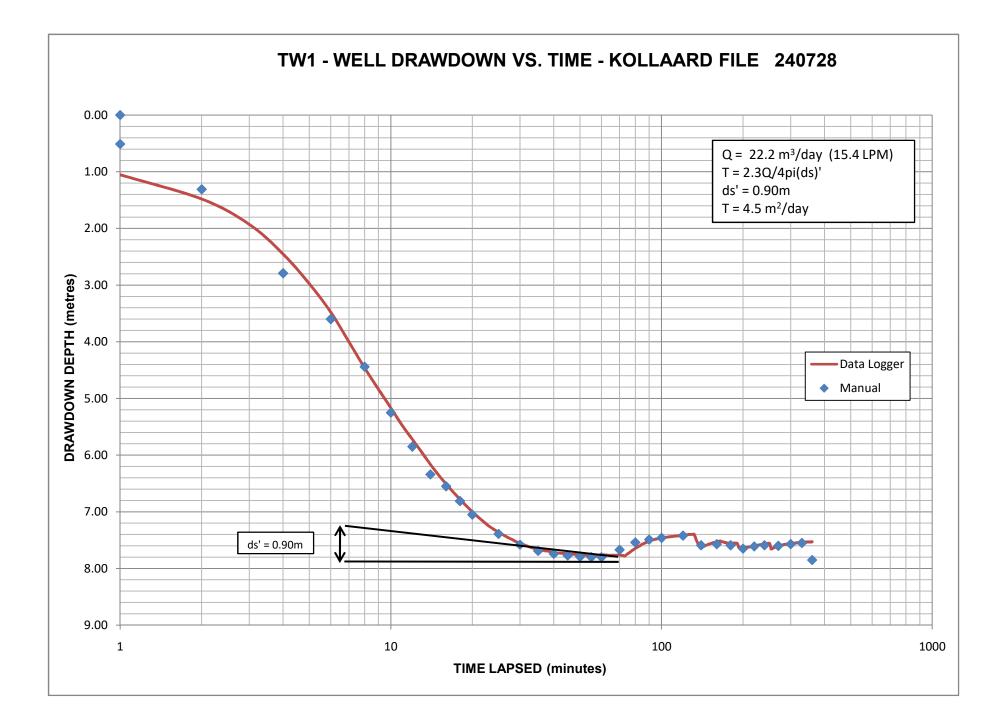
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Ontario S Ministry of the Environment, Conservation and Parks	Vell Tag No. Tag#:A3	Print Below)	egulation 903 (	Well Record
Measurements recorded in: 🗌 Metric 🗌 Imperial				Page / of /
Address of Well Location (Street Number/Name)	Township REEXT	tàn l	ot /	Concession
County/District/Municipality	City/Town/Village	$\mathcal{M}$	Prov On	ince Postal Code tario
UTM Coordinates Zone Easting	Municipal Plan and Sublot Nu		Othe	r
NAD 8 3 10 11 7 ELALLOCOLO				Depth (m/ft)
General Colour Most Common Material	Other Materials	General	Description	From To
BLUE EREY CLA				1.00 6.4D
Block Starl.				- 40 11.60 1201
CREY				
Annular Space		fter test of well yield, wa	sults of Well Y	eld Testing Draw Down Recovery
Depth Set at (m/ft)     Type of Sealant Used       From     To       (Material and Type)	(m³/ft³)	Clear and sand free		e Water Level Time Water Level
UNCAN FEITIG/HUEFU DEVENTE GEUL	$\mathcal{O}$ $\mathcal{O}$	pumping discontinued,	give reason: Lev	
- ROMAN CRU		N/N		541 1 620
		10-1 m C	<u>73')</u>	1-10 2 2070 7 59 3 524
Method of Construction	Well Use	SCIPHA	Kym 4	787 4 503
Rotary (Conventional)	Municipal  Test Hole  Municipal  Monitoring  -	Duration of pumping	<i>"</i> , 5	BOA 5 4.87
	Cooling & Air Conditioning	inal water level end of p	umping (m/ft) 1(	0 8.29 10 4.61
Other, specify Other, specify Construction Record - Casing	Status of Well	flowing give rate (Vmin/		
Inside Open Hole OR Material Wall Depth ( Diameter (Galvanized, Fibreolass, Thickness		Recommended pump de	pth (m/ft)	- 12 ZO 25 AVIA
(cm/in) Concrete, Plastic, Steel) (cm/in) From		Recommended pump ra	30	$\frac{1}{200} = \frac{1}{20}
The Acard Com Mach	Dewatering Well	Veil progluction (I/min/GP	4	DE ALO
	Monitoring Hole	Disinfected?	( 50 50	
	Abandoned, Insufficient Supply	Yes 🗌 No	Map of Well L	
Outside       Material       Slot No.       Depth (		Please provide a map		structions on the back.
(cm/in) (Plastic, Galvanized, Steel) From	To specify		V/ Idli V	
SHE STANLED THU Wist	D Other, specify	A Cipple A		$\mathcal{X}$
Water Details	Hole Diameter	here a		
Water found at Depth Kind of Water: Fresh Untested	From To (cm/in)			1021
Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify	HOLL OF TO MARCO			H
Water found at Depth Kind of Water: Fresh Untested (m/ft) Gas Other, specify				11 Entreile
Well Contractor and Well Technician Business Name of Well Contractor STANCA WILLIAMS				Y
Business Address (Street Number/Name)		Comments:		
Province Postal Code Business E-mail Addr		Well owner's Date Pa		Ministry Use Only
Bus Telephone No. (inc. area code) Name of Well Technician (L	ast Name, First Name)	Information package delivered	A la ball	Audit No. <b>Z349633</b>
Well Technician's Licence No. Signature of Technician and/or Cor		Yes Date Wo	rk Completed	APR 1 3 2021
0506E (2020/06) © Queen's Printer for Ontario, 2020	Ministry's Copy	No		B. Received



ATTACHMENT B

### PUMPING TEST DATA FOR TW1



Kollaard File:	240728
DRAWDOW	N DATA -

15.4 litres/minute

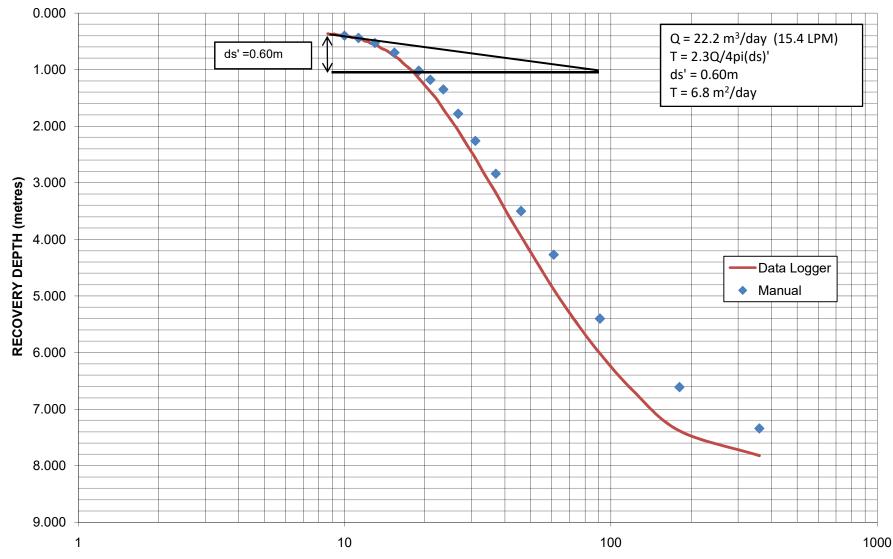
Pump Rate **TW1** 

Time Lapsed (minutes)	Abs Pres (kPa)	Temp (°C)	Water Level (m)	Drawdown (m)	Manual Water Level (m)	Manual Drawdow (m)
0	222.848	9.176	-4.484795177	0.00	-4.48	
1	212.538	9.077	-5.536709572	1.05	-4.99	0.51
2	208.352	8.978	-5.963905016	1.48	-5.79	1.31
3	203.96	8.879	-6.412103747	1.93	7.07	2 70
4 5	198.824	8.879	-6.93601282	2.45	-7.27	2.79
6	193.678 188.78	8.779 8.779	-7.461111181 -7.960738257	2.98 3.48	-8.08	3.60
7	183.632	8.68	-8.486023269	4.00	0.00	5.00
8	179.144	8.68	-8.943823922	4.46	-8.92	4.44
9	175.443	8.68	-9.321346252	4.84	0.52	
10	172.212	8.581	-9.651070303	5.17	-9.73	5.25
11	169.23	8.581	-9.955248184	5.47		
12	166.796	8.581	-10.20352752	5.72	-10.33	5.85
13	164.568	8.581	-10.43079389	5.95		
14	162.442	8.581	-10.64765578	6.16	-10.82	6.34
15	160.625	8.581	-10.83299824	6.35		
16	159.047	8.581	-10.99396159	6.51	-11.03	6.55
17	157.676	8.581	-11.13380997	6.65		
18	156.407	8.581	-11.26325388	6.78	-11.29	6.81
19	155.275	8.581	-11.37872315	6.89		
20	154.246	8.581	-11.48368594	7.00	-11.53	7.05
21	153.354	8.581	-11.57467409	7.09		
22	152.557	8.481	-11.65609883	7.17		
23	151.803	8.481	-11.73300971	7.25		
24	151.22	8.481	-11.79247794	7.31		
25	150.705	8.481	-11.84500991	7.36	-11.87	7.39
26	150.259	8.481	-11.89050361	7.41		
27	149.848	8.481	-11.93242718	7.45		
28	149.47	8.481	-11.97098463	7.49		
29	149.093	8.481	-12.00944007	7.52		
30	148.818	8.481	-12.03749112	7.55	-12.06	7.58
31	148.544	8.481	-12.06544017	7.58		
32	148.304	8.481	-12.08992109	7.61		
33	148.064	8.481	-12.114402	7.63		
34	147.892	8.481	-12.13194666	7.65		
35	147.755	8.481	-12.14592118	7.66	-12.17	7.69
36	147.652	8.481	-12.15642758	7.67		
37	147.515	8.481	-12.1704021	7.69		
38	147.446	8.481	-12.17744037	7.69		
39	147.343	8.481	-12.18794676	7.70		
40	147.24	8.481	-12.19845315	7.71	-12.22	7.74
41	147.137	8.481	-12.20895955	7.72		
42	147.103	8.481	-12.21242768	7.73		
43	147.069	8.481	-12.21589581	7.73		
44	147.035	8.481	-12.21936394	7.73	42.25	
45	147	8.481	-12.22293407	7.74	-12.25	7.77
46	146.932	8.481	-12.22987033	7.75		
47 48	146.897 146.897	8.481 8.481	-12.23344046 -12.23344046	7.75 7.75		
40	146.829	8.481	-12.23344046	7.76		
49 50	146.829	8.481	-12.24037672	7.76	-12.27	7.79
51	146.829	8.481	-12.24037672	7.76	-12.27	1.15
52	140.825	8.481	-12.24741499	7.76		
53	146.76	8.481	-12.24741499	7.76		
54	146.726	8.481	-12.25088312	7.77		
55	146.726	8.481	-12.25088312	7.77	-12.28	7.80
56	146.726	8.481	-12.25088312	7.77	12.20	7.00
57	146.726	8.481	-12.25088312	7.77		
58	146.726	8.481	-12.25088312	7.77		
59	146.76	8.481	-12.24741499	7.76		
60	146.76	8.481	-12.24741499	7.76	-12.28	7.80
61	146.726	8.481	-12.25088312	7.76		
62	146.691	8.481	-12.25445325	7.76		
63	146.589	8.481	-12.26485764	7.76		
64	146.794	8.481	-12.24394686	7.77		
65	147	8.481	-12.22293407	7.77		
66	147.172	8.481	-12.20538941	7.77		
67	147.378	8.481	-12.18437663	7.77		
68	147.583	8.481	-12.16346584	7.77		
69	147.755	8.481	-12.14592118	7.76		
70	147.927	8.481	-12.12837653	7.76	-12.15	7.67
71	148.064	8.481	-12.114402	7.77		
72	148.235	8.481	-12.09695935	7.77		
73	148.338	8.481	-12.08645296	7.78		
74	148.51	8.481	-12.0689083	7.76		
75	148.681	8.481	-12.05146564	7.74		
76	148.75	8.481	-12.04442738	7.72		
77	148.887	8.481	-12.03045286	7.70		
78	148.956	8.481	-12.02341459	7.68		
79	149.059	8.481	-12.0129082	7.66		
80	149.196	8.481	-11.99893368	7.64	-12.02	7.54
81	149.264	8.481	-11.99199742	7.63		
82	149.333	8.481	-11.98495915	7.61		
83	149.402	8.481	-11.97792089	7.60		
84	149.436	8.481	-11.97445276	7.58		
85	149.539	8.481	-11.96394636	7.57		
05						

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87	149.607	8.481	-11.9570101	7.55			
88	149.676	8.481	-11.94997184	7.54			
89	149.71	8.481 8.481	-11.94650371	7.53	11.07	7.40	
90 91	149.71	8.481 8.481	-11.94650371	7.51 7.51	-11.97	7.49	
91	149.745 149.779	8.481 8.481	-11.94293358 -11.93946545	7.51			
93	149.848	8.481	-11.93242718	7.49			
94	149.848	8.481	-11.93242718	7.49			
95	149.882	8.481	-11.92895905	7.48			
96	149.882	8.481	-11.92895905	7.48			
97	149.951	8.481	-11.92192079	7.47			
98	149.951	8.481	-11.92192079	7.47			
99	149.985	8.481	-11.91845266	7.46			
100	149.985	8.481	-11.91845266	7.46	-11.94	7.46	
101	150.019	8.481	-11.91498453	7.46			
102	150.053	8.481	-11.9115164	7.45			
103	150.053	8.481	-11.9115164	7.45			
104	150.053	8.481	-11.9115164	7.45			
105	150.088	8.481	-11.90794627	7.44			
106 107	150.122 150.156	8.481 8.481	-11.90447814 -11.90101001	7.44 7.44			
107	150.190	8.481	-11.89743987	7.44			
108	150.191	8.481	-11.89743987	7.43			
110	150.191	8.481	-11.89743987	7.43			
111	150.191	8.481	-11.89743987	7.43			
112	150.294	8.481	-11.88693348	7.43			
113	150.259	8.481	-11.89050361	7.43			
114	150.294	8.481	-11.88693348	7.43			
115	150.294	8.481	-11.88693348	7.42			
116	150.328	8.481	-11.88346535	7.42			
117	150.328	8.481	-11.88346535	7.42			
118	150.328	8.481	-11.88346535	7.41			
119	150.328	8.481	-11.88346535	7.41			
120	150.362	8.481	-11.87999722	7.41	-11.90	7.42	
121	150.362	8.481	-11.87999722	7.41			
122	150.362	8.481	-11.87999722	7.40			
123	149.951	8.481	-11.92192079	7.41			
124 125	149.539	8.481 8.481	-11.96394636 -12.00240181	7.40			
125	149.162 148.853	8.481	-12.00240181	7.40 7.40			
120	148.51	8.481	-12.0689083	7.40			
128	148.235	8.481	-12.09695935	7.40			
129	147.995	8.481	-12.12144027	7.40			
130	147.995	8.481	-12.12144027	7.40			
131	148.064	8.481	-12.114402	7.40			
132	148.167	8.481	-12.10389561	7.40			
133	148.235	8.481	-12.09695935	7.44			
134	148.338	8.481	-12.08645296	7.48			
135	148.373	8.481	-12.08288282	7.52			
136	148.475	8.481	-12.07247843	7.55			
137	148.51	8.481	-12.0689083	7.58			
138	148.578	8.481	-12.06197204	7.61			
139 140	148.647 148.681	8.481 8.481	-12.05493377 -12.05146564	7.64 7.64	-12.07	7.59	
140	148.716	8.481	-12.04789551	7.63	-12.07	7.55	
142	148.75	8.481	-12.04442738	7.62			
143	148.818	8.481	-12.03749112	7.61			
144	148.853	8.481	-12.03392099	7.60			
145	148.921	8.481	-12.02698473	7.60			
146	148.921	8.481	-12.02698473	7.59			
147	148.956	8.481	-12.02341459	7.58			
148	148.99	8.481	-12.01994646	7.58			
149	149.024	8.481	-12.01647833	7.57			
150	149.024	8.481	-12.01647833	7.57			
151	149.059	8.481	-12.0129082	7.56			
152	149.127	8.481	-12.00597194	7.56			
153	149.162	8.481	-12.00240181	7.55			
154 155	149.162	8.481 8.481	-12.00240181	7.55			
155 156	149.196 149.127	8.481 8.481	-11.99893368 -12.00597194	7.54 7.54			
156	149.127 149.093	8.481 8.481	-12.00597194 -12.00944007	7.54			
158	149.059	8.481	-12.0129082	7.54			
159	149.024	8.481	-12.0125082	7.53			
160	149.024	8.481	-12.01647833	7.53	-12.05	7.57	
161	148.921	8.481	-12.02698473	7.53			
162	148.956	8.481	-12.02341459	7.52			
163	148.887	8.481	-12.03045286	7.52			
164	148.887	8.481	-12.03045286	7.52			
165	148.853	8.481	-12.03392099	7.51			
166	148.853	8.481	-12.03392099	7.52			
167	148.853	8.481	-12.03392099	7.52			
168	148.818	8.481	-12.03749112	7.53			
169	148.818	8.481	-12.03749112	7.53			
170	148.818	8.481	-12.03749112	7.53			
171	148.818	8.481	-12.03749112	7.54			
172	148.784	8.481	-12.04095925	7.54			
173	148.818	8.481 8.481	-12.03749112	7.55			
174 175	148.818	8.481 8.481	-12.03749112 -12.03392099	7.55			
	148.853	8.481 8.481	-12.03392099 -12.03749112	7.55 7.55			
	148 818						
176	148.818 148.853						
	148.818 148.853 148.784	8.481 8.481	-12.03392099	7.55			

190	140.010	0 404	12 02740442	7.c. I	13.07	7 FA	
180 181	148.818 148.681	8.481 8.481	-12.03749112 -12.05146564	7.55 7.55	-12.07	7.59	
181 182	148.681 148.338	8.481 8.481	-12.05146564 -12.08645296	7.55			
183	148.029	8.481	-12.11797214	7.55			
184	148.029	8.481	-12.11797214	7.55			
185	148.064	8.481	-12.114402	7.55			
186	148.098	8.481	-12.11093387	7.55			
L87	148.098	8.481	-12.11093387	7.55			
188	148.098	8.481	-12.11093387	7.56			
189	148.167	8.481	-12.10389561	7.55			
190	148.167	8.481	-12.10389561	7.55			
191	148.201	8.481	-12.10042748	7.57			
192	148.167	8.481	-12.10389561	7.60			
193	148.167	8.481	-12.10389561	7.63			
194	148.098	8.481	-12.11093387	7.63			
195 196	148.132 148.132	8.481 8.481	-12.10746574 -12.10746574	7.63 7.63			
197	148.132	8.481	-12.10746574	7.63			
198	148.132	8.481	-12.10746574	7.63			
.99	148.132	8.481	-12.10746574	7.62			
200	148.167	8.481	-12.10389561	7.62	-12.13	7.65	
201	148.201	8.481	-12.10042748	7.62			
202	148.167	8.481	-12.10389561	7.62			
203	148.201	8.481	-12.10042748	7.62			
04	148.235	8.481	-12.09695935	7.63			
05	148.27	8.481	-12.09338922	7.62			
:06	148.235	8.481	-12.09695935	7.62			
07	148.27	8.481	-12.09338922	7.62			
208	148.338	8.481	-12.08645296	7.62			
09	148.304	8.481	-12.08992109	7.62			
210	148.373	8.481	-12.08288282	7.62			
211	148.373	8.481	-12.08288282	7.62			
212	148.373	8.481	-12.08288282	7.62			
213	148.407	8.481	-12.07941469	7.62			
214 215	148.441 148.407	8.481 8.481	-12.07594656 -12.07941469	7.61 7.61			
215	148.441	8.481	-12.07594656	7.61			
217	148.441	8.481	-12.07594656	7.61			
218	148.51	8.481	-12.0689083	7.60			
219	148.544	8.481	-12.06544017	7.61			
220	148.544	8.481	-12.06544017	7.60	-12.09	7.61	
221	148.544	8.481	-12.06544017	7.60			
222	148.578	8.481	-12.06197204	7.60			
223	148.578	8.481	-12.06197204	7.59			
224	148.578	8.481	-12.06197204	7.59			
225	148.613	8.481	-12.0584019	7.59			
226	148.647	8.481	-12.05493377	7.59			
227	148.647	8.481	-12.05493377	7.59			
228	148.647	8.481	-12.05493377	7.58			
229	148.647	8.481	-12.05493377	7.58			
230	148.716	8.481	-12.04789551	7.58			
231	148.681	8.481	-12.05146564	7.58			
232	148.75	8.481	-12.04442738	7.58			
233	148.716	8.481 8.481	-12.04789551	7.58			
234 235	148.75 148.75	8.481	-12.04442738 -12.04442738	7.58 7.57			
136	148.784	8.481	-12.04095925	7.57			
130	148.784	8.481	-12.04095925	7.57			
38	148.784	8.481	-12.04095925	7.57			
139	148.818	8.481	-12.03749112	7.57			
40	148.818	8.481	-12.03749112	7.56	-12.07	7.59	
41	148.75	8.481	-12.04442738	7.57			
42	148.407	8.481	-12.07941469	7.56			
243	148.098	8.481	-12.11093387	7.56			
244	147.824	8.481	-12.13888292	7.56			
245	147.858	8.481	-12.13541479	7.56			
46	147.858	8.481	-12.13541479	7.56			
47	147.892	8.481	-12.13194666	7.56			
48	147.961	8.481	-12.1249084	7.56			
249	148.029	8.481	-12.11797214	7.55			
250	148.029	8.481	-12.11797214	7.55			
251	148.064	8.481	-12.114402	7.56			
252 253	148.098	8.481	-12.11093387	7.59			
253 254	148.132 148.167	8.481 8.481	-12.10746574 -12.10389561	7.63 7.65			
.54 155	148.235	8.481	-12.09695935	7.65			
256	148.201	8.481	-12.10042748	7.65			
57	148.235	8.481	-12.09695935	7.65			
58	148.304	8.481	-12.08992109	7.64			
259	148.304	8.481	-12.08992109	7.63			
260	148.304	8.481	-12.08992109	7.63			
261	148.338	8.481	-12.08645296	7.63			
262	148.304	8.481	-12.08992109	7.63			
263	148.373	8.481	-12.08288282	7.62			
264	148.373	8.481	-12.08288282	7.62			
265	148.407	8.481	-12.07941469	7.61			
266	148.441	8.481	-12.07594656	7.62			
267	148.441	8.481	-12.07594656	7.61			
268	148.475	8.481	-12.07247843	7.61			
269	148.51	8.481	-12.0689083	7.61			
270	148.51	8.481	-12.0689083	7.61	-12.08	7.60	
271 272	148.51	8.481	-12.0689083	7.60			
	148.578	8.481	-12.06197204	7.61			

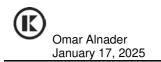
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273	148.578	8.481	-12.06197204	7.60			
274	148.613	8.481	-12.0584019	7.60			
275	148.613	8.481	-12.0584019	7.59			
276	148.613	8.481	-12.0584019	7.59			
277	148.613	8.481	-12.0584019	7.59			
278	148.613	8.481	-12.0584019	7.59			
279	148.647	8.481	-12.05493377	7.58			
280	148.681	8.481	-12.05146564	7.58			
281	148.716	8.481	-12.04789551	7.58			
282	148.681	8.481	-12.05146564	7.58			
283	148.716	8.481	-12.04789551	7.58			
284	148.716	8.481	-12.04789551	7.57			
285	148.681	8.481	-12.05146564	7.57			
286	148.716	8.481	-12.04789551	7.57			
287	148.75	8.481	-12.04442738	7.57			
288	148.75	8.481	-12.04442738	7.57			
289	148.75	8.481	-12.04442738	7.57			
290	148.75	8.481	-12.04442738	7.57			
291	148.75	8.481	-12.04442738	7.56			
292	148.784	8.481	-12.04095925	7.57			
293	148.75	8.481	-12.04442738	7.56			
294	148.784	8.481	-12.04095925	7.56			
295	148.818	8.481	-12.03749112	7.57			
296	148.853	8.481	-12.03392099	7.56			
297	148.853	8.481	-12.03392099	7.56			
298	148.818	8.481	-12.03749112	7.56			
299	148.853	8.481	-12.03392099	7.56			
300	148.853	8.481	-12.03392099	7.56	-12.05	7.57	
301	148.853	8.481	-12.03392099	7.56			
302	148.853	8.481	-12.03392099	7.56			
303	148.853	8.481	-12.03392099	7.56			
304	148.887	8.481	-12.03045286	7.56			
305	148.853	8.481	-12.03392099	7.55			
306	148.887	8.481	-12.03045286	7.55			
307	148.887	8.481	-12.03045286	7.55			
308	148.887	8.481	-12.03045286	7.55			
309	148.921	8.481	-12.02698473	7.55			
310	148.887	8.481	-12.03045286	7.55			
311	148.921	8.481	-12.02698473	7.55			
312	148.887	8.481	-12.03045286	7.55			
313	148.921	8.481	-12.02698473	7.55			
314	148.956	8.481	-12.02341459	7.55			
315	148.921	8.481	-12.02698473	7.55			
316	148.921	8.481	-12.02698473	7.55			
317 318	148.921	8.481 8.481	-12.02698473 -12.02698473	7.55 7.55			
319	148.921 148.956	8.481	-12.02038473	7.54			
320	148.956	8.481	-12.02341459	7.55			
320	148.956	8.481	-12.02341459	7.54			
322	148.956	8.481	-12.02341459	7.55			
323	148.956	8.481	-12.02341459	7.54			
323	148.99	8.481	-12.02341433	7.54			
325	148.99	8.481	-12.01994646	7.54			
326	148.99	8.481	-12.01994646	7.54			
326	148.956	8.481 8.481	-12.01994646	7.54			
327	148.956	8.481 8.481	-12.02341459	7.54			
328	148.956	8.481 8.481	-12.02341459	7.54			
329	148.99	8.481 8.481	-12.01994646	7.54	-12.03	7.55	
330 331	148.99	8.481 8.481	-12.01994646	7.54	-12.05		
222		8.481	-12.01994848	7.5.4			
332 333	149.024 148.99	8.481 8.481	-12.01647833	7.54			
334	149.024	8.481	-12.01994040	7.54			
335	149.059	8.481	-12.0129082	7.54			
336	149.024	8.481	-12.01647833	7.54			
337	149.059	8.481	-12.0129082	7.54			
338	149.024	8.481	-12.01647833	7.54			
339	149.024	8.481	-12.01647833	7.54			
340	149.059	8.481	-12.0129082	7.54			
341	149.024	8.481	-12.01647833	7.54			
342	149.024	8.481	-12.01647833	7.53			
343	149.024	8.481	-12.01647833	7.54			
344	149.059	8.481	-12.0129082	7.53			
345	149.024	8.481	-12.01647833	7.53			
346	149.059	8.481	-12.0129082	7.53			
347	149.024	8.481	-12.01647833	7.53			
348	149.059	8.481	-12.0129082	7.53			
349	149.093	8.481	-12.00944007	7.53			
350	149.059	8.481	-12.0129082	7.53			
351	148.921	8.481	-12.02698473	7.53			
351	148.475	8.481	-12.02038473	7.53			
352	148.064	8.481	-12.07247843	7.53			
353	147.755	8.481	-12.14592118	7.53			
355	147.446	8.481	-12.17744037	7.53			
355	147.172	8.481	-12.20538941	7.53			
357	146.932	8.481	-12.20558941	7.53			
	146.726	8.481	-12.22987033	7.53			
358							
358 359	146.52	8.481	-12.27189591	7.52			



### TW1 - WELL RECOVERY VS. TIME - KOLLAARD FILE 240728

t/t' (ratio)

ECOVEF	RY DATA	TW1						Manual	
ť'	t / ť'	Abs Pres	Temp	Water Level	Drawdown	Recovery	Water Level	Drawdown	Recovery
		(kPa)	(°C)	(m)	(m)	(%)	(m)	(m)	(%)
1	361	146.177	8.481	-12.30688322	7.82	-3%	-11.82	7.34	6%
2	181.0	150.465	8.481	-11.86949083	7.38	3%	-11.09	6.61	16%
3	121.0	157.462	8.481	-11.15577008	6.67	12%			
4	91.0	163.874	8.481	-10.50172157	6.02	21%	-9.88	5.40	31%
5	73.0	169.701	8.481	-9.907345294	5.42	29%			
6	61.0	174.979	8.481	-9.368969119	4.88	36%	-8.75	4.27	46%
7	52.4	179.879	8.481	-8.869150389	4.38	42%			
8	46.0	184.196	8.481	-8.428799887	3.94	48%	-7.98	3.50	55%
9	41.0	188.033	8.481	-8.037411219	3.55	53%			
10	37.0	191.731	8.481	-7.660201084	3.18	58%	-7.32	2.84	64%
11	33.7	194.745	8.481	-7.352761562	2.87	62%			
12	31.0	197.724	8.481	-7.048892175	2.56	66%	-6.74	2.26	71%
13	28.7	200.155	8.481	-6.800920882	2.32	70%			
14	26.7	202.517	8.481	-6.559987854	2.08	73%	-6.26	1.78	77%
15	25.0	204.434	8.481	-6.364446526	1.88	75%			
16	23.5	206.213	8.481	-6.182981725	1.70	78%	-5.83	1.35	83%
17	22.2	207.959	8.481	-6.004883051	1.52	80%			
18	21.0	209.259	8.481	-5.872278082	1.39	82%	-5.66	1.18	85%
19	19.9	210.457	8.481	-5.750077502	1.27	83%			
20	19.0	211.586	8.481	-5.634915187	1.15	85%	-5.5	1.02	87%
21	18.1	212.647	8.481	-5.526689131	1.04	86%			
22	17.4	213.434	8.481	-5.446412123	0.96	87%			
23	16.7	214.118	8.481	-5.376641508	0.89	88%			
24	16.0	214.905	8.481	-5.2963645	0.81	89%			
25	15.4	215.384	8.481	-5.247504669	0.76	90%	-5.18	0.70	91%
26	14.8	215.932	8.481	-5.191606574	0.71	91%			• = / -
27	14.3	216.411	8.481	-5.142746743	0.66	91%			
28	13.9	216.684	8.481	-5.114899699	0.63	92%			
29	13.4	217.095	8.481	-5.072976128	0.59	92%			
30	13.0	217.437	8.481	-5.038090821	0.55	93%	-5.01	0.53	93%
31	12.6	217.574	8.481	-5.024116297	0.54	93%	5.01	0.00	50/0
32	12.3	217.916	8.481	-4.98923099	0.50	93%			
33	11.9	218.019	8.481	-4.978724596	0.49	94%			
34	11.6	218.327	8.481	-4.947307419	0.46	94%			
35	11.3	218.361	8.481	-4.943839289	0.46	94%	-4.92	0.44	94%
36	11.0	218.6	8.481	-4.919460375	0.43	94%	4.52	0.11	5470
37	10.7	218.6	8.481	-4.919460375	0.43	94%			
38	10.7	218.737	8.481	-4.905485852	0.43	94%			
39	10.5	218.737	8.481	-4.891511328	0.42	95%			
39 40	10.2	218.908	8.481	-4.891311328	0.41	95%	-4.88	0.40	95%
40 41	9.8	218.908	8.481 8.481	-4.874068674	0.40	95%	-4.00	0.40	55%
41 42		219.045		-4.874068674					
42 43	9.6 9.4		8.481		0.39	95% 05%			
	-	219.079	8.481	-4.870600544	0.39	95% 05%			
44	9.2	219.216	8.481	-4.856626021	0.37	95%		0.00	0.50/
45	9.0	219.182	8.481	-4.860094151	0.38	95%	-4.86	0.38	95%



### ATTACHMENT C

### RESULTS OF LABORATORY TESTING OF WELL WATER SAMPLES



146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

#### **OFFICIAL CERTIFICATE OF ANALYSIS: 4065239**

## **WORK REQUEST : 100312221**

### Report Date : 2024-09-16

Kollaard Associates Inc.	Reception Date :	2024-09-13
210 Prescott St., Box 189	Project :	240728
Kemptville, ON	Sampler :	NA
K0G 1J0	PO Number :	Not Applicable
Attention : Colleen Vermeersch	Temperature :	17 °C

Analysis	Quantity	External Method
E.Coli and Total Coliforms (DC Plate)	2	Modified from MECP E3407
Heterotrophic Plate Count (mHPC)	2	Modified from SM 9215 D

#### Criteria :

A: Ontario Regulation 169/03 (Non-Regulated Drinking Water)

#### Sample status upon receipt :

8019670 8019671 Compliant

#### Notes :

- All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated.

- Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at https://directory.cala.ca/
- Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Legend :		
RL : Reporting limit QC : Reference material (QC)	N/A : Not applicable 1 : Results in annex	<ul> <li>* : Analysis conducted by external subcontracting</li> <li>^ : Analysis not accredited</li> </ul>

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4065239-V1



146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

# Reception Date: 2024-09-13

Eurofins Sample No :							8019671		
	Matrix :								
	Sampling Date :								
Client Sample Identification :						TW1-3 hrs	TW1-6 hrs		
Microbiology			Criteria						
	RL	Unit	Α	В	С				
E.Coli and Total Coliforms (DC Plate)									
Escherichia coli (DC)	0	CFU/100mL	0			0	0		
Total Coliforms (DC)	0	CFU/100mL	0			0	0		
Heterotrophic Plate Count (mHPC)	0	CFU/1 mL				17	13		

Approved by :

Jason Kennedy

Project Manager

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Page 2 of 3



146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

Client :	Kollaard Associates Inc.

#### Reception Date: 2024-09-13 Project : 240728 QC Matrix Spike Duplicate RL Blank Unit Parameter Recovery % Range % Recovery % Range % RPD % Range % E.Coli and Total Coliforms (DC Plate) Method : Total Coliforms and E.Coli by MF (Water, DC plate). Internal method: OTT-M-BAC-WI45296. Escherichia coli (DC) CFU/100mL 0-30 0 0 Total Coliforms (DC) CFU/100mL 0 0 0-30 Associated Samples : 8019670, 8019671 Prep Date: 2024-09-13 Analysis Date: 2024-09-14 Method : Heterotrophic Plate Count by MF (mHPC Media). Internal method: OTT-M-BAC-WI45296. Heterotrophic Plate Count (mHPC) CFU/1 mL 0 0 0-30 Associated Samples : 8019670, 8019671 Prep Date: 2024-09-13 Analysis Date: 2024-09-15

Where RPD % is reported as "-" the calculation is not available because one or both of the duplicates is within 5 times the RL.

2

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### **DRINKING WATER CHAIN-OF-CUSTODY**

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

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	TW1-3 hrs		- 28	/ 12:30	PW.		ĊN*	8. )	wellhead		1	1. <del>-</del> 1.	1				-	- 4		8019670
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#### **OFFICIAL CERTIFICATE OF ANALYSIS : 4078438**

### WORK REQUEST : 100312251 Report Date : 2024-09-20

Kollaard Associates Inc.	Reception Date :	2024-09-13
210 Prescott St., Box 189	Project :	240728
Kemptville, ON	Sampler :	NA
K0G 1J0	PO Number :	Not Applicable
Attention : Colleen Vermeersch	Temperature :	17 °C

Analysis	Quantity	External Method
Alkalinity (Water, Automated)	2	Modified from SM 2320 B
Ammonia, Total (Water, Colorimetry)	2	Modified from EPA 350.1
Chloride (Water, IC)	2	Modified from SM 4110 B and C
Colour, Apparent (Water, Spectrophotometry)	2	Modified from SM 2120 C
Colour, True (Water, Spectrophotometry)	2	Modified from SM 2120 C
Conductivity (Water, Automated)	2	Modified from SM 2510 B
DOC (Water, IR)	2	Modified from SM 5310 B
Fluoride (Water, Auto/ISE)	2	Modified from SM 4500-F A and 4500-F C
Hardness (Water, Calculation Only)	2	SM 2340 B
Ion Balance (Water, Calculation)	2	Modified from SM1030 E
Lab Filtration (Water, Sample Preparation)	2	Lab Prep
Metals Scan (Water, ICP/MS)	2	Modified from EPA 200.8
Metals Scan (Water, ICP/OES)	2	Modified from SM 3120 B
Nitrate (Water, IC)	2	Modified from SM 4110 B and C
Nitrite (Water, IC)	2	Modified from SM 4110 B and C
pH (25°C) (Water, Automated)	2	Modified from SM 4500-H+ B
PHC F1-BTEX (Water, Calculation)	1	Modified from ON MECP E3421
PHCs F1 (Water, GC-FID)	1	Modified from ON MECP E3421
PHCs F2-F4 (Water, GC-FID)	1	Modified from ON MECP E3421
Phenols (Water, Colorimetry)	2	Modified from EPA 420.2
Sulphate (Water, IC)	2	Modified from SM 4110 B and C
Sulphide (Water, Colorimetry)	2	Modified from SM 4500-S2 D
Tannin and Lignin (Water, Spec)	2	Modified from SM 5550 B
TDS (Estimated)	2	Modified from SM 2510 A
Total Kjeldahl Nitrogen (Water, Colorimetry)	2	Modified from EPA 351.2
Turbidity (Water, Turbidimeter)	2	Modified from SM 2130 B
VOCs (Water, GC/MS)	1	Modified from EPA 8260

#### Criteria :

A: Ontario Regulation 169/03 (Non-Regulated Drinking Water)

#### Sample status upon receipt :

8019811 8019812 Compliant

#### **Certificate Comments :**

8019812

S2- and Anions MRL was increased due to matrix interference. Ba spike not available due to high native analyte concentration in the mother sample. Sample was subcontracted for DOC analysis.

#### 8019811

S2- and Anions MRL was increased due to matrix interference. Sample was subcontracted for DOC analysis.

#### Notes :

- All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated.



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- Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at https://directory.cala.ca/
- Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Legend :		
RL : Reporting limit	N/A : Not applicable	* : Analysis conducted by external subcontracting
QC : Reference material (QC)	1 : Results in annex	^ : Analysis not accredited

#### **OFFICIAL CERTIFICATE OF ANALYSIS - EXCEEDENCE SUMMARY**

#### Client : Kollaard Associates Inc.

Project : 240	J728	-			Recep	otion Date : :	2024-09	
Eurofins	Client Sample	Analida	Desult	11	Exceeded Criteria			
Sample No	Identification	Analyte	Result	Units	Α	В	С	
Chloride (Wate	er, IC)							
8019811	TW1-3 Hrs	Chloride	1280	mg/L	250			
8019812	TW1-6 Hrs	Chloride	1260	mg/L	250			
Colour, Appar	ent (Water, Spectrophoto	ometry)						
8019811	TW1-3 Hrs	Colour (Apparent)	77	TCU	5			
8019812	TW1-6 Hrs	Colour (Apparent)	85	TCU	5			
Hardness (Wa	ter, Calculation Only)							
8019811	TW1-3 Hrs	Hardness as CaCO3 (Calculation)	1020	mg/L	80-100			
8019812	TW1-6 Hrs	Hardness as CaCO3 (Calculation)	1000	mg/L	80-100			
Metals Scan (	Water, ICP/MS)							
8019811	TW1-3 Hrs	Barium	1.90	mg/L	1			
8019812	TW1-6 Hrs	Barium	1.89	mg/L	1			
8019811	TW1-3 Hrs	Iron	11.0	mg/L	0.3			
8019812	TW1-6 Hrs	Iron	10.9	mg/L	0.3			
8019811	TW1-3 Hrs	Manganese	0.65	mg/L	0.05			
8019812	TW1-6 Hrs	Manganese	0.63	mg/L	0.05			
Metals Scan (	Water, ICP/OES)							
8019811	TW1-3 Hrs	Sodium	505	mg/L	200			
8019812	TW1-6 Hrs	Sodium	486	mg/L	200			
TDS (Estimate	ed)							
8019811	TW1-3 Hrs	TDS (Estimated)^	2640	mg/L	500			
8019812	TW1-6 Hrs	TDS (Estimated)^	2630	mg/L	500			
Turbidity (Wat	er, Turbidimeter)							
8019811	TW1-3 Hrs	Turbidity	>100	NTU	5			
8019812	TW1-6 Hrs	Turbidity	>100	NTU	5			



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### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

			8019811	8019812			
			Drinking water	Drinking water			
			2024-09-12	2024-09-12			
			Client Sa	mple Identification :	TW1-3 Hrs	TW1-6 Hrs	
Anions				Criteria			
Amons	RL	Unit		B C			
Chloride	0.5	mg/L	250		1280	1260	
Nitrate (as Nitrogen)	0.5	mg/L	10.0		<1.0	<1.0	
Nitrite (as Nitrogen)	0.1	mg/L	1.0		<1.0	<1.0	
Sulphate	1	mg/L	500		86	85	
Cupitato		iiig/L	000				
	Eurofins S	Sample No :	8019811	8019812			
		Matrix :	Drinking water	Drinking water			
	Sam	pling Date :	2024-09-1	2 2024-09-12			
Client	Sample Ide	entification :	TW1-3 Hr	s TW1-6 Hrs			
Calculations	RL	Unit					
Ion Balance (Calculation)^	Balance (Calculation)^ 0.1						
				unafina Camanla Na i	0040044	0040040	
			E	urofins Sample No : Matrix :	8019811	8019812	
					Drinking water	Drinking water	
				Sampling Date :	2024-09-12	2024-09-12	
			Client Sa	mple Identification :	TW1-3 Hrs	TW1-6 Hrs	
General Chemistry				Criteria			
-	RL	Unit	Α	B C			
Alkalinity (as CaCO3)	5	mg/L	500		307	304	
Colour (Apparent)	2	TCU	5		77	85	
Colour (True)	2	TCU			5	<2	
Conductivity @ 25°C	5	µS/cm			4060	4050	
Dissolved Organic Carbon	0.5	mg/L	5		0.9	0.9	
Fluoride	0.1	mg/L	1.5		0.40	0.41	
Hardness as CaCO3 (Calculation)	1	mg/L	80-100		1020	1000	
pH @ 25°C	1	-	6.5-8.5		7.68	7.69	
Phenols-4AAP	0.001	mg/L			<0.001	<0.001	
Sulphide (S2-)	0.02	mg/L	0.05		<0.02	<0.02	
Tannin and Lignin	0.1	mg/L			0.4	0.2	
<b>.</b>							
TDS (Estimated)^	5	mg/L	500		2640	2630	

Reception Date: 2024-09-13



146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

	8019811	8019812						
		Matrix :					Drinking	
				5-	mpling Date :	water	water	
			2024-09-12	2024-09-12				
			Client S	•	dentification :	TW1-3 Hrs	TW1-6 Hrs	
Metals			Criteria			-		
	RL	Unit	A	В	С			
Metals Scan (Water, ICP/MS)								
Aluminum	0.01	mg/L	0.1				<0.01	
Antimony	0.0005	mg/L	0.006				<0.0005	
Arsenic	0.001	mg/L	0.01				<0.001	
Barium	0.001	mg/L	1			1.90	1.89	
Beryllium	0.0005	mg/L					<0.0005	
Boron	0.01	mg/L	5				0.04	
Cadmium	0.0001	mg/L	0.005				<0.0001	
Chromium	0.001	mg/L	0.05				<0.001	
Cobalt	0.0002	mg/L					<0.0002	
Copper	0.001	mg/L	1				<0.001	
Iron	0.03	mg/L	0.3			11.0	10.9	
Lead	0.001	mg/L	0.01				<0.001	
Manganese	0.01	mg/L	0.05			0.65	0.63	
Mercury	0.0001	mg/L	0.001				<0.0001	
Molybdenum	0.005	mg/L					<0.005	
Nickel	0.005	mg/L					<0.005	
Selenium	0.001	mg/L	0.05				<0.001	
Silver	0.0001	mg/L					<0.0001	
Strontium	0.001	mg/L					1.13	
Thallium	0.0001	mg/L					<0.0001	
Uranium	0.001	mg/L	0.02				0.002	
Vanadium	0.001	mg/L					<0.001	
Zinc	0.01	mg/L	5				<0.01	
Metals Scan (Water, ICP/OES)								
Calcium	1	mg/L				269	259	
Magnesium	1	mg/L				85	86	
Potassium	1	mg/L				14	14	
Sodium	1	mg/L	200			505	486	
	Eurofine 9	Sample No :	801981	1	8019812			
	Drinking		Drinking					
	Matrix :	water		water				
	Sam	pling Date :	2024-09-		2024-09-12			
Clie	nt Sample Ide		TW1-3 H	Irs	TW1-6 Hrs			
Nutrients	RL	Unit						
Ammonia (Total, as Nitrogen)	0.02	mg/L	0.152		0.142			
Total Kjeldahl Nitrogen	0.1	mg/L	0.288		0.295			

Reception Date: 2024-09-13



Kollaard Associates Inc.

Client :

# **Environment Testing**

146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Project : 240728					Reception Da	te: 2024-09-13
	Eurofins	Sample No :	8019812			
		Matrix :	Drinking water			
	San	npling Date :	2024-09-12			
Clier	nt Sample Id	entification :	TW1-6 Hrs			
Petroleum Hydrocarbons	RL	Unit				
F1 minus BTEX	20	ug/L	<20.0			
F1 (C6 to C10)	20	ug/L	<20.0			
PHCs F2-F4 (Water, GC-FID)						
F2 (C10 to C16)	20	ug/L	<20			
F3 (C16 to C34)	50	ug/L	<50			
F4 (C34 to C50)	50	ug/L	<50			
5-alpha-Androstane (surrogate)	1	%	126			
	Eurofins	Sample No :	8019811	8019812		
		Matrix :	Drinking water	Drinking water		
	San	npling Date :	2024-09-12	2024-09-12		
Clier	Client Sample Identification :					
Sample Preparation	RL	Unit				
Lab Filtration			Y	Y		



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### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

	8019812							
	Drinking water							
			2024-09-12					
			Client S		oling Date : Intification :	TW1-6 Hrs		
Volatile Organic Compounds				Criteria				
Volatile Organie Compounds	RL	Unit	Α	B	С			
VOCs (Water, GC/MS)								
1,1,1,2-Tetrachloroethane	0.5	ug/L				<0.5		
1,1,1-Trichloroethane	0.4	ug/L				<0.4		
1,1,2,2-Tetrachloroethane	0.4	ug/L				<0.5		
1,1,2-Trichloroethane	0.4	ug/L				<0.4		
1,1-Dichloroethane	0.4	ug/L				<0.4		
1,1-Dichloroethene	0.4	ug/L	14			<0.5		
1,2,4-Trichlorobenzene	0.5	ug/L				<0.5		
1,2-Dibromoethane	0.2	ug/L				<0.2		
1,2-Dichlorobenzene	0.4	ug/L	200			<0.4		
1.2-Dichloroethane	0.4	ug/L	5			0.3		
1,2-dichloroethene, cis + trans^	0.2	ug/L	0			<0.5		
1,2-Dichloropropane	0.5	ug/L				<0.5		
1,3,5-Trimethylbenzene	0.3	ug/L				2.1		
1,3-Dichlorobenzene	0.4	ug/L				<0.4		
1,3-Dichloropropene, cis + trans	0.4	ug/L				<0.5		
1,4-Dichlorobenzene	0.4	ug/L	5			<0.4		
Acetone	5	ug/L	5			5.7		
Benzene	0.5	ug/L	1			1.0		
Bromodichloromethane	0.3	ug/L	-			<0.3		
Bromoform	0.4	ug/L				<0.4		
Bromomethane	0.4	ug/L				<0.5		
Carbon tetrachloride	0.2	ug/L	2			<0.2		
Chloroethane	0.2	ug/L	2			<0.5		
Chloroform	0.2	ug/L				<0.5		
Chloromethane	0.2	ug/L				<0.2		
cis-1,2-Dichloroethene	0.2	ug/L				<0.4		
cis-1,3-Dichloropropene	0.4	ug/L				<0.5		
Dibromochloromethane	0.3	ug/L				<0.3		
Dichlorodifluoromethane	0.5	ug/L				<0.5		
Dichloromethane	4	ug/L	50			<4.0		
Diethyl ether	5	ug/L	00			<5.0		
Ethylbenzene	0.5	ug/L	140			1.0		
Hexane	5	ug/L	140			8		
m/p-Xylene	0.4	ug/L				5.3		
Methyl butyl ketone (MBK)	5	ug/L				<5.0		
Methyl ethyl ketone (MEK)	2	ug/L				<2.0		
Methyl isobutyl ketone (MIBK)	5	ug/L				<5.0		
Methyl tert-butyl ether (MTBE)	2	ug/L				<2.0		
Monochlorobenzene	0.5	ug/L	80			<0.5		
o-Xylene	0.5	ug/L	00			2.1		
Styrene	0.4	ug/L				<0.5		
Tetrachloroethylene (PCE)	0.5	ug/L	10			<0.3		
Toluene	0.3	ug/L	60			25.3		
trans-1,2-dichloroethene	0.4	ug/L	00			<0.4		
	0.4	ug/L				· <b>J</b> .T		

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Reception Date: 2024-09-13



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### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

Reception Date: 2024-09-13

				Eurofins Sa	ample No :	8019812		
					Matrix :	Drinking water		
				Samp	oling Date :	2024-09-12		
			Client	Sample Ide	ntification :	TW1-6 Hrs		
Volatile Organic Compounds				Criteria				
	RL	Unit	Α	В	С			
trans-1,3-dichloropropene	0.5	ug/L				<0.5		
Trichloroethylene (TCE)	0.3	ug/L	5			<0.3		
Trichlorofluoromethane	0.5	ug/L				<0.5		
Vinyl chloride	0.2	ug/L	1			<0.2		
Xylene (Total)	0.5	ug/L	90			7.4		
1,2-dichloroethane-d4 (surrogate)	0	%				89		
4-bromofluorobenzene (surrogate)	0	%				74		
Toluene-d8 (surrogate)	0	%				96		

Approved by :

Emma-Dawn Ferguson, M.Sc. Environmental Chemist

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### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

					04	~			<b>.</b> .	
Parameter		Unit	RL	Blank	QC Recovery %		Matrix S Recovery %		RPD %	licate Range %
Alkalinity (Water, Automated)					,		,	0		0
	Method : Al	kalinity (water, tit	ration to pH 4	4.5, automated	l). Internal meth	od: OTT-I-A	T-WI45398.			
Alkalinity (as CaCO3)		mg/L	5	<5	98	95-105				
		Associated Sam	ples : 80198	11, 8019812				٨	Prep Date nalysis Date	: 2024-09-18 : 2024-09-19
Ammonia, Total (Water, Colori	netry)									
	Meth	nod : Ammonia (V				I-NUT-WI46				
Ammonia (Total, as Nitrogen)		mg/L	0.02	<0.020	102	80-120	119	80-120	3	0-20
		Associated Sam	ples : 80198	11, 8019812				A	Prep Date nalysis Date	: 2024-09-15 : 2024-09-16
Chloride (Water, IC)										
	Metho	d : Anions (Wate		• • • •						
Chloride		mg/L	0.5	<0.5	96	80-120	104	80-120	-	0-20
		Associated Sam	ples : 80198	11, 8019812				A	Prep Date nalysis Date	: 2024-09-19 : 2024-09-20
Colour, Apparent (Water, Spec	trophotometry)									
	Method	: Colour (Water,		,			145980.			
Colour (Apparent)		TCU	2	<2	97	39-159			7	0-40
		Associated Sam	ples : 80198	11, 8019812				A	Prep Date nalysis Date	: 2024-09-16 : 2024-09-16
Colour, True (Water, Spectropl	otometry)									
	Method	: Colour (Water,		,			145980.			_
Colour (True)		TCU	2	<2	97	39-159			-	0-40
		Associated Sam	ples : 80198	11, 8019812				A	Prep Date nalysis Date	: 2024-09-16 : 2024-09-16
Conductivity (Water, Automate	,									
	Meth	hod : Conductivity	•	,			398.		<u>^</u>	0.00
Conductivity @ 25°C		uS/cm	5	<5	101	98-102			0	0-20
		Associated Sam	ples : 80198	11, 8019812				A	Prep Date nalysis Date	: 2024-09-18 : 2024-09-19
Fluoride (Water, Auto/ISE)										
	Method : FI	uoride by autotitra					T-WI45398.			
Fluoride		mg/L	0.1	<0.10	94	90-110				
		Associated Sam	ples : 80198	11,8019812					Prep Date	: 2024-09-18



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### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

#### Client : Kollaard Associates Inc.

Project : 240728

Devenueter	Unit	RL	Blank	Q		Matrix S	•	Dupli	
Parameter	Offit		DIATIK	Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Metals Scan (Water, ICP/MS)									
A L		•	,	al method: AMN			70.400		0.00
Aluminum	mg/L	0.01	< 0.01	100	80-120	-	70-130	-	0-20
Antimony	mg/L	0.0005	< 0.0005	82	80-120	87	70-130	-	0-20
Arsenic	mg/L	0.001	< 0.001	97	80-120	-	70-130	-	0-20
Barium	mg/L	0.001	< 0.001	100	80-120	-	70-130	-	0-20
Beryllium	mg/L	0.0005	<0.0005	107	80-120	120	70-130	-	0-20
Boron	mg/L	0.01	< 0.01	100	80-120	112	70-130	-	0-20
Cadmium	mg/L	0.0001	<0.0001	98	80-120	-	70-130	-	0-20
Chromium	mg/L	0.001	<0.001	90	80-120	-	70-130	-	0-20
Cobalt	mg/L	0.0002	<0.0002	100	80-120	-	70-130	-	0-20
Copper	mg/L	0.001	<0.001	100	80-120	98	70-130	-	0-20
Iron	mg/L	0.03	<0.03	90	80-120	99	70-130	-	0-20
Lead	mg/L	0.001	<0.001	100	80-120	-	70-130	-	0-20
Manganese	mg/L	0.01	<0.01	100	80-120	-	70-130	-	0-20
Mercury	mg/L	0.0001	<0.0001	100	80-120	94	70-130	-	0-20
Molybdenum	mg/L	0.005	<0.005	90	80-120	90	70-130	-	0-20
Nickel	mg/L	0.005	<0.005	100	80-120	-	70-130	-	0-20
Selenium	mg/L	0.001	<0.001	98	80-120	-	70-130	-	0-20
Silver	mg/L	0.0001	<0.0001	104	80-120	96	70-130	-	0-20
Strontium	mg/L	0.001	<0.001	100	80-120	92	70-130	-	0-20
Thallium	mg/L	0.0001	<0.0001	102	80-120	87	70-130	-	0-20
Uranium	mg/L	0.001	<0.001	90	80-120	86	70-130	-	0-20
Vanadium	mg/L	0.001	<0.001	90	80-120	-	70-130	-	0-20
Zinc	mg/L	0.01	<0.01	100	80-120	-	70-130	-	0-20
	Associated Sar	nples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-16 2024-09-13
Metals Scan (Water, ICP/OES)									
	Method : Metals (								
Calcium	mg/L	1	<1	102	86-115	96	70-130	1	0-20
Magnesium	mg/L	1	<1	100	91-109	99	70-130	2	0-20
Potassium	mg/L	1	<1	106	87-113	107	70-130	-	0-20
Sodium	mg/L	1	<1	105	85-115	101	70-130	-	0-20
	Associated Sar	nples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-18 2024-09-13
Nitrate (Water, IC)									
	Method : Anions (Wate	er, Ion Chroma	atography). Int	ernal method: C	DTT-I-IC-WI₄	45985.			
Nitrate (as Nitrogen)	mg/L	0.1	<0.1	99	80-120	99	80-120	1	0-20
	Associated Sar	nples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-17 2024-09-18
Nitrite (Water, IC)									
	Method : Anions (Wate	er, Ion Chroma	atography). Int	ernal method: C	DTT-I-IC-WI4	15985.			
Nitrite (as Nitrogen)	mg/L	0.1	<0.1	103	80-120	98	80-120	-	0-20
	Associated Sar	nples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-17 2024-09-18
pH (25°C) (Water, Automated)					1 47 14/1450				
25.0	Method : pH (Wate		-			90.		0	0.00
pH @ 25°C		1	5.68	100	97-103			0	0-20
	Associated Sar	npies : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-18 2024-09-19

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Reception Date: 2024-09-13



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### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

					_	-			
Parameter	Unit	RL	Blank	QC Recovery %		Matrix S Recovery %		Dupli RPD %	cate Range %
PHCs F1 (Water, GC-FID)				recovery //	Tunge 70	recovery //	range //		Tunge 70
<i>、 , ,</i>	thod : Petroleum Hydrod	arbons (Wate	er, GC-FID). Iı	nternal method: (	OTT-O-PHC	-WI45386.			
<sup>-1</sup> (C6 to C10)	ug/L	20	<20	89	70-130	81	70-130	-	0-30
	Associated	I Samples : 8	019812				^	Prep Date: Analysis Date:	2024-09-18
PHCs F2-F4 (Water, GC-FID)							F	analysis Dale.	2024-09-20
· · ·	thod : Petroleum Hydrod	arbons (Wate	er. GC-FID). Iı	nternal method: (	OTT-O-PHC	-WI45386.			
F2 (C10 to C16)	ug/L	20	<20	108	60-140				
F3 (C16 to C34)	ug/L	50	<50	108	60-140				
<sup>54</sup> (C34 to C50)	ug/L	50	<50	108	60-140				
	Associated	I Samples : 8	019812			I	β	Prep Date: Analysis Date:	2024-09-13 2024-09-20
Phenols (Water, Colorimetry)									
	Method : Phenols (W	-							
Phenols-4AAP	mg/L	0.001	<0.001	111	80-120	104	70-130	0	0-20
	Associated San	nples : 80198	11, 8019812				4	Prep Date: Analysis Date:	
Sulphate (Water, IC)									
	Method : Anions (Wate	er, Ion Chrom	atography). In	ternal method: C	DTT-I-IC-WI4	15985.			
ulphate	mg/L	1	<1	90	90-110	94	80-120		
	Associated San	ples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-1 2024-09-1
Sulphide (Water, Colorimetry)									
	Method : Sulphide, S2-					45931.			
Sulphide (S2-)	mg/L	0.01	<0.01	102	80-120			-	0-20
	Associated San	ples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-17 2024-09-17
Гannin and Lignin (Water, Spec)									
	Method : Tannin and L	<b>U</b> ( )	1 //			7693.			
Fannin and Lignin	mg/L	0.1	<0.1	96	80-120			-	0-20
	Associated San	ples : 80198	11, 8019812				A	Prep Date: Analysis Date:	2024-09-18 2024-09-18
Fotal Kjeldahl Nitrogen (Water, Colorime	etry) Method : TKN (Wa	ater, colorime	etry). Internal n	nethod: OTT-I-N	UT-WI4620 <sup>-</sup>	1.			
ōtal Kjeldahl Nitrogen	mg/L	0.1	<0.100	73	70-130	85	70-130	11	0-20
	Associated San	nples : 80198	11, 8019812				Α	Prep Date: Analysis Date:	2024-09-16 2024-09-17
urbidity (Water, Turbidimeter)	Mathed Truckist	Votor Turkis!	motor) late	al mother to CTT		000			
	Method : Turbidity (V	vater, Turbidii	meter). Interna	a methoa: 011-l	-10R-W146	200.			
Furbidity	NTU	0.1	<0.1	104	80-120			3	0-30



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### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

#### Kollaard Associates Inc. Client :

Parameter	Unit	RL	Blank		)C 6 Range %	Matrix Recovery %		Dup RPD %	licate Range %
VOCs (Water, GC/MS)				,	5	,	5		5
· · ·	Method : Volatile Organi	ic Compound	s (Water, GC/	MS). Internal m	nethod: AMVC	DMSE8.			
1,1,1,2-Tetrachloroethane	ug/L	0.5	<0.5	108	70-130	119	70-130	-	0-30
1,1,1-Trichloroethane	ug/L	0.4	<0.4	121	70-130	104	70-130	-	0-30
1,1,2,2-Tetrachloroethane	ug/L	0.5	<0.5	127	70-130	112	70-130	-	0-30
1,1,2-Trichloroethane	ug/L	0.4	<0.4	86	70-130	121	70-130	-	0-30
1,1-Dichloroethane	ug/L	0.4	<0.4	96	70-130	87	70-130	-	0-30
1,1-Dichloroethene	ug/L	0.4	<0.4	104	70-130	96	70-130	-	0-30
1,2,4-Trichlorobenzene	ug/L	0.5	<0.5	112	70-130	123	70-130	-	0-30
1,2-Dibromoethane	ug/L	0.2	<0.2	112	70-130	123	70-130	-	0-30
1,2-Dichlorobenzene	ug/L	0.4	<0.4	114	70-130	75	70-130	-	0-30
1,2-Dichloroethane	ug/L	0.2	<0.2	106	70-130	90	70-130	-	0-30
1,2-dichloroethene, cis + trans^	ug/L	0.5	<0.5				-		-
1,2-Dichloropropane	ug/L	0.5	<0.5	88	70-130	108	70-130	-	0-30
1,3,5-Trimethylbenzene	ug/L	0.3	<0.3	97	70-130	92	70-130	-	0-30
1,3-Dichlorobenzene	ug/L	0.4	<0.4	113	70-130	124	70-130	-	0-30
1,3-Dichloropropene, cis + trans	ug/L	0.5	<0.5				-		-
1,4-Dichlorobenzene	ug/L	0.4	<0.4	115	70-130	88	70-130	-	0-30
Acetone	ug/L	5	<5	109	70-130	64	70-130	-	0-30
Benzene	ug/L	0.5	<0.5	114	70-130	100	70-130	-	0-30
Bromodichloromethane	ug/L	0.3	< 0.3	127	70-130	103	70-130	-	0-30
Bromoform	ug/L	0.4	<0.4	120	70-130	108	70-130	-	0-30
Bromomethane	ug/L	0.5	< 0.5	119	70-130	115	70-130	-	0-30
Carbon tetrachloride	ug/L	0.2	<0.2	108	70-130	121	70-130	-	0-30
Chloroethane	ug/L	0.2	<0.2	97	70-130	93	70-130	-	0-30
Chloroform	ug/L	0.5	<0.5	123	70-130	97	70-130	-	0-30
Chloromethane	ug/L	0.2	<0.2	114	70-130	114	70-130	-	0-30
cis-1,2-Dichloroethene	ug/L	0.4	<0.4	111	70-130	86	70-130	-	0-30
cis-1,3-Dichloropropene	ug/L	0.5	<0.5	106	70-130	78	70-130	-	0-30
Dibromochloromethane	ug/L	0.3	<0.3	100	70-130	106	70-130	-	0-30
Dichlorodifluoromethane	ug/L	0.5	<0.5	103	70-130	100	70-130	-	0-30
Dichloromethane	ug/L	4	<0.5	103	70-130	113	70-130	-	0-30
Diethyl ether	ug/L	5	<5	83	70-130	112	70-130	-	0-30
Ethylbenzene	ug/L	0.5	<0.5	91	70-130	95	70-130	-	0-30
Hexane	ug/L	5	<5	79	70-130	18	70-130	-	0-30
	_				70-130				
m/p-Xylene Methyl butyl ketone (MBK)	ug/L ug/L	0.4	<0.4 <5	53 109	70-130	22 124	70-130 70-130	-	0-30
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-	2	<2		70-130	78	70-130	-	0-30
Methyl ethyl ketone (MEK) Methyl isobutyl ketone (MIBK)	ug/L	5	<2 <5	111		84		-	
, ,	ug/L			128	70-130		70-130	-	0-30
Methyl tert-butyl ether (MTBE)	ug/L	2	<2	106	70-130	102	70-130	-	0-30
Monochlorobenzene	ug/L	0.5	<0.5	107	70-130	113	70-130	-	0-30
o-Xylene	ug/L	0.4	< 0.4	114	70-130	97	70-130	-	0-30
Styrene	ug/L	0.5	< 0.5	122	70-130	102	70-130	-	0-30
Tetrachloroethylene (PCE)	ug/L	0.3	< 0.3	116	70-130	89	70-130	-	0-30
Toluene	ug/L	0.4	<0.4	109	70-130	-139	70-130	-	0-30
trans-1,2-dichloroethene	ug/L	0.4	<0.4	116	70-130	120	70-130	-	0-30
trans-1,3-dichloropropene	ug/L	0.5	<0.5	114	70-130	82	70-130	-	0-30
Trichloroethylene (TCE)	ug/L	0.3	<0.3	127	70-130	76	70-130	-	0-30
Trichlorofluoromethane	ug/L	0.5	<0.5	95	70-130	124	70-130	-	0-30

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### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

Client : Project :	Kollaard Associates Inc. 240728		

### Reception Date: 2024-09-13

	Linit	RL	Blank	Q	5	Matrix S	Spike	Dupl	icate
Parameter	Unit	RL	DIANK	Recovery %	Range %	Recovery %	Range %	RPD %	Range %
VOCs (Water, GC/MS)									
Method	: Volatile Organio	c Compound	s (Water, GC/M	S). Internal me	ethod: AMVC	DMSE8.			
Vinyl chloride	ug/L	0.2	<0.2	87	70-130	107	70-130	-	0-30
Xylene (Total)	ug/L	0.5	<0.5				-		-
	Associated	Samples : 8	019812				A		2024-09-18

Where RPD % is reported as "-" the calculation is not available because one or both of the duplicates is within 5 times the RL.

•

### **DRINKING WATER CHAIN-OF-CUSTODY**

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

ompany: Kollaard Associates Inc.			3		а. 2	Waterworks Name:											
mtact: Colleen Vermeersch			. **			Waterworks #:	3					2					
Idress: 210 Prescott St, Kemptville, On K0G 1.	0		10 2000			Contact:									٦ Pr	inted C	)n: 2024-09-13 1
lephone: 613-860-0923 ext230	Fax:					Address:			10								
nail #1:	#2:			8		Telephone:	20					F	Fax:				
oject: 240728						Cell Phone:		- <u></u>			2 <b>-</b>		(*)				
) #:			Quote #	:1703	14	Email #1:						(	#2:				
REGULATION/GUID	LINE REQU	RED		<u>н</u> г.	1 <u>3</u> 7 1			R- 8	т	JRN-AI	OUND	TIME (	Busine	ess <sup>®</sup> Day	ys)		
0. Reg 170 0. Reg 170 15.1 0DWS 0. Reg 318/319 0. Reg 243 GCDW	⊨ ⊨	Private Other:	Well		None	1 Day <sup>e</sup> (10) Please contact the labora	tory in ad	lvance to c	2 Day**	rush availat	bility. Surel	3-5 Days (i	apply to n			(Standard) t some tests	
			1	Sampl	le Details	pesticides may take up to	3 Weeks			analysis		10 - 10 M V	ionicies,	Fiëld N	leasure	ments	
e optimal temperature conditions during transport must be less imple(s) cannot be frozen. Note that for drinking water samples, icceedances will be reported where (and how) the application leg quires,	ll Islation		ortable?		trax		meters	eua	tal Melals	. j	BTEX	F1-F4					Sample RN#
ere will be a \$25 surcharge if required information is m	ssing	v) mple? es N = No	/MOH Repo	Containers	Code/Water		livision para	aand divisionbact	aard Spec	le colo	CS inc		3	l Chlorine	Chlorine	(Turbidity	(Lab Use Only)
ere will be a \$25 surcharge if required information is m	ssing The Type	1°0	MOE/MOH Repo Y = Yes: N = No	# of Containers	SPL Code/Watertrax	Sample Location (i.e. Kitchen, POE)	Subdivision, parameters	Koltaard Subdivisionbacteria	Kollaard Special Mela's	true colour	VOCs inc BT	PHC F1	1	Total Chiorine	Free Chlorine	Field Turbidity	
ere will be a \$25 surcharge if required information is m equired fields are shaded in grey).	allected	betow) Resample? Y = Yes N'=	Z MOE/MOH Repo	Comainers	SPL Code/Water		<ul> <li>Subdivision para</li> </ul>	<ul> <li>Koltaard</li> <li>Subdivisionbact</li> </ul>	Kollaard Spec	true colo	VOCs inc		-	- Total Chlorine	Free Chlorine	<ul> <li>Field Turbidity</li> </ul>	(Lab Use Only)
ere will be a \$25 surcharge if required information is m equired fields are shaded in grey). Sample ID Date/Time C	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =			SPL Code/Water	(i.e. Kitchen, POE)	<ul> <li>Subdivision para</li> </ul>		Kollaard Spec	1	<ul> <li>VOCs inc</li> </ul>			Total Chlorine	I Free Chlorine	Field Turbidity	
ere will be a \$25 surcharge if required information is m equired fields are shaded in grey).           Sample ID         Date/Time C           TW1-3 hrs         09-12 /	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =	N	8	SPL Code/Water	(i.e. Kitchen, POE) Wellhead	<ul> <li>Subdivision para</li> </ul>	1		1	<ul> <li>VOCs inc</li> </ul>	PHC		Total Chiorine	I Free Chlorine	Field Turbidity	8019811
ere will be a \$25 surcharge if required information is m equired fields are shaded in grey). Sample ID Date/Time C TW1-3 hrs 09-12 / TW1-6 hrs 09-12 /	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =	N	8	SPL Code/Water	(i.e. Kitchen, POE) Wellhead	<ul> <li>Subdivision para</li> </ul>	1		1	<ul> <li>VOCs inc</li> </ul>	PHC		- Total Chiorine	I Free Chlorine	Field Turbidity	8019811
ere will be a \$25 surcharge if required information is m equired fields are shaded in grey).           Sample ID         Date/Time C           TW1-3 hrs         09-12 /	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =	N	8	SPL Code/Water	(i.e. Kitchen, POE) Wellhead	Subdivision para	1		1	VOCs inc	PHC		- Total Chiorine	I Free Chlorine	Fleid Turbidity	8019811
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ere will be a \$25 surcharge if required information is m equired fields are shaded in grey). Sample ID Date/Time C TW1-3 hrs 09-12 / TW1-6 hrs 09-12 /	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =	N	8	SPL Code/Water	(i.e. Kitchen, POE) Wellhead	Subdivision para	1		1	VOCs inc	PHC		- Total Chlorine	I Free Chlorine	- Field Turbidity	8019811
ere will be a \$25 surcharge if required information is m equired fields are shaded in grey). Sample ID Date/Time C TW1-3 hrs 09-12 / TW1-6 hrs 09-12 /	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =	N	8	SPL Code/Water	(i.e. Kitchen, POE) Wellhead	Subdivision para	1		1		PHC		Total Chiorine	- Effec Chlorine	- Fleid Turbidity	8019811
TW1-3 hrs         09-12 /           TW1-6 hrs         09-12 /	ollected 2:30 P	Z Betowj Z Resample? Y = Yes N =	N	8	SPL Code/Water	(i.e. Kitchen, POE) Wellhead		1		1		PHC		- Total Chlorine	Free Chlorine	Heid Turbidity	8019811



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#### **OFFICIAL CERTIFICATE OF ANALYSIS : 4105085**

### WORK REQUEST : 100315899

### Report Date : 2024-10-03

Kollaard Associates Inc.	Reception Date :	2024-09-26
210 Prescott St., Box 189	Project :	240728
Kemptville, ON	Sampler :	NA
K0G 1J0	PO Number :	Not Applicable
Attention : Colleen Vermeersch	Temperature :	15 °C

Analysis	Quantity	External Method
Alkalinity (Water, Automated)	1	Modified from SM 2320 B
Ammonia, Total (Water, Colorimetry)	1	Modified from EPA 350.1
BTEX (Water, GC/MS)	1	Modified from EPA 8260
Chloride (Water, IC)	1	Modified from SM 4110 B and C
Colour, Apparent (Water, Spectrophotometry)	1	Modified from SM 2120 C
Colour, True (Water, Spectrophotometry)	1	Modified from SM 2120 C
Conductivity (Water, Automated)	1	Modified from SM 2510 B
DOC (Water, IR)	1	Modified from SM 5310 B
Fluoride (Water, Auto/ISE)	1	Modified from SM 4500-F A and 4500-F C
Hardness (Water, Calculation Only)	1	SM 2340 B
Ion Balance (Water, Calculation)	1	Modified from SM1030 E
Metals Scan (Water, ICP/MS)	1	Modified from EPA 200.8
Metals Scan (Water, ICP/OES)	1	Modified from SM 3120 B
Nitrate (Water, IC)	1	Modified from SM 4110 B and C
Nitrite (Water, IC)	1	Modified from SM 4110 B and C
pH (25°C) (Water, Automated)	1	Modified from SM 4500-H+ B
Phenols (Water, Colorimetry)	1	Modified from EPA 420.2
Sulphate (Water, IC)	1	Modified from SM 4110 B and C
Sulphide (Water, Colorimetry)	1	Modified from SM 4500-S2 D
Tannin and Lignin (Water, Spec)	1	Modified from SM 5550 B
TDS (Estimated)	1	Modified from SM 2510 A
Total Kjeldahl Nitrogen (Water, Colorimetry)	1	Modified from EPA 351.2
Turbidity (Water, Turbidimeter)	1	Modified from SM 2130 B

#### Criteria :

A: Ontario Regulation 169/03 (Non-Regulated Drinking Water)

#### Sample status upon receipt :

8063467

### Compliant

#### **Certificate Comments :**

#### 8063467

Anions and S2- MRL increase due to matrix interference. Hg and Ag spike not available due to matrix interference in the mother sample.

#### Notes :

- All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise stated.
- Eurofins Environment Testing Canada Inc. is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at https://directory.cala.ca/
- Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline or regulatory limits listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official guideline or regulation as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

RL : Reporting limit       N/A : Not applicable       * : Analysis conducted by extern         QC : Reference material (QC)       1 : Results in annex       ^ : Analysis not accredited	rnal subcontracting



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#### **OFFICIAL CERTIFICATE OF ANALYSIS - EXCEEDENCE SUMMARY**

#### Client : Kollaard Associates Inc. 040700 .

Project : 240	)728				Rece	ption Date : :	2024-09-
Eurofins	Client Sample	A	Desult	11		Exceeded Cri	teria
Sample No	Identification	Analyte	Result	Units	A	В	С
Chloride (Wate	er, IC)						
8063467	2742 Dubrobin Rd	Chloride	1220	mg/L	250		
Colour, Appare	ent (Water, Spectrophotor	metry)					
8063467	2742 Dubrobin Rd	Colour (Apparent)	16	TCU	5		
Hardness (Wat	ter, Calculation Only)						
8063467	2742 Dubrobin Rd	Hardness as CaCO3 (Calculation)	966	mg/L	80-100		
Metals Scan (V	Vater, ICP/MS)						
8063467	2742 Dubrobin Rd	Barium	1.76	mg/L	1		
8063467	2742 Dubrobin Rd	Iron	31.0	mg/L	0.3		
8063467	2742 Dubrobin Rd	Manganese	1.02	mg/L	0.05		
Metals Scan (V	Vater, ICP/OES)						
8063467	2742 Dubrobin Rd	Sodium	504	mg/L	200		
Nitrite (Water,	IC)						
8063467	2742 Dubrobin Rd	Nitrite (as Nitrogen)	<2.0	mg/L	1.0		
TDS (Estimate	d)						
8063467	2742 Dubrobin Rd	TDS (Estimated)^	2650	mg/L	500		
Turbidity (Wate	er, Turbidimeter)						
8063467	2742 Dubrobin Rd	Turbidity	>100	NTU	5		



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### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

			E	Eurofins S	Sample No :	8063467	
					Matrix :	Drinking water	
				Sam	pling Date :	2024-09-26	
			Client S	ample Ide	entification :	2742	
Anions				Criteria		Dubrobin Rd	
	RL	Unit	A	В	С		
Chloride	0.5	mg/L	250			1220	
Nitrate (as Nitrogen)	0.1	mg/L	10.0			<2.0	
Nitrite (as Nitrogen)	0.1	mg/L	1.0			<2.0	
Sulphate	1	mg/L	500			87	
	Jurofina	Sample No :	806346	7			
		Matrix :	Drinking				
		Wattix .	water				
	San	npling Date :	2024-09-	26			
Client S		entification :	2742				
	•		Dubrobin	Rd			
Calculations	RL	Unit					
Ion Balance (Calculation)^	0.1		1.00				
			E	Eurofins S	Sample No :	8063467	
			_		Matrix :	Drinking	
					Matrix .	water	
				Sam	pling Date :	2024-09-26	
			Client S	ample Ide	entification :	2742	
General Chemistry				Criteria		Dubrobin Rd	
	RL	Unit	A	в	С		
Alkalinity (as CaCO3)	5	mg/L	500			270	
Colour (Apparent)	2	TCU	5			16	
Colour (True)	2	TCU				<2	
Conductivity @ 25°C	5	μS/cm				4080	
Dissolved Organic Carbon	0.5	mg/L	5			2.7	
Fluoride	0.1	mg/L	1.5			0.38	
Hardness as CaCO3 (Calculation)	1	mg/L	80-100			966	
pH @ 25°C	1		6.5-8.5			7.48	
Phenols-4AAP	0.001	mg/L				<0.001	
Sulphide (S2-)	0.05	mg/L	0.05			<0.05	
Tannin and Lignin	0.1	mg/L				0.3	
TDS (Estimated)^	5	mg/L	500			2650	
Turbidity	0.1	NTU	5			>100	

Reception Date: 2024-09-26



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### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

Reception Date: 2024-09-26

			E	urofins Sample	e No :	8063467	
				Μ	latrix :	Drinking water	
				Sampling	Date :	2024-09-26	
			Client Sa	ample Identifica	ation :	2742	
Metals				Criteria			
	RL	Unit	A		С		
Metals Scan (Water, ICP/MS)							
Aluminum	0.01	mg/L	0.1			<0.01	
Antimony	0.0005	mg/L	0.006			<0.0005	
Arsenic	0.001	mg/L	0.01			<0.001	
Barium	0.001	mg/L	1			1.76	
Beryllium	0.0005	mg/L				<0.0005	
Boron	0.01	mg/L	5			0.03	
Cadmium	0.0001	mg/L	0.005			<0.0001	
Chromium	0.001	mg/L	0.05			<0.001	
Cobalt	0.0002	mg/L				<0.0002	
Copper	0.001	mg/L	1			<0.001	
Iron	0.03	mg/L	0.3			31.0	
Lead	0.001	mg/L	0.01			<0.001	
Manganese	0.01	mg/L	0.05			1.02	
Mercury	0.0001	mg/L	0.001			<0.0001	
Molybdenum	0.005	mg/L				<0.005	
Nickel	0.005	mg/L				<0.005	
Selenium	0.001	mg/L	0.05			<0.001	
Silver	0.0001	mg/L				<0.0001	
Strontium	0.001	mg/L				1.16	
Thallium	0.0001	mg/L				<0.0001	
Uranium	0.001	mg/L	0.02			<0.001	
Vanadium	0.001	mg/L				<0.001	
Zinc	0.01	mg/L	5			<0.01	
Metals Scan (Water, ICP/OES)							
Calcium	1	mg/L				245	
Magnesium	1	mg/L				86	
Potassium	1	mg/L				14	
Sodium	1	mg/L	200			504	
	Eurofins S	ample No :	8063467				
	Euronina e	Matrix :	Drinking				
		maan.	water				
	Sam	pling Date :	2024-09-2	26			
	Client Sample Ide	entification :	2742 Dubrobin F	Rd			
Nutrients	RL	Unit	2 00,00111				
Ammonia (Total, as Nitrogen)	0.02	mg/L	0.167				
Total Kjeldahl Nitrogen	0.1	mg/L	0.500				



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#### **OFFICIAL CERTIFICATE OF ANALYSIS - RESULTS**

Client : Kollaard Associates Inc. Project : 240728

Reception Date: 2024-09-26

				Eurofins Sa	ample No :	8063467	
					Matrix :	Drinking water	
				Samp	ling Date :	2024-09-26	
		Client Sample Identification :					
Volatile Organic Compounds				Criteria		Dubrobin Rd	
	RL	Unit	Α	В	С		
BTEX (Water, GC/MS)							
Benzene	0.5	ug/L	1			<0.5	
Ethylbenzene	0.5	ug/L	140			<0.5	
m/p-Xylene	0.4	ug/L				<0.4	
o-Xylene	0.4	ug/L				<0.4	
Toluene	0.4	ug/L	60			<0.4	
Xylene (Total)	0.5	ug/L	90			<0.5	
Toluene-d8 (surrogate)	0	%				81	

Approved by :

Emma-Dawn Ferguson, M.Sc. Environmental Chemist

www.eurofins.ca

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4105085-V1



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### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

				G	C	Matrix	Spike	Dup	icate
Parameter	Unit	RL	Blank		Range %	Recovery %		RPD %	Range %
Alkalinity (Water, Automated)									
	thod : Alkalinity (water, tit		-			-WI45398.		0	0.00
Alkalinity (as CaCO3)	mg/L	5	<5	98	95-105			0	0-20
	Associated	I Samples : 8	063467					Prep Date	: 2024-09-2 : 2024-09-3
Ammonia, Total (Water, Colorimetry)								,	
	Method : Ammonia (\	Nater, Colorii	metry). Interna	al method: OTT	-I-NUT-WI462	201.			
Ammonia (Total, as Nitrogen)	mg/L	0.02	<0.020	112	80-120	112	80-120	-	0-20
	Associated	I Samples : 8	063467						2024-09-2
							1	Analysis Date	2024-10-0
BTEX (Water, GC/MS)									
	Method : Volatile Organi						70,400		0.00
Benzene	ug/L	0.5	<0.5	92	70-130	74	70-130	-	0-30
Ethylbenzene	ug/L	0.5	<0.5	84	70-130	80	70-130	-	0-30
m/p-Xylene	ug/L	0.4	<0.4	89 85	70-130 70-130	82 83	70-130 70-130	-	0-30
o-Xylene Toluene	ug/L ug/L	0.4	<0.4	90	70-130	03 74	70-130	-	0-30
Xylene (Total)	ug/L	0.4	<0.4	30	70-100	74	-	-	
Aylene (Total)	-	I Samples : 8					_	Pren Date	: 2024-09-3
	100001400	Complete : C					/	Analysis Date:	
Chloride (Water, IC)									
	Method : Anions (Wate	er, Ion Chrom	atography). Int	ernal method:	OTT-I-IC-WI4	5985.			
Chloride	mg/L	0.5	<0.5	92	80-120	94	80-120	-	0-20
	Associated	I Samples : 8	063467						: 2024-09-3
								Analysis Date	2024-10-0
Colour, Apparent (Water, Spectrophoto	• ·		, ,,			15000			
Colour (Apparent)	Method : Colour (Water, TCU	Spectrophot	ometric). Interr <2	89	39-159	45980.		12	0-40
		Z I Samples : 8		09	39-139				: 2024-10-0
	Associated	i oampies . o	000407				1	Analysis Date:	
Colour, True (Water, Spectrophotometr	<b>'V</b> )								
	Method : Colour (Water,	Spectrophot	tometric). Interr	nal method: OT	TT-I-SPEC-WI	45980.			
Colour (True)	TCU	2	<2	89	39-159			-	0-40
	Associated	I Samples : 8	063467						: 2024-10-0
								Analysis Date	. 2024-10-0
Conductivity (Water, Automated)									
	Method : Conductivit					398.			
Conductivity @ 25°C	uS/cm	5	<5	101	98-102			Dese Dete	0004.00.0
	Associated	I Samples : 8	063467					Analysis Date	: 2024-09-2 : 2024-09-3
DOC (Water, IR)								,	
	d : Organic carbon (wate	r, IR, combus	stion). Internal i	method:	OTT-I-D	EM-WI46148			
Dissolved Organic Carbon	mg/L	0.5	<0.5	100	84-116	85	80-120	-	0-15
	-	I Samples : 8	063467						: 2024-09-3
								Analysis Date	2024-10-0
Fluoride (Water, Auto/ISE)									
A.(	thod : Fluoride by autotitr	rator, ion sele	ective electrode	. Internal meth	od: OTT-I-AT	-WI45398.			
Fluoride	mg/L	0.1	<0.10	99	90-110				



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#### **OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL**

#### Client : Kollaard Associates Inc.

Parameter	Unit	RL	Blank	Q		Matrix			licate
	0		Biant	Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Metals Scan (Water, ICP/MS)									
		•	,	al method: AMN			70-130		0.00
Aluminum	mg/L	0.01	<0.01	100	80-120	-		-	0-20
Antimony	mg/L	0.0005	< 0.0005	84	80-120	89	70-130	-	0-20
Arsenic	mg/L	0.001	< 0.001	96	80-120	105	70-130	-	0-20
Barium	mg/L	0.001	<0.001	90	80-120	98	70-130	-	0-20
Beryllium	mg/L	0.0005	< 0.0005	104	80-120	116	70-130	-	0-20
Boron	mg/L	0.01	< 0.01	100	80-120	109	70-130	-	0-20
Cadmium	mg/L	0.0001	< 0.0001	100	80-120	96	70-130	-	0-20
Chromium	mg/L	0.001	< 0.001	100	80-120	107	70-130	-	0-20
Cobalt	mg/L	0.0002	< 0.0002	100	80-120	97	70-130	-	0-20
Copper	mg/L	0.001	<0.001	100	80-120	89	70-130	0	0-20
Iron	mg/L	0.03	< 0.03	100	80-120	102	70-130	-	0-20
Lead	mg/L	0.001	<0.001	100	80-120	86	70-130	-	0-20
Manganese	mg/L	0.01	<0.01	100	80-120	100	70-130	-	0-20
Mercury	mg/L	0.0001	<0.0001	107	80-120			-	0-20
Molybdenum	mg/L	0.005	<0.005	90	80-120	101	70-130	-	0-20
Nickel	mg/L	0.005	<0.005	100	80-120	99	70-130	-	0-20
Selenium	mg/L	0.001	<0.001	95	80-120	94	70-130	-	0-20
Silver	mg/L	0.0001	<0.0001	85	80-120			-	0-20
Strontium	mg/L	0.001	<0.001	90	80-120	96	70-130	0	0-20
Thallium	mg/L	0.0001	<0.0001	101	80-120	85	70-130	-	0-20
Uranium	mg/L	0.001	<0.001	90	80-120	91	70-130	-	0-20
Vanadium	mg/L	0.001	<0.001	100	80-120	109	70-130	-	0-20
Zinc	mg/L	0.01	<0.01	100	80-120	87	70-130	-	0-20
	Associated	d Samples : 80	063467				A	Prep Date nalysis Date	: 2024-09-30 : 2024-10-01
Metals Scan (Water, ICP/OES)									
Quelei una	Method : Metals (	-	,				70.400	4	0.00
Calcium	mg/L	1	<1	101	86-115	78	70-130	1	0-20
Magnesium	mg/L	1	<1	98	91-109	107	70-130	1	0-20
Potassium	mg/L	1	<1	110	87-113	112	70-130	-	0-20
Sodium	mg/L	1	<1	107	85-115	108	70-130	0	0-20
	Associated	d Samples : 80	063467				A	Prep Date nalysis Date	: 2024-10-02 : 2024-09-26
Nitrate (Water, IC)									
	Method : Anions (Wate						00,400		0.00
Nitrate (as Nitrogen)	mg/L	0.1	<0.1	96	80-120	99	80-120	-	0-20
	Associated	d Samples : 80	)63467				A	Prep Date nalysis Date	: 2024-09-30 : 2024-10-01
Nitrite (Water, IC)									
	Method : Anions (Wate	er, Ion Chroma	atography). Int	ernal method: C	DTT-I-IC-WI₄	15985.			
Nitrite (as Nitrogen)	mg/L	0.1	<0.1	97	80-120				
	Associated	d Samples : 80	063467				Д	Prep Date nalysis Date.	: 2024-09-30 : 2024-10-01
pH (25°C) (Water, Automated)	Mathedical Advis	r Automatad	Motor) Interne	mothed OTT	LATINUAS				
24 @ 25°C	Method : pH (Wate	r, Automated	Meter). Interna 5.75			90.		0	0-20
pH @ 25°C		1	5.75	99	97-103			U	0-20

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4105085-V1

Analysis Date: 2024-09-30



146 Colonnade Rd, Unit 8, Ottawa, ON K2E 7Y1 (613) 727-5692

### OFFICIAL CERTIFICATE OF ANALYSIS - QUALITY CONTROL

Project : 240728							Песери	on Date: 20	124-03-20
Demonstern	Unit	RL	Blank	QC		Matrix S		Dupli	
Parameter	Offic	INL	Dialik	Recovery %	Range %	Recovery %	Range %	RPD %	Range %
Phenols (Water, Colorimetry)									
	Method : Phenols (V		• ·						
Phenols-4AAP	mg/L	0.001	<0.001	114	75-125	118	70-130	-	0-20
	Associate	d Samples : 8	063467				٨	Prep Date: Analysis Date:	2024-09-27 2024-09-27
Sulphate (Water, IC)									
	Method : Anions (Wate	er, Ion Chrom	atography). In	ternal method: C	TT-I-IC-WI4	5985.			
Sulphate	mg/L	1	<1	90	90-110	92	80-120	1	0-20
	Associate	d Samples : 8	063467				Δ	Prep Date: Analysis Date:	2024-09-30 2024-10-01
Sulphide (Water, Colorimetry)									
	Method : Sulphide, S2-	(Water, Color	rimetry). Interi	nal method: OTT	-I-SPEC-WI	45931.			
Sulphide (S2-)	mg/L	0.01	<0.01	100	80-120			-	0-20
	Associate	d Samples : 8	063467				A	Prep Date: Analysis Date:	2024-10-03 2024-10-03
Tannin and Lignin (Water, Spec)									
	Method : Tannin and I	Lignin (Water,	Spec), Interna	al method: OTT-l	-SPEC-WI5	7693.			
Tannin and Lignin	mg/L	0.1	<0.1	92	80-120			-	0-20
	Associate	d Samples : 8	063467				A	Prep Date: Analysis Date:	2024-09-30 2024-09-30
Total Kjeldahl Nitrogen (Water, Colorime	etry)								
	Method : TKN (W	/ater, colorime	try). Internal n	nethod: OTT-I-N	UT-WI46201	1.			
Total Kjeldahl Nitrogen	mg/L	0.1	<0.100	98	70-130	111	70-130	3	0-20
	Associate	d Samples : 8	063467				Δ	Prep Date: Analysis Date:	2024-09-27 2024-09-29
Turbidity (Water, Turbidimeter)									
	Method : Turbidity (	Nater, Turbidii	meter). Interna	al method: OTT-I	-TUR-WI46	288.			
Turbidity	NTU	0.1	<0.1	102	80-120			-	0-30
	Associate	d Samples : 8	063467				A	Prep Date: Analysis Date:	2024-09-27

Where RPD % is reported as "-" the calculation is not available because one or both of the duplicates is within 5 times the RL.

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### DRINKING WATER CHAIN-OF-CUSTODY

146 Colonnade Road, Unit #8, Ottawa, ON, K2E 7Y1 - Phone: 613-727-5692, Fax: 613-727-5222

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CL	IENT INFORMATION	4		j;	8					ja S	WATE	RWOF	KS INFOR	RMATIO	3	<b>F</b> / 118 PT-	100315899
mpany Kollaard Associates Inc.	an i bu	8	l	a 1		12	Waterworks Name:		۰.				i.	12 H	1		
ontact: Colleen Vermeersch	·		12	-	-		Waterworks #:										
Idress: 210 Prescott St, Kemptville, C	On KOG 1J0						Contäct:				4		· ·		Print	ted On :	2024-09-26 15:2
tephone: 613-860-0923 ext230	Fax		(* 1-6)	110 (110)			Address:				_				<u> </u>		
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REGULAT	TON/GUIDELINE RE	QUIRE	D			- 54	1. (1993) }			`∗ דו	JRN-AR	OUND	TIME (Bi	usiness C	ays)	Principal Sector	
0. Reg 170 0. Reg 170 15.1 0. Reg 318/319 0. Reg 243		Ľ.	Private W Other:	(el)		None	1 Day <sup>e</sup> (10 Please contact the labora posticides may take up to	tory in ad-	ance to de	2 Day**	ush avallab	ility, Surch	3-5 Days (25) urges may app about TAT poli	ly to rush ser	8	rs (Standard nat some tes	l) ts (l.e. O. Reg. 170 Schedule 24
				<u> </u>	Samp	le Details	posteries may take up o				Analysis				Measu	ements	
e optimal temperature conditions during transpor mple(s) cannot be frozen. Note that for drinking w ceedances will be reported where (and how) the quires. The COC must be complete upon submission here will be a \$25 surcharge if required info equired fields are shaded in grey).	vater samples, all application legislation of the samples, irmation is missing	Sample Type Code (see below)	Resample? Y = Yes N = No	MOE/MOH Reportable? Y = Yeş N = No	# of Containers	SPL Code/Watertrax	Sample Location	Subdivision parameters (except bacteria)		Kollaard Special Metals	втех			Total Chlorine	Free Chlorine	Field Turbidity	Sample RN# (Lab Use Only)
Sample ID 2742 Dunrobin rd	Date/Time Collected	<del>ខ្ល</del> PW	Ň	∑ ≻ N	8		(i.e. Kitchen, POE) wellhead	03	1	1			, [		-	-	8063467
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· · · · · · · · · · · · · · · · · · ·				25.55		<u> </u>					<u>  </u>	<u></u>	<u> '</u>   				
ample Type Codes for Drinking Water: RW	GPaul Mator TM - Tre		ater at l	Point of	Entry 1	to distribution	TW-NT ≓ Untreate	d Wate	at Poir	nt of En	try to di	n tributio	n, DW = D	lístributio	1, RP = R	esidentia	Plumbing; NRP = Non-
esidential Plumbing, S = Standing, F = Flush	ed, PW = Private Well																
PRINT				SIGN			DATE/	TIME		14. 15	TEMP (*	cì	COMMENT	S:			
mpled By: Katie Linton				· · · · ·		<u></u>											
elinguished By:											71						

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### **Ryznar Stability Index**

 $RSI = 2(pH_s) - pH$ 

RSI  $<< 6 \rightarrow$  the scale tendency increases as the index decreases RSI >> 7  $\rightarrow$  the calcium carbonate formation probably does not lead to a protective corrosion inhibitor film

RSI >> 8  $\rightarrow$  mild steel corrosion becomes an increasing problem

### **Langelier Saturation Index**

 $LSI = pH - pH_s$ 

If LSI is negative  $\rightarrow$  no potential to scale, the water will dissolve CaCO<sub>3</sub>

If LSI is positive  $\rightarrow$  scale can form and CaCO<sub>3</sub> precipitation may occur

If LSI is close to zero  $\rightarrow$  borderline scale potential, water quality or temperature change or evaporation could change the index

where pH measured from sample

 $pH_s = pH$  at saturation in calcite or calcium carbonate

$$pH_{s} = (9.3 + A + B) - (C + D)$$

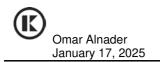
$$A = \frac{\log_{10}[TDS] - 1}{10}$$

$$B = -13.12 \times \log_{10}(^{\circ}C + 273) + 34.55$$

$$C = \log_{10}[Ca^{2+}asCaCO_{3}] - 0.4$$

$$D = \log_{10}[alkalinityasCaCO_{3}]$$

	TW1-3hr	TW1-6hr	TW1 - Sept 26, 2024
рН	7.68	7.69	7.48
hardness [mg/l as CaCo <sub>3</sub> ]	1020	1000	966
Alkalinity [mg/l as CaCo3]	307	304	270
total dissolved solids [mg/l]	2640	2630	2650
temperature (°C)	17	17	15
$\rightarrow \rightarrow$ RSI	5.70	5.71	6.14
$\rightarrow \rightarrow$ LSI	0.99	0.99	0.67



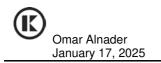
### ATTACHMENT D

### SEWAGE EFFLUENT DILUTION CALCULATIONS AND CLIMATE DATA

### SEPTIC EFFLUENT DILUTION CALCULATIONS

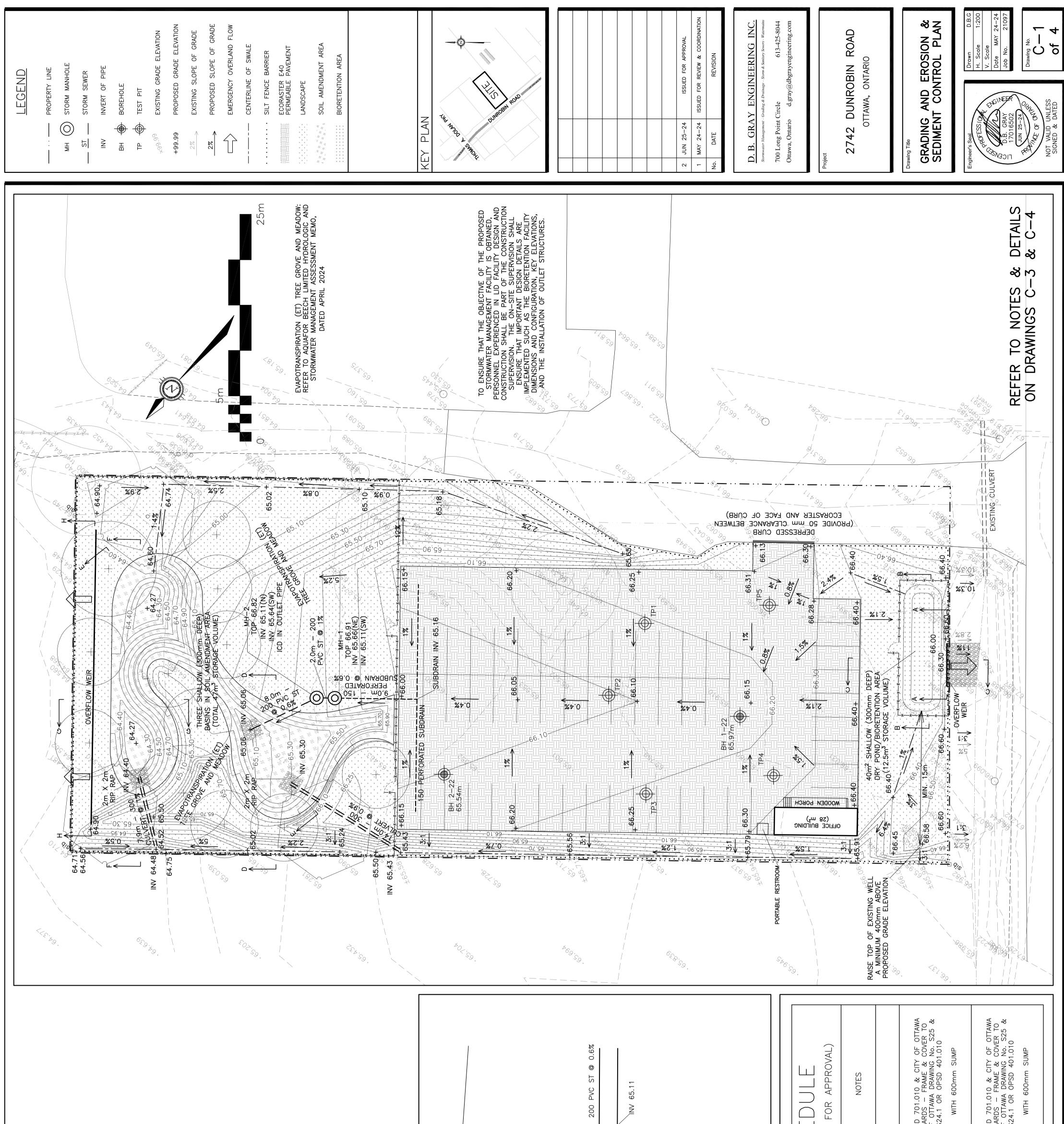
Number of Lots Gross Site Area Env. Can. Water Surplus (NPI-silty clay)	1 4021 m <sup>2</sup> 312.4 mm			
Hard Surface Area (Post-Development)				
Roofs Permeable Parking Lot (asphalt, 0.9 factor) Total	28 <u>1332</u> 1360 m <sup>2</sup>			
Net Infiltration Area = Gross Site Area - Hard Surface	Area (Post-Development) 2661 m <sup>2</sup>			
Maximum annual sewage flow	82 m <sup>3</sup> /year			
Infiltration Reduction Factor:				
Topography (Rolling) Soil (Tight impervious clay) <u>Cover (cultivated)</u> Total IRF	0.20 0.10 <u>0.10</u> 0.40			
Treated Effluent Nitrate Level	40 mg/L			
Volume of Effluent Per Yea		_ =	7.9	mg/L NO <sub>3</sub> -N

Number of Lots x Volume Effluent Per Year + (Net Infiltration Area x NPI x IRF)



ATTACHMENT E

SITE PLAN (PROVIDED BY OTHERS)



TOP 66.82

TOP 66.91

					TO OPSD STANDAF CITY OF S2	TO OPSD STANDAF CITY OF S2	
AMH-2 AMH-2 MH-2 WATER ELEV: 65.66 MV 65.64 INV 65.64 ICD IN OUTLET PIPE HYDROVEX SVHV-125 8.8 L/s @ 0.55m	DETAIL	LE 0	INVERT AT OUTLET		65.66(NE)	65.11(N)	
	MH-2	MANHOLE asins & manholes	INVERT AT INLET	SEWER	65.11(SW)	65.64(SW)	
200 P 2-YEAR STORAGE WATER ELEV: 65.66 65.11 65.11	ANHOLES MH-1 & N.T.S.	SIN &	TYPE	STORM	PRECAST CONCRETE MANHOLE	PRECAST CONCRETE MANHOLE	
	MANF	ATCH BA shop drawings	SIZE		1200mm	1200mm	
FORATED 0.6% DARKING BDRAIN)		CA <sup>-</sup> (submit sh	ТОР	-	66.91	66.82	
150 PERFORATED SUBDRAIN © 0.6% (CONNECT TO PARKING LOT SUBDRAIN)		S)	REF		MH-1	MH-2	