



Record of site condition
Under Part XV.1 of the *Environmental Protection Act*

Summary

Confirmation number of submitted record of site condition	44602904
Status	Submitted
Date submitted (yyyy/mm/dd)	2020/09/18
Certification date (yyyy/mm/dd)	2019/11/14
Current property use	Residential
Intended property use	Residential
Certificate of property use number	8362-BQGQ8E
Applicable site condition standards	Full depth generic site condition standards, Potable ground water, Coarse textured soil for Residential property use with risk assessment
Property legal description	See attached lawyer's letter
Property municipal address	17 SOPHIA STREET EAST BARRIE, ONTARIO L4M 1Y1 3 MCDONALD STREET BARRIE, ONTARIO L4M 1N8 5 MCDONALD STREET BARRIE, ONTARIO L4M 1N8 7 MCDONALD STREET BARRIE, ONTARIO L4M 1N8 11 MCDONALD STREET BARRIE, ONTARIO L4M 1N8

Notice to readers concerning due diligence

This record of site condition has been filed in the Environmental Site Registry to which the public has access and which contains a notice advising users of the Environmental Site Registry who have dealings with any property to consider conducting their own due diligence with respect to the environmental condition of the property, in addition to reviewing information in the Environmental Site Registry.

Contents of this record of site condition

This record of site condition (RSC) consists of this document which is available to be printed directly from the Environmental Site Registry as well as all supporting documentation indicated in this record of site condition to have been submitted in electronic format to the Ministry of the Environment, Conservation and Parks.

Part 1: Property Ownership, Property Information and Owner's Certifications

Information about the owner who is submitting or authorizing the submission of the record of site condition

Owner name	1758601 ONTARIO INC.
Owner type	Firm, corporation or partnership
Authorized person	ROBERT ANDERSON
Mailing address	1, 35 TUDHOPE STREET, PARRY SOUND Ontario, Canada
Postal Code	P2A 2H9
Phone	(705) 746-2904
Fax	
Email address	robertanderson746@gmail.com

Record of site condition property location information

Municipal address(es)	17 SOPHIA STREET EAST, BARRIE, ON L4M 1Y1 3 MCDONALD STREET, BARRIE, ON L4M 1N8 5 MCDONALD STREET, BARRIE, ON L4M 1N8 7 MCDONALD STREET, BARRIE, ON L4M 1N8 11 MCDONALD STREET, BARRIE, ON L4M 1N8
Municipality	Barrie
Legal description	See attached Lawyer's letter
Assessment roll number(s)	434202201005300 434202201005400 434202201005500 434202201005600 434202201005700
Property identifier number(s)	58817-0015 (LT) 58817-0016 (LT) 58817-0017 (LT) 58817-0020 (LT) 58817-0021 (LT) 58817-0389 (LT) 58817-0390 (LT)

Record of site condition property geographical references

Coordinate system	UTM
Datum	NAD 83
Zone	17
Easting	604,272.00
Northing	4,916,280.00

Record of site condition property use information

The following types of property uses are defined by the Regulation: Agricultural or other use, Commercial use, Community use, Industrial use, Institutional use, Parkland use, and Residential use.

Current property use	Residential
Intended property use	Residential
Certificate of property use has been issued under section 168.6 of the Environmental Protection Act	Yes
Certificate of property use number	8362-BQGQ8E

**Please see the signed statements of property owner, or agent,
or receiver at the end of this record of site condition**

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Part 2: List of reports, summary of site conditions and qualified person's statements and certifications

Qualified person's information

Name	DAVID KETCHESON
Type of licence under Professional Engineers Act	Licence
Licence number	23548803
Qualified person's employer name	AZIMUTH ENVIRONMENTAL CONSULTING, INC.
Mailing address	642 WELHAM, BARRIE Ontario, L4N 9A0 Canada
Phone	(705) 721-8451
Fax	(705) 721-8926
Email address	david@azimuthenvironmental.com

Municipal information

Local or single-tier municipality	Barrie
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Ministry of the Environment, Conservation and Parks District Office

District office	Barrie District Office
District office address	54 Cedar Pointe Dr., Unit 1203, Barrie ON L4N 5R7

Phase one environmental site assessment report

Document used as the phase one environmental site assessment report and updates in submitting the record of site condition for filing

The date the last work on all of the records review, interviews and site reconnaissance components of the phase one environmental site assessment was done (refer to clause 28(1) (a) of O. Reg. 153/04)	(yyyy/mm/dd) 2020-04-02
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Type of report	Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Phase one environmental site assessment	Phase One Environmental Site Assessment, 17 Sophia Street East, Barrie, ON	2017-01-09	David Ketcheson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.
Update to phase one environmental site assessment	Phase One Environmental Site Assessment, 17 Sophia Street East, Barrie, ON	2020-04-03	Gray Taylor & David Ketcheson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.

Reports and other documents related to the phase one environmental site assessment

Reports and other documents relied upon in certifying the information set out in section 10 of Schedule A or otherwise used in conducting the phase one environmental site assessment

Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Analytical Results Summary	2015-08-07	Jennifer Thompson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.
Drilling and Sampling Program Results	2016-02-29	Jennifer Thompson & David Ketcheson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.

Phase two environmental site assessment report

Document used as the phase two environmental site assessment report and updates in submitting the record of site condition for filing

The date the last work on all of the planning of the site investigation and conducting the site investigation components of the phase two environmental site assessment was done (refer to clause 33.5(1)(a) of O. Reg. 153/04)	(yyyy/mm/dd) 2019-11-14
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Type of report	Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Phase two environmental site assessment	Phase Two Environmental Site Assessment, 17 Sophia Street East, Barrie, ON	2017-05-22	Ian Acheson & David Ketcheson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.
Update to phase two environmental site assessment	Phase Two Environmental Site Assessment, 17 Sophia Street East, Barrie, ON	2020-01-17	Ian Acheson & David Ketcheson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.

Reports and other documents related to the phase two environmental site assessment

Reports and other documents relied upon in making any certifications in the record of site condition for the purposes of Part IV of Schedule A or otherwise used in conducting the phase two environmental site assessment

Report title	Date of report (yyyy/mm/dd)	Author of report	Name of consulting company
Analytical Results Summary	2015-08-07	Jennifer Thompson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.
Drilling and Sampling Program Results	2016-02-29	Jennifer Thompson & David Ketcheson	AZIMUTH ENVIRONMENTAL CONSULTING, INC.

Environmental condition

Section 41 applies?	No
Section 43.1 applies?	No

Site condition information

Certification date (yyyy/mm/dd)	2019/11/14
Total area of record of site condition property (in hectares)	0.24374
Number of any previously filed record of site condition that applies to any part of the record of site condition property	
Number of any previously filed transition notice that applies to any part of the record of site condition property	
Soil texture	Coarse
Assessment/restoration approach	Full depth generic
Site investigation includes the investigation, sampling and analysis of ground water?	Yes
Is there soil present that is sufficient to investigate, sample and analyze soil on, in or under the property in accordance with s. 6, Schedule E of O.Reg. 153/04?	Yes
Site investigation includes the investigation, sampling and analysis of soil on, in or under the property which is used in the record of site condition?	Yes
Name of the laboratory used to analyze any samples collected of soil, ground water or sediment	AGAT LABORATORIES
Ground water condition (potable, non-potable)	Potable
Applicable site condition standard	TABLE 2

Risk assessment information

A risk assessment has been prepared and accepted by the Director in support of this record of site condition?	Yes
Risk assessment identification number	6648-AUUMA3
Risk assessment was a site specific risk assessment completed and approved in accordance with the Cleanup Guideline 1996?	No

Table 1 – Maximum contaminant concentrations compared to applicable site condition standards

Measured concentration for contaminants in soil

Contaminant name		Maximum concentration		Applicable site condition	Unit of measure
1	Acetone	<	0.5	16	µg/g
2	Bromomethane	<	0.05	0.05	µg/g
3	Carbon Tetrachloride	<	0.05	0.05	µg/g
4	Chlorobenzene	<	0.05	2.4	µg/g
5	Chloroform	<	0.04	0.05	µg/g
6	Dichlorobenzene, 1,2-	<	0.05	1.2	µg/g
7	Dichlorobenzene, 1,3-	<	0.05	4.8	µg/g
8	Dichlorobenzene, 1,4-	<	0.05	0.083	µg/g
9	Dichlorodifluoromethane	<	0.05	16	µg/g
10	Dichloroethane, 1,1-	<	0.02	0.47	µg/g
11	Dichloroethane, 1,2-	<	0.03	0.05	µg/g
12	Dichloroethylene, 1,1-	<	0.05	0.05	µg/g
13	Dichloroethylene, 1,2-cis-	<	0.02	1.9	µg/g
14	Dichloroethylene, 1,2-trans-	<	0.05	0.084	µg/g
15	Dichloropropane, 1,2-	<	0.03	0.05	µg/g
16	Dichloropropene,1,3-	<	0.04	0.05	µg/g
17	Ethylene dibromide	<	0.04	0.05	µg/g
18	Hexane (n)	<	0.05	2.8	µg/g
19	Methyl Ethyl Ketone	<	0.5	16	µg/g
20	Methyl Isobutyl Ketone	<	0.5	1.7	µg/g
21	Methyl tert-Butyl Ether (MTBE)	<	0.05	0.75	µg/g
22	Methylene Chloride	<	0.05	0.1	µg/g
23	Styrene	<	0.05	0.7	µg/g
24	Tetrachloroethane, 1,1,1,2-	<	0.04	0.058	µg/g
25	Tetrachloroethane, 1,1,2,2-	<	0.05	0.05	µg/g
26	Tetrachloroethylene	<	0.05	0.28	µg/g
27	Trichloroethane, 1,1,1-	<	0.05	0.38	µg/g
28	Trichloroethane, 1,1,2-	<	0.04	0.05	µg/g
29	Trichloroethylene	<	0.03	0.061	µg/g
30	Trichlorofluoromethane	<	0.05	4	µg/g
31	Vinyl Chloride	<	0.02	0.02	µg/g
32	Bromodichloromethane	<	0.05	1.5	µg/g
33	Bromoform	<	0.05	0.27	µg/g
34	Dibromochloromethane	<	0.05	2.3	µg/g
35	Antimony	<	0.8	7.5	µg/g

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Table 1 – Maximum contaminant concentrations compared to applicable site condition standards

Measured concentration for contaminants in soil

Continued from previous page....

Contaminant name	Maximum concentration		Applicable site condition	Unit of measure
36 Arsenic	<	1	18	µg/g
37 Selenium	<	0.4	2.4	µg/g
38 Barium		37	390	µg/g
39 Beryllium	<	0.5	4	µg/g
40 Boron (total)	<	5	120	µg/g
41 Cadmium	<	0.5	1.2	µg/g
42 Chromium Total		8	160	µg/g
43 Cobalt		1.8	22	µg/g
44 Copper		3	140	µg/g
45 Lead		2	120	µg/g
46 Molybdenum	<	0.5	6.9	µg/g
47 Nickel		4	100	µg/g
48 Silver	<	0.2	20	µg/g
49 Thallium	<	0.4	1	µg/g
50 Uranium		0.9	23	µg/g
51 Vanadium		18	86	µg/g
52 Zinc		14	340	µg/g
53 Petroleum Hydrocarbons F1****	<	5	55	µg/g
54 Petroleum Hydrocarbons F2	<	10	98	µg/g
55 Petroleum Hydrocarbons F3	<	50	300	µg/g
56 Petroleum Hydrocarbons F4	<	50	2800	µg/g
57 Benzene	<	0.02	0.21	µg/g
58 Ethylbenzene	<	0.05	1.1	µg/g
59 Toluene	<	0.05	2.3	µg/g
60 Xylene Mixture	<	0.05	3.1	µg/g

Table 1 – Maximum contaminant concentrations compared to applicable site condition standards (Continued)

Ground water

Contaminant name		Maximum concentration		Applicable site condition	Unit of measure
1	Acetone		160	2700	µg/L
2	Bromomethane	<	0.2	0.89	µg/L
3	Carbon Tetrachloride	<	0.2	0.79	µg/L
4	Chlorobenzene	<	0.1	30	µg/L
5	Chloroform	<	0.2	2.4	µg/L
6	Dichlorobenzene, 1,2-	<	0.1	3	µg/L
7	Dichlorobenzene, 1,3-	<	0.1	59	µg/L
8	Dichlorobenzene, 1,4-	<	0.1	1	µg/L
9	Dichlorodifluoromethane	<	0.2	590	µg/L
10	Dichloroethane, 1,1-	<	0.3	5	µg/L
11	Dichloroethane, 1,2-	<	0.2	1.6	µg/L
12	Dichloroethylene, 1,1-	<	0.3	1.6	µg/L
13	Dichloroethylene, 1,2-trans-		0.3	1.6	µg/L
14	Dichloropropane, 1,2-	<	0.2	5	µg/L
15	Dichloropropene, 1,3-	<	0.3	0.5	µg/L
16	Ethylene dibromide	<	0.1	0.2	µg/L
17	Hexane (n)		0.4	51	µg/L
18	Methyl Ethyl Ketone	<	1	1800	µg/L
19	Methyl Isobutyl Ketone		1.4	640	µg/L
20	Methyl tert-Butyl Ether (MTBE)	<	0.2	15	µg/L
21	Methylene Chloride	<	0.3	50	µg/L
22	Styrene	<	0.1	5.4	µg/L
23	Tetrachloroethane, 1,1,1,2-	<	0.1	1.1	µg/L
24	Tetrachloroethane, 1,1,2,2-	<	0.1	1	µg/L
25	Trichloroethane, 1,1,1-	<	0.3	200	µg/L
26	Trichloroethane, 1,1,2-	<	0.2	4.7	µg/L
27	Trichlorofluoromethane	<	0.4	150	µg/L
28	Vinyl Chloride	<	0.2	0.5	µg/L
29	Bromodichloromethane	<	0.2	16	µg/L
30	Bromoform	<	0.1	25	µg/L
31	Dibromochloromethane	<	0.1	25	µg/L
32	Antimony		0.6	6	µg/L
33	Arsenic		1.6	25	µg/L
34	Selenium		2.5	10	µg/L
35	Barium		384	1000	µg/L

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Table 1 – Maximum contaminant concentrations compared to applicable site condition standards (Continued)

Ground water

Continued from previous page....

Contaminant name		Maximum concentration		Applicable site condition	Unit of measure
36	Beryllium	<	0.5	4	µg/L
37	Boron (total)		63	5000	µg/L
38	Cadmium	<	0.2	2.7	µg/L
39	Chromium Total		2.9	50	µg/L
40	Cobalt		1.4	3.8	µg/L
41	Copper		1.8	87	µg/L
42	Lead	<	0.5	10	µg/L
43	Molybdenum		2.9	70	µg/L
44	Nickel		6.3	100	µg/L
45	Silver	<	0.2	1.5	µg/L
46	Thallium	<	0.3	2	µg/L
47	Uranium		4.6	20	µg/L
48	Vanadium		3.1	6.2	µg/L
49	Zinc		5.9	1100	µg/L
50	Petroleum Hydrocarbons F1****	<	25	750	µg/L
51	Petroleum Hydrocarbons F2	<	100	150	µg/L
52	Petroleum Hydrocarbons F3		450	500	µg/L
53	Petroleum Hydrocarbons F4	<	100	500	µg/L
54	Benzene	<	0.2	5	µg/L
55	Ethylbenzene		0.2	2.4	µg/L
56	Toluene		7.4	24	µg/L
57	Xylene Mixture		0.3	300	µg/L

See the attached "Table 2. Maximum contaminant concentrations compared to standards specified in a risk assessment" for standards specified in a risk assessment and comparison to maximum concentrations measured on, in or under the record of site condition property.

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Remedial action and mitigation

Remediated soils

Estimated quantities of the soil, if any, originating at and remaining on the record of site condition property that have been remediated, at a location either on or off the property, to reduce the concentration of contaminants in the soil. Indicate the remediation process or processes used and the estimated amount of soil remediated by each identified process.

Soil remediation process	Estimated quantity of soil (in ground-volume in cubic metres)

Description of remediation

Description of any action taken to reduce the concentration of contaminants (including soil removals) on, in or under the record of site condition property.

Soil or sediment removed and not returned

Estimated quantities of soil or sediment, if any, removed from and not returned to the record of site condition property.

Estimated quantity of soil (in ground-volume in cubic metres)	
Estimated quantity of sediment (in ground-volume in cubic metres)	

Soil brought to the property

Estimated quantity of the soil, if any, being brought from another property to and deposited at the record of site condition property, not including any soil that may have originated at but been remediated off the record of site condition property and that is identified in section 28 of Schedule A.

Estimated quantity of soil brought to the property (in ground-volume in cubic metres)	15.0
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Ground water control or treatment measures

Ground water control or treatment measures that were required for the record of site condition property prior to the certification date for the purpose of submitting the record of site condition for filing.

Ground water control or treatment measures that are required for the record of site condition property after the certification date.

Estimated volume of ground water, if any, removed from and not returned to the record of site condition property.

Estimated volume of ground water (in litres)	
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Other activities including risk management measures

Constructed works that prior to the certification date for the purpose of submitting the record of site condition for filing, were required to control or otherwise mitigate the release or movement of known existing contaminants at the record of site condition property.

Constructed works that after the certification date, are required to control or otherwise mitigate the release or movement of known existing contaminants at the record of site condition property.

Monitoring or Maintenance

Soil Management Measures

Soil monitoring requirements or any requirements for care, maintenance or replacement or any monitoring or control works for known existing contaminants, if any, on the record of site condition property, after the certification date.

Ground water management measures

Ground water monitoring requirements or requirements for care, maintenance or replacement of any monitoring or control works or known existing contaminants, if any, on the record of site condition property, after the certification date.

Remediated or removed soil, sediment or ground water from near property boundary

Has any soil, sediment or ground water at the record of site condition property that is or was located within 3 metres of the record of site condition property boundary been remediated or removed for the purpose of remediation?

No

C Qualified person's statements and certifications

As the qualified person, I certify that:

☒ A phase one environmental site assessment of the record of site condition property, which includes the evaluation of the information gathered from a records review, site reconnaissance, interviews, a report and any updates required, has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.

☒ A phase two environmental site assessment of the record of site condition property, which includes the evaluation of the information gathered from planning and conducting a site investigation, a report, and any updates required, has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.

☒ The information represents the site conditions at the sampling points at the time of sampling only and the conditions between and beyond the sampling points may vary.

As of 2019/11/14, in my opinion, based on the phase one environmental site assessment and the phase two environmental site assessment, and any confirmatory sampling, there is no evidence of any ☒ contaminants in the soil, ground water or sediment on, in or under the record of site condition property that would interfere with the type of property use to which the record of site condition property will be put, as specified in the record of site condition.

☒ Ground water sampling has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.

As of 2019/11/14, in my opinion, based on the phase one and phase two environmental site assessments and any confirmatory sampling, the record of site condition property meets the applicable full depth ☒ generic site condition standards prescribed by section 36 of the regulation for all contaminants prescribed by the regulation in relation to the type of property use for which this record of site condition is filed, except for those contaminants (if any) specified in this record of site condition at Table 2, Maximum contaminant concentrations compared to standards specified in a risk assessment.

As of 2019/11/14, the maximum known concentration of each contaminant in soil, sediment ☒ and ground water at the record of site condition property for which sampling and analysis has been performed is specified in this record of site condition at Table 1, maximum contaminant concentrations compared to applicable full depth generic site condition standards.

In relation to any contaminant excepted from the certification mentioned above as specified in the record of site condition at Table 2, maximum contaminant concentrations compared to standards specified in a risk assessment, or in relation to any other contaminant that in my opinion is likely to cause an adverse effect:

☒ A risk assessment was prepared for the contaminant with respect to the property for which the phase two environmental site assessment was conducted.

☒ The Director has accepted the risk assessment under clause 168.5 (1) (a) of the Act.

☒ As of 2019/11/14, the property for which the phase two environmental site assessment was conducted meets the standards specified in the risk assessment for the contaminant.

☒ I am a qualified person and have the qualifications required by section 5 of the regulation.

☒ I have in place an insurance policy that satisfies the requirements of section 7 of the regulation.

I acknowledge that the record of site condition will be submitted for filing in the Environmental Site Registry, that records of site condition that are filed in the Registry are available for examination by the public and that the ☒ Registry contains a notice advising users of the Registry who have dealings with any property to consider conducting their own due diligence with respect to the environmental condition of the property, in addition to reviewing information in the Registry.

The opinions expressed in this record of site condition are engineering or scientific opinions made in accordance ☒ with generally accepted principles and practices as recognized by members of the environmental engineering or science profession or discipline practising at the same time and in the same or similar location.

I do not hold and have not held and my employer AZIMUTH ENVIRONMENTAL CONSULTING, INC. ☒ does not hold and has not held a direct or indirect interest in the record of site condition property or any property which includes the record of site condition property and was the subject of a phase one or environmental site assessment or risk assessment upon which this record of site condition is based.

environmental site assessment or risk assessment upon which this record of site condition is based.

☒ To the best of my knowledge, the certifications and statements in this part of the record of site condition are true as of 2019/11/14.

☒ By signing this record of site condition, I make no express or implied warranties or guarantees.

By checking the boxes above, and entering my membership/licence number in this submission, I, DAVID KETCHESON, a qualified person as defined in section 5 of O. Reg. 153/04 am, on 2020/09/18:

- a) signing this record of site condition submission as a qualified person; and
- b) making all certifications required as a qualified person for this record of site condition.

☒ I agree

Additional documentation provided by property owner or agent

The following documents have been submitted to the Ministry of the Environment, Conservation and Parks as part of the record of site condition

Certificate of status or equivalent for the owner
Lawyer's letter consisting of a legal description of the property
Copy of any deed(s), transfer(s) or other document(s) by which the record of site condition property was acquired
A Current plan of survey
Property specific standards
Area(s) of potential environmental concern
Table of current and past uses of the phase one property
Phase 2 conceptual site model
Owner or agent certification statements