

Ontario Ministry of the Environment, Conservation and Parks
Record of Site Condition # B-403-5355081304



Record of Site Condition
Under Part XV.1 of the *Environmental Protection Act*

Summary

Record of site condition number	B-403-5355081304
Date filed to environmental site registry (YYYY/MM/DD)	2025/08/29
Certification date (YYYY/MM/DD)	2024/06/05
Current property use	Commercial
Intended property use	Residential
Certificate of property use number	No CPU
Applicable site condition standards	Background site conditions standard, Potable ground water, for Residential property use
Property legal description	See attached lawyer's letter
Property municipal address(es)	0 TAWADINA RD , OTTAWA, ON, K1K 5B5

Notice to readers concerning due diligence

This record of site condition (RSC) 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 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 RSC 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 RSC

Owner name	CANADA LANDS COMPANY CLC LIMITED
Ownership type	Firm, corporation or partnership
Authorized person	Mary Jarvis
Mailing address	100 Queen ST Ottawa Ontario
Postal Code	<u>K1P 1A5</u>
Phone	(613) 564-3019
Fax	
Email address	mjarvis@clc.ca

Record of site condition property location information

Municipal address(es)	0 TAWADINA RD , OTTAWA, ON, K1K 5B5
Municipality	OTTAWA
Legal description	See attached lawyer's letter
Assessment roll number	061401040260473
Property identifier number(s)	04273-1225 (LT)
Horizontal severance	

Record of site condition property geographical references

Coordinate system	UTM
Datum	NAD 83
Zone	Zone 18
Easting	450393.21
Northing	5033779.55

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	Commercial
Intended property use	Residential
Certificate of property use has been issued under section 168.6 of the <i>Environmental Protection Act</i>	No

As an owner:

<input checked="" type="checkbox"/>	I acknowledge that the RSC 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.
<input checked="" type="checkbox"/>	I have conducted reasonable inquiries to obtain all information relevant to this RSC, including information from the other current owners of the RSC property named in this part of the RSC and I have obtained all information relevant to this RSC of which I am aware.
<input checked="" type="checkbox"/>	I have disclosed all information referred to in paragraph 2 to any qualified person named in this RSC.
<input checked="" type="checkbox"/>	To my knowledge, the statements made in this part of the RSC are true as of 2025/06/09.
<input checked="" type="checkbox"/>	I have ensured that access to the entire property, including the phase one property, any phase two property and the RSC property, has been afforded to the qualified person and to persons supervised by the qualified person, for purposes of conducting the site reconnaissance.

By checking the box above, I, Mary Jarvis am on 2025/06/09,

a.	signing this RSC as an owner;
b.	making all certifications required of the owner of the RSC property for this RSC; and
c.	confirming that I have the authority to bind, and hereby do bind CANADA LANDS COMPANY CLC LIMITED.
<input checked="" type="checkbox"/> I Agree	

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

Qualified person's information

Name	Keith Holmes
Type of Membership under Professional Geoscientist Act	Practising member
Membership Number	1485
Qualified person's employer name	WSP Canada Ltd.
Mailing address	1931 Robertson RD Ottawa Ontario
Phone	(613) 799-5426
Fax	
Email address	keith.p.holmes@wsp.com

Municipal information

Local or single-tier municipality	CITY OF OTTAWA
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Ministry of the Environment Conservation and Parks District Office

District office	Ottawa
District office address	103-2430 Don Reid Drive, Ottawa ON

Phase one environmental site assessment report

Document used as the phase one environmental site assessment report and updates in submitting the RSC 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 Ontario Regulation (O. Reg.) 153/04)	2024/08/05
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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, Wateridge Village Phase 7, Part of 1076 Hemlock Private, Ottawa, ON	2024/08/30	Keith Holmes	WSP Canada 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
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Phase two environmental site assessment report

Document used as the phase two environmental site assessment report and updates in submitting the RSC 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)	2024/06/05
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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, Wateridge Village Phase 7, Part of 1076 Hemlock Private, Ottawa, ON	2025/01/03	Keith Holmes	WSP Canada 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 RSC 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
Phase Two <u>ESA</u> , CFB Rockcliffe, Ottawa, Ontario	2015/05/01	Eric Domingue	DST Consulting Engineers Inc.
Soil and Groundwater Remediation, Volume 5, Former CFB Rockcliffe, Ottawa, <u>ON</u>	2016/04/01	Eric Domingue	DST Consulting Engineers Inc.
Soil and Groundwater Remediation, Volume 1, Former CFB Rockcliffe, Ottawa, <u>ON</u>	2017/09/01	Eric Domingue	DST Consulting Engineers

			Inc.
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Environmental condition

Section 41 applies?	Yes
Section 43.1 applies?	No

Site condition information

Certification date (YYYY/MM/DD)	2024/06/05
Total area of <u>RSC</u> property (in hectares)	16.7174
Number of any previously filed <u>RSC</u> that applies to any part of the <u>RSC</u> property	
Number of any previously filed transition notice that applies to any part of the <u>RSC</u> property	
Soil texture	
Assessment/restoration approach	Background
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
Was investigation, sampling and analysis of soil on, in or under the property already undertaken in such a way that it can be used as part of the phase two environmental site assessment?	Yes
Site investigation includes the investigation, sampling and analysis of ground water?	Yes
Name of the laboratory used to analyze any samples collected of soil, ground water or sediment	Agat Laboratories Bureau Veritas Laboratories
Ground water condition (potable, non-potable)	Potable
Applicable site condition standard	TABLE 1

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	Acenaphthene		0.019	0.072	µg/g
2	Acenaphthylene		0.05	0.093	µg/g
3	Anthracene		0.11	0.16	µg/g
4	Antimony		0.63	1.3	µg/g
5	Arsenic		12	18	µg/g
6	Barium		220	220	µg/g
7	Benz[a]anthracene		0.25	0.36	µg/g
8	Benzene		0.02	0.02	µg/g
9	Benzo[a]pyrene		0.22	0.3	µg/g
10	Benzo[b]fluoranthene		0.29	0.47	µg/g
11	Benzo[ghi]perylene		0.12	0.68	µg/g
12	Benzo[k]fluoranthene		0.11	0.48	µg/g
13	Beryllium		1.1	2.5	µg/g
14	Boron (total)		34	36	µg/g
15	Cadmium		0.7	1.2	µg/g
16	Chromium Total		70	70	µg/g
17	Chromium VI	<	0.2	0.66	µg/g
18	Chrysene		0.22	2.8	µg/g
19	Cobalt		21	21	µg/g
20	Copper		65.5	92	µg/g
21	Dibenz[a h]anthracene		0.094	0.1	µg/g
22	Ethylbenzene	<	0.05	0.05	µg/g
23	Fluoranthene		0.48	0.56	µg/g

24	Fluorene		0.07	0.12	µg/g
25	Indeno[1 2 3-cd]pyrene		0.052	0.23	µg/g
26	Lead		98	120	µg/g
27	Mercury		0.22	0.27	µg/g
28	Methylnaphthalene, 2-(1-) ***		0.16	0.59	µg/g
29	Molybdenum		2	2	µg/g
30	Naphthalene		0.07	0.09	µg/g
31	Nickel		81	82	µg/g
32	Petroleum Hydrocarbons F1****		20	25	µg/g
33	Petroleum Hydrocarbons F2		10	10	µg/g
34	Petroleum Hydrocarbons F3		160	240	µg/g
35	Petroleum Hydrocarbons F4		110	120	µg/g
36	Phenanthrene		0.24	0.69	µg/g
37	Pyrene		0.38	1	µg/g
38	Selenium		1	1.5	µg/g
39	Silver		0.42	0.5	µg/g
40	Thallium		0.7	1	µg/g
41	Toluene		0.2	0.2	µg/g
42	Uranium		2.27	2.5	µg/g
43	Vanadium		86	86	µg/g
44	Xylene Mixture		0.05	0.05	µg/g
45	Zinc		280	290	µg/g

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

Measured concentration for contaminants in ground water

Contaminant name		Maximum concentration		Applicable site condition	Unit of measure
1	Acenaphthene		0.63	4.1	µg/L
2	Acenaphthylene	<	0.2	1	µg/L
3	Anthracene		0.07	0.1	µg/L
4	Antimony	<	1	1.5	µg/L
5	Arsenic	<	10	13	µg/L
6	Barium		240	610	µg/L
7	Benz[a]anthracene	<	0.02	0.2	µg/L
8	Benzene	<	0.5	0.5	µg/L
9	Benzo[a]pyrene	<	0.01	0.01	µg/L
10	Benzo[b]fluoranthene	<	0.1	0.1	µg/L
11	Benzo[ghi]perylene	<	0.1	0.2	µg/L
12	Benzo[k]fluoranthene	<	0.1	0.1	µg/L
13	Beryllium	<	0.5	0.5	µg/L
14	Boron (total)		550	1700	µg/L
15	Cadmium	<	0.1	0.5	µg/L
16	Chromium Total	<	5	11	µg/L
17	Chrysene	<	0.1	0.1	µg/L
18	Cobalt		1.2	3.8	µg/L
19	Copper		1.6	5	µg/L
20	Dibenz[a h]anthracene	<	0.1	0.2	µg/L
21	Ethylbenzene	<	0.5	0.5	µg/L
22	Fluoranthene		0.04	0.4	µg/L
23	Fluorene		0.23	120	µg/L

24	Indeno[1 2 3-cd]pyrene	<	0.1	0.2	µg/L
25	Lead	<	1	1.9	µg/L
26	Mercury	<	0.0001	0.1	µg/L
27	Methylnaphthalene, 2-(1-) ***	<	0.1	2	µg/L
28	Molybdenum		10	23	µg/L
29	Naphthalene		0.75	7	µg/L
30	Nickel		5	14	µg/L
31	Petroleum Hydrocarbons F1****	<	200	420	µg/L
32	Petroleum Hydrocarbons F2	<	100	150	µg/L
33	Petroleum Hydrocarbons F3	<	200	500	µg/L
34	Petroleum Hydrocarbons F4	<	200	500	µg/L
35	Phenanthrene		0.1	0.1	µg/L
36	Pyrene	<	0.2	0.2	µg/L
37	Selenium	<	5	5	µg/L
38	Silver	<	0.1	0.3	µg/L
39	Thallium	<	0.05	0.5	µg/L
40	Toluene	<	0.5	0.8	µg/L
41	Uranium		1.7	8.9	µg/L
42	Vanadium	<	0.5	3.9	µg/L
43	Xylene Mixture	<	1.5	72	µg/L
44	Zinc		40	160	µg/L

Remedial action and mitigation

Remediated soils

Estimated quantities of the soil, if any, originating at and remaining on the RSC 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)
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Description of remediation

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

Soil or sediment removed and not returned

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

Estimated quantity of soil (in ground-volume in cubic metres)	9,570
Estimated quantity of sediment (in ground-volume in cubic metres)	

Excess soil deposited at the property

Estimated quantity of excess soil, if any, being deposited at the RSC 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)	
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Ground water control or treatment measures

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

Pump, treat and off-site disposal to sewer of 1,333 m³ of groundwater from two remedial excavations until reaching site standards.

Ground water control or treatment measures that are required for the RSC property after the certification date.

None required.

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

Estimated volume of ground water (in litres)	1,333,000
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Other activities including risk management measures

Constructed works that prior to the certification date for the purpose of submitting the RSC for filing, were required to control or otherwise mitigate the release or movement of known existing contaminants at the RSC 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 RSC 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 RSC 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 RSC 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 RSC property that is or was located within 3 metres of the RSC property boundary been remediated or removed for the purpose of remediation?

Yes

Qualified person's statements and certifications

As the qualified person, I certify that:

<input checked="" type="checkbox"/>	A phase one environmental site assessment of the <u>RSC</u> property, which includes the evaluation of the information gathered from a records review, site reconnaissance, interviews, a report and any updates as required, has been conducted in accordance with the regulation by or under the supervision of a qualified person as required by the regulation.
<input checked="" type="checkbox"/>	A phase two environmental site assessment of the <u>RSC</u> 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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	As of 2024/06/05, 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 <u>RSC</u> property that would interfere with the type of property use to which the <u>RSC</u> property will be put, as specified in the <u>RSC</u> .
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	As of 2024/06/05, in my opinion, based on the phase one and phase two environmental site assessments and any confirmatory sampling, the <u>RSC</u> property meets the applicable full depth background site condition standards prescribed by section 34 of the regulation for all contaminants prescribed by the regulation in relation to the type of property use for which this <u>RSC</u> is filed, except for those contaminants (if any) specified in this <u>RSC</u> at Table 2, Maximum Contaminant Concentrations Compared to Standards Specified in a Risk Assessment.
<input checked="" type="checkbox"/>	As of 2024/06/05, the maximum known concentration of each contaminant in soil, sediment and ground water at the <u>RSC</u> property for which sampling and analysis has been performed is specified in this <u>RSC</u> at Table 1, Maximum Contaminant Concentrations Compared to Applicable Site Condition Standards.
<input checked="" type="checkbox"/>	I am a qualified person and have the qualifications required by section 5 of the regulation.
<input checked="" type="checkbox"/>	I have in place an insurance policy that satisfies the requirements of section 7 of the regulation.
<input checked="" type="checkbox"/>	I acknowledge that the <u>RSC</u> 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.
<input checked="" type="checkbox"/>	The opinions expressed in this RSC 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 practicing at the same time and in the same or similar location.
<input checked="" type="checkbox"/>	I do not hold and have not held and my employer, if any, does not hold and has not held a direct or indirect interest in the RSC property or any property which includes the RSC property and was the subject of a phase one or two environmental site assessment or risk assessment upon which this RSC is based.
<input checked="" type="checkbox"/>	To the best of my knowledge, the certifications and statements in this part of the RSC are true as of 2024/06/05.
<input checked="" type="checkbox"/>	By signing this RSC, I make no express or implied warranties or guarantees.

By checking the boxes above, and entering my membership/licence number in this submission, I, Keith Holmes, a qualified person under section 5 of O. Reg. 153/04 am, on ,

a.	signing this RSC submission as a qualified person; and
b.	making all certifications required as a qualified person for this RSC
<input checked="" type="checkbox"/> 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 RSC

A current plan of survey
Certificate of Status or equivalent for the owner
Copy of any deed(s), transfer(s) or other document(s) by which the record of site condition property was acquired
Lawyer's letter consisting of a legal description of the property
Phase Two conceptual site model
Table of Area(s) of potential environmental concern
Table of current and past uses of the Phase One property