



SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2H0
Phone: 705-652-2000 FAX: 705-652-6365

Veolia Water (Whitechurch)

Attn : Steve Walmsley

PO Box 185
Goderich, ON
N7A 3Z2, Canada

Phone: 519-524-6583
Fax:pdf

Works #: 220008863

20-November-2024

Date Rec. : 12 November 2024
LR Report: CA30239-NOV24

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	7: MDL	8: TW Whitechurch - Treated Water Nit	9: TW Whitechurch - Treated Water Ba	10: DW WCSS HAAs	11: DW WCSS THMs
Sample Date & Time							11-Nov-24 11:10	11-Nov-24 11:10	11-Nov-24 10:55	11-Nov-24 10:55
Temperature Upon Receipt [at London Lab °C]	---	---	---	---	---	---	5.9	5.9	5.9	5.9
Temperature Upon Receipt [at Lakefield Lab °C]	---	---	---	---	---	---	7.0	7.0	7.0	7.0
Field Free Chlorine [mg/L]	---	---	---	---	---	---	1.44	1.44	1.35	1.35
Barium [ug/L]	18-Nov-24	10:15	18-Nov-24	14:39	1000	0.02	---	856	---	---
Nitrite (as N) [mg/L]	14-Nov-24	23:23	18-Nov-24	10:28	1.0	0.003	0.003 <MDL	---	---	---
Nitrate (as N) [mg/L]	14-Nov-24	23:23	18-Nov-24	10:28	10	0.006	0.006 <MDL	---	---	---
Nitrate + Nitrite (as N) [mg/L]	14-Nov-24	23:23	18-Nov-24	10:28	---	0.006	0.006 <MDL	---	---	---
Trihalomethanes (total) [ug/L]	14-Nov-24	13:20	15-Nov-24	11:13	100 (RAA)	0.37	---	---	---	23
Bromodichloromethane [ug/L]	14-Nov-24	13:20	15-Nov-24	11:13	--	0.26	---	---	---	5.4
Bromoform [ug/L]	14-Nov-24	13:20	15-Nov-24	11:13	--	0.34	---	---	---	0.34 <MDL
Chloroform [ug/L]	14-Nov-24	13:20	15-Nov-24	11:13	--	0.29	---	---	---	17
Dibromochloromethane [ug/L]	14-Nov-24	13:20	15-Nov-24	11:13	--	0.37	---	---	---	1.1
Total Haloacetic Acids (HAA5) [ug/L]	19-Nov-24	13:21	20-Nov-24	12:43	80 (RAA)	5.3	---	---	13.1	---
Chloroacetic Acid [ug/L]	19-Nov-24	13:21	20-Nov-24	12:43	---	4.7	---	---	4.7 <MDL	---
Bromoacetic Acid [ug/L]	19-Nov-24	13:21	20-Nov-24	12:43	---	2.9	---	---	2.9 <MDL	---
Dichloroacetic Acid [ug/L]	19-Nov-24	13:21	20-Nov-24	12:43	---	2.6	---	---	5.8	---
Dibromoacetic Acid [ug/L]	19-Nov-24	13:21	20-Nov-24	12:43	---	2.0	---	---	2.0 <MDL	---
Trichloroacetic Acid [ug/L]	19-Nov-24	13:21	20-Nov-24	12:43	---	5.3	---	---	7.3	---

Online LIMS

0003934061



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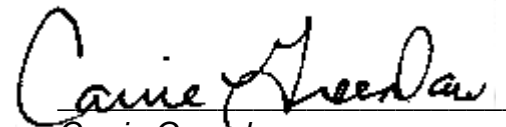
Works #: 220008863

LR Report : CA30239-NOV24

MAC - Maximum Acceptable Concentration
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
ug/L	Barium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
mg/L	Nitrate by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001
mg/L	Total Nitrate/Nitrite by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001
mg/L	Nitrite by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004



Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

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16-July-2024

Veolia Water (Whitechurch)

Attn : Steve Walmsley

Date Rec. : 09 July 2024
 LR Report: CA30298-JUL24

PO Box 185
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 N7A 3Z2, Canada

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CERTIFICATE OF ANALYSIS

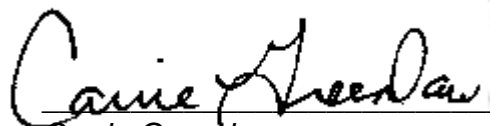
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt at London Lab °C	Temperature Upon Receipt at Lakefield Lab °C	Free Chlorine mg/L	Field pH	Alkalinity mg/L as CaCO3	Lead ug/L	pH No unit
1: Analysis Start Date		---	---	---	---	11-Jul-24	15-Jul-24	11-Jul-24
2: Analysis Start Time		---	---	---	---	14:23	07:46	14:23
3: Analysis Completed Date		---	---	---	---	12-Jul-24	15-Jul-24	16-Jul-24
4: Analysis Completed Time		---	---	---	---	13:13	09:42	08:55
5: MAC		---	---	---	---	---	10	---
6: AO/OG		---	---	---	6.5-8.5	30-500	---	6.5-8.5
7: MDL		---	---	---	---	2	0.01	---
8: DW Whitechurch	08-Jul-24 14:00	14.4	15.0	1.76	7.3	281	0.10	7.97

MAC - Maximum Acceptable Concentration
 AO/OG - Aesthetic Objective / Operational Guideline
 MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
mg/L as CaCO3	Alkalinity by Titration	ME-CA-[ENV]EWL-LAK-AN-006
ug/L	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
No unit	pH - solution	ME-CA-[ENV]EWL-LAK-AN-006


 Carrie Greenlaw
 Project Specialist,
 Environment, Health & Safety



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Veolia Water (Whitechurch)

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Phone: 519-524-6583
Fax:pdf

Works #: 220008863

17-May-2024

Date Rec. : 07 May 2024
LR Report: CA30153-MAY24

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	6: Half MAC	7: MDL	8: TW Whitechurch - Treated Water	9: TW Treated Tap	10: DW WCSS
Sample Date & Time								06-May-24 12:35	06-May-24 12:35	06-May-24 12:20
Temperature Upon Receipt [at London Lab °C]	---	---	---	---	---	---	---	12.8	12.8	12.8
Temperature Upon Receipt [at Lakefield Lab °C]	---	---	---	---	---	---	---	10.0	10.0	10.0
Field Free Chlorine [mg/L]	---	---	---	---	---	---	---	1.63	1.63	1.38
Barium [ug/L]	13-May-24	10:30	13-May-24	12:52	1000	500	0.02	---	836 RDS	---
Nitrite (as N) [mg/L]	10-May-24	02:46	10-May-24	15:42	1.0	---	0.003	0.003 <MDL	---	---
Nitrate (as N) [mg/L]	10-May-24	02:46	10-May-24	15:42	10	---	0.006	0.006 <MDL	---	---
Nitrate + Nitrite (as N) [mg/L]	10-May-24	02:46	10-May-24	15:42	---	---	0.006	0.006 <MDL	---	---
Trihalomethanes (total) [ug/L]	09-May-24	15:34	10-May-24	09:46	100 (RAA)	---	0.37	---	---	19
Bromodichloromethane [ug/L]	09-May-24	15:34	10-May-24	09:46	---	---	0.26	---	---	4.0
Bromoform [ug/L]	09-May-24	15:34	10-May-24	09:46	---	---	0.34	---	---	0.34 <MDL
Chloroform [ug/L]	09-May-24	15:34	10-May-24	09:46	---	---	0.29	---	---	14
Dibromochloromethane [ug/L]	09-May-24	15:34	10-May-24	09:46	---	---	0.37	---	---	0.89
Total Haloacetic Acids (HAA5) [ug/L]	15-May-24	08:17	16-May-24	17:25	80 (RAA)	---	5.3	---	---	13.4
Chloroacetic Acid [ug/L]	15-May-24	08:17	16-May-24	17:25	---	---	4.7	---	---	4.7 <MDL
Bromoacetic Acid [ug/L]	15-May-24	08:17	16-May-24	17:25	---	---	2.9	---	---	2.9 <MDL
Dichloroacetic Acid [ug/L]	15-May-24	08:17	16-May-24	17:25	---	---	2.6	---	---	5.5
Dibromoacetic Acid [ug/L]	15-May-24	08:17	16-May-24	17:25	---	---	2.0	---	---	2.0 <MDL
Trichloroacetic Acid [ug/L]	15-May-24	08:17	16-May-24	17:25	---	---	5.3	---	---	7.9

OnLine LIMS

0003715106

MAC - Maximum Acceptable Concentration
 Half MAC - Half of the Maximum Acceptable Concentration
 MDL - SGS Method Detection Limit
 RDS - Result obtained on Diluted Sample

Method Descriptions

Parameter	Description	SGS Method Code
Barium	Barium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
Bromoacetic Acid	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
Bromodichloromethane	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
Bromoform	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
Chloroacetic Acid	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
Chloroform	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
Dibromoacetic Acid	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
Dibromochloromethane	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
Dichloroacetic Acid	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
Nitrate (as N)	Nitrate by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001
Nitrate + Nitrite (as N)	Total Nitrate/Nitrite by Ion Chromatograph	ME-CA-[ENV]IC-LAK-AN-001
Nitrite (as N)	Nitrite by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001
Total Haloacetic Acids (HAA5)	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
Trichloroacetic Acid	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
Trihalomethanes (total)	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004

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 Project Specialist,
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Veolia Water (Whitechurch)

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Fax:pdf

Works #: 220008863

22-February-2024

Date Rec. : 13 February 2024

LR Report: CA30260-FEB24

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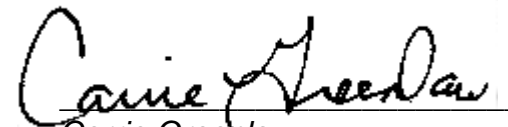
CERTIFICATE OF ANALYSIS
Final Report

Table with 12 columns: Analysis, 1: Start Date, 2: Start Time, 3: Completed Date, 4: Completed Time, 5: MAC, 6: Half MAC, 7: MDL, 8: TW Whitechurch - Treated Water, 9: TW Whitechurch - Treated, 10: DW WCSS, 11: DW ABSS. Rows include various chemical and physical parameters like Temperature, Chlorine, Barium, Nitrite, Nitrate, etc.

MAC - Maximum Acceptable Concentration
Half MAC - Half of the Maximum Acceptable Concentration
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
ug/L	Barium by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
mg/L	Nitrate by Ion Chromatography	ME-CA-[ENV]JC-LAK-AN-001
mg/L	Total Nitrate/Nitrite by Ion Chromatograph	ME-CA-[ENV]JC-LAK-AN-001
mg/L	Nitrite by Ion Chromatography	ME-CA-[ENV]JC-LAK-AN-001
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004



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15-January-2024

Veolia Water (Whitechurch)

Attn : Gary Nicholson

Date Rec. : 09 January 2024
 LR Report: CA30208-JAN24

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CERTIFICATE OF ANALYSIS

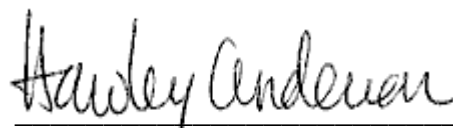
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt at London Lab °C	Temperature Upon Receipt at Lakefield Lab °C	Free Chlorine mg/L	Field pH	pH No unit	Alkalinity mg/L as CaCO3	Lead ug/L
1: Analysis Start Date		---	---	---	---	11-Jan-24	11-Jan-24	15-Jan-24
2: Analysis Start Time		---	---	---	---	15:12	15:12	12:00
3: Analysis Completed Date		---	---	---	---	12-Jan-24	12-Jan-24	15-Jan-24
4: Analysis Completed Time		---	---	---	---	11:58	11:58	13:25
5: MAC		---	---	---	---	---	---	10
6: AO/OG		---	---	---	6.5-8.5	6.5-8.5	30-500	---
7: MDL		---	---	---	---	---	2	0.01
8: DW WCSS	09-Jan-24 10:55	8.3	8.0	1.56	8.27	8.00	275	0.04

MAC - Maximum Acceptable Concentration
 AO/OG - Aesthetic Objective / Operational Guideline
 MDL - SGS Method Detection Limit

Method Descriptions

Parameter	Description	SGS Method Code
Alkalinity	Alkalinity by Titration	ME-CA-[ENV]EWL-LAK-AN-006
Lead	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006
pH	pH - solution	ME-CA-[ENV]EWL-LAK-AN-006



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 Project Specialist,
 Environment, Health & Safety