

P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

OCWA-Huron Kinloss (Whitechurch DWS)

Attn: Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

Phone: 226-374-9901 (Paul)/226-377-3563 (Cindy Sigurdson)

Fax:

28-October-2025

Works #:

Date Rec.: 21 October 2025 LR Report: CA30557-OCT25

220008863

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 TW-Whitechurch TW	9: DW DW-Whitechurch DW SS
Sample Date & Time							20-Oct-25 08:44	20-Oct-25 08:29
Temperature Upon Receipt [at London Lab °C]							17.0	17.0
Temperature Upon Receipt [at Lakefield Lab °C]							6.0	6.0
Field Free Chlorine [mg/L]							1.65	1.33
Barium [ug/L]	27-Oct-25	09:25	27-Oct-25	12:25	1000	0.02	745	
Nitrite (as N) [mg/L]	25-Oct-25	10:14	27-Oct-25	09:45	1	0.003	0.003 <mdl< td=""><td></td></mdl<>	
Nitrate (as N) [mg/L]	25-Oct-25	10:14	27-Oct-25	09:45	10	0.006	0.006 <mdl< td=""><td></td></mdl<>	
Nitrate + Nitrite (as N) [mg/L]	25-Oct-25	10:14	27-Oct-25	09:45		0.006	0.006 <mdl< td=""><td></td></mdl<>	
Trihalomethanes (total) [ug/L]	23-Oct-25	14:35	27-Oct-25	13:00	100 (RAA)	0.37		32
Bromodichloromethane [ug/L]	23-Oct-25	14:35	27-Oct-25	13:00		0.26		6.4
Bromoform [ug/L]	23-Oct-25	14:35	27-Oct-25	13:00		0.34		0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	23-Oct-25	14:35	27-Oct-25	13:00		0.29		25
Dibromochloromethane [ug/L]	23-Oct-25	14:35	27-Oct-25	13:00		0.37		1.2
Total Haloacetic Acids (HAA5) [ug/L]	27-Oct-25	07:10	28-Oct-25	12:02	80 (RAA)	5.3		18.5
Chloroacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:02		4.7		4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:02		2.9		2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:02		2.6		7.5
Dibromoacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:02		2.0		2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:02		5.3		11.0



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Works #: 220008863

LR Report :

CA30557-OCT25

 \mbox{MAC} - $\mbox{Maximum}$ Acceptable Concentration Half MAC - Half of the Maximum Acceptable Concentration MDL - SGS Method Detection Limit

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 Chromatography	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			

Hawley Anderson, Hon.B.Sc

Project Specialist,



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

22-July-2025

Date Rec. : 15 July 2025 LR Report: CA30420-JUL25

Works #: 220008863

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OCWA-Huron Kinloss (Whitechurch DWS)

Attn: Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

Phone: 226-374-9901 (Paul)/226-377-3563 (Cindy Sigurdson)

Fax:

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 TW-Whitechurch TW	9: DW DW-Whitechurch DW SS
Sample Date & Time							14-Jul-25 14:08	14-Jul-25 13:58
Temperature Upon Receipt [at London Lab °C]							11.8	11.8
Temperature Upon Receipt [at Lakefield Lab °C]							8.0	8.0
Field Free Chlorine [mg/L]							1.32	1.01
Barium [ug/L]	21-Jul-25	09:29	21-Jul-25	13:44	1000	0.02	766	
Nitrite (as N) [mg/L]	18-Jul-25	18:20	21-Jul-25	11:07	1.0	0.003	0.003 <mdl< td=""><td></td></mdl<>	
Nitrate (as N) [mg/L]	18-Jul-25	18:20	21-Jul-25	11:07	10	0.006	0.006 <mdl< td=""><td></td></mdl<>	
Nitrate + Nitrite (as N) [mg/L]	18-Jul-25	18:20	21-Jul-25	11:07		0.006	0.006 <mdl< td=""><td></td></mdl<>	
Trihalomethanes (total) [ug/L]	17-Jul-25	14:17	18-Jul-25	08:30	100 (RAA)	0.37		23
Bromodichloromethane [ug/L]	17-Jul-25	14:17	18-Jul-25	08:30		0.26		5.3
Bromoform [ug/L]	17-Jul-25	14:17	18-Jul-25	08:30		0.34		0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	17-Jul-25	14:17	18-Jul-25	08:30		0.29		16
Dibromochloromethane [ug/L]	17-Jul-25	14:17	18-Jul-25	08:30		0.37		1.2
Total Haloacetic Acids (HAA5) [ug/L]	21-Jul-25	08:23	22-Jul-25	12:16	80 (RAA)	5.3		10.8
Chloroacetic Acid [ug/L]	21-Jul-25	08:23	22-Jul-25	12:16		4.7		4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	21-Jul-25	08:23	22-Jul-25	12:16		2.9		2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	21-Jul-25	08:23	22-Jul-25	12:16		2.6		5.3
Dibromoacetic Acid [ug/L]	21-Jul-25	08:23	22-Jul-25	12:16		2.0		2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	21-Jul-25	08:23	22-Jul-25	12:16		5.3		5.6

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]IC-LAK-AN-001
mg/L	Total Nitrate/Nitrite by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

Works #: 220008863

LR Report: CA30

CA30420-JUL25

Units	Description	SGS Method Code
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,



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

14-July-2025

Date Rec.: 08 July 2025

Works #: 220008863

LR Report: CA30260-JUL25

Copy: #1

OCWA-Huron Kinloss (Whitechurch DWS)

Attn: Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

Phone: 226-374-9901 (Paul)/226-377-3563 (Cindy Sigurdson)

Fax:

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
1: Analysis Start Date						10-Jul-25	14-Jul-25
2: Analysis Start Time						10:04	07:50
3: Analysis Completed Date						10-Jul-25	14-Jul-25
4: Analysis Completed Time						15:32	09:55
5: MAC							10
6: AO/OG					6.5-8.5	30-500	
7: MDL						2	0.01
8: DW DW-Whitechurch DW SS	08-Jul-25 09:36	10.5	8.0	1.16	7.21	279	0.01

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

Carrie Greenlaw Project Specialist,



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

22-April-2025

Works #: 220008863

Date Rec. : 14 April 2025 **LR Report: CA30426-APR25**

Copy: #1

OCWA-Huron Kinloss (Whitechurch DWS)

Attn : Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

Phone: 226-374-9901 (Paul)/226-377-3563 (Cindy Sigurdson)

Fax:

CERTIFICATE OF ANALYSIS Final Report

Analysis	1: Analysis	2: Analysis Start	3: Analysis	4: Analysis	5: MAC	6: Half MAC	7: MDL		9: DW DW-Whitechurch
	Start Date	Time	Completed Date	Completed Time				TW	DW SS
Sample Date & Time								14-Apr-25 09:30	14-Apr-25 08:38
Temperature Upon Receipt [at London Lab °C]								18.0	18.0
Temperature Upon Receipt [at Lakefield Lab °C]								5.0	5.0
Field Free Chlorine [mg/L]								1.73	1.25
Barium [ug/L]	21-Apr-25	09:31	21-Apr-25	13:00	1000	500	0.02	773	
Nitrite (as N) [mg/L]	17-Apr-25	17:43	21-Apr-25	12:40	1.0		0.003	0.003 <mdl< td=""><td></td></mdl<>	
Nitrate (as N) [mg/L]	17-Apr-25	17:43	21-Apr-25	12:40	10		0.006	0.006 <mdl< td=""><td></td></mdl<>	
Nitrate + Nitrite (as N) [mg/L]	17-Apr-25	17:43	21-Apr-25	12:40			0.006	0.006 <mdl< td=""><td></td></mdl<>	
Trihalomethanes (total) [ug/L]	16-Apr-25	12:17	17-Apr-25	11:08	100 (RAA)		0.37		16
Bromodichloromethane [ug/L]	16-Apr-25	12:17	17-Apr-25	11:08			0.26		3.7
Bromoform [ug/L]	16-Apr-25	12:17	17-Apr-25	11:08			0.34		0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	16-Apr-25	12:17	17-Apr-25	11:08			0.29		11
Dibromochloromethane [ug/L]	16-Apr-25	12:17	17-Apr-25	11:08			0.37		0.91
Total Haloacetic Acids (HAA5) [ug/L]	21-Apr-25	13:44	22-Apr-25	10:29	80 (RAA)		5.3		5.3 <mdl< td=""></mdl<>
Chloroacetic Acid [ug/L]	21-Apr-25	13:44	22-Apr-25	10:29			4.7		4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	21-Apr-25	13:44	22-Apr-25	10:29			2.9		2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	21-Apr-25	13:44	22-Apr-25	10:29			2.6		3.8
Dibromoacetic Acid [ug/L]	21-Apr-25	13:44	22-Apr-25	10:29			2.0		2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	21-Apr-25	13:44	22-Apr-25	10:29			5.3		5.3 <mdl< td=""></mdl<>

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]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



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

Works #: 220008863

LR Report:

CA30426-APR25

Carrie Greenlaw Project Specialist,



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

11-March-2025

Works #: 220008863

Date Rec.: 04 March 2025 LR Report: CA30098-MAR25

Copy: #1

OCWA-Huron Kinloss (Whitechurch DWS)

Attn: Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

Phone: 226-374-9901 (Paul)/226-377-3563 (Cindy Sigurdson)

Fax:

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
1: Analysis Start Date						06-Mar-25	10-Mar-25
2: Analysis Start Time						13:36	09:00
3: Analysis Completed Date						07-Mar-25	10-Mar-25
4: Analysis Completed Time						11:43	09:28
5: MAC							10
6: AO/OG					6.5-8.5	30-500	
7: MDL						2	0.01
8: DW DW-Whitechurch DW SS	04-Mar-25 07:58	7.1	5.0	1.63	7.93	277	0.01 <mdl< td=""></mdl<>

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

Carrie Greenlaw Project Specialist,



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO

Phone: 705-652-2000 FAX: 705-652-6365

12-February-2025

Works #: 220008863

OCWA-Huron Kinloss (Whitechurch DWS)

Attn : Paul Sherban

Date Rec.: 04 February 2025 LR Report: CA30091-FEB25

6242 Fallon Drive Lucan, ON

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Phone: 226-374-9901 (Paul)/226-377-3563 (Cindy Sigurdson)

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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 TW-Whitechurch TW	9: DW DW-Whitechurch DW SS
Sample Date & Time							04-Feb-25 08:07	04-Feb-25 07:50
Temperature Upon Receipt [at London Lab °C]							7.5	7.5
Temperature Upon Receipt [at Lakefield Lab °C]							6.0	6.0
Field Free Chlorine [mg/L]							1.61	1.15
Barium [ug/L]	11-Feb-25	11:22	11-Feb-25	13:34	1000	0.02	803	
Nitrite (as N) [mg/L]	07-Feb-25	09:14	10-Feb-25	10:55	1.0	0.003	0.003 <mdl< td=""><td></td></mdl<>	
Nitrate (as N) [mg/L]	07-Feb-25	09:14	10-Feb-25	10:55	10	0.006	0.006 <mdl< td=""><td></td></mdl<>	
Nitrate + Nitrite (as N) [mg/L]	07-Feb-25	09:14	10-Feb-25	10:55		0.006	0.006 <mdl< td=""><td></td></mdl<>	
Trihalomethanes (total) [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31	100 (RAA)	0.37		16
Bromodichloromethane [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.26		3.5
Bromoform [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.34		0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.29		11
Dibromochloromethane [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.37		0.89
Total Haloacetic Acids (HAA5) [ug/L]	11-Feb-25	10:03	12-Feb-25	15:37	80 (RAA)	5.3		5.3 <mdl< td=""></mdl<>
Chloroacetic Acid [ug/L]	11-Feb-25	10:03	12-Feb-25	15:37		4.7		4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	11-Feb-25	10:03	12-Feb-25	15:37		2.9		2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	11-Feb-25	10:03	12-Feb-25	15:37		2.6		2.7
Dibromoacetic Acid [ug/L]	11-Feb-25	10:03	12-Feb-25	15:37		2.0		2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	11-Feb-25	10:03	12-Feb-25	15:37		5.3		5.3 <mdl< td=""></mdl<>

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]IC-LAK-AN-001
mg/L	Total Nitrate/Nitrite by Ion Chromatography	ME-CA-[ENV]IC-LAK-AN-001



P.O. Box 4300 - 185 Concession St.

Lakefield - Ontario - KOL 2HO Phone: 705-652-2000 FAX: 705-652-6365 Works #: 220008863

LR Report: CA30091-FEB25

Units	Description	SGS Method Code
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

Project Specialist,