

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

**OCWA-Huron Kinloss (Lucknow 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: CA30561-OCT25

220002663

**Copy:** #1

# CERTIFICATE OF ANALYSIS Final Report

Analysis	1:	2:	3:	4:	5:	6:	7:	8:	9:	10:	11:	12:
	Analysis	Analysis	Analysis	Analysis	MAC	Half	MDL	TW TW1-Lucknow			DW DW-86667	DW DW-Ford
	Start Date	Start Time	Completed Date	Completed Time		MAC		TW-Well 4	TW-Well 5	SPS	County Rd 1 South	
Sample Date & Time								20-Oct-25 09:54	20-Oct-25 09:41	20-Oct-25 10:16	20-Oct-25 10:27	20-Oct-25 10:36
Temperature Upon Receipt [at London Lab °C]								17.0	17.0	17.0	17.0	17.0
Temperature Upon Receipt [at Lakefield Lab °C]								8.0	8.0	8.0	8.0	8.0
Field Free Chlorine [mg/L]								1.65	1.73	1.39	1.25	1.63
Arsenic [ug/L]	27-Oct-25	09:25	27-Oct-25	12:25	10	5	0.2	3.4	4.4			
Nitrite (as N) [mg/L]	24-Oct-25	16:41	27-Oct-25	09:25	1.0		0.003	0.003 <mdl< td=""><td>0.003 <mdl< td=""><td></td><td></td><td></td></mdl<></td></mdl<>	0.003 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate (as N) [mg/L]	24-Oct-25	16:41	27-Oct-25	09:25	10		0.006	0.007	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate + Nitrite (as N) [mg/L]	24-Oct-25	16:41	27-Oct-25	09:25			0.006	0.007	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Trihalomethanes (total) [ug/L]	23-Oct-25	14:35	27-Oct-25	13:02	100 (RAA)		0.37			15	15	5.4
Bromodichloromethane [ug/L]	23-Oct-25	14:35	27-Oct-25	13:02			0.26			2.9	2.3	0.86
Bromoform [ug/L]	23-Oct-25	14:35	27-Oct-25	13:02			0.34			0.34 <mdl< td=""><td>0.34 <mdl< td=""><td>0.34 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.34 <mdl< td=""><td>0.34 <mdl< td=""></mdl<></td></mdl<>	0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	23-Oct-25	14:35	27-Oct-25	13:02			0.29			12	12	4.5
Dibromochloromethane [ug/L]	23-Oct-25	14:35	27-Oct-25	13:02			0.37			0.63	0.47	0.37 <mdl< td=""></mdl<>
Total Haloacetic Acids (HAA5) [ug/L]	27-Oct-25	07:10	28-Oct-25	12:19	80 (RAA)		5.3			5.3 <mdl< td=""><td>5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>
Chloroacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:19			4.7			4.7 <mdl< td=""><td>4.7 <mdl< td=""><td>4.7 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	4.7 <mdl< td=""><td>4.7 <mdl< td=""></mdl<></td></mdl<>	4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:19			2.9			2.9 <mdl< td=""><td>2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<>	2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:19			2.6			3.4	3.7	2.6 <mdl< td=""></mdl<>
Dibromoacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:19			2.0			2.0 <mdl< td=""><td>2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<>	2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	27-Oct-25	07:10	28-Oct-25	12:19			5.3			5.3 <mdl< td=""><td>5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>

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



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

Works #: 220002663

LR Report : CA30561-OCT25

### Method Descriptions

Parameter	Description	SGS Method Code
Arsenic	Arsenic 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,



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**OCWA-Huron Kinloss (Lucknow DWS)** 

Attn: Paul Sherban

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

Fax:

24-July-2025

Works #:

Date Rec. : 15 July 2025
LR Report: CA30419-JUL25

220002663

**Copy:** #1

# CERTIFICATE OF ANALYSIS Final Report

Analysis	1:	2:	3:	4:	5:	7:	8:	9:	10:	11:	12:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	MAC	MDL	TW TW1-Lucknow TW-Well 4	TW TW2-Lucknow TW-Well 5	DW DW-Lucknow SPS	DW DW-86667 County Rd 1 South	DW DW-Ford
Sample Date & Time							15-Jul-25 09:50	15-Jul-25 09:34	15-Jul-25 11:14	15-Jul-25 10:47	15-Jul-25 10:25
Temperature Upon Receipt [at London Lab °C]							11.8	11.8	11.8	11.8	11.8
Temperature Upon Receipt [at Lakefield Lab °C]							8.0	8.0	8.0	8.0	8.0
Field Free Chlorine [mg/L]							1.47	1.41	1.32	1.20	1.23
Arsenic [ug/L]	21-Jul-25	09:29	21-Jul-25	13:44	10	0.2	4.3	5.2			
Nitrite (as N) [mg/L]	19-Jul-25	16:22	22-Jul-25	13:40	1.0	0.003	0.003 <mdl< td=""><td>0.003 <mdl< td=""><td></td><td></td><td></td></mdl<></td></mdl<>	0.003 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate (as N) [mg/L]	19-Jul-25	16:22	22-Jul-25	13:40	10	0.006	0.008	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate + Nitrite (as N) [mg/L]	19-Jul-25	16:22	22-Jul-25	13:40		0.006	0.008	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Trihalomethanes (total) [ug/L]	17-Jul-25	12:32	18-Jul-25	10:27	100 (RAA)	0.37			5.5	12	14
Bromodichloromethane [ug/L]	17-Jul-25	12:32	18-Jul-25	10:27		0.26			1.2	2.1	2.3
Bromoform [ug/L]	17-Jul-25	12:32	18-Jul-25	10:27		0.34			0.34 <mdl< td=""><td>0.34 <mdl< td=""><td>0.34 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.34 <mdl< td=""><td>0.34 <mdl< td=""></mdl<></td></mdl<>	0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	17-Jul-25	12:32	18-Jul-25	10:27		0.29			3.9	9.7	11
Dibromochloromethane [ug/L]	17-Jul-25	12:32	18-Jul-25	10:27		0.37			0.40	0.49	0.49
Total Haloacetic Acids (HAA5) [ug/L]	22-Jul-25	07:28	23-Jul-25	16:17	80 (RAA)	5.3			5.3 <mdl< td=""><td>5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>
Chloroacetic Acid [ug/L]	22-Jul-25	07:28	23-Jul-25	16:17		4.7			4.7 <mdl< td=""><td>4.7 <mdl< td=""><td>4.7 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	4.7 <mdl< td=""><td>4.7 <mdl< td=""></mdl<></td></mdl<>	4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	22-Jul-25	07:28	23-Jul-25	16:17		2.9			2.9 <mdl< td=""><td>2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<>	2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	22-Jul-25	07:28	23-Jul-25	16:17		2.6			2.6 <mdl< td=""><td>3.4</td><td>4.6</td></mdl<>	3.4	4.6
Dibromoacetic Acid [ug/L]	22-Jul-25	07:28	23-Jul-25	16:17		2.0			2.0 <mdl< td=""><td>2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<>	2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	22-Jul-25	07:28	23-Jul-25	16:17		5.3			5.3 <mdl< td=""><td>5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>

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



P.O. Box 4300 - 185 Concession St. Lakefield - Ontario - KOL 2HO Phone: 705-652-2000 FAX: 705-652-6365 Works #: 220002663

LR Report :

CA30419-JUL25

#### Method Descriptions

	motriod booor	1 p t 1 0 1 10
Units	Description	SGS Method Code
ug/L	Arsenic 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,



SGS Canada Inc.

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 #: 220002663

LR Report: CA30259-JUL25

Copy: #1

OCWA-Huron Kinloss (Lucknow 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						15:41	07:50
3: Analysis Completed Date						11-Jul-25	14-Jul-25
4: Analysis Completed Time						11:26	09:54
5: MAC							10
6: AO/OG					6.5-8.5	30-500	
7: MDL						2	0.01
8: DW DW-South Lucknow (ACW) 86667	08-Jul-25 08:58	10.5	7.0	1.27	7.04	232	0.08
9: DW DW-Lucknow SPS	08-Jul-25 08:22	10.5	7.0	1.51	6.62	235	0.70
10: DW DW-Ford	08-Jul-25 08:44	10.5	7.0	1.39	6.84	229	0.12

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,



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

**OCWA-Huron Kinloss (Lucknow DWS)** 

Attn: Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

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

Fax:

21-April-2025

Works #:

Date Rec. : 14 April 2025 LR Report: CA30423-APR25

220002663

Copy: #1

## CERTIFICATE OF ANALYSIS **Final Report**

Analysis	1:	2:	3:	4:	5:	7:	8:	9:	10:	11:	12:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	MAC	MDL	TW TW1-Lucknow TW-Well 4	TW TW2-Lucknow TW-Well 5	DW DW-Lucknow SPS	DW DW-86667 County Rd 1 South	DW DW-Ford
Sample Date & Time							14-Apr-25 10:24	14-Apr-25 11:34	14-Apr-25 11:26	14-Apr-25 11:15	14-Apr-25 11:10
Temperature Upon Receipt [at London Lab °C]							18.0	18.0	18.0	18.0	18.0
Temperature Upon Receipt [at Lakefield Lab °C]							6.0	6.0	6.0	6.0	6.0
Field Free Chlorine [mg/L]							1.73	1.80	1.55	1.46	1.26
Arsenic [ug/L]	21-Apr-25	09:31	21-Apr-25	13:00	10	0.2	4.6	6.3			
Nitrite (as N) [mg/L]	17-Apr-25	17:43	21-Apr-25	12:39	1.0	0.003	0.003 <mdl< td=""><td>0.003 <mdl< td=""><td></td><td></td><td></td></mdl<></td></mdl<>	0.003 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate (as N) [mg/L]	17-Apr-25	17:43	21-Apr-25	12:39	10	0.006	0.008	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate + Nitrite (as N) [mg/L]	17-Apr-25	17:43	21-Apr-25	12:39		0.006	0.008	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Trihalomethanes (total) [ug/L]	16-Apr-25	12:17	17-Apr-25	11:06	100 (RAA)	0.37			9.1	7.0	4.0
Bromodichloromethane [ug/L]	16-Apr-25	12:17	17-Apr-25	11:06		0.26			2.0	1.2	0.68
Bromoform [ug/L]	16-Apr-25	12:17	17-Apr-25	11:06		0.34			0.34 <mdl< td=""><td>0.34 <mdl< td=""><td>0.34 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	0.34 <mdl< td=""><td>0.34 <mdl< td=""></mdl<></td></mdl<>	0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	16-Apr-25	12:17	17-Apr-25	11:06		0.29			6.4	5.3	3.3
Dibromochloromethane [ug/L]	16-Apr-25	12:17	17-Apr-25	11:06		0.37			0.71	0.49	0.37 <mdl< td=""></mdl<>
Total Haloacetic Acids (HAA5) [ug/L]	17-Apr-25	08:19	21-Apr-25	12:55	80 (RAA)	5.3			5.3 <mdl< td=""><td>5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>
Chloroacetic Acid [ug/L]	17-Apr-25	08:19	21-Apr-25	12:55		4.7			4.7 <mdl< td=""><td>4.7 <mdl< td=""><td>4.7 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	4.7 <mdl< td=""><td>4.7 <mdl< td=""></mdl<></td></mdl<>	4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	17-Apr-25	08:19	21-Apr-25	12:55		2.9			2.9 <mdl< td=""><td>2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<>	2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	17-Apr-25	08:19	21-Apr-25	12:55		2.6			2.6 <mdl< td=""><td>2.6 <mdl< td=""><td>2.6 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.6 <mdl< td=""><td>2.6 <mdl< td=""></mdl<></td></mdl<>	2.6 <mdl< td=""></mdl<>
Dibromoacetic Acid [ug/L]	17-Apr-25	08:19	21-Apr-25	12:55		2.0			2.0 <mdl< td=""><td>2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<>	2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	17-Apr-25	08:19	21-Apr-25	12:55		5.3			5.3 <mdl< td=""><td>5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<></td></mdl<>	5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>

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



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

Works #: 220002663

LR Report : CA30423-APR25

### Method Descriptions

Parameter	Description	SGS Method Code
Arsenic	Arsenic 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,



SGS Canada Inc.

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

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

11-March-2025

Works #: 220002663

Date Rec.: 04 March 2025 LR Report: CA30101-MAR25

Copy: #1

OCWA-Huron Kinloss (Lucknow 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-South Lucknow (ACW) 86667	04-Mar-25 11:12	7.1	5.0	1.39	7.41	231	0.05
9: DW DW-Lucknow SPS	04-Mar-25 09:25	7.1	5.0	1.55	7.38	232	0.96
10: DW DW-Ford	04-Mar-25 11:04	7.1	5.0	1.33	7.45	227	0.05

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,



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

**OCWA-Huron Kinloss (Lucknow DWS)** 

Attn: Paul Sherban

6242 Fallon Drive Lucan, ON N0M 2J0, Canada

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

Fax:

14-February-2025

Works #:

Date Rec.: 04 February 2025 LR Report: CA30095-FEB25

220002663

**Copy:** #1

# CERTIFICATE OF ANALYSIS Final Report

Analysis	1:	2:	3:	4:	5:	7:	8:	9:	10:	11:	12:
	Analysis	Analysis	Analysis	Analysis	MAC	MDL		TW TW2-Lucknow		DW DW-86667	DW DW-Ford
	Start Date	Start Time	Completed Date	Completed Time			TW-Well 4	TW-Well 5	SPS		
Sample Date & Time							04-Feb-25 12:01	04-Feb-25 11:45	04-Feb-25 11:21	04-Feb-25 10:57	04-Feb-25 12:33
Temperature Upon Receipt [at London Lab °C]							7.5	7.5	7.5	7.5	7.5
Temperature Upon Receipt [at Lakefield Lab °C]							6.0	6.0	6.0	6.0	6.0
Field Free Chlorine [mg/L]							1.65	1.71	1.17	1.49	1.33
Arsenic [ug/L]	11-Feb-25	11:22	11-Feb-25	13:35	10	0.2	4.4	5.3			
Nitrite (as N) [mg/L]	07-Feb-25	09:14	10-Feb-25	10:55	1.0	0.003	0.003 <mdl< td=""><td>0.003 <mdl< td=""><td></td><td></td><td></td></mdl<></td></mdl<>	0.003 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate (as N) [mg/L]	07-Feb-25	09:14	10-Feb-25	10:55	10	0.006	0.007	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Nitrate + Nitrite (as N) [mg/L]	07-Feb-25	09:14	10-Feb-25	10:55		0.006	0.007	0.006 <mdl< td=""><td></td><td></td><td></td></mdl<>			
Trihalomethanes (total) [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31	100 (RAA)	0.37			8.7		5.2
Bromodichloromethane [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.26			2.1		1.1
Bromoform [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.34			0.34 <mdl< td=""><td></td><td>0.34 <mdl< td=""></mdl<></td></mdl<>		0.34 <mdl< td=""></mdl<>
Chloroform [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.29			6.0		4.1
Dibromochloromethane [ug/L]	10-Feb-25	10:09	11-Feb-25	10:31		0.37			0.60		0.37 <mdl< td=""></mdl<>
Total Haloacetic Acids (HAA5) [ug/L]	13-Feb-25	10:02	14-Feb-25	13:03	80 (RAA)	5.3				5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>
Chloroacetic Acid [ug/L]	13-Feb-25	10:02	14-Feb-25	13:03		4.7				4.7 < MDL	4.7 <mdl< td=""></mdl<>
Bromoacetic Acid [ug/L]	13-Feb-25	10:02	14-Feb-25	13:03		2.9				2.9 <mdl< td=""><td>2.9 <mdl< td=""></mdl<></td></mdl<>	2.9 <mdl< td=""></mdl<>
Dichloroacetic Acid [ug/L]	13-Feb-25	10:02	14-Feb-25	13:03		2.6				2.6 <mdl< td=""><td>2.6 <mdl< td=""></mdl<></td></mdl<>	2.6 <mdl< td=""></mdl<>
Dibromoacetic Acid [ug/L]	13-Feb-25	10:02	14-Feb-25	13:03		2.0				2.0 <mdl< td=""><td>2.0 <mdl< td=""></mdl<></td></mdl<>	2.0 <mdl< td=""></mdl<>
Trichloroacetic Acid [ug/L]	13-Feb-25	10:02	14-Feb-25	13:03		5.3				5.3 <mdl< td=""><td>5.3 <mdl< td=""></mdl<></td></mdl<>	5.3 <mdl< td=""></mdl<>

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



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

Works #: 220002663

LR Report :

CA30095-FEB25

#### Method Descriptions

Units	Description	SGS Method Code
ug/L	Arsenic 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,