



CASH CLIENTS - WATERLOO
ATTN: DAVE DOLSON
MILLER LAKE COMMUNITY GROUP
427 BRENTCLIFFE DR
WATERLOO ON N2T 2J6

Date Received: 02-AUG-16
Report Date: 04-AUG-16 10:21 (MT)
Version: FINAL

Client Phone: 519-404-3956

Certificate of Analysis

Lab Work Order #: L1806631
Project P.O. #: PAID BY CREDIT CARD
Job Reference:
C of C Numbers:
Legal Site Desc:

Danielle Walker
Account Manager

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ADDRESS: 60 Northland Road, Unit 1, Waterloo, ON N2V 2B8 Canada | Phone: +1 519 886 6910 | Fax: +1 519 886 9047
ALS CANADA LTD Part of the ALS Group A Campbell Brothers Limited Company

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1806631-1 25- E OF PUBLIC ACCESS Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:25 Matrix: WATER Bacteriological Tests E. Coli	1		0	CFU/100mL		03-AUG-16	R3518146
L1806631-2 26- DOLSON/HALIDAY Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:30 Matrix: WATER Bacteriological Tests E. Coli	2		0	CFU/100mL		03-AUG-16	R3518146
L1806631-3 27- N.E BAY Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:34 Matrix: WATER Bacteriological Tests E. Coli	2		0	CFU/100mL		03-AUG-16	R3518146
L1806631-4 29- STONE WALL Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:38 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-5 31 - TAMMY'S COVE SWIM PLATFORM Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:40 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-6 32- RANDY GULLIVERS Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:42 Matrix: WATER Bacteriological Tests E. Coli	2		0	CFU/100mL		03-AUG-16	R3518146
L1806631-7 36 - N OF COTTAGE POINT Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:45 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-8 37- BAY S. OF COTTAGE POINT Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:48 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-9 40-WHITE BOAT HOUSE Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:52 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-10 41-STAIRWAY TO HEAVEN Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:58 Matrix: WATER Bacteriological Tests							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1806631-10 41-STAIRWAY TO HEAVEN Sampled By: DAVID DOLSON on 01-AUG-16 @ 09:58 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-11 42.5-DOLL'S BAR & GRILL Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:02 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-12 44-TIMBRE FRAME Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:05 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-13 45-LAST HOUSE ON TAMMY'S COVE RD. Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:12 Matrix: WATER Bacteriological Tests E. Coli	16		0	CFU/100mL		03-AUG-16	R3518146
L1806631-14 46-LONE BAY Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:18 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-15 1-W. PUBLIC ACCESS Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:24 Matrix: WATER Bacteriological Tests E. Coli	19		0	CFU/100mL		03-AUG-16	R3518146
L1806631-16 3-COATES-V1 Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:30 Matrix: WATER Bacteriological Tests E. Coli	8		0	CFU/100mL		03-AUG-16	R3518146
L1806631-17 6- MILLER'S FAMILY CAMP Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:35 Matrix: WATER Bacteriological Tests E. Coli	0		0	CFU/100mL		03-AUG-16	R3518146
L1806631-18 8-PUBLIC ACCESS-LESCHACK Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:40 Matrix: WATER Bacteriological Tests E. Coli	3		0	CFU/100mL		03-AUG-16	R3518146
L1806631-19 11- PUBLIC ACCESS #2 Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:45 Matrix: WATER Bacteriological Tests							

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

ALS ENVIRONMENTAL ANALYTICAL REPORT

Sample Details/Parameters	Result	Qualifier*	D.L.	Units	Extracted	Analyzed	Batch
L1806631-19 11- PUBLIC ACCESS #2 Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:45 Matrix: WATER Bacteriological Tests E. Coli	1		0	CFU/100mL		03-AUG-16	R3518146
L1806631-20 15-SUMMER HOUSE PARK Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:50 Matrix: WATER Bacteriological Tests E. Coli	2		0	CFU/100mL		03-AUG-16	R3518146
L1806631-21 18-BAPTIST CAMP SWIM BEACH Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:54 Matrix: WATER Bacteriological Tests E. Coli	1		0	CFU/100mL		03-AUG-16	R3518146
L1806631-22 19-BECCAREA Sampled By: DAVID DOLSON on 01-AUG-16 @ 10:56 Matrix: WATER Bacteriological Tests E. Coli	2		0	CFU/100mL		03-AUG-16	R3518146
L1806631-23 22-PUBLIC ACCESS BY HILL Sampled By: DAVID DOLSON on 01-AUG-16 @ 11:00 Matrix: WATER Bacteriological Tests E. Coli	6		0	CFU/100mL		03-AUG-16	R3518146
L1806631-24 23-GAZEBO IN COVE Sampled By: DAVID DOLSON on 01-AUG-16 @ 11:04 Matrix: WATER Bacteriological Tests E. Coli	7		0	CFU/100mL		03-AUG-16	R3518146

* Refer to Referenced Information for Qualifiers (if any) and Methodology.

Reference Information

Test Method References:

ALS Test Code	Matrix	Test Description	Method Reference**
EC-MF-WT	Water	E. coli	SM 9222D
A 100 mL volume of sample is filtered through a membrane, the membrane is placed on mFC-BCIG agar and incubated at 44.5 – 0.2 °C for 24 – 2 h. Method ID: WT-TM-1200			

** ALS test methods may incorporate modifications from specified reference methods to improve performance.

The last two letters of the above test code(s) indicate the laboratory that performed analytical analysis for that test. Refer to the list below:

Laboratory Definition Code	Laboratory Location
WT	ALS ENVIRONMENTAL - WATERLOO, ONTARIO, CANADA

Chain of Custody Numbers:

GLOSSARY OF REPORT TERMS

Surrogates are compounds that are similar in behaviour to target analyte(s), but that do not normally occur in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery. In reports that display the D.L. column, laboratory objectives for surrogates are listed there.

mg/kg - milligrams per kilogram based on dry weight of sample

mg/kg wwt - milligrams per kilogram based on wet weight of sample

mg/kg lwt - milligrams per kilogram based on lipid weight of sample

mg/L - unit of concentration based on volume, parts per million.

< - Less than.

D.L. - The reporting limit.

N/A - Result not available. Refer to qualifier code and definition for explanation.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical results in unsigned test reports with the DRAFT watermark are subject to change, pending final QC review.




ALS Environmental

60 NORTHLAND ROAD, UNIT 1
WATERLOO, ON N2V 2B8
Phone: (519) 886-6910
Fax: (519) 886-9047
CANADA TOLL FREE: 1-800-668-9878

CHAIN OF CUSTODY / ANALYTICAL SERVICES REQUEST FORM

Note: All TAT quoted material is in business days.
TAT on samples received past 3:00pm or on
Saturday/Sunday begin the next day

Service Requested		2 day TAT (50%)	
5 day (Regular)	X	Next Day TAT (100%)	
3-4 day TAT (25%)		Same Day TAT (200%)	

COMPANY NAME CASH CLIENT 15161		CRITERIA Criteria on report (y/n)		ANALYSIS REQUEST				INDICATE BOTTLES FIELD FILTERED/ <input type="checkbox"/> PRESERVED (F/P)	
CONTACT DAVE DOLSON		Reg 511 Table _____		 L1806631-COFC				SUBMISSION # C1306631	
ADDRESS Miller Lake Community Group 427 brentcliffe Dr. Waterloo, ON. N2T 2J6		TCLP _____ MISA _____ PWQO _____						ENTERED BY: MD	
PHONE# 519-404-3956		OTHER REPORT DISTRIBUTION _____ ALL FINAL RESULTS WILL BE MAILED		DATE/TIME ENTERED: 2 Aug 16		BIN #		COMMENTS	
QUOTE# <i>see cash payment form</i>		EMAIL_X _____ FAX _____		DATE/TIME ENTERED: 2 Aug 16		BIN #		LAB ID	
SAMPLING INFORMATION		EMAIL1 ddolson@sandvine.com		NUMBER OF CONTAINERS		E. COLI (MF)			
Sample Date/Time		EMAIL2 ddolson@golden.net		E. COLI (MF)		E. COLI (MF)			
TYPE		SELECT: pdf _____ digital _____ both X		E. COLI (MF)		E. COLI (MF)			
MATRIX		SAMPLE DESCRIPTION TO APPEAR ON REPORT		E. COLI (MF)		E. COLI (MF)			
Date (yy/mm/dd)	Time (24 hr)	COMP	GRAB	WATER	SOIL	OTHER			
16/08/01	9:25			X			25 - E. of PUBLIC ACCESS	1	X
"	9:30			X			26 - DOLSON / HALIDAY	1	X
"	9:34			X			27 - N.E BAY	1	X
"	9:38			X			29 - STONE WALL	1	X
"	9:40			X			31 - TAMMY'S CONE SWIM PLATFORM	1	X
"	9:42			X			32 - RANDY GULLIVERS	1	X
"	9:45			X			36 - N OF COTTAGE POINT	1	X
"	9:48			X			37 - BAY S. OF COTTAGE POINT	1	X
"	9:52			X			40 - WHITE BOAT HOUSE	1	X
"	9:58			X			41 - STAIRWAY to HEAVEN	1	X
"	10:02			X			42.5 - DOLL'S BAR + GRILL U	1	X
"	10:05			X			44 - TIMORE FRAME	1	X
"	10:12			X			45 - LAST HOUSE ON TAMMY'S COVER RD	1	X
SPECIAL INSTRUCTIONS/COMMENTS								SAMPLE CONDITION	
Are samples taken from a regulated DW system? YES: _____ NO: X								FROZEN	MEAN TEMP
Are samples for human drinking water use? YES: _____ NO: X								COLD	14.2
								AMBIENT	
SAMPLED BY: DAVID DOLSON		DATE & TIME		RECEIVED BY:		DATE & TIME		CONDITION ACCEPTABLE UPON RECEIPT (Y/N)	
RELINQUISHED BY: <i>David Dolson</i>		DATE & TIME		RECEIVED AT LAB BY: <i>ca</i>		DATE & TIME Aug 2, 16 9:05		INIT <i>ca</i>	
NOTES AND CONDITIONS:									
1. Quote number must be provided to ensure proper pricing.			2. TAT may vary dependent on complexity of analysis and lab workload at time of submission. Please contact the lab to confirm TATs.			3. Any known or suspected hazards relating to a sample must be noted on the chain of custody in comments section.			



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Service Requested		2 day TAT (50%)	
5 day (Regular)	<input checked="" type="checkbox"/>	Next Day TAT (100%)	
3-4 day TAT (25%)		Same Day TAT (200%)	

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