



Disinfection Test Form

A&A Testing Ltd.

#102 3077 - 188 Street

Surrey, BC V3Z 9V5

P: (604) 385-4328 | F: (604) 385-4329

E: info@a-atesting.com

www.a-atesting.com

Location of Project: 19945 Brydon Cres. Langley

Municipal Project Number: 18392-000-M

Disinfection Test:

Chlorinated by: Taylor Reed

Date of Test: July, 23/21 Chlorine Level: 70-100 (ppm, Mg/l)

Pipe Size: 150^Ø Section Tested: 50 +/- (meters)

Services Connections, Hydrants, ect. Treated: YES _____ NO _____ N/A

Residual Chlorine level after 24hrs: Contact Time 7 70 (ppm, Mg/l)

(if less than 25 ppm re-chlorination is required)

Date Line Flushed: July, 27, 2021 Firm: A&A Testing

Date Sample taken for Bacteriological Test: July, 28+29/21 Firm: A&A Testing

(NOT TO BE TAKEN FOR A MINIMUM OF 16HRS AFTE FLUSHING)

Sample Locations: 1) b/o @ Tie in Point

2) Header in Mechanical Room

3) _____

Comments:

Analytical Report

Bill To: A & A Testing 3077 188 Street Surrey, BC, Canada V3Z 9V5	Project ID: Elegant Mechanical Project Name: The Atrium Project Location: 19945 Brydon Cres LSD: Langley P.O.: Proj. Acct. code:	Lot ID: 1508964 Control Number: Date Received: Jul 28, 2021 Date Reported: Jul 29, 2021 Report Number: 2645773
Attn: Invoicing Sampled By: Company:		

Reference Number	1508964-1
Sample Date	July 28, 2021
Sample Time	08:35
Sample Location	
Sample Description	B/O @ Tie IN Point / 17.7 °C
Sample Matrix	Drinking Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Microbiological Analysis					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL Below MAC

Analytical Report

Bill To: A & A Testing 3077 188 Street Surrey, BC, Canada V3Z 9V5	Project ID: Elegant Mechanical Project Name: The Atrium Project Location: 19945 Brydon Cres LSD: Langley P.O.: Proj. Acct. code:	Lot ID: 1508964 Control Number: Date Received: Jul 28, 2021 Date Reported: Jul 29, 2021 Report Number: 2645773
Attn: Invoicing		
Sampled By:		
Company:		

Reference Number	1508964-2
Sample Date	July 28, 2021
Sample Time	08:40
Sample Location	
Sample Description	Header in Mechanical Room / 17.7 °C
Sample Matrix	Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Microbiological Analysis						
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC

Approved by:



 Max Hewitt
 Operations Manager

Data have been validated by Analytical Quality Control and Element's Integrated Data Validation System (IDVS).
 Generation and distribution of the report, and approval by the digitized signature above, are performed through a secure and controlled automatic process.

Methodology and Notes

Bill To: A & A Testing 3077 188 Street Surrey, BC, Canada V3Z 9V5	Project ID: Elegant Mechanical Project Name: The Atrium Project Location: 19945 Brydon Cres LSD: Langley P.O.: Proj. Acct. code:	Lot ID: 1508964 Control Number: Date Received: Jul 28, 2021 Date Reported: Jul 29, 2021 Report Number: 2645773
Attn: Invoicing Sampled By: Company:		

Method of Analysis

Method Name	Reference	Method	Date Analysis Started	Location
Total and E-Coli - Colilert - DW (VAN)	APHA	Enzyme Substrate Test, APHA 9223 B	Jul 28, 2021	Element Vancouver

References

APHA Standard Methods for the Examination of Water and Wastewater

Guidelines

Guideline Description Health Canada GCDWQ
Guideline Source Guidelines for Canadian Drinking Water Quality, Health Canada, Sept 2020
Guideline Comments MAC = Maximum Acceptable Concentration
AO = Aesthetic Objective
OG = Operational Guideline for Water Treatment Plants
(does not apply to private groundwater wells).
Refer to Health Canada for complete guidelines at www.hc-sc.gc.ca

Comments:

- Jul 28, 2021 - Sample was received within one hour of collection. Received temperature is not expected to adversely affect the microbiology results.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services group.
Results relate only to samples as submitted.

The test report shall not be reproduced except in full, without the written approval of the laboratory.

Analytical Report

Bill To: A & A Testing 3077 188 Street Surrey, BC, Canada V3Z 9V5	Project ID: Elegant Mechanical Project Name: The Atrium Project Location: 19945 Brydon Cres LSD: Langley P.O.: Proj. Acct. code:	Lot ID: 1509300 Control Number: Date Received: Jul 29, 2021 Date Reported: Jul 30, 2021 Report Number: 2646264
Attn: Invoicing Sampled By: Company:		

Reference Number	1509300-1
Sample Date	July 29, 2021
Sample Time	09:48
Sample Location	
Sample Description	B/O @ Tie IN Point / 9.6 °C
Sample Matrix	Drinking Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Microbiological Analysis					
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL Below MAC

Analytical Report

Bill To: A & A Testing 3077 188 Street Surrey, BC, Canada V3Z 9V5	Project ID: Elegant Mechanical Project Name: The Atrium Project Location: 19945 Brydon Cres LSD: Langley P.O.: Proj. Acct. code:	Lot ID: 1509300 Control Number: Date Received: Jul 29, 2021 Date Reported: Jul 30, 2021 Report Number: 2646264
Attn: Invoicing Sampled By: Company:		

Reference Number	1509300-2
Sample Date	July 29, 2021
Sample Time	09:51
Sample Location	
Sample Description	Header in Mechanical Room / 9.6 °C
Sample Matrix	Drinking Water

Analyte	Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments	
Microbiological Analysis						
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC

Approved by: 

Max Hewitt
 Operations Manager

Methodology and Notes

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Method Name	Reference	Method	Date Analysis Started	Location
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References

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Guidelines

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