



**CLIENT NAME: REGION OF QUEENS MUNICIPALITY
345 ROY TURNER ROAD
LIVERPOOL, NS B0T1K0
(902) 354-3455**

**ATTENTION TO: ADAM GRANT
PROJECT:**

AGAT WORK ORDER: 25X384600

WATER ANALYSIS REVIEWED BY: Kaliegh Cullen, Report Writer

DATE REPORTED: Dec 22, 2025

PAGES (INCLUDING COVER): 10

VERSION*: 1

Should you require any information regarding this analysis please contact your client services representative at (902) 468-8718

***Notes**

Empty box for notes.

Disclaimer:

- All work conducted herein has been done using accepted standard protocols, and generally accepted practices and methods. AGAT test methods may incorporate modifications from the specified reference methods to improve performance.
- All samples will be disposed of within 30 days after receipt unless a Long Term Storage Agreement is signed and returned. Some specialty analysis may be exempt, please contact your Client Project Manager for details.
- AGAT's liability in connection with any delay, performance or non-performance of these services is only to the Client and does not extend to any other third party. Unless expressly agreed otherwise in writing, AGAT's liability is limited to the actual cost of the specific analysis or analyses included in the services.
- This Certificate shall not be reproduced except in full, without the written approval of the laboratory.
- The test results reported herewith relate only to the samples as received by the laboratory.
- Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to, warranties of merchantability, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All reportable information is available on request from AGAT Laboratories, in accordance with ISO/IEC 17025:2017, ISO/IEC 17025:2005 (Quebec), DR-12-PALA and/or NELAP Standards.
- This document is signed by an authorized signatory who meets the requirements of the MELCCFP, CALA, CCN and NELAP.
- For environmental samples in the Province of Quebec: The analysis is performed on and results apply to samples as received. A temperature above 6°C upon receipt, as indicated in the Sample Reception Notification (SRN), could indicate the integrity of the samples has been compromised if the delay between sampling and submission to the laboratory could not be minimized.



Certificate of Analysis

AGAT WORK ORDER: 25X384600

PROJECT:

11 Morris Drive, Unit 122
 Dartmouth, Nova Scotia
 CANADA B3B 1M2
 TEL (902)468-8718
 FAX (902)468-8924
<http://www.agatlabs.com>

CLIENT NAME: REGION OF QUEENS MUNICIPALITY

ATTENTION TO: ADAM GRANT

SAMPLING SITE:

SAMPLED BY:

Standard Water Analysis + Total Metals

DATE RECEIVED: 2025-12-15

DATE REPORTED: 2025-12-22

Parameter	Unit	SOUTH QUEENS WATER TREATMENT							
		SAMPLE DESCRIPTION:		WORKS DEPT	TREATMENT	OLD COBB	SCHOOL ST.	BROOKLYN	RAW WATER
		SAMPLE TYPE:		Water	Water	Water	Water	Water	Water
		DATE SAMPLED:		2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00
		G / S	RDL	7344785	7344786	7344787	7344788	7344789	7344790
pH	pH Units	7.0-10.5		5.40	5.33	5.28	5.32	5.30	4.85
Reactive Silica as SiO2	mg/L		0.5	2.6	2.5	2.7	2.6	2.6	2.6
Chloride	mg/L	250 AO	1	14	14	14	14	13	6
Fluoride	mg/L	1.5	0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
Sulphate	mg/L	500 AO	2	4	4	4	4	4	2
Alkalinity	mg/L		5	5	5	6	6	6	<5
True Color	TCU	15 AO	5	<5	<5	<5	<5	<5	21
Turbidity	NTU	1.0	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.9
Electrical Conductivity	umho/cm		1	75	74	75	75	76	37
Nitrate + Nitrite as N	mg/L		0.05	0.44	0.50	0.27	0.75	0.27	0.29
Nitrate as N	mg/L	10	0.05	0.44	0.25	0.27	0.52	0.10	0.11
Nitrite as N	mg/L	1.0	0.05	<0.05	0.25	<0.05	0.23	0.17	0.18
Ammonia as N	mg/L		0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Total Organic Carbon	mg/L		0.50	2.0	2.1	1.9	2.0	1.9	5.8
Ortho-Phosphate as P	mg/L		0.01	0.14	0.16	0.15	0.16	0.16	<0.01
Total Sodium	mg/L	200 AO	0.1	13.6	12.7	12.7	13.2	12.8	5.1
Total Potassium	mg/L		0.1	0.8	1.0	0.8	0.8	0.8	1.1
Total Calcium	mg/L		0.1	1.0	0.9	1.0	0.8	0.7	0.7
Total Magnesium	mg/L		0.1	0.7	0.6	0.6	0.7	0.6	0.7
Bicarb. Alkalinity (as CaCO3)	mg/L		5	5	5	6	6	6	<5
Carb. Alkalinity (as CaCO3)	mg/L		10	<10	<10	<10	<10	<10	<10
Hydroxide	mg/L		5	<5	<5	<5	<5	<5	<5
Calculated TDS	mg/L		1	40	39	38	41	37	17
Hardness	mg/L			5.4	4.7	5.0	4.9	4.2	4.6
Langelier Index (@20C)	NA			-5.45	-5.56	-5.49	-5.55	-5.62	-6.12

Certified By:

Kaleigh Cullen



Certificate of Analysis

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Parameter	Unit	SOUTH QUEENS WATER TREATMENT							
		SAMPLE DESCRIPTION:		WORKS DEPT	TREATMENT	OLD COBB	SCHOOL ST.	BROOKLYN	RAW WATER
		SAMPLE TYPE:		Water	Water	Water	Water	Water	Water
		DATE SAMPLED:		2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00	2025-12-10 14:00
		G / S	RDL	7344785	7344786	7344787	7344788	7344789	7344790
Langelier Index (@ 4C)	NA			-5.77	-5.88	-5.81	-5.87	-5.94	-6.44
Saturation pH (@ 20C)	NA			10.8	10.9	10.8	10.9	10.9	11.0
Saturation pH (@ 4C)	NA			11.2	11.2	11.1	11.2	11.2	11.3
Anion Sum	me/L			0.61	0.61	0.62	0.65	0.59	0.23
Cation sum	me/L			0.74	0.69	0.69	0.71	0.68	0.40
% Difference/ Ion Balance	%			9.8	5.7	5.5	4.0	7.0	26.2
Total Aluminum	ug/L	2900, 100	5	34	38	33	25	32	253
Total Antimony	ug/L	6	2	<2	<2	<2	<2	<2	<2
Total Arsenic	ug/L	10	2	<2	<2	<2	<2	<2	<2
Total Barium	ug/L	2000	5	<5	<5	<5	<5	<5	<5
Total Beryllium	ug/L		2	<2	<2	<2	<2	<2	<2
Total Bismuth	ug/L		2	<2	<2	<2	<2	<2	<2
Total Boron	ug/L	5000	50	<50	<50	<50	<50	<50	<50
Total Cadmium	ug/L	7	0.09	<0.09	<0.09	<0.09	<0.09	<0.09	<0.09
Total Chromium	ug/L	50	1	<1	<1	<1	<1	<1	<1
Total Cobalt	ug/L		1	<1	<1	<1	<1	<1	<1
Total Copper	ug/L	2000, 1000	1	11	16	1	<1	<1	<1
Total Iron	ug/L	100 AO	50	197	<50	<50	<50	<50	280
Total Lead	ug/L	5	0.5	<0.5	<0.5	0.6	<0.5	<0.5	<0.5
Total Manganese	ug/L	120, 20 AO	2	13	26	8	6	3	47
Total Molybdenum	ug/L		2	<2	<2	<2	<2	<2	<2
Total Nickel	ug/L		2	<2	<2	<2	<2	<2	<2
Total Phosphorous	mg/L		0.02	0.70	0.64	0.68	0.70	0.68	0.55
Total Selenium	ug/L	50	1	<1	<1	<1	<1	<1	<1
Total Silver	ug/L		0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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Standard Water Analysis + Total Metals

DATE RECEIVED: 2025-12-15

DATE REPORTED: 2025-12-22

Parameter	Unit	SOUTH QUEENS WATER TREATMENT		OLD COBB BARN RD		SCHOOL ST. SAMPLE STATION		BROOKLYN SAMPLE STATION		RAW WATER	
		G / S	RDL	7344785	7344786	7344787	7344788	7344789	7344790	7344790	7344790
Total Strontium	ug/L	7000	5	9	8	9	8	8	8	9	9
Total Thallium	ug/L		0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Tin	ug/L		2	<2	<2	<2	<2	<2	<2	<2	<2
Total Titanium	ug/L		2	<2	<2	<2	<2	<2	<2	2	2
Total Uranium	ug/L	20	0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Total Vanadium	ug/L		2	<2	<2	<2	<2	<2	<2	<2	<2
Total Zinc	ug/L	5000 AO	5	239	199	250	233	255	255	6	6

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard: Refers to Canadian Drinking Water Quality - updated 2025-04
 Guideline values are for general reference only. The guidelines provided may or may not be relevant for the intended use. Refer directly to the applicable standard for regulatory interpretation.

7344785-7344789 % Difference / Ion Balance, Hardness, Langelier Index, Nitrate + Nitrite, Hydroxide and Saturation pH are calculated parameters. The calculated parameters are non-accredited. The component parameters of the calculations are accredited.
 pH has been analyzed past the recommended holding time of 15 minutes from sampling. Field measurement recommended for most accurate result

7344790 % Difference / Ion Balance, Hardness, Langelier Index, Nitrate + Nitrite, Hydroxide and Saturation pH are calculated parameters. The calculated parameters are non-accredited. The component parameters of the calculations are accredited.
 pH has been analyzed past the recommended holding time of 15 minutes from sampling. Field measurement recommended for most accurate result
 The cation and anion sums are at, or below, 1 me/L, therefore the acceptable criteria is a difference of less than 0.3me/L.

Analysis performed at AGAT Halifax (unless marked by *)

Certified By:

Kateigh Cullen



Exceedance Summary

AGAT WORK ORDER: 25X384600

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SAMPLEID	SAMPLE TITLE	GUIDELINE	ANALYSIS PACKAGE	PARAMETER	UNIT	GUIDEVALUE	RESULT
7344785	WORKS DEPT	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	Total Iron	ug/L	100 AO	197
7344785	WORKS DEPT	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	pH	pH Units	7.0-10.5 OG	5.40
7344786	SOUTH QUEENS WATER TREATMENT FACILITY	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	pH	pH Units	7.0-10.5 OG	5.33
7344787	OLD COBB BARN RD	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	pH	pH Units	7.0-10.5 OG	5.28
7344788	SCHOOL ST. SAMPLE STATION	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	pH	pH Units	7.0-10.5 OG	5.32
7344789	BROOKLYN SAMPLE STATION	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	pH	pH Units	7.0-10.5 OG	5.30
7344790	RAW WATER	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	Total Iron	ug/L	100 AO	280
7344790	RAW WATER	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	True Color	TCU	15 AO	21
7344790	RAW WATER	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	Turbidity	NTU	1.0	1.9
7344790	RAW WATER	NS-CDWQ incl [AO]	Standard Water Analysis + Total Metals	pH	pH Units	7.0-10.5 OG	4.85

Quality Assurance

CLIENT NAME: REGION OF QUEENS MUNICIPALITY

AGAT WORK ORDER: 25X384600

PROJECT:

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SAMPLING SITE:

SAMPLED BY:

Water Analysis															
RPT Date: Dec 22, 2025			DUPLICATE				Method Blank	REFERENCE MATERIAL			METHOD BLANK SPIKE		MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Measured Value		Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits	
								Lower	Upper		Lower	Upper		Lower	Upper

Standard Water Analysis + Total Metals

pH	7344785	7344785	5.40	5.32	1.6%	<	101%	80%	120%	NA			NA		
Reactive Silica as SiO2	7336065		5.3	5.2	1.0%	< 0.5	99%	80%	120%	106%	80%	120%	104%	80%	120%
Chloride	7344786	7344786	14	13	3.8%	< 1	91%	80%	120%	NA	80%	120%	NA	70%	130%
Fluoride	7344786	7344786	<0.12	<0.12	NA	< 0.12	98%	80%	120%	NA	80%	120%	83%	70%	130%
Sulphate	7344786	7344786	4	4	NA	< 2	87%	80%	120%	NA	80%	120%	86%	70%	130%
Alkalinity	7344785	7344785	5	6	NA	< 5	115%	80%	120%	NA			NA		
True Color	7336065		11	11	NA	< 5	106%	80%	120%	105%	80%	120%	NA		
Turbidity	7336814	7336814	0.53	0.63	NA	< 0.5	93%	80%	120%						
Electrical Conductivity	7344785	7344785	75	74	0.5%	< 1	99%	90%	110%	NA			NA		
Nitrate as N	7344786	7344786	0.25	0.25	NA	< 0.05	98%	80%	120%	NA	80%	120%	115%	70%	130%
Nitrite as N	7344786	7344786	0.25	0.31	19.6%	< 0.05	95%	80%	120%	NA	80%	120%	107%	70%	130%
Ammonia as N	7344785	7344785	<0.03	<0.03	NA	< 0.03	103%	80%	120%	97%	80%	120%	101%	70%	130%
Total Organic Carbon	7336997		1.0	1.0	NA	< 0.5	97%	80%	120%	NA	80%	120%	99%	80%	120%
Ortho-Phosphate as P	7336065		<0.01	<0.01	NA	< 0.01	89%	80%	120%	93%	80%	120%	94%	80%	120%
Total Sodium	7344839		4.9	5.1	3.7%	< 0.1	112%	70%	130%	109%	80%	120%	120%	70%	130%
Total Potassium	7344839		1.1	1.2	4.1%	< 0.1	114%	70%	130%	113%	80%	120%	117%	70%	130%
Total Calcium	7344839		0.7	0.8	18.0%	< 0.1	107%	70%	130%	106%	80%	120%	115%	70%	130%
Total Magnesium	7344839		0.7	0.7	1.2%	< 0.1	110%	80%	130%	107%	80%	120%	118%	70%	130%
Bicarb. Alkalinity (as CaCO3)	7344785	7344785	5	6	NA	< 5	NA	80%	120%	NA			NA		
Carb. Alkalinity (as CaCO3)	7344785	7344785	<10	<10	NA	< 10	NA	80%	120%	NA			NA		
Hydroxide	7344785	7344785	<5	<5	NA	< 5	NA	80%	120%	NA			NA		
Total Aluminum	7344839		253	252	0.6%	< 5	113%	70%	130%	108%	80%	120%	NA	70%	130%
Total Antimony	7344839		<2	<2	NA	< 2	102%	70%	130%	99%	80%	120%	109%	70%	130%
Total Arsenic	7344839		<2	<2	NA	< 2	107%	70%	130%	106%	80%	120%	114%	70%	130%
Total Barium	7344839		<5	<5	NA	< 5	102%	70%	130%	100%	80%	120%	109%	70%	130%
Total Beryllium	7344839		<2	<2	NA	< 2	119%	70%	130%	116%	80%	120%	126%	70%	130%
Total Bismuth	7344839		<2	<2	NA	< 2	109%	70%	130%	106%	80%	120%	114%	70%	130%
Total Boron	7344839		<50	<50	NA	< 50	118%	70%	130%	114%	80%	120%	127%	70%	130%
Total Cadmium	7344839		<0.09	<0.09	NA	< 0.09	104%	70%	130%	102%	80%	120%	110%	70%	130%
Total Chromium	7344839		<1	<1	NA	< 1	108%	70%	130%	108%	80%	120%	118%	70%	130%
Total Cobalt	7344839		<1	<1	NA	< 1	108%	70%	130%	106%	80%	120%	114%	70%	130%
Total Copper	7344839		<1	<1	NA	< 1	109%	70%	130%	107%	80%	120%	117%	70%	130%
Total Iron	7344839		273	276	0.9%	< 50	110%	70%	130%	106%	80%	120%	116%	70%	130%
Total Lead	7344839		<0.5	<0.5	NA	< 0.5	123%	70%	130%	108%	80%	120%	116%	70%	130%
Total Manganese	7344839		47	45	3.0%	< 2	109%	70%	130%	107%	80%	120%	116%	70%	130%
Total Molybdenum	7344839		<2	<2	NA	< 2	101%	70%	130%	98%	80%	120%	108%	70%	130%
Total Nickel	7344839		<2	<2	NA	< 2	108%	70%	130%	108%	80%	120%	117%	70%	130%
Total Phosphorous	7344839		0.53	0.50	4.9%	< 0.02	100%	70%	130%	116%	80%	120%	106%	70%	130%
Total Selenium	7344839		<1	<1	NA	< 1	100%	70%	130%	107%	80%	120%	102%	70%	130%

Quality Assurance

CLIENT NAME: REGION OF QUEENS MUNICIPALITY
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SAMPLING SITE:
SAMPLED BY:

Water Analysis (Continued)

RPT Date: Dec 22, 2025			DUPLICATE				Method Blank	REFERENCE MATERIAL			METHOD BLANK SPIKE			MATRIX SPIKE		
PARAMETER	Batch	Sample Id	Dup #1	Dup #2	RPD	Measured Value		Acceptable Limits		Recovery	Acceptable Limits		Recovery	Acceptable Limits		
								Lower	Upper		Lower	Upper		Lower	Upper	
Total Silver	7344839		<0.1	<0.1	NA	< 0.1	104%	70%	130%	104%	80%	120%	86%	70%	130%	
Total Strontium	7344839		9	9	NA	< 5	109%	70%	130%	106%	80%	120%	117%	70%	130%	
Total Thallium	7344839		<0.1	<0.1	NA	< 0.1	107%	70%	130%	106%	80%	120%	114%	70%	130%	
Total Tin	7344839		<2	<2	NA	< 2	103%	70%	130%	100%	80%	120%	111%	70%	130%	
Total Titanium	7344839		<2	<2	NA	< 2	106%	70%	130%	103%	80%	120%	116%	70%	130%	
Total Uranium	7344839		<0.2	<0.2	NA	< 0.2	105%	70%	130%	102%	80%	120%	110%	70%	130%	
Total Vanadium	7344839		<2	<2	NA	< 2	108%	70%	130%	105%	80%	120%	112%	70%	130%	
Total Zinc	7344839		8	8	NA	< 5	102%	70%	130%	102%	80%	120%	126%	70%	130%	

Comments: If RPD value is NA, the results of the duplicates are less than 5x the RDL and the RPD will not be calculated.
 Matrix spike NA: Spike level < native concentration. Matrix spike acceptance limits do not apply and are not calculated.

Standard Water Analysis + Total Metals

Ammonia as N	7349347		<0.03	<0.03	NA	< 0.03	104%	80%	120%	97%	80%	120%	100%	70%	130%
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Comments: If RPD value is NA, the results of the duplicates are less than 5x the RDL and the RPD will not be calculated.

Certified By: 

Method Summary

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SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Water Analysis			
pH	INOR-121-6001	SM 4500 H+B	PC TITRATE
Reactive Silica as SiO ₂	INOR-121-6027	SM 4500-SiO ₂ F	COLORIMETER
Chloride	INOR-121-6005	SM 4110 B	ION CHROMATOGRAPH
Fluoride	INOR-121-6005	SM 4110 B	ION CHROMATOGRAPH
Sulphate	INOR-121-6005	SM 4110 B	ION CHROMATOGRAPH
Alkalinity	INOR-121-6001	SM 2320 B	
True Color	INOR-121-6008	SM 2120 B	COLORIMETER
Turbidity	INOR-121-6001	SM 2130 B	PC TITRATE
Electrical Conductivity	INOR-121-6001	SM 2510 B	PC TITRATE
Nitrate + Nitrite as N	INOR-121-6005	SM 4110 B	CALCULATION
Nitrate as N	INOR-121-6005	SM 4110 B	ION CHROMATOGRAPH
Nitrite as N	INOR-121-6005	SM 4110 B	ION CHROMATOGRAPH
Ammonia as N	INOR-121-6047	SM 4500-NH ₃ H	COLORIMETER
Total Organic Carbon	INOR-121-6052	SM 5310 B	TOC ANALYZER
Ortho-Phosphate as P	INOR-121-6012	SM 4500-P G	COLORIMETER
Total Sodium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Potassium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Calcium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Magnesium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Bicarb. Alkalinity (as CaCO ₃)	INOR-121-6001	SM 2320 B	PC TITRATE
Carb. Alkalinity (as CaCO ₃)	INOR-121-6001	SM 2320 B	PC TITRATE
Hydroxide	INOR-121-6001	SM 2320 B	PC-TITRATE
Calculated TDS	CALCULATION	SM 1030E	CALCULATION
Hardness	CALCULATION	SM 2340B	CALCULATION
Langelier Index (@20C)	CALCULATION	CALCULATION	CALCULATION
Langelier Index (@ 4C)	CALCULATION	CALCULATION	CALCULATION
Saturation pH (@ 20C)	CALCULATION	CALCULATION	CALCULATION
Saturation pH (@ 4C)	CALCULATION	CALCULATION	CALCULATION
Anion Sum	CALCULATION	SM 1030E	CALCULATION
Cation sum	CALCULATION	SM 1030E	CALCULATION
% Difference/ Ion Balance	CALCULATION	SM 1030E	CALCULATION
Total Aluminum	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Antimony	MET121-6104 & MET-121-6105	SM 3125	ICP-MS
Total Arsenic	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Barium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Beryllium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Bismuth	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Boron	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Cadmium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS

Method Summary

CLIENT NAME: REGION OF QUEENS MUNICIPALITY
AGAT WORK ORDER: 25X384600
PROJECT:
ATTENTION TO: ADAM GRANT
SAMPLING SITE:
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Total Chromium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Cobalt	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Copper	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Iron	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Lead	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Manganese	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Molybdenum	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Nickel	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Phosphorous	MET-121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Selenium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Silver	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Strontium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Thallium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Tin	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Titanium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Uranium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Vanadium	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS
Total Zinc	MET121-6104 & MET-121-6105	modified from SM 3125/SM 3030 B/SM 3030 D	ICP-MS



AGAT Laboratories

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Dartmouth, NS
B3B 1M2

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P: 902.468.8718 • F: 902.468.8924

Chain of Custody Record

Laboratory Use Only

Arrival Condition: Good Poor (see notes)
Arrival Temperature: 16.4, 16.2, 16.0
Hold Time: _____
AGAT Job Number: CSX384600

Notes:
No THM or HAA vials

Turnaround Time Required (TAT)

Regular TAT 5 to 7 working days
Rush TAT Same day 1 day
 2 days 3 days

Date Required: 25 DEC 15 10:51 AM

Drinking Water Sample: Yes No Salt Water Sample Yes No
Reg. No.: _____

Report Information

Company: Region of Queens Municipality
Contact: Adam Grant
Address: 142 Hank Snow Drive
Liverpool NS
Phone: 902-350-2046 Fax: 902-354-7473
Client Project #: _____
AGAT Quotation: _____
Please Note: If quotation number is not provided client will be billed full price for analysis.

Report Information (Please print):

1. Name: Adam Grant
Email: agrant@regionofqueens.com
2. Name: Ben Underhill
Email: bunderhill@aiwuc.ca

Report Format

Single Sample per page
 Multiple Samples per page
 Excel Format Included
 Export

Regulatory Requirements (Check):

List Guidelines on Report Do not list Guidelines on Report
 PIRI
 Tier 1 Res Pot Coarse
 Tier 2 Com N/Pot Fine
 Gas Fuel Lube
 CCME CDWQ
 Industrial NSEQS-Cont Sites
 Commercial HRM 101
 Res/Park Storm Water
 Agricultural Waste Water
 FWAL Other _____
 Sediment

Invoice To

Same Yes / No

Company: _____
Contact: _____
Address: _____
Phone: _____ Fax: _____
PO/Credit Card#: _____

Sample Identification	Date/Time Sampled	Sample Matrix	# Containers	Comments - Site/Sample Info. Sample Containment	Field Filtered/Preserved	Standard Water Analysis	Metals: <input type="checkbox"/> Total <input type="checkbox"/> Diss <input type="checkbox"/> Available	Mercury	BOD	CBOD	pH	TSS	TDS	VSS	TKN	Total Phosphorus	Phenols	Tier 1: TPH/BTEX (PIRI) low level	Tier 2: TPH/BTEX Fractionation	CCME-CWS TPH/BTEX	VOC	THM	HAA	PAH	PCB	TC+EC	P/A	MPN	MF	HPC - Pseudomonas	Fecal Coliform - MPN	MF	Other:	Other:	Hazardous (Y/N)
Works Dept	<u>Dec/10/25 2pm</u>	DW	<u>3</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																												
South Queens Water Treatment Facility	<u>Dec/10/25 2pm</u>	DW	<u>3</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
Old Cobb Barn Rd	<u>Dec/10/25 2pm</u>	DW	<u>3</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
School St. Sample Station	<u>Dec/10/25 2pm</u>	DW	<u>3</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
Brooklyn Sample Station	<u>Dec/10/25 2pm</u>	DW	<u>3</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
Raw Water	<u>Dec/10/25 2pm</u>	RW	<u>3</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												

Samples Relinquished By (Print Name): <u>Adam Schware</u>	Date/Time: <u>Dec/17/25</u>	Samples Received By (Print Name): <u>[Signature]</u>	Date/Time: _____	Pink Copy - Client	Page <input type="text"/> of <input type="text"/>
Samples Relinquished By (Sign): <u>[Signature]</u>	Date/Time: <u>Dec/12/25</u>	Samples Received By (Sign): <u>[Signature]</u>	Date/Time: _____	Yellow Copy - AGAT	
				White Copy - AGAT	