



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

**ATTENTION TO: ADAM GRANT  
PROJECT:**

**AGAT WORK ORDER: 23X033740**

**ECOTOX ANALYSIS REVIEWED BY: Virginie Bérubé, Biologiste, AGAT Montréal**

**TRACE ORGANICS REVIEWED BY: Dylan McCarthy, Trace Organics Lab Technician**

**WATER ANALYSIS REVIEWED BY: Ashleigh Dussault, Inorganics Laboratory Supervisor**

**DATE REPORTED: Jun 28, 2023**

**PAGES (INCLUDING COVER): 15**

**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.

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SAMPLING SITE:

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### Rainbow Trout Lethality (O. mykiss) single concentration-96h

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

|                     |                 |                                |      |
|---------------------|-----------------|--------------------------------|------|
|                     |                 | SOUTH<br>QUEENS<br>WASTE WATER |      |
|                     |                 | FACILITY                       |      |
| SAMPLE DESCRIPTION: |                 | Water                          |      |
| SAMPLE TYPE:        |                 | 2023-06-08                     |      |
| DATE SAMPLED:       |                 | 5049494                        |      |
| Parameter           | Unit            | G / S                          | RDL  |
| Mortality 100% v/v  | % mortality-96h |                                | 10   |
| Acute Lethality     |                 |                                | PASS |

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard  
**5049494** Non-conformance: Analysis started past holding time (> 5days after sampling).

Refer to the appendix for analysis details.  
 Acute lethality: PASS (mortality: 50% or less)  
 Acute lethality: FAIL (mortality: more than 50%)

Analysis performed at AGAT Montréal (unless marked by \*)

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### Haloacetic Acids (water)

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

| Parameter              | Unit | SOUTH QUEEN                    |     |                          |                  |                           |                         |         |
|------------------------|------|--------------------------------|-----|--------------------------|------------------|---------------------------|-------------------------|---------|
|                        |      | SAMPLE DESCRIPTION: WORKS DEPT |     | WATER TREATMENT FACILITY | OLD COBB BARN RD | SCHOOL ST. SAMPLE STATION | BROOKLYN SAMPLE STATION |         |
|                        |      | G / S                          | RDL | 5049486                  | 5049490          | 5049491                   | 5049492                 | 5049493 |
| Chloroacetic Acid      | ug/L |                                | 0.5 | <0.5                     | <0.5             | <0.5                      | <0.5                    | <0.5    |
| Bromoacetic Acid       | ug/L |                                | 0.5 | <0.5                     | <0.5             | <0.5                      | <0.5                    | <0.5    |
| Dichloroacetic Acid    | ug/L |                                | 0.5 | 20.0                     | 17.7             | 26.1                      | 35.2                    | 39.0    |
| Trichloroacetic Acid   | ug/L |                                | 0.5 | 20.8                     | 16.4             | 28.5                      | 38.3                    | 38.2    |
| Bromochloroacetic Acid | ug/L |                                | 0.5 | 1.2                      | 1.3              | 1.5                       | 1.5                     | 1.7     |
| Dibromoacetic Acid     | ug/L |                                | 0.5 | <0.5                     | <0.5             | <0.5                      | <0.5                    | 0.5     |
| Total Haloacetic Acids | ug/L |                                | 4.0 | 42.0                     | 35.4             | 56.1                      | 75.0                    | 79.4    |
| HAA5                   | ug/L |                                | 4.0 | 40.8                     | 34.1             | 54.6                      | 73.5                    | 77.7    |
| Surrogate              | Unit | Acceptable Limits              |     |                          |                  |                           |                         |         |
| 2-Bromobutanoic acid   | %    | 70-130                         |     | 101                      | 104              | 97                        | 114                     | 104     |

Comments: RDL - Reported Detection Limit; G / S - Guideline / Standard

5049486-5049493 HAA5 is a calculated parameter. The calculated parameter is non-accredited. The component parameters of the calculation are accredited.

Analysis performed at AGAT Halifax (unless marked by \*)

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### Trihalomethane Analysis - Water

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

| Parameter             | Unit        | SOUTH QUEEN                    |       |                          |                  |                           |                         |         |
|-----------------------|-------------|--------------------------------|-------|--------------------------|------------------|---------------------------|-------------------------|---------|
|                       |             | SAMPLE DESCRIPTION: WORKS DEPT |       | WATER TREATMENT FACILITY | OLD COBB BARN RD | SCHOOL ST. SAMPLE STATION | BROOKLYN SAMPLE STATION |         |
|                       |             | G / S                          | RDL   | 5049486                  | 5049490          | 5049491                   | 5049492                 | 5049493 |
| Chloroform            | mg/L        |                                | 0.001 | 0.036                    | 0.027            | 0.050                     | 0.071                   | 0.062   |
| Bromodichloromethane  | mg/L        |                                | 0.001 | 0.003                    | 0.003            | 0.004                     | 0.006                   | 0.004   |
| Dibromochloromethane  | mg/L        |                                | 0.001 | <0.001                   | <0.001           | <0.001                    | <0.001                  | <0.001  |
| Bromoform             | mg/L        |                                | 0.001 | <0.001                   | <0.001           | <0.001                    | <0.001                  | <0.001  |
| Total Trihalomethanes | mg/L        |                                | 0.001 | 0.039                    | 0.030            | 0.054                     | 0.077                   | 0.066   |
| <b>Surrogate</b>      | <b>Unit</b> | <b>Acceptable Limits</b>       |       |                          |                  |                           |                         |         |
| Toluene-d8            | %           | 50-140                         |       | 84                       | 80               | 79                        | 80                      | 82      |

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard

**5049486-5049493** Total Trihalomethanes is a calculated parameter. The calculated value is the sum of Chloroform + Bromodichloromethane + Dibromochloromethane + Bromoform. The calculated parameter is non-accredited. The parameters that are components of the calculation are accredited.

Analysis performed at AGAT Calgary (unless marked by \*)

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### CBOD

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

|   |      | SOUTH QUEENS WASTE WATER FACILITY |     |         |
|---|------|-----------------------------------|-----|---------|
|   |      | SAMPLE DESCRIPTION: FACILITY      |     |         |
|   |      | SAMPLE TYPE: Water                |     |         |
|   |      | DATE SAMPLED: 2023-06-08          |     |         |
| Parameter                               | Unit | G / S                             | RDL | 5049494 |
| Biochemical Oxygen Demand, Carbonaceous | mg/L |                                   | 2   | 3       |

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard  
 Analysis performed at AGAT Halifax (unless marked by \*)

**Certified By:**

*Ashleigh Dussalt*



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### Standard Water Analysis + Total Metals

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

| Parameter                     | Unit    | SOUTH QUEEN   |   |                 |            |            |                |                |
|-------------------------------|---------|---|---|-----------------|------------|------------|----------------|----------------|
|                               |         | SAMPLE DESCRIPTION:<br>SAMPLE TYPE:<br>DATE SAMPLED:<br>G / S | WORKS DEPT<br>Water<br>2023-06-08<br>RDL<br>5049486 | WATER TREATMENT |            | OLD COBB   | SCHOOL ST.     | BROOKLYN       |
|                               |         |   |   | FACILITY        |            | BARN RD    | SAMPLE STATION | SAMPLE STATION |
|                               |         |   |   | Water           |            | Water      | Water          | Water          |
|                               |         |   |   | 2023-06-08      | 2023-06-08 | 2023-06-08 | 2023-06-08     | 2023-06-08     |
| 5049490                       | 5049491 | 5049492   | 5049493   |                 |            |            |                |                |
| pH                            |         |   | 6.35  | 6.05            | 6.07       | 6.13       | 5.99           |                |
| Reactive Silica as SiO2       | mg/L    | 0.5   | 2.0   | 2.1             | 2.2        | 1.9        | 2.0            |                |
| Chloride                      | mg/L    | 1   | 11  | 11              | 11         | 9          | 10             |                |
| Fluoride                      | mg/L    | 0.12  | <0.12   | <0.12           | <0.12      | <0.12      | <0.12          |                |
| Sulphate                      | mg/L    | 2   | 4   | 4               | 3          | 3          | 3              |                |
| Alkalinity                    | mg/L    | 5   | 7   | 6               | 6          | 6          | 6              |                |
| True Color                    | TCU     | 5.00  | <5.00   | <5.00           | <5.00      | <5.00      | <5.00          |                |
| Turbidity                     | NTU     | 0.50  | <0.50   | <0.50           | <0.50      | 0.76       | <0.50          |                |
| Electrical Conductivity       | umho/cm | 1   | 62  | 61              | 61         | 58         | 56             |                |
| Nitrate + Nitrite as N        | mg/L    | 0.05  | <0.05   | <0.05           | <0.05      | <0.05      | <0.05          |                |
| Nitrate as N                  | mg/L    | 0.05  | <0.05   | <0.05           | <0.05      | <0.05      | <0.05          |                |
| Nitrite as N                  | mg/L    | 0.05  | <0.05   | <0.05           | <0.05      | <0.05      | <0.05          |                |
| Ammonia as N                  | mg/L    | 0.03  | <0.03   | <0.03           | <0.03      | <0.03      | <0.03          |                |
| Total Organic Carbon          | mg/L    | 0.5   | 3.0   | 3.0             | 3.0        | 3.8        | 3.4            |                |
| Ortho-Phosphate as P          | mg/L    | 0.01  | 0.24  | 0.25            | 0.29       | 0.30       | 0.28           |                |
| Total Sodium                  | mg/L    | 0.1   | 10.7  | 10.7            | 10.7       | 10.7       | 9.6            |                |
| Total Potassium               | mg/L    | 0.1   | 0.2   | 0.2             | 0.2        | 0.2        | 0.2            |                |
| Total Calcium                 | mg/L    | 0.1   | 0.6   | 0.3             | 0.5        | 0.5        | 0.5            |                |
| Total Magnesium               | mg/L    | 0.1   | 0.3   | 0.3             | 0.3        | 0.3        | 0.4            |                |
| Bicarb. Alkalinity (as CaCO3) | mg/L    | 5   | 7   | 6               | 6          | 6          | 6              |                |
| Carb. Alkalinity (as CaCO3)   | mg/L    | 10  | <10   | <10             | <10        | <10        | <10            |                |
| Hydroxide                     | mg/L    | 5   | <5  | <5              | <5         | <5         | <5             |                |
| Calculated TDS                | mg/L    | 1   | 32  | 31              | 30         | 28         | 28             |                |
| Hardness                      | mg/L    |   | 2.7   | 2.0             | 2.5        | 2.5        | 2.9            |                |
| Langelier Index (@20C)        | NA      |   | -4.56   | -5.23           | -4.99      | -4.92      | -5.07          |                |
| Langelier Index (@ 4C)        | NA      |   | -4.88   | -5.55           | -5.31      | -5.24      | -5.39          |                |
| Saturation pH (@ 20C)         | NA      |   | 10.9  | 11.3            | 11.1       | 11.1       | 11.1           |                |

*Ashleigh  
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### Standard Water Analysis + Total Metals

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

| Parameter                 | Unit | SOUTH QUEEN         |            |                 |            |                |                |          |
|---------------------------|------|---------------------|------------|-----------------|------------|----------------|----------------|----------|
|                           |      | SAMPLE DESCRIPTION: | WORKS DEPT | WATER TREATMENT |            | OLD COBB       | SCHOOL ST.     | BROOKLYN |
|                           |      |                     |            | FACILITY        | BARN RD    | SAMPLE STATION | SAMPLE STATION |          |
|                           |      | SAMPLE TYPE:        | Water      | Water           | Water      | Water          | Water          |          |
|                           |      | DATE SAMPLED:       | 2023-06-08 | 2023-06-08      | 2023-06-08 | 2023-06-08     | 2023-06-08     |          |
| G / S                     | RDL  | 5049486             | 5049490    | 5049491         | 5049492    | 5049493        |                |          |
| Saturation pH (@ 4C)      | NA   |                     | 11.2       | 11.6            | 11.4       | 11.4           | 11.4           |          |
| Anion Sum                 | me/L |                     | 0.53       | 0.51            | 0.49       | 0.44           | 0.46           |          |
| Cation sum                | me/L |                     | 0.56       | 0.55            | 0.55       | 0.56           | 0.52           |          |
| % Difference/ Ion Balance | %    |                     | 2.6        | 3.2             | 5.9        | 12.2           | 5.6            |          |
| Total Aluminum            | ug/L | 5                   | 210        | 229             | 174        | 180            | 156            |          |
| Total Antimony            | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Arsenic             | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Barium              | ug/L | 5                   | <5         | <5              | <5         | <5             | 6              |          |
| Total Beryllium           | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Bismuth             | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Boron               | ug/L | 5                   | 39         | 17              | 12         | 9              | 9              |          |
| Total Cadmium             | ug/L | 0.09                | <0.09      | <0.09           | <0.09      | <0.09          | <0.09          |          |
| Total Chromium            | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Cobalt              | ug/L | 1                   | <1         | <1              | <1         | <1             | <1             |          |
| Total Copper              | ug/L | 2                   | 7          | 15              | <2         | 4              | <2             |          |
| Total Iron                | ug/L | 50                  | <50        | <50             | <50        | 150            | <50            |          |
| Total Lead                | ug/L | 0.5                 | <0.5       | <0.5            | <0.5       | <0.5           | <0.5           |          |
| Total Manganese           | ug/L | 2                   | <2         | 21              | <2         | 16             | <2             |          |
| Total Molybdenum          | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Nickel              | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Phosphorous         | mg/L | 0.07                | 0.47       | 0.47            | 0.46       | 0.50           | 0.56           |          |
| Total Selenium            | ug/L | 1                   | <1         | <1              | <1         | <1             | <1             |          |
| Total Silver              | ug/L | 0.1                 | <0.1       | <0.1            | <0.1       | <0.1           | <0.1           |          |
| Total Strontium           | ug/L | 5                   | 6          | <5              | 5          | 6              | 7              |          |
| Total Thallium            | ug/L | 0.1                 | <0.1       | <0.1            | <0.1       | <0.1           | <0.1           |          |
| Total Tin                 | ug/L | 2                   | <2         | <2              | <2         | <2             | <2             |          |
| Total Titanium            | ug/L | 3                   | <3         | <3              | <3         | <3             | <3             |          |

**Certified By:**

*Ashleigh Dussalt*



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### Standard Water Analysis + Total Metals

DATE RECEIVED: 2023-06-08

DATE REPORTED: 2023-06-28

| Parameter      | Unit | SOUTH QUEEN  |                                   |  |  |   |   |       |     |         |         |         |         |         |
|----------------|------|--|-----------------------------------|--|--|---|---|-------|-----|---------|---------|---------|---------|---------|
|                |      | SAMPLE DESCRIPTION:<br>SAMPLE TYPE:<br>DATE SAMPLED: | WORKS DEPT<br>Water<br>2023-06-08 | WATER TREATMENT<br>FACILITY<br>Water<br>2023-06-08 | OLD COBB<br>BARN RD<br>Water<br>2023-06-08 | SCHOOL ST.<br>SAMPLE STATION<br>Water<br>2023-06-08 | BROOKLYN<br>SAMPLE STATION<br>Water<br>2023-06-08 | G / S | RDL |         |         |         |         |         |
|                |      |  |                                   |  |  |   |   |       |     | 5049486 | 5049490 | 5049491 | 5049492 | 5049493 |
|                |      |  |                                   |  |  |   |   |       |     |         |         |         |         |         |
| Total Uranium  | ug/L | 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    |     |         |         |         |         |         |
| Total Zinc     | ug/L | 5  | 447                               | 339  | 489  | 374   | 693   |       |     |         |         |         |         |         |

**Comments:** RDL - Reported Detection Limit; G / S - Guideline / Standard

**5049486-5049493** % 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

Analysis performed at AGAT Halifax (unless marked by \*)

**Certified By:**

*Ashleigh  
Dussalt*



## Quality Assurance

**CLIENT NAME: REGION OF QUEENS MUNICIPALITY**
**AGAT WORK ORDER: 23X033740**
**PROJECT:**
**ATTENTION TO: ADAM GRANT**
**SAMPLING SITE:**
**SAMPLED BY:**

### Trace Organics Analysis

| RPT Date: Jun 28, 2023 |       |           | 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 |  |

|                                 |   |         |       |       |    |       |      |     |      |      |     |      |      |     |      |
|---------------------------------|---|---------|-------|-------|----|-------|------|-----|------|------|-----|------|------|-----|------|
| <b>Haloacetic Acids (water)</b> |   |         |       |       |    |       |      |     |      |      |     |      |      |     |      |
| Chloroacetic Acid               | 1 | 5043444 | < 0.5 | < 0.5 | NA | < 0.5 | 100% | 70% | 130% | 82%  | 60% | 130% | 81%  | 60% | 130% |
| Bromoacetic Acid                | 1 | 5043444 | < 0.5 | < 0.5 | NA | < 0.5 | 84%  | 70% | 130% | 88%  | 60% | 130% | 91%  | 60% | 130% |
| Dichloroacetic Acid             | 1 | 5043444 | 1.0   | 1.1   | NA | < 0.5 | 91%  | 70% | 130% | 115% | 60% | 130% | 106% | 60% | 130% |
| Trichloroacetic Acid            | 1 | 5043444 | 0.9   | 0.9   | NA | < 0.5 | 89%  | 70% | 130% | 116% | 60% | 130% | 112% | 60% | 130% |
| Bromochloroacetic Acid          | 1 | 5043444 | 1.0   | 1.0   | NA | < 0.5 | 85%  | 70% | 130% | 128% | 60% | 130% | 126% | 60% | 130% |
| Dibromoacetic Acid              | 1 | 5043444 | 0.9   | 0.9   | NA | < 0.5 | 86%  | 70% | 130% | 130% | 60% | 130% | 122% | 60% | 130% |

Comments: If Matrix spike value is NA, the spiked analyte concentration was lower than that of the matrix contribution.  
 If RPD value is NA, the results of the duplicates are less than 5x the RDL and the RPD will not be calculated.

**Trihalomethane Analysis - Water**

|                      |      |         |        |        |    |         |      |     |      |      |     |      |      |     |      |
|----------------------|------|---------|--------|--------|----|---------|------|-----|------|------|-----|------|------|-----|------|
| Chloroform           | 4644 | 5060784 | <0.001 | <0.001 | NA | < 0.001 | 95%  | 50% | 140% | 87%  | 60% | 130% | 95%  | 50% | 140% |
| Bromodichloromethane | 4644 | 5060784 | <0.001 | <0.001 | NA | < 0.001 | 138% | 50% | 140% | 126% | 60% | 130% | 119% | 50% | 140% |
| Dibromochloromethane | 4644 | 5060784 | <0.001 | <0.001 | NA | < 0.001 | 135% | 50% | 140% | 115% | 60% | 130% | 108% | 50% | 140% |
| Bromoform            | 4644 | 5060784 | <0.001 | <0.001 | NA | < 0.001 | 134% | 50% | 140% | 113% | 60% | 130% | 102% | 50% | 140% |

Comments: Duplicate NA: results are less than 5X the RDL and RDP will not be calculated.  
 The sample spikes and dups are not from the same sample ID.

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## Quality Assurance

CLIENT NAME: REGION OF QUEENS MUNICIPALITY

AGAT WORK ORDER: 23X033740

PROJECT:

ATTENTION TO: ADAM GRANT

SAMPLING SITE:

SAMPLED BY:

| Water Analysis         |       |           |           |        |     |                |              |                    |       |          |                    |       |          |                   |       |  |
|------------------------|-------|-----------|-----------|--------|-----|----------------|--------------|--------------------|-------|----------|--------------------|-------|----------|-------------------|-------|--|
| RPT Date: Jun 28, 2023 |       |           | 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                            | 5058866 |         | 7.11  | 7.12  | 0.2% | <      | 100% | 80% | 120% | NA   |     |      | NA   |     |      |
| Reactive Silica as SiO2       | 5052515 |         | 4.9   | 5.1   | 3.6% | < 0.5  | 103% | 80% | 120% | 114% | 80% | 120% | 116% | 80% | 120% |
| Chloride                      | 5049486 | 5049486 | 11    | 11    | 3.5% | < 1    | 91%  | 80% | 120% | NA   | 80% | 120% | NA   | 70% | 130% |
| Fluoride                      | 5049486 | 5049486 | <0.12 | <0.12 | NA   | < 0.12 | 105% | 80% | 120% | NA   | 80% | 120% | 101% | 70% | 130% |
| Sulphate                      | 5049486 | 5049486 | 4     | 4     | NA   | < 2    | 106% | 80% | 120% | NA   | 80% | 120% | 94%  | 70% | 130% |
| Alkalinity                    | 5058866 |         | 89    | 87    | 1.8% | < 5    | 91%  | 80% | 120% | NA   |     |      | NA   |     |      |
| True Color                    | 5049491 | 5049491 | <5.00 | <5.00 | NA   | < 5    | 84%  | 80% | 120% | 98%  | 80% | 120% | NA   |     |      |
| Turbidity                     | 5058866 |         | 1.45  | 1.45  | NA   | < 0.5  | 98%  | 80% | 120% | NA   |     |      | NA   |     |      |
| Electrical Conductivity       | 5058866 |         | 201   | 201   | 0.0% | < 1    | 98%  | 90% | 110% | NA   |     |      | NA   |     |      |
| Nitrate as N                  | 5049486 | 5049486 | <0.05 | <0.05 | NA   | < 0.05 | 105% | 80% | 120% | NA   | 80% | 120% | 90%  | 70% | 130% |
| Nitrite as N                  | 5049486 | 5049486 | <0.05 | <0.05 | NA   | < 0.05 | 102% | 80% | 120% | NA   | 80% | 120% | 96%  | 70% | 130% |
| Ammonia as N                  | 5046989 |         | <0.03 | <0.03 | NA   | < 0.03 | 97%  | 80% | 120% | 101% | 80% | 120% | 103% | 70% | 130% |
| Total Organic Carbon          | 5048713 |         | 30.7  | 30.3  | 1.3% | < 0.5  | 99%  | 80% | 120% | NA   | 80% | 120% | NA   | 80% | 120% |
| Ortho-Phosphate as P          | 5049491 | 5049491 | 0.29  | 0.29  | 0.0% | < 0.01 | 117% | 80% | 120% | 120% | 80% | 120% | 117% | 80% | 120% |
| Total Sodium                  | 5051174 |         | 230   | 239   | 3.7% | < 0.1  | 100% | 80% | 120% | 98%  | 80% | 120% | NA   | 70% | 130% |
| Total Potassium               | 5051174 |         | 2.2   | 2.3   | 5.6% | < 0.1  | 98%  | 80% | 120% | 98%  | 80% | 120% | 98%  | 70% | 130% |
| Total Calcium                 | 5051174 |         | 19.8  | 20.6  | 4.1% | < 0.1  | 98%  | 80% | 120% | 103% | 80% | 120% | NA   | 70% | 130% |
| Total Magnesium               | 5051174 |         | 3.7   | 3.9   | 6.0% | < 0.1  | 101% | 80% | 120% | 100% | 80% | 120% | 102% | 70% | 130% |
| Bicarb. Alkalinity (as CaCO3) | 5058866 |         | 89    | 87    | 1.8% | < 5    | NA   | 80% | 120% | NA   |     |      | NA   |     |      |
| Carb. Alkalinity (as CaCO3)   | 5058866 |         | <10   | <10   | NA   | < 10   | NA   | 80% | 120% | NA   |     |      | NA   |     |      |
| Hydroxide                     | 5058866 |         | <5    | <5    | NA   | < 5    | NA   | 80% | 120% | NA   |     |      | NA   |     |      |
| Total Aluminum                | 5051174 |         | 30    | 31    | 2.9% | < 5    | 99%  | 80% | 120% | 99%  | 80% | 120% | 97%  | 70% | 130% |
| Total Antimony                | 5051174 |         | <2    | <2    | NA   | < 2    | 97%  | 80% | 120% | 100% | 80% | 120% | 96%  | 70% | 130% |
| Total Arsenic                 | 5051174 |         | <2    | <2    | NA   | < 2    | 100% | 80% | 120% | 97%  | 80% | 120% | 99%  | 70% | 130% |
| Total Barium                  | 5051174 |         | 122   | 129   | 5.6% | < 5    | 98%  | 80% | 120% | 96%  | 80% | 120% | 101% | 70% | 130% |
| Total Beryllium               | 5051174 |         | <2    | <2    | NA   | < 2    | 97%  | 80% | 120% | 89%  | 80% | 120% | 94%  | 70% | 130% |
| Total Bismuth                 | 5051174 |         | <2    | <2    | NA   | < 2    | 100% | 80% | 120% | 100% | 80% | 120% | 97%  | 70% | 130% |
| Total Boron                   | 5051174 |         | 22    | 20    | NA   | < 5    | 96%  | 80% | 120% | 89%  | 80% | 120% | 91%  | 70% | 130% |
| Total Cadmium                 | 5051174 |         | 0.65  | 0.70  | 7.1% | < 0.09 | 99%  | 80% | 120% | 98%  | 80% | 120% | 98%  | 70% | 130% |
| Total Chromium                | 5051174 |         | <2    | <2    | NA   | < 1    | 102% | 80% | 120% | 99%  | 80% | 120% | 100% | 70% | 130% |
| Total Cobalt                  | 5051174 |         | 1     | 2     | NA   | < 1    | 103% | 80% | 120% | 102% | 80% | 120% | 100% | 70% | 130% |
| Total Copper                  | 5051174 |         | 181   | 191   | 5.5% | < 1    | 103% | 80% | 120% | 102% | 80% | 120% | NA   | 70% | 130% |
| Total Iron                    | 5051174 |         | <50   | <50   | NA   | < 50   | 102% | 80% | 120% | 100% | 80% | 120% | 98%  | 70% | 130% |
| Total Lead                    | 5051174 |         | 6.8   | 7.0   | 3.6% | < 0.5  | 102% | 80% | 120% | 100% | 80% | 120% | 97%  | 70% | 130% |
| Total Manganese               | 5051174 |         | 508   | 534   | 5.1% | < 2    | 102% | 80% | 120% | 100% | 80% | 120% | NA   | 70% | 130% |
| Total Molybdenum              | 5051174 |         | <2    | <2    | NA   | < 2    | 97%  | 80% | 120% | 98%  | 80% | 120% | 98%  | 70% | 130% |
| Total Nickel                  | 5051174 |         | 2     | 3     | NA   | < 2    | 103% | 80% | 120% | 102% | 80% | 120% | 101% | 70% | 130% |
| Total Phosphorous             | 5051174 |         | 2.87  | 2.96  | 3.2% | < 0.02 | 106% | 80% | 120% | 100% | 80% | 120% | NA   | 70% | 130% |
| Total Selenium                | 5051174 |         | <1    | <1    | NA   | < 1    | 93%  | 80% | 120% | 94%  | 80% | 120% | 98%  | 70% | 130% |

## Quality Assurance

**CLIENT NAME: REGION OF QUEENS MUNICIPALITY**
**AGAT WORK ORDER: 23X033740**
**PROJECT:**
**ATTENTION TO: ADAM GRANT**
**SAMPLING SITE:**
**SAMPLED BY:**

### Water Analysis (Continued)

| RPT Date: Jun 28, 2023 |         |           | 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           | 5051174 |           | <0.1      | <0.1   | NA   | < 0.1          | 100%         | 80%                | 120%  | 100%     | 80%                | 120%  | 97%      | 70%               | 130%  |  |
| Total Strontium        | 5051174 |           | 122       | 128    | 5.1% | < 5            | 99%          | 80%                | 120%  | 98%      | 80%                | 120%  | 104%     | 70%               | 130%  |  |
| Total Thallium         | 5051174 |           | 0.2       | 0.2    | NA   | < 0.1          | 100%         | 80%                | 120%  | 99%      | 80%                | 120%  | 96%      | 70%               | 130%  |  |
| Total Tin              | 5051174 |           | <2        | <2     | NA   | < 2            | 97%          | 80%                | 120%  | 99%      | 80%                | 120%  | 97%      | 70%               | 130%  |  |
| Total Titanium         | 5051174 |           | <3        | <3     | NA   | < 2            | 98%          | 80%                | 120%  | 98%      | 80%                | 120%  | 97%      | 70%               | 130%  |  |
| Total Uranium          | 5051174 |           | 3.5       | 3.6    | 3.5% | < 0.2          | 98%          | 80%                | 120%  | 97%      | 80%                | 120%  | 96%      | 70%               | 130%  |  |
| Total Vanadium         | 5051174 |           | <2        | <2     | NA   | < 2            | 101%         | 80%                | 120%  | 97%      | 80%                | 120%  | 99%      | 70%               | 130%  |  |
| Total Zinc             | 5051174 |           | 80        | 86     | 8.2% | < 5            | 100%         | 80%                | 120%  | 98%      | 80%                | 120%  | 102%     | 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.

**CBOD**

|   |         |     |     |    |     |     |     |      |    |    |
|---|---------|-----|-----|----|-----|-----|-----|------|----|----|
| Biochemical Oxygen Demand, Carbonaceous | 5048660 | <20 | <20 | NA | < 2 | 84% | 70% | 130% | NA | NA |
|---|---------|-----|-----|----|-----|-----|-----|------|----|----|

**Certified By:**


## Method Summary

**CLIENT NAME: REGION OF QUEENS MUNICIPALITY**
**AGAT WORK ORDER: 23X033740**
**PROJECT:**
**ATTENTION TO: ADAM GRANT**
**SAMPLING SITE:**
**SAMPLED BY:**

| PARAMETER                      | AGAT S.O.P     | LITERATURE REFERENCE   | ANALYTICAL TECHNIQUE |
|--------------------------------|----------------|------------------------|----------------------|
| <b>ECOTOX Analysis</b>         |                |                        |                      |
| Mortality 100% v/v             | ECO-152-20000F | EPS1/RM/13             |                      |
| Acute Lethality                | ECO-152-20000F | EPS1/RM/13             |                      |
| <b>Trace Organics Analysis</b> |                |                        |                      |
| Chloroacetic Acid              | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Bromoacetic Acid               | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Dichloroacetic Acid            | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Trichloroacetic Acid           | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Bromochloroacetic Acid         | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Dibromoacetic Acid             | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| 2-Bromobutanoic acid           | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Total Haloacetic Acids         | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| HAA5                           | ORG-120-5110   | EPA 552.3              | GC/ECD               |
| Chloroform                     | TO-0330        | EPA SW-846 5030 & 8260 | GC/MS                |
| Bromodichloromethane           | TO-0330        | EPA SW-846 5030 & 8260 | GC/MS                |
| Dibromochloromethane           | TO-0330        | EPA SW-846 5030 & 8260 | GC/MS                |
| Bromoform                      | TO-0330        | EPA SW-846 5030 & 8260 | GC/MS                |
| Total Trihalomethanes          | TO-0330        | EPA SW-846 8260        | GC/MS                |
| Toluene-d8                     | TO-0330        | EPA SW-846 5030 & 8260 | GC/MS                |

## Method Summary

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**AGAT WORK ORDER: 23X033740**
**PROJECT:**
**ATTENTION TO: ADAM GRANT**
**SAMPLING SITE:**
**SAMPLED BY:**

| PARAMETER                                  | AGAT S.O.P                 | LITERATURE REFERENCE                      | ANALYTICAL TECHNIQUE |
|--|----------------------------|---|----------------------|
| <b>Water Analysis</b>                      |                            |   |                      |
| Biochemical Oxygen Demand, Carbonaceous    | INOR-121-6023              | SM 5210 B                                 | INCUBATOR            |
| pH   | INOR-121-6001              | SM 4500 H+B                               | PC TITRATE           |
| Reactive Silica as SiO <sub>2</sub>        | INOR-121-6027              | SM 4500-SiO <sub>2</sub> F                | COLORIMETER          |
| Chloride                                   | INORG-121-6005             | SM 4110 B                                 | ION CHROMATOGRAPH    |
| Fluoride                                   | INORG-121-6005             | SM 4110 B                                 | ION CHROMATOGRAPH    |
| Sulphate                                   | INORG-121-6005             | SM 4110 B                                 | ION CHROMATOGRAPH    |
| Alkalinity                                 | INOR-121-6001              | SM 2320 B                                 |                      |
| True Color                                 | INOR-121-6008              | SM 2120 B                                 | LACHAT FIA           |
| Turbidity                                  | INOR-121-6001              | SM 2130 B                                 | PC TITRATE           |
| Electrical Conductivity                    | INOR-121-6001              | SM 2510 B                                 | PC TITRATE           |
| Nitrate + Nitrite as N                     | INORG-121-6005             | SM 4110 B                                 | CALCULATION          |
| Nitrate as N                               | INORG-121-6005             | SM 4110 B                                 | ION CHROMATOGRAPH    |
| Nitrite as N                               | INORG-121-6005             | SM 4110 B                                 | ION CHROMATOGRAPH    |
| Ammonia as N                               | INOR-121-6047              | SM 4500-NH <sub>3</sub> H                 | COLORIMETER          |
| Total Organic Carbon                       | INOR-121-6026              | 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 <sub>3</sub> ) | INORG-121-6001             | SM 2320 B                                 | PC TITRATE           |
| Carb. Alkalinity (as CaCO <sub>3</sub> )   | INORG-121-6001             | SM 2320 B                                 | PC TITRATE           |
| Hydroxide                                  | INORG-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               |

## Method Summary

**CLIENT NAME: REGION OF QUEENS MUNICIPALITY**
**AGAT WORK ORDER: 23X033740**
**PROJECT:**
**ATTENTION TO: ADAM GRANT**
**SAMPLING SITE:**
**SAMPLED BY:**

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



### Laboratory Use Only

Arrival Condition:  Good  Poor (see notes)  
 Arrival Temperature: 14.9, 13.7, 13.5  
 Hold Time: \_\_\_\_\_  
 AGAT Job Number: 23X033740

Notes: \_\_\_\_\_

### Turnaround Time Required (TAT)

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

Date Required: \_\_\_\_\_

Drinking Water Sample:  Yes  No Salt Water Sample  Yes  No  
 Reg. No.: \_\_\_\_\_

## Chain of Custody Record

P: 902.468.8718 • F: 902.468.8924

### 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: Scott Rhyno  
 Email: watertreatment@regionofqueens.com

### 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  
 Sediment  Other \_\_\_\_\_

### 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: Total                       | Diss | 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: Single trout tox | Other: | Hazardous (Y/N) |  |  |
|---------------------------------------|--------------------|---------------|--------------|---|--------------------------|-------------------------------------|-------------------------------------|------|-----------|---------|-------------------------------------|------|----|-----|-----|-----|-----|------------------|---------|-----------------------------------|--------------------------------|-------------------|-----|-------------------------------------|-------------------------------------|-----|-----|---------|-----|-----|----|-----|-------------|----------------|-----|----|-------------------------|--------|-----------------|--|--|
| Works Dept                            | <u>June 8/2023</u> | DW            | <u>9</u>     |   |                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |      |           |         |                                     |      |    |     |     |     |     |                  |         |                                   |                                |                   |     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |     |     |         |     |     |    |     |             |                |     |    |                         |        |                 |  |  |
| South Queens Water Treatment Facility | <u>June 8/2023</u> | DW            | <u>9</u>     |   |                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |      |           |         |                                     |      |    |     |     |     |     |                  |         |                                   |                                |                   |     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |     |     |         |     |     |    |     |             |                |     |    |                         |        |                 |  |  |
| Old Cobb Barn Rd                      | <u>June 8/2023</u> | DW            | <u>9</u>     |   |                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |      |           |         |                                     |      |    |     |     |     |     |                  |         |                                   |                                |                   |     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |     |     |         |     |     |    |     |             |                |     |    |                         |        |                 |  |  |
| School St. Sample Station             | <u>June 8/2023</u> | DW            | <u>9</u>     |   |                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |      |           |         |                                     |      |    |     |     |     |     |                  |         |                                   |                                |                   |     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |     |     |         |     |     |    |     |             |                |     |    |                         |        |                 |  |  |
| Brooklyn Sample Station               | <u>June 8/2023</u> | DW            | <u>9</u>     |   |                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |      |           |         |                                     |      |    |     |     |     |     |                  |         |                                   |                                |                   |     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |     |     |         |     |     |    |     |             |                |     |    |                         |        |                 |  |  |
| South Queens Wastewater Facility      | <u>June 8/2023</u> | WW            | <u>2</u>     |   |                          |                                     |                                     |      |           |         | <input checked="" type="checkbox"/> |      |    |     |     |     |     |                  |         |                                   |                                |                   |     |                                     |                                     |     |     |         |     |     |    |     |             |                |     |    |                         |        |                 |  |  |

|  |                                    |   |                     |                    |   |
|--|------------------------------------|---|---------------------|--------------------|---|
| Samples Relinquished By (Print Name):<br><u>Lucas Harvey</u> | Date/Time:<br><u>Jun 8/23 1:00</u> | Samples Received By (Print Name):<br><u>[Signature]</u> | Date/Time:<br>_____ | Pink Copy - Client | Page <input type="text"/> of <input type="text"/> |
| Samples Relinquished By (Sign):<br><u>[Signature]</u>        | Date/Time:<br><u>Jun 8/23 1:00</u> | Samples Received By (Sign):<br><u>[Signature]</u>       | Date/Time:<br>_____ | Yellow Copy - AGAT | N°: _____   |
|  |                                    |   |                     | White Copy - AGAT  |   |