

**Table 1**  
**Surface Water Analysis Summary**

| Sample Location                          | GTA-TC-1  | GTA-TC-1   | GTA-TC-2  | GTA-TC-2  |            |           |
|--|-----------|------------|-----------|-----------|------------|-----------|
| Sample Date                              | 5/30/2023 | 6/7/2023   | 5/30/2023 | 6/6/2023  |            |           |
| pH                                       |           | 7.59       |           | 7.96      |            |           |
| <b>Volatile Organic Compounds (VOCs)</b> |           |            |           |           |            |           |
| 1,1,1-Trichloroethane                    | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,1,2,2-Tetrachloroethane                | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,1,2-Trichloroethane                    | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,1,2-Trichlorotrifluoroethane           | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,1-Dichloroethane                       | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,1-Dichloroethene                       | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2,3-Trichlorobenzene                   | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2,4-Trichlorobenzene                   | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2,4-Trimethylbenzene                   | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2-Dibromo-3-chloropropane              | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2-Dibromoethane                        | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2-Dichlorobenzene                      | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2-Dichloroethane                       | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,2-Dichloropropane                      | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,3,5-Trimethylbenzene                   | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,3-Dichlorobenzene                      | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 1,4-Dichlorobenzene                      | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| 2-Butanone (MEK)                         | <5.0      | <5.0       |           | <5.0      | <5.0       |           |
| 2-Hexanone (MBK)                         | <5.0      | <5.0       |           | <5.0      | <5.0       |           |
| 4-Methyl-2-Pentanone (MIBK)              | <5.0      | <5.0       |           | <5.0      | <5.0       |           |
| Acetone                                  | <5.0      | <5.0       |           | <5.0      | <5.0       |           |
| Benzene                                  | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Bromochloromethane                       | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Bromodichloromethane                     | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Bromoform                                | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Bromomethane                             | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Carbon Disulfide                         | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Carbon tetrachloride                     | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Chlorobenzene                            | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Chloroethane                             | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Chloroform                               | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Chloromethane                            | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Cyclohexane                              | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Dibromochloromethane                     | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Dichlorodifluoromethane                  | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Ethylbenzene                             | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Isopropylbenzene                         | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Methyl Acetate                           | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Methyl-t-Butyl Ether                     | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Methylcyclohexane                        | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Methylene chloride                       | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Naphthalene                              | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Styrene                                  | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Tetrachloroethene                        | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Toluene                                  | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Trichloroethene                          | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Trichlorofluoromethane                   | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Vinyl Chloride                           | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| cis-1,2-Dichloroethene                   | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| cis-1,3-Dichloropropene                  | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| m&p-Xylene                               | <2.0      | <2.0       |           | <2.0      | <2.0       |           |
| o-Xylene                                 | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| trans-1,2-Dichloroethene                 | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| trans-1,3-Dichloropropene                | <1.0      | <1.0       |           | <1.0      | <1.0       |           |
| Cyanide                                  | <0.010    | <0.010     |           | <0.010    | <0.010     |           |
| Fluoride                                 | <0.25     | <0.25      |           | <0.25     | <0.25      |           |
| Chlorine                                 |           | <0.20      |           |           | <0.20      |           |
| <b>Priority Pollutant Metals</b>         |           |            |           |           |            |           |
|  | Dissolved | Total      | Dissolved | Dissolved | Total      | Dissolved |
| Antimony                                 | <5.0      | <5.0       | <5.0      | <5.0      | <5.0       | <5.0      |
| Arsenic                                  | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Beryllium                                | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Cadmium                                  | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Chromium                                 | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Copper                                   | <1.0      | <b>1.1</b> | <1.0      | <1.0      | <b>1.4</b> | <1.0      |
| Lead                                     | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Mercury                                  | <0.20     | <0.20      | <0.20     | <0.20     | <0.20      | <0.20     |
| Nickel                                   | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Selenium                                 | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Silver                                   | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Thallium                                 | <1.0      | <1.0       | <1.0      | <1.0      | <1.0       | <1.0      |
| Zinc                                     | <20       | <20        | <20       | <20       | <20        | <20       |

**Notes:**

Sample dates as noted

Blank cells not analyzed

Results in micrograms per liter (µg/L), equivalent to parts per billion (ppb) (except for cyanide, fluoride, and chlorine which are expressed in milligrams per liter [mg/L] equivalent to parts per million [ppm])

\* Foam on surface water analyzed as water

B = A target analyte or common laboratory contaminant was identified in the method blank.



**Table 1**  
**Surface Water Analysis Summary**

| Sample Location                          | GTA-TC-3    |             | GTA-TC-3  |       | GTA-TC-4  |  |
|--|-------------|-------------|-----------|-------|-----------|--|
| Sample Date                              | 5/30/2023   |             | 6/6/2023  |       | 6/6/2023  |  |
| pH                                       |             |             | 7.36      |       | 7.58      |  |
| <b>Volatile Organic Compounds (VOCs)</b> |             |             |           |       |           |  |
| 1,1,1-Trichloroethane                    | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,1,2,2-Tetrachloroethane                | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,1,2-Trichloroethane                    | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,1,2-Trichlorotrifluoroethane           | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,1-Dichloroethane                       | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,1-Dichloroethene                       | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2,3-Trichlorobenzene                   | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2,4-Trichlorobenzene                   | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2,4-Trimethylbenzene                   | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2-Dibromo-3-chloropropane              | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2-Dibromoethane                        | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2-Dichlorobenzene                      | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2-Dichloroethane                       | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,2-Dichloropropane                      | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,3,5-Trimethylbenzene                   | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,3-Dichlorobenzene                      | <1.0        | <1.0        |           |       | <1.0      |  |
| 1,4-Dichlorobenzene                      | <1.0        | <1.0        |           |       | <1.0      |  |
| 2-Butanone (MEK)                         | <5.0        | <5.0        |           |       | <5.0      |  |
| 2-Hexanone (MBK)                         | <5.0        | <5.0        |           |       | <5.0      |  |
| 4-Methyl-2-Pentanone (MIBK)              | <5.0        | <5.0        |           |       | <5.0      |  |
| Acetone                                  | <5.0        | <5.0        |           |       | <5.0      |  |
| Benzene                                  | <1.0        | <1.0        |           |       | <1.0      |  |
| Bromochloromethane                       | <1.0        | <1.0        |           |       | <1.0      |  |
| Bromodichloromethane                     | <1.0        | <1.0        |           |       | <1.0      |  |
| Bromoform                                | <1.0        | <1.0        |           |       | <1.0      |  |
| Bromomethane                             | <1.0        | <1.0        |           |       | <1.0      |  |
| Carbon Disulfide                         | <1.0        | <1.0        |           |       | <1.0      |  |
| Carbon tetrachloride                     | <1.0        | <1.0        |           |       | <1.0      |  |
| Chlorobenzene                            | <1.0        | <1.0        |           |       | <1.0      |  |
| Chloroethane                             | <1.0        | <1.0        |           |       | <1.0      |  |
| Chloroform                               | <1.0        | <1.0        |           |       | <1.0      |  |
| Chloromethane                            | <1.0        | <1.0        |           |       | <1.0      |  |
| Cyclohexane                              | <1.0        | <1.0        |           |       | <1.0      |  |
| Dibromochloromethane                     | <1.0        | <1.0        |           |       | <1.0      |  |
| Dichlorodifluoromethane                  | <1.0        | <1.0        |           |       | <1.0      |  |
| Ethylbenzene                             | <1.0        | <1.0        |           |       | <1.0      |  |
| Isopropylbenzene                         | <1.0        | <1.0        |           |       | <1.0      |  |
| Methyl Acetate                           | <1.0        | <1.0        |           |       | <1.0      |  |
| Methyl-t-Butyl Ether                     | <1.0        | <1.0        |           |       | <1.0      |  |
| Methylcyclohexane                        | <1.0        | <1.0        |           |       | <1.0      |  |
| Methylene chloride                       | <1.0        | <1.0        |           |       | <1.0      |  |
| Naphthalene                              | <1.0        | <1.0        |           |       | <1.0      |  |
| Styrene                                  | <1.0        | <1.0        |           |       | <1.0      |  |
| Tetrachloroethene                        | <1.0        | <1.0        |           |       | <1.0      |  |
| Toluene                                  | <1.0        | <1.0        |           |       | <1.0      |  |
| Trichloroethene                          | <1.0        | <1.0        |           |       | <1.0      |  |
| Trichlorofluoromethane                   | <1.0        | <1.0        |           |       | <1.0      |  |
| Vinyl Chloride                           | <1.0        | <1.0        |           |       | <1.0      |  |
| cis-1,2-Dichloroethene                   | <1.0        | <1.0        |           |       | <1.0      |  |
| cis-1,3-Dichloropropene                  | <1.0        | <1.0        |           |       | <1.0      |  |
| m&p-Xylene                               | <2.0        | <2.0        |           |       | <2.0      |  |
| o-Xylene                                 | <1.0        | <1.0        |           |       | <1.0      |  |
| trans-1,2-Dichloroethene                 | <1.0        | <1.0        |           |       | <1.0      |  |
| trans-1,3-Dichloropropene                | <1.0        | <1.0        |           |       | <1.0      |  |
| Cyanide                                  | <0.010      | <0.010      |           |       | <0.010    |  |
| Fluoride                                 | <b>0.71</b> | <b>0.68</b> |           |       | <0.25     |  |
| Chlorine                                 |             | <0.20       |           |       | <0.20     |  |
| <b>Priority Pollutant Metals</b>         |             |             |           |       |           |  |
|  | Dissolved   | Total       | Dissolved | Total | Dissolved |  |
| Antimony                                 | <5.0        | <5.0        | <5.0      | <5.0  | <5.0      |  |
| Arsenic                                  | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Beryllium                                | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Cadmium                                  | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Chromium                                 | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Copper                                   | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Lead                                     | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Mercury                                  | <0.20       | <0.20       | <0.20     | <0.20 | <0.20     |  |
| Nickel                                   | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Selenium                                 | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Silver                                   | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Thallium                                 | <1.0        | <1.0        | <1.0      | <1.0  | <1.0      |  |
| Zinc                                     | <20         | <20         | <20       | <20   | <20       |  |



**Table 1**  
**Surface Water Analysis Summary**

| Sample Location                          | GTA-TC-5     |                  | GTA-TC-6     |                  | GTA-TC-7     |                  |
|--|--------------|------------------|--------------|------------------|--------------|------------------|
| Sample Date                              | 6/6/2023     |                  | 6/6/2023     |                  | 6/7/2023     |                  |
| pH                                       | 7.48         |                  | 7.42         |                  | 8.06         |                  |
| <b>Volatile Organic Compounds (VOCs)</b> |              |                  |              |                  |              |                  |
| 1,1,1-Trichloroethane                    | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2,2-Tetrachloroethane                | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2-Trichloroethane                    | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2-Trichlorotrifluoroethane           | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1-Dichloroethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1-Dichloroethene                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,3-Trichlorobenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,4-Trichlorobenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,4-Trimethylbenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dibromo-3-chloropropane              | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dibromoethane                        | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichloroethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichloropropane                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,3,5-Trimethylbenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,3-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,4-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 2-Butanone (MEK)                         | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| 2-Hexanone (MBK)                         | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| 4-Methyl-2-Pentanone (MIBK)              | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| Acetone                                  | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| Benzene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromochloromethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromodichloromethane                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromoform                                | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromomethane                             | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Carbon Disulfide                         | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Carbon tetrachloride                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chlorobenzene                            | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloroethane                             | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloroform                               | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloromethane                            | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Cyclohexane                              | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Dibromochloromethane                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Dichlorodifluoromethane                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Ethylbenzene                             | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Isopropylbenzene                         | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methyl Acetate                           | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methyl-t-Butyl Ether                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methylcyclohexane                        | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methylene chloride                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Naphthalene                              | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Styrene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Tetrachloroethene                        | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Toluene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Trichloroethene                          | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Trichlorofluoromethane                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Vinyl Chloride                           | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| cis-1,2-Dichloroethene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| cis-1,3-Dichloropropene                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| m&p-Xylene                               | <2.0         |                  | <2.0         |                  | <2.0         |                  |
| o-Xylene                                 | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| trans-1,2-Dichloroethene                 | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| trans-1,3-Dichloropropene                | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Cyanide                                  | <0.010       |                  | <0.010       |                  | <0.010       |                  |
| Fluoride                                 | <b>0.36</b>  |                  | <0.25        |                  | <b>0.68</b>  |                  |
| Chlorine                                 | <0.20        |                  | <0.20        |                  | <0.20        |                  |
| <b>Priority Pollutant Metals</b>         | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> |
| Antimony                                 | <5.0         | <5.0             | <5.0         | <5.0             | <5.0         | <5.0             |
| Arsenic                                  | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Beryllium                                | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Cadmium                                  | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Chromium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Copper                                   | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Lead                                     | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Mercury                                  | <0.20        | <0.20            | <0.20        | <0.20            | <0.20        | <0.20            |
| Nickel                                   | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Selenium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Silver                                   | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Thallium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Zinc                                     | <20          | <20              | <20          | <20              | <20          | <20              |



**Table 1**  
**Surface Water Analysis Summary**

| Sample Location                          | GTA-TC-8     |                  | GTA-TC-9     |                  | GTA-TC-10    |                  | DUP          |                  |
|--|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|
| Sample Date                              | 6/7/2023     |                  | 6/7/2023     |                  | 6/7/2023     |                  | 6/7/2023     |                  |
| pH                                       | 7.63         |                  | 7.79         |                  | 7.7          |                  | 7.71         |                  |
| <b>Volatile Organic Compounds (VOCs)</b> |              |                  |              |                  |              |                  |              |                  |
| 1,1,1-Trichloroethane                    | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2,2-Tetrachloroethane                | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2-Trichloroethane                    | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2-Trichlorotrifluoroethane           | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1-Dichloroethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1-Dichloroethene                       | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,3-Trichlorobenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,4-Trichlorobenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,4-Trimethylbenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dibromo-3-chloropropane              | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dibromoethane                        | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichloroethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichloropropane                      | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,3,5-Trimethylbenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,3-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,4-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 2-Butanone (MEK)                         | <5.0         |                  | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| 2-Hexanone (MBK)                         | <5.0         |                  | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| 4-Methyl-2-Pentanone (MIBK)              | <5.0         |                  | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| Acetone                                  | <5.0         |                  | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| Benzene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromochloromethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromodichloromethane                     | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromoform                                | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromomethane                             | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Carbon Disulfide                         | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Carbon tetrachloride                     | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chlorobenzene                            | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloroethane                             | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloroform                               | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloromethane                            | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Cyclohexane                              | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Dibromochloromethane                     | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Dichlorodifluoromethane                  | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Ethylbenzene                             | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Isopropylbenzene                         | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methyl Acetate                           | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methyl-t-Butyl Ether                     | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methylcyclohexane                        | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methylene chloride                       | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Naphthalene                              | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Styrene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Tetrachloroethene                        | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Toluene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Trichloroethene                          | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Trichlorofluoromethane                   | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Vinyl Chloride                           | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| cis-1,2-Dichloroethene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| cis-1,3-Dichloropropene                  | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| m&p-Xylene                               | <2.0         |                  | <2.0         |                  | <2.0         |                  | <2.0         |                  |
| o-Xylene                                 | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| trans-1,2-Dichloroethene                 | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| trans-1,3-Dichloropropene                | <1.0         |                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Cyanide                                  | <0.010       |                  | <0.010       |                  | <0.010       |                  | <0.010       |                  |
| Fluoride                                 | <b>0.56</b>  |                  | <b>0.54</b>  |                  | <b>0.32</b>  |                  | <b>0.32</b>  |                  |
| Chlorine                                 | <0.20        |                  | <0.20        |                  | <0.20        |                  | <0.20        |                  |
| <b>Priority Pollutant Metals</b>         |              |                  |              |                  |              |                  |              |                  |
|  | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> |
| Antimony                                 | <5.0         | <5.0             | <5.0         | <5.0             | <5.0         | <5.0             | <5.0         | <5.0             |
| Arsenic                                  | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Beryllium                                | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Cadmium                                  | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Chromium                                 | <1.0         | <1.0             | <b>1.4</b>   | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Copper                                   | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Lead                                     | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Mercury                                  | <0.20        | <0.20            | <0.20        | <0.20            | <0.20        | <0.20            | <0.20        | <0.20            |
| Nickel                                   | <b>1.1</b>   | <1.0             | <b>3.4</b>   | <1.0             | <1.0         | <1.0             | <b>1.2</b>   | <1.0             |
| Selenium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Silver                                   | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Thallium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Zinc                                     | <20          | <20              | <20          | <20              | <20          | <20              | <20          | <20              |



**Table 1**  
**Surface Water Analysis Summary**

| Sample Location                          | GTA-TC-11    |                  | GTA-TC-12    |                  | GTA-TC-13*   |                  |
|--|--------------|------------------|--------------|------------------|--------------|------------------|
| Sample Date                              | 6/7/2023     |                  | 6/6/2023     |                  | 6/6/2023     |                  |
| pH                                       | 7.50         |                  | 7.58         |                  | 7.62         |                  |
| <b>Volatile Organic Compounds (VOCs)</b> |              |                  |              |                  |              |                  |
| 1,1,1-Trichloroethane                    | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2,2-Tetrachloroethane                | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2-Trichloroethane                    | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1,2-Trichlorotrifluoroethane           | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1-Dichloroethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,1-Dichloroethene                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,3-Trichlorobenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,4-Trichlorobenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2,4-Trimethylbenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dibromo-3-chloropropane              | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dibromoethane                        | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichloroethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,2-Dichloropropane                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,3,5-Trimethylbenzene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,3-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 1,4-Dichlorobenzene                      | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| 2-Butanone (MEK)                         | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| 2-Hexanone (MBK)                         | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| 4-Methyl-2-Pentanone (MIBK)              | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| Acetone                                  | <5.0         |                  | <5.0         |                  | <5.0         |                  |
| Benzene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromochloromethane                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromodichloromethane                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromoform                                | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Bromomethane                             | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Carbon Disulfide                         | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Carbon tetrachloride                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chlorobenzene                            | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloroethane                             | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloroform                               | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Chloromethane                            | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Cyclohexane                              | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Dibromochloromethane                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Dichlorodifluoromethane                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Ethylbenzene                             | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Isopropylbenzene                         | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methyl Acetate                           | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methyl-t-Butyl Ether                     | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methylcyclohexane                        | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Methylene chloride                       | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Naphthalene                              | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Styrene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Tetrachloroethene                        | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Toluene                                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Trichloroethene                          | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Trichlorofluoromethane                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Vinyl Chloride                           | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| cis-1,2-Dichloroethene                   | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| cis-1,3-Dichloropropene                  | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| m&p-Xylene                               | <2.0         |                  | <2.0         |                  | <2.0         |                  |
| o-Xylene                                 | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| trans-1,2-Dichloroethene                 | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| trans-1,3-Dichloropropene                | <1.0         |                  | <1.0         |                  | <1.0         |                  |
| Cyanide                                  | <0.010       |                  | <0.010       |                  | <0.010       |                  |
| Fluoride                                 | <0.25        |                  | <0.25        |                  | <0.25        |                  |
| Chlorine                                 | <0.20        |                  | <0.20        |                  | <0.20        |                  |
| <b>Priority Pollutant Metals</b>         | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> | <b>Total</b> | <b>Dissolved</b> |
| Antimony                                 | <5.0         | <5.0             | <5.0         | <5.0             | <5.0         | <5.0             |
| Arsenic                                  | <1.0         | <1.0             | <1.0         | <1.0             | <b>6.1</b>   | <1.0             |
| Beryllium                                | <1.0         | <1.0             | <1.0         | <1.0             | <b>1.2</b>   | <1.0             |
| Cadmium                                  | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Chromium                                 | <1.0         | <1.0             | <b>1.7</b>   | <1.0             | <b>16.6</b>  | <1.0             |
| Copper                                   | <b>1.3</b>   | <1.0             | <1.0         | <1.0             | <b>49</b>    | <b>3.0</b>       |
| Lead                                     | <1.0         | <1.0             | <1.0         | <1.0             | <b>32.5</b>  | <1.0             |
| Mercury                                  | <0.20        | <b>0.24</b>      | <0.20        | <0.20            | <0.20        | <0.20            |
| Nickel                                   | <1.0         | <1.0             | <b>5.5 B</b> | <1.0             | <b>37.5</b>  | <b>1.5</b>       |
| Selenium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <b>1.8</b>   | <1.0             |
| Silver                                   | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Thallium                                 | <1.0         | <1.0             | <1.0         | <1.0             | <1.0         | <1.0             |
| Zinc                                     | <20          | <20              | <20          | <20              | <b>130</b>   | <20              |

