

## Report of Analysis

|                   |                                                    |                 |          |
|-------------------|----------------------------------------------------|-----------------|----------|
| Client:           | New York City DEP of Environmental Protection/BWS  | Date Collected: | 12/02/24 |
| Project:          | Industrial Wastewater Discharge Permit - Fall 2024 | Date Received:  | 12/02/24 |
| Client Sample ID: | 14B-(1-4)-COMP                                     | SDG No.:        | P5051    |
| Lab Sample ID:    | P5051-07                                           | Matrix:         | Water    |
| Level (low/med):  | low                                                | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.  | Prep Met. |
|-----------|-----------|--------|------|----|-------|------------|-------|----------------|----------------|-----------|-----------|
| 7429-90-5 | Aluminum  | 745000 |      | 1  | 10.6  | 50.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-36-0 | Antimony  | 2.96   | UN   | 1  | 2.96  | 25.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-38-2 | Arsenic   | 71.8   |      | 1  | 2.84  | 10.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-39-3 | Barium    | 589    |      | 1  | 11.3  | 50.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-41-7 | Beryllium | 0.19   | U    | 1  | 0.19  | 3.00       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-43-9 | Cadmium   | 2.90   | J    | 1  | 0.21  | 3.00       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-70-2 | Calcium   | 36200  |      | 1  | 51.8  | 1000       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-47-3 | Chromium  | 20.8   |      | 1  | 0.52  | 5.00       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-48-4 | Cobalt    | 8.54   | J    | 1  | 0.88  | 15.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-50-8 | Copper    | 501    |      | 1  | 1.52  | 10.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7439-89-6 | Iron      | 33700  |      | 1  | 12.4  | 50.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7439-92-1 | Lead      | 19.5   |      | 1  | 1.57  | 6.00       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7439-95-4 | Magnesium | 8830   |      | 1  | 61.2  | 1000       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7439-96-5 | Manganese | 22000  |      | 1  | 0.87  | 10.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7439-97-6 | Mercury   | 1.11   |      | 1  | 0.022 | 0.20       | ug/L  | 12/10/24 08:00 | 12/10/24 11:16 | E245.1    |           |
| 7440-02-0 | Nickel    | 22.9   |      | 1  | 1.28  | 20.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-09-7 | Potassium | 3270   |      | 1  | 281   | 1000       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7782-49-2 | Selenium  | 8.83   | J    | 1  | 3.07  | 10.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-22-4 | Silver    | 2.62   | J    | 1  | 0.83  | 5.00       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-23-5 | Sodium    | 35200  |      | 1  | 448   | 1000       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-28-0 | Thallium  | 2.21   | U    | 1  | 2.21  | 20.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-62-2 | Vanadium  | 32.8   |      | 1  | 2.40  | 20.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |
| 7440-66-6 | Zinc      | 128    |      | 1  | 1.44  | 20.0       | ug/L  | 12/04/24 11:35 | 12/06/24 14:25 | EPA 200.7 |           |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Brown         | Clarity Before: | Clear | Texture:   |
| Color After:  | Yellow        | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group1 |                 |       |            |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits