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## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1282**

**Test Name: Hexavalent Chromium, Total Nitrogen, TS, pH, Anions Group2, Flash Point, TKN, BOD5, TSS**

### **A. Number of Samples and Date of Receipt:**

1 Water sample was received on 02/03/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Anions Group2, BOD5, Cyanide, Flash Point, Hexavalent Chromium, Mercury, Metals Group4, Metals ICP-TAL, METALS TAL+CN, PCB, pH, SVOC-TCL BNA -20, SVOCMS Group4, TKN, Total Nitrogen, TS, TSS, VOC-TCLVOA-10 and VOCMS Group4. This data package contains results for Hexavalent Chromium, Total Nitrogen, TS, pH, Anions Group2, Flash Point, TKN, BOD5, TSS.

### **C. Analytical Techniques:**

The analysis of Flash Point was based on method 1010B, The analysis of Anions Group2 was based on method 300.0, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of pH was based on method 9040C, The analysis of Total Nitrogen was based on method Cal, The analysis of TS was based on method SM2540 B, The analysis of TSS was based on method SM2540 D, The analysis of TKN was based on method SM4500 N Org B or C and The analysis of BOD5 was based on method SM5210 B.

### **D. QA/ QC Samples:**

The Holding Times were met for all samples except for SW-WTS-02 of BOD5, pH, Nitrite and Nitrate as this sample received out of hold.

Sample SW-WTS-02 was diluted due to high concentrations for Chloride, Nitrate.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (SW-WTS-02MS) analysis met criteria for all samples except for Chloride due to matrix interference.

The Matrix Spike Duplicate (SW-WTS-02MSD) analysis met criteria for all samples except for Chloride due to matrix interference.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.



**E. Additional Comments:**

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_