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## **CASE NARRATIVE**

### **ATG-GREENVILLE AEC**

**Project Name: AEC-2025-0013-CSC 4155 Birdsboro**

**Project # N/A**

**Order ID # Q2470**

**Test Name: Anions Group1, Oil and Grease, Phosphorus-Total, TKN, TSS**

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

1 Water sample was received on 06/30/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Anions Group1, Oil and Grease, Phosphorus-Total, TKN and TSS. This data package contains results for Anions Group1, Oil and Grease, Phosphorus-Total, TKN, TSS.

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

The analysis of Oil and Grease was based on method 1664A, The analysis of Anions Group1 was based on method 300.0, The analysis of Phosphorus-Total was based on method 365.3, The analysis of TSS was based on method SM2540 D and The analysis of TKN was based on method SM4500 N Org B or C.

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

The Holding Times were met for all samples except for SW-1 of Nitrite and Nitrate as Sample was received out of holding time.

The Blank Spike met requirements for all Parameters.

The Duplicate analysis met criteria for all Parameters.

The Matrix Spike analysis met criteria for all Parameters.

The Matrix Spike Duplicate analysis met criteria for all Parameters.

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

The Calibration met the requirements.

### **E. Additional Comments:**

As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD for Q2470 therefore Lab reported MS-MSD from Q2441.

The temperature of the samples at the time of receipt was 25.3°C. Lab notified this issue to the client. See the communication in shipping Document section.

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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\_\_\_\_\_