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CASE NARRATIVE

ATG-GREENVILLE AEC

Project Name: AEC-2025-0013- CSC 4028 Cumberland

Project # N/A

Order ID # Q3234

Test Name: Metals Group4,Oil and Grease,Phosphorus-Total,TSS

A. Number of Samples and Date of Receipt:

2 Water samples were received on 09/29/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Metals Group4,Oil and Grease,Phosphorus-Total,TSS. This data package contains results for Metals Group4(6010D),Oil and Grease(1664A),Phosphorus-Total(365.3), TSS(SM2540 D).

C. Analytical Techniques:

Metals Group4 : The analysis of Metals Group4 was based on method 6010D and digestion based on method 3010 (waters).

Wetchem : The analysis of Oil and Grease was based on method 1664A, The analysis of Phosphorus-Total was based on method 365.3 and The analysis of TSS was based on method SM2540 D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds

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

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Duplicate analysis met criteria for all compounds.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The temperature of the samples at the time of receipt was 19.4°C. Lab notified this issue to the client. See the communication in shipping Document section.

Oil and Grease,Phosphorus-Total,TSS : 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 Q3234 therefore Lab reported MS-MSD from Q3229.



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The Date and time of sampling was not listed in the COC.

As per special requirement for this project form-1 and Hit summary are reported in mg/L.

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_____