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CASE NARRATIVE

Ardmore Chemical

Project Name: PVSC Monthly 2025

Project # N/A

Order ID # Q2006

Test Name: Mercury, Metals Group3

A. Number of Samples and Date of Receipt:

2 Water samples were received on 05/09/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: BOD5, Cyanide, Mercury, Metals Group3, SVOCMS Group1, TSS and VOC-PP. This data package contains results for Mercury, Metals Group3.

C. Analytical Techniques:

The analysis and digestion of Metals Group3 was based on 200.7 and The analysis and digestion of Mercury was based on 245.1.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate (EFF-WWDUP) analysis met criteria for all samples except for Zinc due to sample matrix interference. The Duplicate (EFF-WWMSD) analysis met criteria for all samples except for Zinc due to Chemical Interference during Digestion Process.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate (EFF-WWMSD) analysis met criteria for all samples except for Zinc due to Chemical Interference during Digestion Process.

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

The Calibration met the requirements.

The Serial Dilution (EFF-WWL) met criteria for all samples except for Zinc due to sample matrix interference.

E. Additional Comments:

The Post Digest Spike (EFF-WWA) analysis met criteria for all samples except for Zinc due to unknown chemical interferences of matrix with the addition of spike amount after digestion and before analysis , matrix has suppression effect during addition of spike.



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_____