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CASE NARRATIVE

AECOM

Project Name: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206

Project # N/A

Order ID # Q3434

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 10/22/2025.

2 Water samples were received on 10/22/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL. This data package contains results for Mercury, Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample PR132-WC2-20251022 was diluted due to high concentrations for Sodium.

The Blank Spike met requirements for all compounds.

The Duplicate (COMPOSITEDUP) analysis met criteria for all compounds except for Potassium due to sample matrix interference.

The Matrix Spike (COMPOSITEMS) analysis met criteria for all compounds except for Antimony, Arsenic, Iron, Potassium, Selenium, Silver and Zinc due to Chemical Interference during digestion process.

The Matrix Spike Duplicate (COMPOSITEMSD) analysis met criteria for all compounds except for Iron, Potassium, Selenium, Silver and 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 met criteria for all compounds.

E. Additional Comments:

The Post Digest Spike (COMPOSITEA) analysis met criteria for all compounds except for Iron, Potassium and Silver, due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.



In analytical Sequence LB137662, The Result was out side acceptance Limit for Sodium of CCB05 but, no any samples parameter associated under this CCB.

In analytical Sequence LB137677, The Result was out side acceptance Limit for Iron of CCB10 but, no any samples parameter associated under this CCB.

In analytical Sequence LB137662, The Recovery was out side acceptance Limit for Sodium of CCV09 but, no any samples parameter associated under this CCV.

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_____