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CASE NARRATIVE

Core Environmental Consultants and Services, Inc.

Project Name: NYPA-Zeltmann Power plant-HSRG 7B

Project # N/A

Order ID # Q3671

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

1 Solid sample was received on 10/14/2025.

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 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

Sample Zeltmann Power Plant HSRG 7B was diluted due to high concentrations for Iron.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (ETGI-354MS) analysis met criteria for all compounds except for Antimony, Copper, Lead, Potassium and Silver due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (ETGI-354MSD) analysis met criteria for all compounds except for Antimony, Copper, Lead and Silver 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 the acceptable requirements.

E. Additional Comments:

The Post Digest Spike (ETGI-354A) analysis met criteria for all compounds except for Copper, 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.

Silver parameter is Oversaturated for Sample Q3671 so, its Reported from its 5X Dilution.



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_____