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CASE NARRATIVE

JACOBS Engineering Group, Inc.

Project Name: Former Schlumberger STC PTC Site D3868221

Project # N/A

Chemtech Project # Q1812

Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:

3 Water samples were received on 04/15/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Mercury, Metals ICP-RCRA, Metals ICP-TAL, METALS RCRA, METALS-TAL, SVOC-TCL BNA -20, TPH GC and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6020B, 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.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (285MS) analysis met criteria for all samples except for Arsenic, Iron, Silver due to matrix interference.

The Matrix Spike Duplicate (285MSD) analysis met criteria for all samples except for Arsenic, Iron, Silver due to matrix interference..

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 fax and hardcopy is not matching for Metals parameters. After fax, at the time of second review lab noticed ICSAB was out side of qc limits therefore these samples were reanalyzed and reported, Hard copy is reported correct.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.



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_____