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CASE NARRATIVE

Portal Partners Tri-Venture

Project Name: Amtrak Sawtooth Bridges 2025

Project # N/A

Order ID # Q2177

Test Name: TCLP ICP Metals, TCLP Mercury

A. Number of Samples and Date of Receipt:

7 Solid samples were received on 06/02/2025.

2 Water samples were received on 06/02/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, EPH, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, Trivalent Chromium, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for TCLP ICP Metals, TCLP Mercury.

C. Analytical Techniques:

The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate (TP01-MHB-WCDUP) analysis met criteria for all elements except for Barium due to sample matrix interference.

The Matrix Spike (TP01-MHA-WCMS) analysis met criteria for all elements except for Barium due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (TP01-MHA-WCMSD) analysis met criteria for all elements except for Barium 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 (TP01-MHA-WCA) analysis met criteria for all samples except for Barium 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.



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_____