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## **CASE NARRATIVE**

### **Portal Partners Tri-Venture**

**Project Name: Amtrak Sawtooth Bridges 2024**

**Project # N/A**

**Chemtech Project # P4460**

**Test Name: Hexavalent Chromium, Corrosivity, Trivalent Chromium, Ignitability, Reactive Cyanide, Reactive Sulfide**

### **A. Number of Samples and Date of Receipt:**

3 Solid samples were received on 10/18/2024.

2 Water samples were received on 10/18/2024.

### **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 Hexavalent Chromium, Corrosivity, Trivalent Chromium, Ignitability, Reactive Cyanide, Reactive Sulfide.

### **C. Analytical Techniques:**

The analysis of Ignitability was based on method 1030, The analysis of Trivalent Chromium was based on method 6010D, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of Corrosivity was based on method 9045D.

### **D. QA/ QC Samples:**

The Holding Times were met for all samples except for WB-303-BOT of Corrosivity as sample receive out of holding time.

The Blank Spike met requirements for all samples.

The Duplicate (WB-301-BOTDUP) analysis met criteria for all samples except for Reactive Cyanide due the results are Below Reporting Limit.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

### **E. Additional Comments:**

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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\_\_\_\_\_