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## **CASE NARRATIVE**

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

**Project Name: Amtrak Sawtooth Bridges 2025**

**Project # N/A**

**Order ID # Q2198**

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

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

4 Solid samples were received on 06/03/2025.

1 Water sample was received on 06/03/2025.

### **B. Parameters:**

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

### **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, The analysis of pH was based on method 9040C and The analysis of Corrosivity,pH was based on method 9045D.

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

The Holding Times were met for all samples except for B-202-GW01 of pH, for B-202-SB02 of pH.for B-202-SB02 of Corrosivity.for B-207-SB02 of pH.for B-207-SB02 of Corrosivity. As these samples are received out of hold.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

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:**

Sample was filtered in the Lab and analyzed after 24 hours from collection. PH was 7.3 and was adjusted to 9.4.

Sample was filtered in the Lab and analyzed after 24 hours from collection. Because sample was received out of working hours it was filtered in the next morning.

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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\_\_\_\_\_