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## **CASE NARRATIVE**

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

**Project Name: Amtrak Sawtooth Bridges 2025**

**Project # N/A**

**Order ID # Q2832**

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

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

10 Solid samples were received on 08/12/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, Hexavalent Chromium, Ignitability, Reactive Cyanide, Reactive Sulfide, Trivalent Chromium. This data package contains results for Corrosivity, Hexavalent Chromium, Ignitability, 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 and The analysis of Corrosivity was based on method 9045D.

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

The Holding Times were met for all samples except for TG-S01 of Corrosivity, for TG-S02 of Corrosivity, for TG-S03 of Corrosivity, for TG-S04 of Corrosivity and for TG-S05 of Corrosivity as samples were received out of holding time.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

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\_\_\_\_\_