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## **CASE NARRATIVE**

### **Nobis Group**

**Project Name: Raymark Superfund Site**

**Project # N/A**

**Chemtech Project # P5306**

**Test Name: Metals ICP-TAL, Metals Group6, Mercury**

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

18 Solid samples were received on 12/17/2024.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals Group6, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SPLP MetalGroup6, SVOCMS Group3 and VOCMS Group3. This data package contains results for Metals ICP-TAL, Metals Group6, Mercury.

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

The analysis of Metals Group6, Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

### **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 (HR-04-121624MS) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike (OU4-VSL-06R-121224MS) analysis met criteria for all samples except for Beryllium, Chromium and Cobalt due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (HR-04-121624MSD) analysis met criteria for all samples except for Mercury due to sample Matrix interference. The Matrix Spike Duplicate (OU4-VSL-06R-121224MSD) analysis met criteria for all samples except for Beryllium and Cobalt 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:**

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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\_\_\_\_\_