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## **CASE NARRATIVE**

**Earth Engineering Inc.**

**Project Name: Reserve Turgyan Farms**

**Project # N/A**

**Order ID # Q2818**

**Test Name: SPLP Mercury,SPLP MetalGroup3**

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

02 Solid samples were received on 08/11/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH\_NF, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for SPLP Mercury,SPLP MetalGroup3.

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

The analysis of SPLP MetalGroup3 was based on method 6010D, digestion based on method 3010 (water). The analysis of SPLP Mercury was based on method 7470A and digestion was based on method 7470 (water).

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

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (B-3-5-2MS) analysis met criteria for all compounds except for Beryllium due to Chemical Interference during Digestion Process.

The Matrix Spike Duplicate (B-3-5-2MSD) analysis met criteria for all compounds except for Beryllium 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 (B-3-5-2A) analysis met criteria for all compounds except for Beryllium 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.

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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\_\_\_\_\_