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## **CASE NARRATIVE**

**LaBella Associates P.C.**

**Project Name: Mackenna Parcels**

**Project # N/A**

**Chemtech Project # O3645**

**Test Name: Mercury, Metals Group5**

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

9 Solid samples were received on 07/17/2023.

1 Water sample was received on 07/17/2023.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals Group5, PCB Group1, SVOCMS Group1 and VOCMS Group1. This data package contains results for Mercury, Metals Group5.

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

The analysis of Metals Group5 was based on method 6010D, digestion based on method 3050 (soils) and 3010 (waters). The analysis and digestion of Mercury was based on method 7470A. The analysis and digestion of Mercury was based on method 7471B.

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

The Holding Times were met for all analysis.

Sample SB-04-(1-5) was diluted due to high concentrations for Mercury & Sample SB-08-(0.5-2.0) was diluted due to high concentrations for Mercury & Sample SB-10-(0.5-2.0) was diluted due to high concentrations for Mercury.

The Blank Spike met requirements for all samples.

The Duplicate (SB-04-(1-5)MSD) analysis met criteria for all samples except for Copper due to sample matrix interference.

The Matrix Spike (A508MS) analysis met criteria for all samples except for Barium and Zinc due to Chemical interference during Digestion Process. The Matrix Spike (SB-04-(1-5)MS) analysis met criteria for all samples except for Beryllium and Chromium due to sample matrix interference.

The Matrix Spike Duplicate (A508MSD) analysis met criteria for all samples except for Barium and Zinc due to Chemical interference during Digestion Process. The Matrix Spike Duplicate (SB-04-(1-5)MSD) analysis met criteria for all samples except for Barium, Beryllium, Chromium and Copper due to sample matrix interference.

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

The Calibration met the requirements.

The Serial Dilution (SB-04-(1-5)L) met criteria for all samples except for Manganese and Zinc due to sample matrix interference.



**E. Additional Comments:**

The temperature of the samples at the time of receipt was 24.3°C.

Sample O3645-06 was reported with 'OR' qualifier for Zinc Parameter.

This Data Package has been revised due to Parameter List Change as per Client Request.

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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\_\_\_\_\_