

## **CASE NARRATIVE**

**Roman E&G Corp**  
**Project Name: Perth Amboy**  
**Project # N/A**  
**Chemtech Project # P4258**  
**Test Name: EPH**

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

4 Solid samples were received on 10/01/2024.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, COD, Corrosivity, EPH, GROWS Concrete, GROWS Concrete ASTM, GROWS Soil, GROWS Soil-Waste Class, Herbicide, Hexavalent Chromium, Ignitability, Mercury, Metals Group1, Metals ICP-Group1, Metals ICP-TAL, METALS-TAL, Oil and Grease, Paint Filter, PCB, Pesticide-TCL, pH, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP Mercury, TCLP Metals + Cu+Ni+Zn, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS, TVS and VOC-TCLVOA-10. This data package contains results for EPH.

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

The analysis were performed on instrument FID\_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analyses were performed on instrument FID\_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

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

The Holding Times were met for all analysis.  
The Surrogate recoveries met the acceptable criteria.  
The Retention Times were acceptable for all samples.  
The MS recoveries met the requirements for all compounds .  
The MSD recoveries met the acceptable requirements .  
The RPD met criteria .  
The Blank Spike met requirements for all samples .  
The Blank Spike Duplicate met requirements for all samples .  
The Blank analysis did not indicate the presence of lab contamination.  
The Initial Calibration met the requirements .  
The Continuous Calibration met the requirements .



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**E. Additional Comments:**

The temperature of the samples at the time of receipt was 22.1°C, Lab notified this issue to the client. See the communication in shipping Document section.

The soil samples results are based on a dry weight basis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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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\_\_\_\_\_