



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

Roman E&G Corp

Project Name: Perth Amboy

Project # N/A

Chemtech Project # P4258

Test Name: Hexavalent Chromium,ASTM Ammonia,TS,Oil and Grease,Corrosivity,pH,Paint Filter,ASTM TS,TVS,Ammonia,ASTM COD,COD,Anions Group1,Ignitability,ASTM Oil and Grease,Reactive Cyanide,Reactive Sulfide

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 Hexavalent Chromium,ASTM Ammonia,TS,Oil and Grease,Corrosivity,pH,Paint Filter,ASTM TS,TVS,Ammonia,ASTM COD,COD,Anions Group1,Ignitability,ASTM Oil and Grease,Reactive Cyanide,Reactive Sulfide.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030, The analysis of TVS was based on method 160.4, The analysis of ASTM Oil and Grease,Oil and Grease was based on method 1664A, 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, The analysis of Corrosivity,pH was based on method 9045D, The analysis of Anions Group1 was based on method 9056A, The analysis of Paint Filter was based on method 9095B, The analysis of ASTM TS,TS was based on method SM2540 B, The analysis of Ammonia,ASTM Ammonia was based on method SM4500-NH3 and The analysis of ASTM COD,COD was based on method SM5220 D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for Chamberlain Ave of pH & for Chamberlain Ave of Corrosivity Due to sample receive out of hold.



The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (Chamberlain AveMS) analysis met criteria for all samples except for Oil and Grease due to matrix interferences.

The Matrix Spike Duplicate (Chamberlain AveMSD) analysis met criteria for all samples except for Oil and Grease due to matrix interferences.

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

The Calibration met the requirements.

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.

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_____