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CASE NARRATIVE

Kleinfelder
Project Name: Girard School - PA
Project # N/A
Order ID # Q2807
Test Name: Mercury,Metals ICP-Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 08/08/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for Mercury,Metals ICP-Group1.

C. Analytical Techniques:
The analysis of Metals ICP-Group1 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.
Sample COMP-4 was diluted due to high concentrations for Mercury & Sample COMP-5 was diluted due to high concentrations for Mercury & Sample COMP-6 was diluted due to high concentrations for Mercury.
The Blank Spike met requirements for all compounds.
The Duplicate (COMP-6DUP) analysis met criteria for all compounds except for Mercury due to sample matrix interference.
The Duplicate (COMP-6MSD) analysis met criteria for all compounds except for Mercury due to sample matrix interference.
The Matrix Spike (VNJ-231MS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Selenium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion process.
The Matrix Spike Duplicate (VNJ-231MSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Potassium, Selenium, Silver, Sodium and Vanadium 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 (COMP-6L) met criteria for all compounds except for Mercury due to sample matrix interference.

E. Additional Comments:

The Post Digest Spike (VNJ-231A) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Copper, Potassium, Selenium, Silver, Sodium and Vanadium 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.

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_____