



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

CASE NARRATIVE

Tetra Tech, EMI

Project Name: R36704

Project # N/A

Chemtech Project # P4601

Test Name: Herbicide

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 10/29/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Herbicide. This data package contains results for Herbicide.

C. Analytical Techniques:

The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324. The analysis of Herbicides was based on method 8151A and extraction was done based on method 3510.

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 {P4601-37MS} with File ID: PS028403.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[147%], 2,4-D[147%] and Dinoseb[0%] due to matrix interference.

The MSD {P4601-38MSD} with File ID: PS028404.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[146%], 2,4-D[153%] and Dinoseb[0%] due to matrix interference.

The RPD met criteria .

The Blank Spike 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 .



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

E. Additional Comments:

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.

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_____