



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

## **CASE NARRATIVE**

**Tetra Tech**

**Project Name: Ocean County Landfill 2024**

**Project # N/A**

**Chemtech Project # P4860**

**Test Name: Pesticide-TCL**

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

10 Solid samples were received on 11/14/2024.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Hexavalent Chromium, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, pH, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Pesticide-TCL.

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

The analysis was performed on instrument ECD\_L. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11 The rear column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,; Catalog # 7HM-G016-17. .The analysis of Pesticide-TCLs was based on method 8081B 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 analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PL093134.D met the requirements except for 4,4-DDD is failing in 2nd column but no positive hit in associated sample therefore no corrective action taken.

### **E. Additional Comments:**

sample# DUP-01 was reported with J flag on form 1 for com#11 based on reporting criteria of high concentration from both column. Now for other column compound detection is below MDL therefore it is not detecting on form 10.



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sample# PH2-BOT-001 was reported with J flag on form 1 for com#13 based on reporting criteria of high concentration from both column. Now for other column compound detection is below MDL therefore it is not detecting on form 10.

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\_\_\_\_\_