



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

## **CASE NARRATIVE**

**PARSONS Engineering of New York, Inc.**

**Project Name: Con Edison - 11th Ave-West 50th St Site**

**Project # N/A**

**Chemtech Project # Q1739**

**Test Name: TCLP Pesticide**

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

2 Water samples were received on 04/04/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Flash Point, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TPH GC and VOC-TCLVOA-10. This data package contains results for TCLP Pesticide.

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

The analysis was performed on instrument ECD\_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

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

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for WC-LIQUID-20250404 [Tetrachloro-m-xylene(1) - 58%, Tetrachloro-m-xylene(2) - 63%], WC-LIQUID-20250404MS [Tetrachloro-m-xylene(1) - 62%, Tetrachloro-m-xylene(2) - 70%], WC-LIQUID-20250404MSD [Tetrachloro-m-xylene(1) - 61% and Tetrachloro-m-xylene(2) - 69%] MS and MSD surrogate failure confirmed with parent sample.

The Retention Times were acceptable for all samples.

The MS recoveries for {Q1739-02MS} with File ID: PL095145.D met requirements for all samples except for Endrin[68%], Heptachlor epoxide[60%] and Methoxychlor[68%] Due to matrix interference..

The MSD {Q1739-02MSD} with File ID: PL095146.D recoveries met requirements for all samples except for Endrin[66%], Heptachlor epoxide[58%] and Methoxychlor[68%] Due to matrix interference .



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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 .

**E. Additional Comments:**

**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\_\_\_\_\_