



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

## **CASE NARRATIVE**

### **AECOM**

**Project Name: Meeker Ave Plumes Superfund Site RI FS**

**Project # N/A**

**Order ID # Q1913**

**Test Name: TCLP VOA**

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

2 Solid samples were received on 04/29/2025.

2 Water samples were received on 04/29/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested:

Corrosivity, Flash Point, Ignitability, Paint Filter, PCB, pH, RCRA

CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP

Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP

VOA and TCLP ZHE Extraction. This data package contains results for TCLP VOA.

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

The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI The analysis of TCLP VOA was based on method 8260D 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-13-A-202504

[Dibromofluoromethane - 69%], WC-13-A-202504RE [Dibromofluoromethane - 73%]  
sample was reanalyzed to confirm the failure and reported.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria.

The Blank Spike met requirements for all samples.

The Blank Spike Duplicate 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 VX045985.D met the requirements except for Carbon Tetrachloride is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.



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**E. Additional Comments:**

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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