



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

## **CASE NARRATIVE**

**Environmental Restoration, LLC**

**Project Name: CC2-16 Analytical**

**Project # N/A**

**Order ID # Q2481**

**Test Name: TCLP Herbicide**

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

10 Water samples were received on 06/27/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: TCLP Herbicide. This data package contains results for TCLP 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 TCLP Herbicides was based on method 8151A 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 were met for all analysis except for CC0627-CLOXPL [2,4-DCAA(1)49%], CC0625-OXBL [2,4-DCAA(1)252%, 2,4-DCAA(2)172%], CC0625-NL [2,4-DCAA(1)37%, 2,4-DCAA(2)453%], CC0267-OXPL [2,4-DCAA(1)7%, 2,4-DCAA(2)254%], CC0627-OXL [2,4-DCAA(1)2153%] and CC0627-BL [2,4-DCAA(2)626%]. As evidenced by the chromatograms, recoveries of the surrogates were affected by the samples matrix. Therefore no further corrective action was taken.

The Retention Times were met for all analysis.

The MS {Q2641-02MS} with File ID: PS031234.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)155% - 2,4,5-TP(Silvex)(2)153%] and [2,4-D(1)161% - 2,4-D(2)172%] due to matrix interference.

The MSD {Q2641-02MSD} with File ID: PS031235.D recoveries met the requirements for all compounds except for [2,4,5-TP(Silvex)(1)148% - 2,4,5-TP(Silvex)(2)145%] and [2,4-D(1)152% - 2,4-D(2)162%] due to matrix interference.

The RPD were met for all analysis.



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The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID PS031260.D met the requirements except for 2,4-D,2,4-DCAA is failing in 1st column AND 2,4-D,2,4-DCAA is failing in 2nd column. But associated samples have not positive hit for these compounds therefore no corrective action was taken.

Samples CC0627-CLOXPL, CC0625-OXBL, CC0625-NL, CC0267-OXPL, CC0627- OXL and CC0627-BL were diluted due to non environmental chemical treated samples are received and having very bad matrix.

**E. Additional Comments:**

The fax and hardcopy is not matching for CC0627-AL and CC0627-OXL, as fax samples analyzed in seq PS072825 where Ending I.BLK and CCAL missing, as corrective action lab reanalyzed these samples in seq PS073025 and hard copy reported from second analysis. The above sample original run is reported as screening data in miscellaneous data.

The temperature of the samples at the time of receipt was 21.0°C.

Less volume was taken at the time of extraction due to these samples were not regular environmental samples, its chemical treated sample

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