

## **CASE NARRATIVE**

**Environmental Restoration, LLC**

**Project Name: CC2-16 Analytical**

**Project # N/A**

**Order ID # Q2481**

**Test Name: PCB**

### **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: Flash Point, PCB, pH, TCLP Extraction, TCLP ICP Metals and TCLP Mercury. This data package contains results for PCB.

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

The analyses were performed on instrument GCECD\_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analyses were performed on instrument GCECD\_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A 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 except for CC0627-OXL [ Tetrachloro-m-xylene(2)25%]. As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

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 met the requirements .

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



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**E. Additional Comments:**

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\_\_\_\_\_