

## **CASE NARRATIVE**

**Tetra Tech, EMI**  
**Project Name: R37108**  
**Project # N/A**  
**Order ID # Q3673**  
**Test Name: PCB**

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

13 Solid samples were received on 11/19/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

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

The analyses were performed on instrument GCECD\_Q. 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 3541.

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

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for C0AH1DL [Decachlorobiphenyl(1)199%], AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken, C0AH2DL2 [Decachlorobiphenyl(1)0%, Decachlorobiphenyl(2)0%, Tetrachloro-m-xylene(1)0% and Tetrachloro-m-xylene(2)0%] Surrogates were diluted out due to the high dilution, no further corrective action was taken.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

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 met the requirements.



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Samples C0AH0, C0AH1, C0AH2 and C0AH2DL were diluted due to high concentrations.

**E. Additional Comments:**

Sample C0AH2DL Initially analyzed in sequence PO112425 but due to instrument error End I.BLK not analyzed as a corrective action sample reanalyzed in PO112525 and reported in Hardcopy and Fax data Provided in Miscellaneous section therefore fax and hardcopy data will not match.

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\_\_\_\_\_