

CASE NARRATIVE

Environmental Restoration, LLC

Project Name: Cooper Chemical - Long Valley NJ 2-COOP-ANS

Project # N/A

Order ID # Q2594

Test Name: PCB

A. Number of Samples and Date of Receipt:

1 Water sample was received on 07/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. 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 analysis of PCBs was based on method 608.3 and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for CC-071325-RW [Tetrachloro-m-xylene(2)196%]this compound did not meet the NJDKQP criteria and in-house criteria but AS per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate 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 PP073900.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing for 2nd column therefore no corrective action taken.

E. Additional Comments:

“As per method, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project. However, Lab has performed LCS/LCSD



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instead.”

The temperature of the samples at the time of receipt was 24.2°C .Lab notified this issue to the client. See the communication in shipping Document section.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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_____