



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.

Project Name: NYPA-Zeltmann Power plant-HSRG 7B

Project # N/A

Order ID # Q3346

Test Name: PCB,TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 10/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB,TCLP ICP Metals,TCLP Mercury. This data package contains results for PCB(8082A),TCLP ICP Metals(6010D),TCLP Mercury(7470A).

C. Analytical Techniques:

PCB : 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 8082A and extraction was done based on method 3541.

TCLP ICP Metals,TCLP Mercury : The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A 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.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

PCB : The MS {Q3348-05MS} with File ID: PP075824.D recoveries met the requirements for all compounds except for [AR1016(2) - 172%] due to matrix interference.

The MSD recoveries met the requirements for all compounds except following

PCB : The MSD {Q3348-05MSD} with File ID: PP075825.D recoveries met the requirements for all compounds except for [AR1016(2) - 184%] due to matrix interference.

The RPD recoveries met criteria.

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.



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The Continuous Calibration met the requirements.
The Duplicate analysis met criteria for all compound.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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.

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_____