



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

CASE NARRATIVE

Tectonic Engineering

Project Name: PN 16-1640 - York College

Project # N/A

Chemtech Project # N4437

Test Name: PCB

A. Number of Samples and Date of Receipt:

3 Water samples were received on 08/29/2022.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Anions Group1, CBOD5, Chloride, Flash Point, Hexavalent Chromium, Mercury, METALS-NYCD, Non-Polar Material, NYCDischARGE, PCB, Phenolics, SVOC-NYCD, TKN, Total Nitrogen, TS, TSS and VOC-NYCD. 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 met the acceptable criteria except for

MW-2-(17) [Decachlorobiphenyl(1) - 39%, Decachlorobiphenyl(2) - 42%],

MW-2-(17)RE [Decachlorobiphenyl(1) - 37% and Decachlorobiphenyl(2) - 41%].

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.

E. Additional Comments:



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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_____