



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

## **CASE NARRATIVE**

**Remington & Vernick Engineers**

**Project Name: 169 Bridgeton Pike Mullica Hill, NJ # 0800X062**

**Project # N/A**

**Chemtech Project # O2505**

**Test Name: PCB**

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

7 Solid samples were received on 04/26/2023.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested:

EPH, EPH\_NF, Metals Group3, PCB, 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\_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 met the acceptable criteria except for WO-4 [Decachlorobiphenyl(1) - 221%, Decachlorobiphenyl(2) - 184%], WO-4 [Decachlorobiphenyl(1) - 253% and Decachlorobiphenyl(2) - 205%], these compounds did not meet the NJDKQP criteria and in-house criteria , sample was reanalyzed to confirm the failure and reported.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike 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 WO-4, WO-5 was diluted due to dirty matrix.

### **E. Additional Comments:**

The soil samples results are based on a dry weight basis.



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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.

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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\_\_\_\_\_