

CASE NARRATIVE

Walsh Construction Company II, LLC

Project Name: Construction of Shafts 17B-18B - PN 220084

Project # N/A

Order ID # Q2487

Test Name: PCB

A. Number of Samples and Date of Receipt:

24 Solid samples were received on 07/01/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Ammonia, COD, Corrosivity, Cyanide, Diesel Range Organics, EPH_NF, Gasoline Range Organics, Herbicide, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS TAL+CN, Oil and Grease, Paint Filter, PCB, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SPLP BNA, SPLP Extraction, SPLP Herbicide, SPLP ICP Metals, SPLP Mercury, SPLP Pesticide, SPLP VOA, SPLP ZHE Ext, SPLP-FULL, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Metals+Cu+Ni+Zn, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group1, TKN, TPH GC, Trivalent Chromium, TS, TVS 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 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 G1(0-6)

[Decachlorobiphenyl(1)179%]. As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

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 .



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The Continuous Calibration File ID PP073520.D met the requirements except for Aroclor-1016(Peak-05) is failing in 2nd column. This compound is failing by marginally however it is passed in 1st column therefore no corrective action was taken.

The Continuous Calibration File ID PP073549.D met the requirements except for Aroclor-1260(Peak-05) is failing in 1st column, This compound is failing by marginally however it is passed in 2nd column therefore no corrective action was taken. AND Aroclor-1016(Peak-03),Aroclor-1016(Peak-04),Aroclor-1016(Peak-05) is failing in 2nd column, This compound is failing by marginally however it is passed in 1st column therefore no corrective action was taken.

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_____