CASE NARRATIVE

Tully Construction Co., Inc.
Project Name: Hamilton
Project # N/A
Chemtech Project # P5026
Test Name: SVOC-PAH

A. Number of Samples and Date of Receipt:
8 Solid samples were received on 11/27/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Corrosivity, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-PAH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TPH GC and VOC-TCLVOA-10. This data package contains results for SVOC-PAH.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df The analysis of SVOC-PAH was based on method 8270E 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.
The Internal Standards Areas met the acceptable requirements.
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 for {P5026-05MSD} with File ID: BF140698.D met criteria except for Benzo(a)pyrene[21%], Benzo(k)fluoranthene[28%], due to difference in results of MS and MSD.

The Blank Spike for {PB165312BS} with File ID: BF140704.D met requirements for all samples except for Benzo(a)pyrene[106%], Indeno(1,2,3-cd)pyrene[106%], marginally high therefore no corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:
As per special requirement for this project form-1 and Hit Summary are reported in mg/kg.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

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_____