

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167270BSD	SDG No.:	Q1626
Lab Sample ID:	PB167270BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/24/25 08:18	03/24/25 15:39	PB167270

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	41.0	E	1	1.18	2.00	mg/kg	FE052942.D
Aliphatic C9-C28	Aliphatic C9-C28	112	E	1	0.91	4.00	mg/kg	FE052942.D
Total AliphaticEPH	Total AliphaticEPH	153			2.09	6.00	mg/kg	
Total EPH	Total EPH	153			2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052942.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	112	E	0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.0	E	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.8		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167270BSD	Acq On:	24 Mar 2025 15:39
Client Sample ID:	PB167270BSD	Operator:	YP\AJ
Data file:	FE052942.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.147	6.791	48313321	309.803	300	ug/ml
Aliphatic C12-C16	6.792	10.244	58064498	381.756	200	ug/ml
Aliphatic C16-C21	10.245	13.623	62867169	428.987	300	ug/ml
Aliphatic C21-C28	13.624	17.297	79578487	558.634	400	ug/ml
Aliphatic C28-C40	17.298	22.225	78486772	615.153	600	ug/ml
Aliphatic EPH	3.147	22.225	327310247	2290		ug/ml
ortho-Terphenyl (SURR)	11.911	11.911	6427762	38.13		ug/ml
1-chlorooctadecane (SURR)	13.356	13.356	4830119	39.78		ug/ml
Aliphatic C9-C28	3.147	17.297	248823475	1680	1200	ug/ml