

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	07/01/25
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	07/01/25
Client Sample ID:	G3(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/03/25 09:30	07/07/25 16:30	PB168723

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	44.7		1	1.68	2.85	mg/kg	FE054708.D
Aliphatic C9-C28	Aliphatic C9-C28	5.49	J	1	1.29	5.69	mg/kg	FE054708.D
Total AliphaticEPH	Total AliphaticEPH	50.2			2.98	8.54	mg/kg	
Total EPH	Total EPH	50.2			2.98	8.54	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
FE054708.D	1	07/03/25	07/07/25	PB168723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.49	J	1.29	5.69	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.7		1.68	2.85	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.6		40 - 140	69%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2487-12	Acq On:	07 Jul 2025 16:30
Client Sample ID:	G3(6-12)	Operator:	YP\AJ
Data file:	FE054708.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	1888466	13.88	300	ug/ml
Aliphatic C12-C16	6.954	10.404	1050152	7.471	200	ug/ml
Aliphatic C16-C21	10.405	13.782	2133879	14.778	300	ug/ml
Aliphatic C21-C28	13.783	17.452	3144747	21.74	400	ug/ml
Aliphatic C28-C40	17.453	22.469	65375625	471.524	600	ug/ml
Aliphatic EPH	3.322	22.469	73592869	529.393		ug/ml
ortho-Terphenyl (SURR)	12.083	12.083	5618129	34.6		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	4264936	33.77		ug/ml
Aliphatic C9-C28	3.322	17.452	8217244	57.869	1200	ug/ml