

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:	G4(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.6
Sample Wt/Vol:	30.08 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 15:29	PB168723

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	24.2		1	1.62	2.75	mg/kg FE054706.D
Aliphatic C9-C28	Aliphatic C9-C28	5.62		1	1.25	5.49	mg/kg FE054706.D
Total AliphaticEPH	Total AliphaticEPH	29.8			2.87	8.24	mg/kg
Total EPH	Total EPH	29.8			2.87	8.24	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
FE054706.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	5.62		1.25	5.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.2		1.62	2.75	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.5		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2487-10	Acq On:	07 Jul 2025 15:29
Client Sample ID:	G4(6-12)	Operator:	YP\AJ
Data file:	FE054706.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	3.322	6.953	1825575	13.418	300	ug/ml
Aliphatic C12-C16	6.954	10.404	1030756	7.333	200	ug/ml
Aliphatic C16-C21	10.405	13.782	1941844	13.448	300	ug/ml
Aliphatic C21-C28	13.783	17.452	3933999	27.196	400	ug/ml
Aliphatic C28-C40	17.453	22.469	36698649	264.69	600	ug/ml
Aliphatic EPH	3.322	22.469	45430823	326.086		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4485725	27.62		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	3597566	28.49		ug/ml
Aliphatic C9-C28	3.322	17.452	8732174	61.395	1200	ug/ml