

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(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.2
Sample Wt/Vol:	30.05 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	07/08/25 8:54	PB168723

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	89.6		5	6.46	10.9	mg/kg FE054730.D
Aliphatic C9-C28	Aliphatic C9-C28	34.4		1	1.00	4.37	mg/kg FE054707.D
Total AliphaticEPH	Total AliphaticEPH	124			7.46	15.3	mg/kg
Total EPH	Total EPH	124			7.46	15.3	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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FE054707.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	34.4		1.00	4.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	73.0	E	1.29	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.9		40 - 140	58%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2487-11	Acq On:	07 Jul 2025 16:00
Client Sample ID:	G3(0-6)	Operator:	YP\AJ
Data file:	FE054707.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	2175026	15.986	300	ug/ml
Aliphatic C12-C16	6.954	10.404	5628807	40.043	200	ug/ml
Aliphatic C16-C21	10.405	13.782	26612926	184.308	300	ug/ml
Aliphatic C21-C28	13.783	17.452	33367847	230.677	400	ug/ml
Aliphatic C28-C40	17.453	22.469	138624153	999.832	600	ug/ml
Aliphatic EPH	3.322	22.469	206408759	1470		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4692704	28.9		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	4723088	37.4		ug/ml
Aliphatic C9-C28	3.322	17.452	67784606	471.014	1200	ug/ml