

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:	G1(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.7
Sample Wt/Vol:	30.02 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 10:25	PB168723

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	73.4		5	7.31	12.4	mg/kg FE054733.D
Aliphatic C9-C28	Aliphatic C9-C28	16.9		1	1.13	4.96	mg/kg FE054711.D
Total AliphaticEPH	Total AliphaticEPH	90.3			8.44	17.4	mg/kg
Total EPH	Total EPH	90.3			8.44	17.4	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
FE054711.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	16.9		1.13	4.96	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	67.6	E	1.46	2.48	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.9		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.7		40 - 140	43%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2487-15	Acq On:	07 Jul 2025 18:02
Client Sample ID:	G1(0-6)	Operator:	YP\AJ
Data file:	FE054711.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	1036895	7.621	300	ug/ml
Aliphatic C12-C16	6.954	10.404	2115621	15.051	200	ug/ml
Aliphatic C16-C21	10.405	13.782	11379377	78.808	300	ug/ml
Aliphatic C21-C28	13.783	17.452	14938993	103.276	400	ug/ml
Aliphatic C28-C40	17.453	22.469	113456601	818.31	600	ug/ml
Aliphatic EPH	3.322	22.469	142927487	1020		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	3529928	21.74		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	3147803	24.92		ug/ml
Aliphatic C9-C28	3.322	17.452	29470886	204.756	1200	ug/ml