284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.04 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 10:56	PB168723

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	69.7		5	6.32	10.7	mg/kg	FE054734.D
Aliphatic C9-C28	Aliphatic C9-C28	62.0		1	0.97	4.28	mg/kg	FE054712.D
Total AliphaticEPH	Total AliphaticEPH	132			7.29	15.0	mg/kg	
Total EPH	Total EPH	132			7.29	15.0	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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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(6-12)	SDG No.:	Q2487
Lab Sample ID:	Q2487-16	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054712.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		62.0		0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		60.6	E	1.26	2.14	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		31.1		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		28.4		40 - 140	57%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2487-16	Acq On:	07 Jul 2025 18:33
Client Sample ID:	G1(6-12)	Operator:	YP\AJ
Data file:	FE054712.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	29591077	217.493	300	ug/ml
Aliphatic C12-C16	6.954	10.404	28119291	200.04	200	ug/ml
Aliphatic C16-C21	10.405	13.782	43274284	299.697	300	ug/ml
Aliphatic C21-C28	13.783	17.452	21946011	151.716	400	ug/ml
Aliphatic C28-C40	17.453	22.469	117836360	849.899	600	ug/ml
Aliphatic EPH	3.322	22.469	240767023	1720		ug/ml
ortho-Terphenyl (SURR)	12.084	12.084	4603196	28.35		ug/ml
1-chlorooctadecane (SURR)	13.520	13.520	3928637	31.11		ug/ml
Aliphatic C9-C28	3.322	17.452	122930663	868.946	1200	ug/ml