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:	G4(0-6)	SDG No.:	Q2487
Lab Sample ID:	Q2487-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.1
Sample Wt/Vol:	30.06 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 14:59	PB168723

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1	1.35	2.29	mg/kg	FE054705.D
Aliphatic C9-C28	Aliphatic C9-C28	11.6		1	1.04	4.59	mg/kg	FE054705.D
Total AliphaticEPH	Total AliphaticEPH	37.7			2.39	6.88	mg/kg	
Total EPH	Total EPH	37.7			2.39	6.88	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054705.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	11.6		1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.9		40 - 140	60%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2487-09	Acq On:	07 Jul 2025 14:59
Client Sample ID:	G4(0-6)	Operator:	YP\AJ
Data file:	FE054705.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	2328111	17.112	300	ug/ml
Aliphatic C12-C16	6.954	10.404	3064583	21.801	200	ug/ml
Aliphatic C16-C21	10.405	13.782	5930014	41.068	300	ug/ml
Aliphatic C21-C28	13.783	17.452	10303020	71.226	400	ug/ml
Aliphatic C28-C40	17.453	22.469	47389597	341.799	600	ug/ml
Aliphatic EPH	3.322	22.469	69015325	493.007		ug/ml
ortho-Terphenyl (SURR)	12.081	12.081	4852776	29.88		ug/ml
1-chlorooctadecane (SURR)	13.517	13.517	4073739	32.26		ug/ml
Aliphatic C9-C28	3.322	17.452	21625728	151.207	1200	ug/ml