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:	
Project:	Construction of Shafts 17B-18B - PN 220084	Date Received:	
Client Sample ID:	WC-11MS	SDG No.:	Q2487
Lab Sample ID:	Q2493-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.7
Sample Wt/Vol:	30.01 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 15:22	PB168723

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	40.4		1	1.33	2.25	mg/kg	FC069381.D
Aliphatic C9-C28	Aliphatic C9-C28	82.8		1	1.03	4.51	mg/kg	FC069381.D
Total AliphaticEPH	Total AliphaticEPH	123			2.36	6.76	mg/kg	
Total EPH	Total EPH	123			2.36	6.76	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
FC069381.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	82.8		1.03	4.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	40.4		1.33	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.3		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2493-01MS	Acq On:	07 Jul 2025 15:22
Client Sample ID:	WC-11MS	Operator:	YP/AJ
Data file:	FC069381.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.302	6.602	28763772	196.099	300	ug/ml
Aliphatic C12-C16	6.603	10.006	39497349	248.083	200	ug/ml
Aliphatic C16-C21	10.007	13.376	44803509	290.114	300	ug/ml
Aliphatic C21-C28	13.377	17.041	49376218	368.572	400	ug/ml
Aliphatic C28-C40	17.042	22.022	49515605	537.486	600	ug/ml
Aliphatic EPH	3.302	22.022	211956453	1640		ug/ml
ortho-Terphenyl (SURR)	11.677	11.677	4776195	27.65		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	3828460	29.3		ug/ml
Aliphatic C9-C28	3.302	17.041	162440848	1100	1200	ug/ml