

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	03/21/25
Project:	Walsh CO-032 Sampling	Date Received:	03/21/25
Client Sample ID:	CO-32-1	SDG No.:	Q1626
Lab Sample ID:	Q1626-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
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
03/24/25 08:18	03/24/25 18:40	PB167270

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1	1.24	2.11	mg/kg FE052948.D
Aliphatic C9-C28	Aliphatic C9-C28	10.6		1	0.96	4.21	mg/kg FE052948.D
Total AliphaticEPH	Total AliphaticEPH	31.4			2.20	6.32	mg/kg
Total EPH	Total EPH	31.4			2.20	6.32	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
FE052948.D	1	03/24/25	03/24/25	PB167270

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	10.6		0.96	4.21	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.1		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1626-01	Acq On:	24 Mar 2025 18:40
Client Sample ID:	CO-32-1	Operator:	YP\AJ
Data file:	FE052948.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	3.147	6.791	1743979	11.183	300	ug/ml
Aliphatic C12-C16	6.792	10.244	1462358	9.615	200	ug/ml
Aliphatic C16-C21	10.245	13.623	6290974	42.928	300	ug/ml
Aliphatic C21-C28	13.624	17.297	12474685	87.571	400	ug/ml
Aliphatic C28-C40	17.298	22.225	37674691	295.281	600	ug/ml
Aliphatic EPH	3.147	22.225	59646687	446.578		ug/ml
ortho-Terphenyl (SURR)	11.909	11.909	4564029	27.07		ug/ml
1-chlorooctadecane (SURR)	13.355	13.355	3629157	29.89		ug/ml
Aliphatic C9-C28	3.147	17.297	21971996	151.297	1200	ug/ml