

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/05/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/05/24
Client Sample ID:	WC-3(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/07/24 09:50	11/08/24 9:06	PB164751

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	100		5	10.4	11.5	mg/kg FE051109.D
Aliphatic C9-C28	Aliphatic C9-C28	21.4		1	1.98	4.61	mg/kg FE051089.D
Total AliphaticEPH	Total AliphaticEPH	121			12.4	16.1	mg/kg
Total EPH	Total EPH	121			12.4	16.1	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
FE051089.D	1	11/07/24	11/07/24	PB164751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	21.4		1.98	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	91.5	E	2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.1		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.8		40 - 140	50%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4722-13	Acq On:	07 Nov 2024 17:40
Client Sample ID:	WC-3(0-6)	Operator:	YP\AJ
Data file:	FE051089.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.757	1512583	10.811	300	ug/ml
Aliphatic C12-C16	6.758	10.189	4667226	33.187	200	ug/ml
Aliphatic C16-C21	10.190	13.548	8166826	59.28	300	ug/ml
Aliphatic C21-C28	13.549	17.202	23630833	176.413	400	ug/ml
Aliphatic C28-C40	17.203	22.047	153532035	1190	600	ug/ml
Aliphatic EPH	3.140	22.047	191509503	1470		ug/ml
ortho-Terphenyl (SURR)	11.852	11.852	3722547	24.8		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	3191438	28.11		ug/ml
Aliphatic C9-C28	3.140	17.202	37977468	279.691	1200	ug/ml