

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-2(0-6)	SDG No.:	P4722
Lab Sample ID:	P4722-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.1
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
11/07/24 09:50	11/08/24 8:36	PB164751

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	126		5	9.99	11.1	mg/kg FE051108.D
Aliphatic C9-C28	Aliphatic C9-C28	35.7		1	1.91	4.44	mg/kg FE051088.D
Total AliphaticEPH	Total AliphaticEPH	162			11.9	15.5	mg/kg
Total EPH	Total EPH	162			11.9	15.5	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
FE051088.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	35.7		1.91	4.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	120	E	2.00	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.8		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.4		40 - 140	63%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4722-08	Acq On:	07 Nov 2024 17:10
Client Sample ID:	WC-2(0-6)	Operator:	YP\AJ
Data file:	FE051088.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.757	1980327	14.154	300	ug/ml
Aliphatic C12-C16	6.758	10.189	4610687	32.785	200	ug/ml
Aliphatic C16-C21	10.190	13.548	22243582	161.457	300	ug/ml
Aliphatic C21-C28	13.549	17.202	36797174	274.705	400	ug/ml
Aliphatic C28-C40	17.203	22.047	210369563	1630	600	ug/ml
Aliphatic EPH	3.140	22.047	276001333	2120		ug/ml
ortho-Terphenyl (SURR)	11.853	11.853	4714414	31.41		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	4513924	39.76		ug/ml
Aliphatic C9-C28	3.140	17.202	65631770	483.101	1200	ug/ml