

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:		
Client Sample ID:	PB164751BSD		SDG No.:	P4722	
Lab Sample ID:	PB164751BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.03	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	11/07/24 17:15	PB164751

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1	1.80	2.00	mg/kg	FC067659.D
Aliphatic C9-C28	Aliphatic C9-C28	67.7		1	1.72	3.99	mg/kg	FC067659.D
Total AliphaticEPH	Total AliphaticEPH	94.6			3.52	5.99	mg/kg	
Total EPH	Total EPH	94.6			3.52	5.99	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
FC067659.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	67.7		1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.9		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.5		40 - 140	69%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164751BSD	Acq On:	07 Nov 2024 17:15
Client Sample ID:	PB164751BSD	Operator:	YP/AJ
Data file:	FC067659.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.452	22832781	168.545	300	ug/ml
Aliphatic C12-C16	6.453	9.842	30414547	230.97	200	ug/ml
Aliphatic C16-C21	9.843	13.198	34276315	269.394	300	ug/ml
Aliphatic C21-C28	13.199	16.853	41846131	348.455	400	ug/ml
Aliphatic C28-C40	16.854	21.696	40767490	403.266	600	ug/ml
Aliphatic EPH	3.171	21.696	170137264	1420		ug/ml
ortho-Terphenyl (SURR)	11.494	11.494	5066893	34.53		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	3816449	35.34		ug/ml
Aliphatic C9-C28	3.171	16.853	129369774	1020	1200	ug/ml