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:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	
Client Sample ID:	PB164751BS	SDG No.:	P4722
Lab Sample ID:	PB164751BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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	11/07/24 16:38	PB164751

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	27.0		1	1.80	2.00	mg/kg	FC067658.D
Aliphatic C9-C28	Aliphatic C9-C28	68.6		1	1.72	4.00	mg/kg	FC067658.D
Total AliphaticEPH	Total AliphaticEPH	95.6			3.52	6.00	mg/kg	
Total EPH	Total EPH	95.6			3.52	6.00	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
FC067658.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	68.6		1.72	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.0		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.5		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164751BS	Acq On:	07 Nov 2024 16:38
Client Sample ID:	PB164751BS	Operator:	YP/AJ
Data file:	FC067658.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.452	23340030	172.29	300	ug/ml
Aliphatic C12-C16	6.453	9.842	30785801	233.789	200	ug/ml
Aliphatic C16-C21	9.843	13.198	34492727	271.094	300	ug/ml
Aliphatic C21-C28	13.199	16.853	42081404	350.414	400	ug/ml
Aliphatic C28-C40	16.854	21.696	41020113	405.765	600	ug/ml
Aliphatic EPH	3.171	21.696	171720075	1430		ug/ml
ortho-Terphenyl (SURR)	11.494	11.494	5102855	34.78		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	3829694	35.46		ug/ml
Aliphatic C9-C28	3.171	16.853	130699962	1030	1200	ug/ml