

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:	JC-701-COMP-01MS	SDG No.:	P4722
Lab Sample ID:	P4720-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.07 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 19:06	PB164751

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	59.0	E	1	1.98	2.20	mg/kg	FC067662.D
Aliphatic C9-C28	Aliphatic C9-C28	94.2	E	1	1.89	4.40	mg/kg	FC067662.D
Total AliphaticEPH	Total AliphaticEPH	153			3.87	6.60	mg/kg	
Total EPH	Total EPH	153			3.87	6.60	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
FC067662.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	94.2	E	1.89	4.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	59.0	E	1.98	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.8		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.2		40 - 140	78%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4720-01MS	Acq On:	07 Nov 2024 19:06
Client Sample ID:	JC-701-COMP-01MS	Operator:	YP/AJ
Data file:	FC067662.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.452	27643069	204.054	300	ug/ml
Aliphatic C12-C16	6.453	9.842	35970363	273.161	200	ug/ml
Aliphatic C16-C21	9.843	13.198	44280239	348.019	300	ug/ml
Aliphatic C21-C28	13.199	16.853	55024877	458.195	400	ug/ml
Aliphatic C28-C40	16.854	21.696	81289720	804.107	600	ug/ml
Aliphatic EPH	3.171	21.696	244208268	2090		ug/ml
ortho-Terphenyl (SURR)	11.494	11.494	5745982	39.16		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4295154	39.77		ug/ml
Aliphatic C9-C28	3.171	16.853	162918548	1280	1200	ug/ml