

Report of Analysis

Client:	PSEG	Date Collected:	02/07/25
Project:	Harrison LPA	Date Received:	02/07/25
Client Sample ID:	HAR-ROLLOFFS-E2	SDG No.:	Q1341
Lab Sample ID:	Q1341-02	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
02/10/25 08:27	02/10/25 19:57	PB166637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	8.00		1	1.98	2.20	mg/kg	FE052326.D
Aliphatic C9-C28	Aliphatic C9-C28	9.94		1	1.89	4.40	mg/kg	FE052326.D
Total AliphaticEPH	Total AliphaticEPH	17.9			3.87	6.60	mg/kg	
Total EPH	Total EPH	17.9			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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052326.D	1	02/10/25	02/10/25	PB166637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	9.94		1.89	4.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.00		1.98	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.6		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1341-02	Acq On:	10 Feb 2025 19:57
Client Sample ID:	HAR-ROLLOFFS-E2	Operator:	YP\AJ
Data file:	FE052326.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	1091191	11.345	300	ug/ml
Aliphatic C12-C16	7.241	10.644	1491375	14.242	200	ug/ml
Aliphatic C16-C21	10.645	13.990	4269719	37.778	300	ug/ml
Aliphatic C21-C28	13.991	17.632	8216891	72.079	400	ug/ml
Aliphatic C28-C40	17.633	22.724	9977473	108.98	600	ug/ml
Aliphatic EPH	3.682	22.724	25046649	244.423		ug/ml
ortho-Terphenyl (SURR)	12.315	12.315	3412574	27.57		ug/ml
1-chlorooctadecane (SURR)	13.727	13.727	2819172	28.57		ug/ml
Aliphatic C9-C28	3.682	17.632	15069176	135.444	1200	ug/ml