

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	DeCamp		Date Received:		
Client Sample ID:	PB168239BSD		SDG No.:	Q2179	
Lab Sample ID:	PB168239BSD		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 14:55	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	70.6		1	0.91	3.99	mg/kg	FE054151.D
Total EPH	Total EPH	70.6			0.91	3.99	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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
FE054151.D	1	06/03/25	06/03/25	PB168239

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	70.6		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.4		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168239BSD	Acq On:	03 Jun 2025 14:55
Client Sample ID:	PB168239BSD	Operator:	YP\AJ
Data file:	FE054151.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	25495271	188.069	300	ug/ml
Aliphatic C12-C16	6.731	10.178	31708144	234.977	200	ug/ml
Aliphatic C16-C21	10.179	13.552	35374674	268.171	300	ug/ml
Aliphatic C21-C28	13.553	17.220	45603088	367.243	400	ug/ml
Aliphatic C28-C40	17.221	22.091	42608654	369.127	600	ug/ml
Aliphatic EPH	3.085	22.091	180789831	1430		ug/ml
ortho-Terphenyl (SURR)	11.839	11.839	5780344	35.57		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	4665030	39.35		ug/ml
Aliphatic C9-C28	3.085	17.220	138181177	1060	1200	ug/ml