

Report of Analysis

Client:	G Environmental	Date Collected:	05/30/25
Project:	DeCamp	Date Received:	05/30/25
Client Sample ID:	D2	SDG No.:	Q2174
Lab Sample ID:	Q2174-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.6
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 19:57	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	46.9		1	1.03	4.51	mg/kg	FE054161.D
Total EPH	Total EPH	46.9			1.03	4.51	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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Analytical Method:	NJEPH	% Solid:	88.6
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054161.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	46.9		1.03	4.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	51.8	E	1.33	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	21.4		40 - 140	43%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.8		40 - 140	42%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2174-03	Acq On:	03 Jun 2025 19:57
Client Sample ID:	D2	Operator:	YP\AJ
Data file:	FE054161.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.085	6.730	10111560	74.589	300	ug/ml
Aliphatic C12-C16	6.731	10.178	34335093	254.444	200	ug/ml
Aliphatic C16-C21	10.179	13.552	28549715	216.432	300	ug/ml
Aliphatic C21-C28	13.553	17.220	9767404	78.657	400	ug/ml
Aliphatic C28-C40	17.221	22.091	79592468	689.525	600	ug/ml
Aliphatic EPH	3.085	22.091	162356240	1310		ug/ml
ortho-Terphenyl (SURR)	11.837	11.837	3374433	20.76		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	2534826	21.38		ug/ml
Aliphatic C9-C28	3.085	17.220	82763772	624.122	1200	ug/ml