

Report of Analysis

Client:	G Environmental	Date Collected:	06/02/25
Project:	DeCamp	Date Received:	06/02/25
Client Sample ID:	D4	SDG No.:	Q2179
Lab Sample ID:	Q2179-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
06/03/25 10:00	06/03/25 20:57	PB168239

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.48		1	0.99	4.36	mg/kg	FE054163.D
Total EPH	Total EPH	6.48			0.99	4.36	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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Project:	DeCamp	Date Received:	06/02/25
Client Sample ID:	D4	SDG No.:	Q2179
Lab Sample ID:	Q2179-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054163.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	6.48		0.99	4.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.2	E	1.29	2.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.0		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.9		40 - 140	56%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2179-02	Acq On:	03 Jun 2025 20:57
Client Sample ID:	D4	Operator:	YP\AJ
Data file:	FE054163.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	3.085	6.730	488884	3.606	300	ug/ml
Aliphatic C12-C16	6.731	10.178	1245227	9.228	200	ug/ml
Aliphatic C16-C21	10.179	13.552	3691389	27.984	300	ug/ml
Aliphatic C21-C28	13.553	17.220	6013115	48.424	400	ug/ml
Aliphatic C28-C40	17.221	22.091	70244617	608.543	600	ug/ml
Aliphatic EPH	3.085	22.091	81683232	697.785		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	4535667	27.91		ug/ml
1-chlorooctadecane (SURR)	13.283	13.283	3675264	31		ug/ml
Aliphatic C9-C28	3.085	17.220	11438615	89.242	1200	ug/ml