

Report of Analysis

Client:	G Environmental	Date Collected:	09/30/25
Project:	Newport	Date Received:	10/02/25
Client Sample ID:	WC1	SDG No.:	Q3277
Lab Sample ID:	Q3277-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	97.6
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
10/03/25 09:40	10/04/25 2:26	PB169970

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	15.2		1	1.21	2.04	mg/kg	FE056186.D
Aliphatic C9-C28	Aliphatic C9-C28	8.42		1	0.93	4.08	mg/kg	FE056186.D
Total AliphaticEPH	Total AliphaticEPH	23.6			2.14	6.12	mg/kg	
Total EPH	Total EPH	23.6			2.14	6.12	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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Analytical Method:	NJEPH	% Solid:	97.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056186.D	1	10/03/25	10/04/25	PB169970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.42		0.93	4.08	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15.2		1.21	2.04	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.5		40 - 140	65%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3277-01	Acq On:	04 Oct 2025 02:26
Client Sample ID:	WC1	Operator:	YP\AJ
Data file:	FE056186.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.944	1301000	9.291	300	ug/ml
Aliphatic C12-C16	6.945	10.393	2249375	14.666	200	ug/ml
Aliphatic C16-C21	10.394	13.770	7104857	42.831	300	ug/ml
Aliphatic C21-C28	13.771	17.439	8430139	56.758	400	ug/ml
Aliphatic C28-C40	17.440	22.443	30371668	222.908	600	ug/ml
Aliphatic EPH	3.311	22.443	49457039	346.454		ug/ml
ortho-Terphenyl (SURR)	12.069	12.069	6100299	32.51		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4971848	35.62		ug/ml
Aliphatic C9-C28	3.311	17.439	19085371	123.546	1200	ug/ml