

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	279887MS	SDG No.:	Q3277
Lab Sample ID:	Q3262-08MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/03/25 08:00	10/03/25 17:17	PB169970

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	80.3	E	1	1.35	2.29	mg/kg	FE056170.D
Aliphatic C9-C28	Aliphatic C9-C28	7170	E	1	1.04	4.56	mg/kg	FE056170.D
Total AliphaticEPH	Total AliphaticEPH	7250			2.39	6.85	mg/kg	
Total EPH	Total EPH	7250			2.39	6.85	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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Newport	Date Received:	
Client Sample ID:	279887MS	SDG No.:	Q3277
Lab Sample ID:	Q3262-08MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
Sample Wt/Vol:	30.04 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
FE056170.D	1	10/03/25	10/03/25	PB169970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7170	E	1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	80.3	E	1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.5		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.9		40 - 140	46%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3262-08MS	Acq On:	03 Oct 2025 17:17
Client Sample ID:	279887MS	Operator:	YP\AJ
Data file:	FE056170.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.310	6.942	35615790	254.348	300	ug/ml
Aliphatic C12-C16	6.943	10.392	1029256474	6710	200	ug/ml
Aliphatic C16-C21	10.393	13.769	10192408892	61400	300	ug/ml
Aliphatic C21-C28	13.770	17.439	3827011712	25800	400	ug/ml
Aliphatic C28-C40	17.440	22.439	143606442	1050	600	ug/ml
Aliphatic EPH	3.310	22.439	15227899310	95200		ug/ml
ortho-Terphenyl (SURR)	12.066	12.066	4289162	22.86		ug/ml
1-chlorooctadecane (SURR)	13.491	13.491	3137165	22.48		ug/ml
Aliphatic C9-C28	3.310	17.439	15084292868	94200	1200	ug/ml