

Report of Analysis

Client:	G Environmental	Date Collected:	03/27/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	D5	SDG No.:	Q1675
Lab Sample ID:	Q1675-17	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 08:56	03/31/25 22:38	PB167381

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	3.25		1	1.24	2.11	mg/kg FC068459.D
Aliphatic C9-C28	Aliphatic C9-C28	207		5	4.79	21.1	mg/kg FC068466.D
Total AliphaticEPH	Total AliphaticEPH	210			6.03	23.2	mg/kg
Total EPH	Total EPH	210			6.03	23.2	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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Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068459.D	1	03/31/25	03/31/25	PB167381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	222	E	0.96	4.21	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.25		1.24	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.7		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.5		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-17	Acq On:	31 Mar 2025 22:38
Client Sample ID:	D5	Operator:	YP/AJ
Data file:	FC068459.D	Misc:	
Instrument:	FID_C	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.098	6.359	59456922	366.296	300	ug/ml
Aliphatic C12-C16	6.360	9.743	221971621	1320	200	ug/ml
Aliphatic C16-C21	9.744	13.097	217705944	1270	300	ug/ml
Aliphatic C21-C28	13.098	16.748	33848676	200.442	400	ug/ml
Aliphatic C28-C40	16.749	21.546	6294231	46.223	600	ug/ml
Aliphatic EPH	3.098	21.546	539277394	3200		ug/ml
ortho-Terphenyl (SURR)	11.390	11.390	5852009	29.46		ug/ml
1-chlorooctadecane (SURR)	12.830	12.830	3825417	25.66		ug/ml
Aliphatic C9-C28	3.098	16.748	532983163	3160	1200	ug/ml