

Report of Analysis

Client:	G Environmental	Date Collected:	03/27/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	D3	SDG No.:	Q1675
Lab Sample ID:	Q1675-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 08:56	03/31/25 21:23	PB167381

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.71		1	1.24	2.09	mg/kg	FC068457.D
Aliphatic C9-C28	Aliphatic C9-C28	37.0		1	0.95	4.20	mg/kg	FC068457.D
Total AliphaticEPH	Total AliphaticEPH	40.8			2.19	6.29	mg/kg	
Total EPH	Total EPH	40.8			2.19	6.29	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
FC068457.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	37.0		0.95	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.71		1.24	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	24.4		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.3		40 - 140	51%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-15	Acq On:	31 Mar 2025 21:23
Client Sample ID:	D3	Operator:	YP/AJ
Data file:	FC068457.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.098	6.359	5067853	31.222	300	ug/ml
Aliphatic C12-C16	6.360	9.743	34321501	204.059	200	ug/ml
Aliphatic C16-C21	9.744	13.097	43507987	253.675	300	ug/ml
Aliphatic C21-C28	13.098	16.748	7158371	42.39	400	ug/ml
Aliphatic C28-C40	16.749	21.546	7236870	53.145	600	ug/ml
Aliphatic EPH	3.098	21.546	97292582	584.491		ug/ml
ortho-Terphenyl (SURR)	11.387	11.387	5021222	25.28		ug/ml
1-chlorooctadecane (SURR)	12.828	12.828	3644058	24.44		ug/ml
Aliphatic C9-C28	3.098	16.748	90055712	531.346	1200	ug/ml