

Report of Analysis

Client:	G Environmental	Date Collected:	03/27/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	D1	SDG No.:	Q1675
Lab Sample ID:	Q1675-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.6
Sample Wt/Vol:	30.04	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 20:08	PB167381

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	3.84		1	1.44	2.45	mg/kg FC068455.D
Aliphatic C9-C28	Aliphatic C9-C28	43.7		1	1.11	4.89	mg/kg FC068455.D
Total AliphaticEPH	Total AliphaticEPH	47.6			2.55	7.34	mg/kg
Total EPH	Total EPH	47.6			2.55	7.34	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:	81.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068455.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	43.7		1.11	4.89	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.84		1.44	2.45	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.5		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.7		40 - 140	51%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-13	Acq On:	31 Mar 2025 20:08
Client Sample ID:	D1	Operator:	YP/AJ
Data file:	FC068455.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.098	6.359	9512836	58.606	300	ug/ml
Aliphatic C12-C16	6.360	9.743	37827096	224.901	200	ug/ml
Aliphatic C16-C21	9.744	13.097	37767946	220.208	300	ug/ml
Aliphatic C21-C28	13.098	16.748	5485240	32.482	400	ug/ml
Aliphatic C28-C40	16.749	21.546	6412384	47.09	600	ug/ml
Aliphatic EPH	3.098	21.546	97005502	583.287		ug/ml
ortho-Terphenyl (SURR)	11.386	11.386	5108416	25.72		ug/ml
1-chlorooctadecane (SURR)	12.828	12.828	3955469	26.53		ug/ml
Aliphatic C9-C28	3.098	16.748	90593118	536.197	1200	ug/ml