

Report of Analysis

Client:	G Environmental	Date Collected:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST2	SDG No.:	Q1736
Lab Sample ID:	Q1736-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.5
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/07/25 09:40	04/07/25 16:52	PB167477

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.51	J	1	1.13	4.97	mg/kg	FC068501.D
Total EPH	Total EPH	4.51	J		1.13	4.97	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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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FC068501.D	1	04/07/25	04/07/25	PB167477

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.51	J	1.13	4.97	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.2		1.47	2.48	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.3		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.2		40 - 140	86%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1736-02	Acq On:	07 Apr 2025 16:52
Client Sample ID:	GST2	Operator:	YP/AJ
Data file:	FC068501.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.349	6.652	476224	4.19	300	ug/ml
Aliphatic C12-C16	6.653	10.053	1030185	9.119	200	ug/ml
Aliphatic C16-C21	10.054	13.420	1923758	17.452	300	ug/ml
Aliphatic C21-C28	13.421	17.087	2628535	23.821	400	ug/ml
Aliphatic C28-C40	17.088	22.097	13959959	171.449	600	ug/ml
Aliphatic EPH	3.349	22.097	20018661	226.031		ug/ml
ortho-Terphenyl (SURR)	11.726	11.726	5571738	43.21		ug/ml
1-chlorooctadecane (SURR)	13.158	13.158	4166783	45.3		ug/ml
Aliphatic C9-C28	3.349	17.087	6058702	54.582	1200	ug/ml