

Report of Analysis

Client:	G Environmental	Date Collected:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST1	SDG No.:	Q1736
Lab Sample ID:	Q1736-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
04/07/25 09:40	04/08/25 9:30	PB167477

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	119		2	2.32	10.2	mg/kg	FC068510.D
Total EPH	Total EPH	119			2.32	10.2	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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Lab Sample ID:	Q1736-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068504.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	110	E	1.16	5.08	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	579	E	1.50	2.54	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.3		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.7		40 - 140	49%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1736-01	Acq On:	07 Apr 2025 18:45
Client Sample ID:	GST1	Operator:	YP/AJ
Data file:	FC068504.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.349	6.652	2561760	22.54	300	ug/ml
Aliphatic C12-C16	6.653	10.053	4257325	37.687	200	ug/ml
Aliphatic C16-C21	10.054	13.420	11507056	104.388	300	ug/ml
Aliphatic C21-C28	13.421	17.087	124436506	1130	400	ug/ml
Aliphatic C28-C40	17.088	22.097	556531624	6840	600	ug/ml
Aliphatic EPH	3.349	22.097	699294271	8130		ug/ml
ortho-Terphenyl (SURR)	11.725	11.725	3188741	24.73		ug/ml
1-chlorooctadecane (SURR)	13.159	13.159	2696785	29.32		ug/ml
Aliphatic C9-C28	3.349	17.087	142762647	1290	1200	ug/ml