

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB167477BSD	SDG No.:	Q1736
Lab Sample ID:	PB167477BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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 16:15	PB167477

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	82.1	E	1	0.91	3.99	mg/kg	FC068500.D
Total EPH	Total EPH	82.1			0.91	3.99	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068500.D	1	04/07/25	04/07/25	PB167477

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	82.1	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.5		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.0		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.9		40 - 140	78%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167477BSD	Acq On:	07 Apr 2025 16:15
Client Sample ID:	PB167477BSD	Operator:	YP/AJ
Data file:	FC068500.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.349	6.652	24828638	218.454	300	ug/ml
Aliphatic C12-C16	6.653	10.053	31458596	278.477	200	ug/ml
Aliphatic C16-C21	10.054	13.420	36281862	329.135	300	ug/ml
Aliphatic C21-C28	13.421	17.087	44757186	405.607	400	ug/ml
Aliphatic C28-C40	17.088	22.097	31223292	383.469	600	ug/ml
Aliphatic EPH	3.349	22.097	168549574	1620		ug/ml
ortho-Terphenyl (SURR)	11.726	11.726	5016735	38.9		ug/ml
1-chlorooctadecane (SURR)	13.157	13.157	3861482	41.98		ug/ml
Aliphatic C9-C28	3.349	17.087	137326282	1230	1200	ug/ml