

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB167381BS	SDG No.:	Q1675
Lab Sample ID:	PB167381BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 08:56	03/31/25 14:31	PB167381

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	22.6		1	1.18	2.00	mg/kg	FC068446.D
Aliphatic C9-C28	Aliphatic C9-C28	68.2		1	0.91	3.99	mg/kg	FC068446.D
Total AliphaticEPH	Total AliphaticEPH	90.8			2.09	5.99	mg/kg	
Total EPH	Total EPH	90.8			2.09	5.99	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 :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068446.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	68.2		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.6		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.9		40 - 140	74%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167381BS	Acq On:	31 Mar 2025 14:31
Client Sample ID:	PB167381BS	Operator:	YP/AJ
Data file:	FC068446.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.098	6.359	29606309	182.396	300	ug/ml
Aliphatic C12-C16	6.360	9.743	41030530	243.947	200	ug/ml
Aliphatic C16-C21	9.744	13.097	47462012	276.729	300	ug/ml
Aliphatic C21-C28	13.098	16.748	54540738	322.975	400	ug/ml
Aliphatic C28-C40	16.749	21.546	46162046	338.999	600	ug/ml
Aliphatic EPH	3.098	21.546	218801635	1370		ug/ml
ortho-Terphenyl (SURR)	11.388	11.388	7332248	36.91		ug/ml
1-chlorooctadecane (SURR)	12.828	12.828	5457920	36.61		ug/ml
Aliphatic C9-C28	3.098	16.748	172639589	1030	1200	ug/ml