

## Report of Analysis

Client:	G Environmental	Date Collected:	03/27/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	P1	SDG No.:	Q1675
Lab Sample ID:	Q1675-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
Sample Wt/Vol:	30.03      Units: g	Final Vol:	2000      uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 16:32	PB167382

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
<b>TARGETS</b>								
Aliphatic C9-C28	Aliphatic C9-C28	20.8		1	0.95	4.17	mg/kg	FE053074.D
Total EPH	Total EPH	20.8			0.95	4.17	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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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053074.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
Aliphatic C9-C28	Aliphatic C9-C28	20.8		0.95	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.00	J	1.23	2.09	mg/kg
<b>SURROGATES</b>						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.4		40 - 140	81%	SPK: 50

## Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-01	Acq On:	31 Mar 2025 16:32
Client Sample ID:	P1	Operator:	YP\AJ
Data file:	FE053074.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	3426396	21.96	300	ug/ml
Aliphatic C12-C16	6.785	10.235	19238530	125.225	200	ug/ml
Aliphatic C16-C21	10.236	13.612	17244170	119.471	300	ug/ml
Aliphatic C21-C28	13.613	17.286	4389365	32.672	400	ug/ml
Aliphatic C28-C40	17.287	22.206	3574756	28.769	600	ug/ml
Aliphatic EPH	3.141	22.206	47873217	328.097		ug/ml
ortho-Terphenyl (SURR)	11.900	11.900	6575088	40.37		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4834527	40.27		ug/ml
Aliphatic C9-C28	3.141	17.286	44298461	299.328	1200	ug/ml