

Report of Analysis

Client:	G Environmental	Date Collected:	03/28/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	K1P	SDG No.:	Q1675
Lab Sample ID:	Q1675-18	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	04/01/25 8:45	PB167382

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	100		2	2.14	9.41	mg/kg	FE053091.D
Total EPH	Total EPH	100			2.14	9.41	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
FE053081.D	1	03/31/25	03/31/25	PB167382

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	96.6	E	1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	35.4		1.39	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.1		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.4		40 - 140	77%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-18	Acq On:	31 Mar 2025 20:04
Client Sample ID:	K1P	Operator:	YP\AJ
Data file:	FE053081.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	1001491	6.418	300	ug/ml
Aliphatic C12-C16	6.785	10.235	20097995	130.82	200	ug/ml
Aliphatic C16-C21	10.236	13.612	112301474	778.049	300	ug/ml
Aliphatic C21-C28	13.613	17.286	42467684	316.103	400	ug/ml
Aliphatic C28-C40	17.287	22.206	56157369	451.947	600	ug/ml
Aliphatic EPH	3.141	22.206	232026013	1680		ug/ml
ortho-Terphenyl (SURR)	11.901	11.901	6246381	38.35		ug/ml
1-chlorooctadecane (SURR)	13.345	13.345	4572689	38.09		ug/ml
Aliphatic C9-C28	3.141	17.286	175868644	1230	1200	ug/ml