

Report of Analysis

Client:	G Environmental	Date Collected:	03/27/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	P5	SDG No.:	Q1675
Lab Sample ID:	Q1675-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
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
03/31/25 09:40	04/01/25 8:15	PB167382

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	595		20	19.8	86.8	mg/kg	FE053090.D
Total EPH	Total EPH	595			19.8	86.8	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

Report of Analysis

Client:	G Environmental	Date Collected:	03/27/25
Project:	Stockton	Date Received:	03/28/25
Client Sample ID:	P5	SDG No.:	Q1675
Lab Sample ID:	Q1675-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.1
Sample Wt/Vol:	30.02 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
FE053079.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	532	E	0.99	4.35	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.85		1.28	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.8		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.1		40 - 140	92%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-05	Acq On:	31 Mar 2025 19:03
Client Sample ID:	P5	Operator:	YP\AJ
Data file:	FE053079.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	1242421	7.963	300	ug/ml
Aliphatic C12-C16	6.785	10.235	123262461	802.326	200	ug/ml
Aliphatic C16-C21	10.236	13.612	666546595	4620	300	ug/ml
Aliphatic C21-C28	13.613	17.286	258350689	1920	400	ug/ml
Aliphatic C28-C40	17.287	22.206	11772459	94.743	600	ug/ml
Aliphatic EPH	3.141	22.206	1061174625	7450		ug/ml
ortho-Terphenyl (SURR)	11.908	11.908	7508457	46.1		ug/ml
1-chlorooctadecane (SURR)	13.354	13.354	4659846	38.82		ug/ml
Aliphatic C9-C28	3.141	17.286	1049402166	7350	1200	ug/ml