

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	P2MSD	SDG No.:	Q1675
Lab Sample ID:	Q1675-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
03/31/25 09:40	03/31/25 18:03	PB167382

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	83.4	E	1	0.94	4.13	mg/kg	FE053077.D
Total EPH	Total EPH	83.4			0.94	4.13	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:	
Project:	Stockton	Date Received:	
Client Sample ID:	P2MSD	SDG No.:	Q1675
Lab Sample ID:	Q1675-02MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.5
Sample Wt/Vol:	30.04 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
FE053077.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	83.4	E	0.94	4.13	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.9		1.22	2.07	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.3		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.5		40 - 140	67%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1675-02MSD	Acq On:	31 Mar 2025 18:03
Client Sample ID:	P2MSD	Operator:	YP\AJ
Data file:	FE053077.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.141	6.784	33557381	215.067	300	ug/ml
Aliphatic C12-C16	6.785	10.235	38548845	250.918	200	ug/ml
Aliphatic C16-C21	10.236	13.612	47750730	330.828	300	ug/ml
Aliphatic C21-C28	13.613	17.286	55508159	413.169	400	ug/ml
Aliphatic C28-C40	17.287	22.206	59201020	476.442	600	ug/ml
Aliphatic EPH	3.141	22.206	234566135	1690		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	5448289	33.45		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	4113814	34.27		ug/ml
Aliphatic C9-C28	3.141	17.286	175365115	1210	1200	ug/ml