

Report of Analysis

Client:	G Environmental	Date Collected:	04/21/25
Project:	Stockton	Date Received:	04/21/25
Client Sample ID:	DP7	SDG No.:	Q1851
Lab Sample ID:	Q1851-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	98.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
04/22/25 09:40	04/23/25 1:48	PB167690

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	6.34		1	1.20	2.03	mg/kg FE053486.D
Aliphatic C9-C28	Aliphatic C9-C28	78.6		1	0.92	4.05	mg/kg FE053486.D
Total AliphaticEPH	Total AliphaticEPH	85.0			2.12	6.08	mg/kg
Total EPH	Total EPH	85.0			2.12	6.08	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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Analytical Method:	NJEPH	% Solid:	98.5
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Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053486.D	1	04/22/25	04/23/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	78.6		0.92	4.05	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.34		1.20	2.03	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.0		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.3		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1851-03	Acq On:	23 Apr 2025 01:48
Client Sample ID:	DP7	Operator:	YP\AJ
Data file:	FE053486.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.123	6.764	239933	1.732	300	ug/ml
Aliphatic C12-C16	6.765	10.214	18491005	130.396	200	ug/ml
Aliphatic C16-C21	10.215	13.590	117106571	805.61	300	ug/ml
Aliphatic C21-C28	13.591	17.259	32220221	226.624	400	ug/ml
Aliphatic C28-C40	17.260	22.156	12092476	93.704	600	ug/ml
Aliphatic EPH	3.123	22.156	180150206	1260		ug/ml
ortho-Terphenyl (SURR)	11.876	11.876	6719849	37.26		ug/ml
1-chlorooctadecane (SURR)	13.321	13.321	5006127	37.03		ug/ml
Aliphatic C9-C28	3.123	17.259	168057730	1160	1200	ug/ml