

Report of Analysis

Client:	G Environmental	Date Collected:	09/23/25
Project:	TGP	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3192
Lab Sample ID:	Q3178-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	71.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049769.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.06		0.17	0.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	15.5		0.32	1.40	mg/kg
Aromatic C16-C21	Aromatic C16-C21	34.4		0.56	2.33	mg/kg
Aromatic C21-C36	Aromatic C21-C36	53.0		1.67	3.73	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.0		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	33.4		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3178-03MSD	Acq On:	26 Sep 2025 12:07
Client Sample ID:	EME-TS14-01MSD	Operator:	YP/AJ
Data file:	FD049769.D	Misc:	
Instrument:	FID_D	ALS Vial:	59
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.132	11266947	97.082	200	ug/ml
Aromatic C12-C16	6.133	8.761	22549529	165.969	300	ug/ml
Aromatic C16-C21	8.762	13.054	50079639	368.855	500	ug/ml
Aromatic C21-C36	13.055	18.477	67124997	567.308	800	ug/ml
Aromatic EPH	4.389	18.477	151021112	1200		ug/ml
2-Fluorobiphenyl (SURR)	8.564	8.564	2680542	33.39		ug/ml
ortho-Terphenyl (SURR)	11.611	11.611	4715597	33.33		ug/ml
2-Bromonaphthalene (SURR)	7.699	7.699	4722924	42		ug/ml