

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	10/01/24
Project:	Perth Amboy	Date Received:	10/01/24
Client Sample ID:	Chamberlain Ave	SDG No.:	P4258
Lab Sample ID:	P4258-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/11/24 08:00	10/12/24 0:35	PB164054

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	1	0.44	1.16	mg/kg	FC067415.D
Aliphatic C12-C16	Aliphatic C12-C16	0.28	U	1	0.28	0.77	mg/kg	FC067415.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	1	0.35	1.16	mg/kg	FC067415.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.55	mg/kg	FC067415.D
Aliphatic C28-C40	Aliphatic C28-C40	2.09	U	1	2.09	2.32	mg/kg	FC067415.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.77	mg/kg	FD048467.D
Aromatic C12-C16	Aromatic C12-C16	0.40	U	1	0.40	1.16	mg/kg	FD048467.D
Aromatic C16-C21	Aromatic C16-C21	1.11	U	1	1.11	1.94	mg/kg	FD048467.D
Aromatic C21-C36	Aromatic C21-C36	2.32	U	1	2.32	3.10	mg/kg	FD048467.D
Total AliphaticEPH	Total AliphaticEPH	4.09	U		4.09	6.96	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.17	U		4.17	6.97	mg/kg	
Total EPH	Total EPH	8.26	U		8.26	13.9	mg/kg	

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
FC067415.D	1	10/11/24	10/12/24	PB164054

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.44	U	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.28	U	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.09	U	2.09	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4258-03	Acq On:	12 Oct 2024 00:35
Client Sample ID:	Chamberlain Ave	Operator:	YP/AJ
Data file:	FC067415.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.457	56543	0.441	300	ug/ml
Aliphatic C12-C16	6.458	9.848	192435	1.469	200	ug/ml
Aliphatic C16-C21	9.849	13.207	0	0	300	ug/ml
Aliphatic C21-C28	13.208	16.862	155045	1.223	400	ug/ml
Aliphatic C28-C40	16.863	21.712	702470	6.676	600	ug/ml
Aliphatic EPH	3.175	21.712	1106493	9.809		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.942	12.942	4479449	39.57		ug/ml
Aliphatic C9-C28	3.175	16.862	404023	3.133	1200	ug/ml