

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	Chamberlain AveMSD	SDG No.:	P4258
Lab Sample ID:	P4258-03MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/11/24 08:20	10/12/24 2:27	PB164054

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	54.2			4.08	6.96	mg/kg
Total AromaticEPH	Total AromaticEPH	70.0			4.17	6.95	mg/kg
Total EPH	Total EPH	124			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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CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	6.83		1	0.44	1.16	mg/kg FC067418.D
Aliphatic C12-C16	Aliphatic C12-C16	5.58		1	0.28	0.77	mg/kg FC067418.D
Aliphatic C16-C21	Aliphatic C16-C21	8.90		1	0.35	1.16	mg/kg FC067418.D
Aliphatic C21-C28	Aliphatic C21-C28	11.9		1	0.93	1.55	mg/kg FC067418.D
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	2.09	2.32	mg/kg FC067418.D
Aromatic C10-C12	Aromatic C10-C12	6.05		1	0.35	0.77	mg/kg FD048470.D
Aromatic C12-C16	Aromatic C12-C16	10.4		1	0.39	1.16	mg/kg FD048470.D
Aromatic C16-C21	Aromatic C16-C21	20.5		1	1.11	1.93	mg/kg FD048470.D
Aromatic C21-C36	Aromatic C21-C36	33.0		1	2.32	3.09	mg/kg FD048470.D
Total AliphaticEPH	Total AliphaticEPH	54.2			4.08	6.96	mg/kg
Total AromaticEPH	Total AromaticEPH	70.0			4.17	6.95	mg/kg
Total EPH	Total EPH	124			8.26	13.9	mg/kg

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Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067418.D	1	10/11/24	10/12/24	PB164054

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	6.83		0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.58		0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.90		0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.9		0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.0		2.09	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.0		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4258-03MSD	Acq On:	12 Oct 2024 02:27
Client Sample ID:	P4258-03MSD	Operator:	YP/AJ
Data file:	FC067418.D	Misc:	
Instrument:	FID_C	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.457	11335119	88.311	300	ug/ml
Aliphatic C12-C16	6.458	9.848	9463249	72.262	200	ug/ml
Aliphatic C16-C21	9.849	13.207	15147847	115.214	300	ug/ml
Aliphatic C21-C28	13.208	16.862	19600942	154.553	400	ug/ml
Aliphatic C28-C40	16.863	21.712	28641624	272.218	600	ug/ml
Aliphatic EPH	3.175	21.712	84188781	702.557		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.941	12.941	2940829	25.98		ug/ml
Aliphatic C9-C28	3.175	16.862	55547157	430.34	1200	ug/ml