

Report of Analysis

Client:	Roman E&G Corp	Date Collected:	
Project:	Perth Amboy	Date Received:	
Client Sample ID:	PB164054BS	SDG No.:	P4258
Lab Sample ID:	PB164054BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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	10/11/24 21:31	PB164054

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	44.9			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	48.7			3.60	6.01	mg/kg
Total EPH	Total EPH	93.6			7.12	12.0	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	5.95		1	0.38	1.00	mg/kg FC067410.D
Aliphatic C12-C16	Aliphatic C12-C16	5.05		1	0.24	0.67	mg/kg FC067410.D
Aliphatic C16-C21	Aliphatic C16-C21	7.93		1	0.30	1.00	mg/kg FC067410.D
Aliphatic C21-C28	Aliphatic C21-C28	10.6		1	0.80	1.33	mg/kg FC067410.D
Aliphatic C28-C40	Aliphatic C28-C40	15.4		1	1.80	2.00	mg/kg FC067410.D
Aromatic C10-C12	Aromatic C10-C12	4.69		1	0.30	0.67	mg/kg FD048462.D
Aromatic C12-C16	Aromatic C12-C16	7.59		1	0.34	1.00	mg/kg FD048462.D
Aromatic C16-C21	Aromatic C16-C21	14.5		1	0.96	1.67	mg/kg FD048462.D
Aromatic C21-C36	Aromatic C21-C36	21.9		1	2.00	2.67	mg/kg FD048462.D
Total AliphaticEPH	Total AliphaticEPH	44.9			3.52	6.00	mg/kg
Total AromaticEPH	Total AromaticEPH	48.7			3.60	6.01	mg/kg
Total EPH	Total EPH	93.6			7.12	12.0	mg/kg

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Analytical Method:	NJEPH	% Solid:	100
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
FC067410.D	1	10/11/24	10/11/24	PB164054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.95		0.38	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.05		0.24	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.93		0.30	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.6		0.80	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15.4		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.0		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164054BS	Acq On:	11 Oct 2024 21:31
Client Sample ID:	PB164054BS	Operator:	YP/AJ
Data file:	FC067410.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.457	11465632	89.328	300	ug/ml
Aliphatic C12-C16	6.458	9.848	9918535	75.738	200	ug/ml
Aliphatic C16-C21	9.849	13.207	15643745	118.985	300	ug/ml
Aliphatic C21-C28	13.208	16.862	20179814	159.117	400	ug/ml
Aliphatic C28-C40	16.863	21.712	24315542	231.102	600	ug/ml
Aliphatic EPH	3.175	21.712	81523268	674.27		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.943	12.943	4641045	41		ug/ml
Aliphatic C9-C28	3.175	16.862	57207726	443.168	1200	ug/ml