

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/07/23 08:55	11/08/23 7:14	PB156949

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.09	J	1	0.26	1.10	mg/kg	FC065055.D
Aliphatic C12-C16	Aliphatic C12-C16	1.36		1	0.15	0.74	mg/kg	FC065055.D
Aliphatic C16-C21	Aliphatic C16-C21	15.3		1	0.23	1.10	mg/kg	FC065055.D
Aliphatic C21-C28	Aliphatic C21-C28	27.2		2	1.01	2.94	mg/kg	FC065062.D
Aliphatic C28-C40	Aliphatic C28-C40	21.9		1	1.12	2.20	mg/kg	FC065055.D
Aromatic C10-C12	Aromatic C10-C12	0.76		1	0.17	0.74	mg/kg	FD046856.D
Aromatic C12-C16	Aromatic C12-C16	4.92		1	0.17	1.10	mg/kg	FD046856.D
Aromatic C16-C21	Aromatic C16-C21	10.1		1	0.33	1.84	mg/kg	FD046856.D
Aromatic C21-C36	Aromatic C21-C36	44.4		1	0.43	2.94	mg/kg	FD046856.D
Total AliphaticEPH	Total AliphaticEPH	66.8			2.78	8.07	mg/kg	
Total AromaticEPH	Total AromaticEPH	60.2			1.09	6.62	mg/kg	
Total EPH	Total EPH	127			3.87	14.7	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



284 Sheffield Street, Mountainside NJ 07092 Phone: 908 789 8900 Fax : 908 789 8922

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC065055.D	1	11/07/23	11/08/23	PB156949

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Aliphatic C16-C21	Aliphatic C16-C21	15.3		0.23	1.10	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	35.6	E	0.51	1.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.9		1.12	2.20	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.5		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	O5252-01	Acq On:	08 Nov 2023 07:14
Client Sample ID:	WASTE	Operator:	YP/AJ
Data file:	FC065055.D	Misc:	
Instrument:	FID_C	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.211	6.483	2830580	14.836	300	ug/ml
Aliphatic C12-C16	6.484	9.865	3483584	18.446	200	ug/ml
Aliphatic C16-C21	9.866	13.214	37843544	208.666	300	ug/ml
Aliphatic C21-C28	13.215	16.858	79415581	484.731	400	ug/ml
Aliphatic C28-C40	16.859	21.689	45572394	298.606	600	ug/ml
Aliphatic EPH	3.211	21.689	169145683	1030		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.946	12.946	6560449	41.5		ug/ml
Aliphatic C9-C28	3.211	16.858	123573289	726.679	1200	ug/ml