

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:		
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062		Date Received:		
Client Sample ID:	B-21-SB02MS		SDG No.:	O2505	
Lab Sample ID:	O2567-02MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/03/23 08:40	05/03/23 21:26	PB152543

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	6.89		1	0.27	1.13	mg/kg	FC063538.D
Aliphatic C12-C16	Aliphatic C12-C16	6.05		1	0.16	0.75	mg/kg	FC063538.D
Aliphatic C16-C21	Aliphatic C16-C21	10.5		1	0.24	1.13	mg/kg	FC063538.D
Aliphatic C21-C28	Aliphatic C21-C28	13.9		1	0.52	1.51	mg/kg	FC063538.D
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1	1.15	2.26	mg/kg	FC063538.D
Aromatic C10-C12	Aromatic C10-C12	5.48		1	0.17	0.75	mg/kg	FD045573.D
Aromatic C12-C16	Aromatic C12-C16	9.72		1	0.17	1.13	mg/kg	FD045573.D
Aromatic C16-C21	Aromatic C16-C21	19.1		1	0.34	1.88	mg/kg	FD045573.D
Aromatic C21-C36	Aromatic C21-C36	28.7		1	0.44	3.01	mg/kg	FD045573.D
Total AliphaticEPH	Total AliphaticEPH	55.0			2.34	6.78	mg/kg	
Total AromaticEPH	Total AromaticEPH	63.0			1.12	6.77	mg/kg	
Total EPH	Total EPH	118			3.45	13.6	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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Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC063538.D	1	05/03/23	05/03/23	PB152543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	Aliphatic C9-C12	6.89	0.27	1.13	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	6.05	0.16	0.75	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	10.5	0.24	1.13	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	13.9	0.52	1.51	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	17.7	1.15	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		40 - 140	87%	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:	O2567-02MS	Acq On:	03 May 2023 21:26
Client Sample ID:	O2567-02MS	Operator:	YP/AJ
Data file:	FC063538.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.197	6.484	12103438	91.472	300	ug/ml
Aliphatic C12-C16	6.485	9.878	10494311	80.368	200	ug/ml
Aliphatic C16-C21	9.879	13.237	18397065	138.963	300	ug/ml
Aliphatic C21-C28	13.238	16.890	23822428	184.685	400	ug/ml
Aliphatic C28-C40	16.891	21.743	28662179	234.63	600	ug/ml
Aliphatic EPH	3.197	21.743	93479421	730.119		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.965	12.965	4688401	43.41		ug/ml
Aliphatic C9-C28	3.197	16.890	64817242	495.488	1200	ug/ml