

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062		Date Received:	
Client Sample ID:	PB152543BL		SDG No.:	O2505
Lab Sample ID:	PB152543BL		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.03	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	05/04/23 9:53	PB152543

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.24	U	1	0.24	1.00	mg/kg	FC063546.D
Aliphatic C12-C16	Aliphatic C12-C16	0.14	U	1	0.14	0.67	mg/kg	FC063546.D
Aliphatic C16-C21	Aliphatic C16-C21	0.21	U	1	0.21	1.00	mg/kg	FC063546.D
Aliphatic C21-C28	Aliphatic C21-C28	0.46	U	1	0.46	1.33	mg/kg	FC063546.D
Aliphatic C28-C40	Aliphatic C28-C40	1.02	U	1	1.02	2.00	mg/kg	FC063546.D
Aromatic C10-C12	Aromatic C10-C12	0.15	U	1	0.15	0.67	mg/kg	FD045581.D
Aromatic C12-C16	Aromatic C12-C16	0.15	U	1	0.15	1.00	mg/kg	FD045581.D
Aromatic C16-C21	Aromatic C16-C21	0.30	U	1	0.30	1.67	mg/kg	FD045581.D
Aromatic C21-C36	Aromatic C21-C36	0.39	U	1	0.39	2.66	mg/kg	FD045581.D
Total AliphaticEPH	Total AliphaticEPH	2.07	U		2.07	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	0.99	U		0.99	6.00	mg/kg	
Total EPH	Total EPH	3.06	U		3.06	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



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

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Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC063546.D	1	05/03/23	05/04/23	PB152543

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TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.24	U	0.24	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.14	U	0.14	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.21	U	0.21	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.46	U	0.46	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.02	U	1.02	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.0		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB152543BL	Acq On:	04 May 2023 09:53
Client Sample ID:	PB152543BL	Operator:	YP/AJ
Data file:	FC063546.D	Misc:	
Instrument:	FID_C	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.197	6.482	0	0	300	ug/ml
Aliphatic C12-C16	6.483	9.875	0	0	200	ug/ml
Aliphatic C16-C21	9.876	13.231	0	0	300	ug/ml
Aliphatic C21-C28	13.232	16.883	0	0	400	ug/ml
Aliphatic C28-C40	16.884	21.732	0	0	600	ug/ml
Aliphatic EPH	3.197	21.732	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.966	12.966	5189337	48.05		ug/ml
Aliphatic C9-C28	3.197	16.883	0	0	1200	ug/ml