

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	04/25/23
Project:	169 Bridgeton Pike Mullica Hill, NJ # 0800X062	Date Received:	04/26/23
Client Sample ID:	WO-5DL	SDG No.:	O2505
Lab Sample ID:	O2505-08DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	48.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC063557.D	10	05/03/23	05/04/23	PB152543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	15.5	J	4.97	20.7	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	27.0		2.90	13.8	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	354		4.35	20.7	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9330	E	9.52	27.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9020	E	21.1	41.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.13		40 - 140	103%	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:	O2505-08DL	Acq On:	04 May 2023 17:47
Client Sample ID:	O2505-08DL	Operator:	YP/AJ
Data file:	FC063557.D	Misc:	
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.197	6.482	1485087	11.224	300	ug/ml
Aliphatic C12-C16	6.483	9.875	2556966	19.582	200	ug/ml
Aliphatic C16-C21	9.876	13.231	34055489	257.24	300	ug/ml
Aliphatic C21-C28	13.232	16.883	872625402	6770	400	ug/ml
Aliphatic C28-C40	16.884	21.732	798923172	6540	600	ug/ml
Aliphatic EPH	3.197	21.732	1709646116	13600		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.964	12.964	554471	5.13		ug/ml
Aliphatic C9-C28	3.197	16.883	910722944	7050	1200	ug/ml