

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-6	SDG No.:	O2505
Lab Sample ID:	O2505-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
04/27/23 08:00	05/01/23 10:45	PB152444

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	965		20	32.5	63.6	mg/kg	FE041627.D
Aliphatic C9-C28	Aliphatic C9-C28	408		20	33.4	127	mg/kg	FE041627.D
Total AliphaticEPH	Total AliphaticEPH	1370			65.9	191	mg/kg	
Total EPH	Total EPH	1370			65.9	191	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE041605.D	1	04/27/23	04/28/23	PB152444

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	638	E	1.67	6.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	890	E	1.62	3.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	16.6		40 - 140	33%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	15.3		40 - 140	31%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	O2505-06	Acq On:	28 Apr 2023 07:47
Client Sample ID:	WO-6	Operator:	YP\AJ
Data file:	FE041605.D	Misc:	
Instrument:	FID_E	ALS Vial:	46
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.256	6.877	4761084	31.81	300	ug/ml
Aliphatic C12-C16	6.878	10.315	4495270	28.863	200	ug/ml
Aliphatic C16-C21	10.316	13.682	92757259	574.789	300	ug/ml
Aliphatic C21-C28	13.683	17.343	852770757	5390	400	ug/ml
Aliphatic C28-C40	17.344	22.280	1167556513	8390	600	ug/ml
Aliphatic EPH	3.256	22.280	2122340883	14400		ug/ml
ortho-Terphenyl (SURR)	11.985	11.985	2867105	15.28		ug/ml
1-chlorooctadecane (SURR)	13.426	13.426	2347863	16.62		ug/ml
Aliphatic C9-C28	3.256	17.343	954784370	6030	1200	ug/ml