

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	OR-02-100924MS	SDG No.:	P4385
Lab Sample ID:	P4376-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/11/24 09:55	10/11/24 17:15	PB164070

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	73.1	E	1	1.90	2.11	mg/kg	FC067405.D
Aliphatic C9-C28	Aliphatic C9-C28	72.8		1	1.81	4.20	mg/kg	FC067405.D
Total AliphaticEPH	Total AliphaticEPH	146			3.71	6.31	mg/kg	
Total EPH	Total EPH	146			3.71	6.31	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

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067405.D	1	10/11/24	10/11/24	PB164070

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	72.8		1.81	4.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	73.1	E	1.90	2.11	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.3		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.3		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4376-01MS	Acq On:	11 Oct 2024 17:15
Client Sample ID:	OR-02-100924MS	Operator:	YP/AJ
Data file:	FC067405.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.457	17812741	138.778	300	ug/ml
Aliphatic C12-C16	6.458	9.848	28480646	217.48	200	ug/ml
Aliphatic C16-C21	9.849	13.207	43424263	330.283	300	ug/ml
Aliphatic C21-C28	13.208	16.862	44437861	350.391	400	ug/ml
Aliphatic C28-C40	16.863	21.712	109512902	1040	600	ug/ml
Aliphatic EPH	3.175	21.712	243668413	2080		ug/ml
ortho-Terphenyl (SURR)	11.505	11.505	5522779	36.3		ug/ml
1-chlorooctadecane (SURR)	12.943	12.943	4447580	39.29		ug/ml
Aliphatic C9-C28	3.175	16.862	134155511	1040	1200	ug/ml