

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164070BSD	SDG No.:	P4385
Lab Sample ID:	PB164070BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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 15:25	PB164070

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	27.8		1	1.80	2.00	mg/kg	FC067402.D
Aliphatic C9-C28	Aliphatic C9-C28	74.2		1	1.72	3.99	mg/kg	FC067402.D
Total AliphaticEPH	Total AliphaticEPH	102			3.52	5.99	mg/kg	
Total EPH	Total EPH	102			3.52	5.99	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

Report of Analysis

Client:	Scheideler Excavating Co. Inc.	Date Collected:	
Project:	Robbinsville	Date Received:	
Client Sample ID:	PB164070BSD	SDG No.:	P4385
Lab Sample ID:	PB164070BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067402.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	74.2		1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.8		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB164070BSD	Acq On:	11 Oct 2024 15:25
Client Sample ID:	PB164070BSD	Operator:	YP/AJ
Data file:	FC067402.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.175	6.457	25660178	199.916	300	ug/ml
Aliphatic C12-C16	6.458	9.848	33412457	255.139	200	ug/ml
Aliphatic C16-C21	9.849	13.207	38352971	291.711	300	ug/ml
Aliphatic C21-C28	13.208	16.862	46650565	367.838	400	ug/ml
Aliphatic C28-C40	16.863	21.712	43888549	417.129	600	ug/ml
Aliphatic EPH	3.175	21.712	187964720	1530		ug/ml
ortho-Terphenyl (SURR)	11.503	11.503	5645722	37.1		ug/ml
1-chlorooctadecane (SURR)	12.941	12.941	4381848	38.71		ug/ml
Aliphatic C9-C28	3.175	16.862	144076171	1110	1200	ug/ml