

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	New Milford Sub	Date Received:	
Client Sample ID:	DRILL CUTTING 1-3 COMPMS	SDG No.:	Q2871
Lab Sample ID:	Q2871-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
08/18/25 08:35	08/18/25 19:10	PB169284

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	108			2.54	7.30	mg/kg
Total EPH	Total EPH	108			2.54	7.30	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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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069698.D	1	08/18/25	08/18/25	PB169284

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	71.1		1.11	4.87	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.4		1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.3		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.9		40 - 140	50%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2871-01MS	Acq On:	18 Aug 2025 19:10
Client Sample ID:	Q2871-01MS	Operator:	YP/AJ
Data file:	FC069698.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	3.296	6.591	19435139	134.333	300	ug/ml
Aliphatic C12-C16	6.592	9.994	27401805	191.04	200	ug/ml
Aliphatic C16-C21	9.995	13.363	31618233	236.732	300	ug/ml
Aliphatic C21-C28	13.364	17.028	37252126	314.875	400	ug/ml
Aliphatic C28-C40	17.029	22.000	42756469	448.58	600	ug/ml
Aliphatic EPH	3.296	22.000	158463772	1330		ug/ml
ortho-Terphenyl (SURR)	11.660	11.660	3707591	24.85		ug/ml
1-chlorooctadecane (SURR)	13.096	13.096	2871835	26.34		ug/ml
Aliphatic C9-C28	3.296	17.028	115707303	876.98	1200	ug/ml