

Report of Analysis

	Client:	PSEG					Date Collected:	11/18/24			
	Project:	Bergen Point 69kV	- 4KV-	13KV Conv	ersion Proj	ect OP	Date Received:	11/18/24			
	Client Sample ID:	MH-COTTAGE					SDG No.:	P4910			
	Lab Sample ID:	P4910-01					Matrix:	Solid			
	Analytical Method:	NJEPH					% Solid:	87.8			
	Sample Wt/Vol:	30.09 Units:	g				Final Vol:	2000	uL		
	Soil Aliquot Vol:		uL				Test:	EPH_NF			
	Prep Method :										
	Prep Date :			Date A	Analyzed :			Prep	Batch ID		
	11/19/24 09:45			11/19	/24 16:37			PB1	65088		
										Datafile	
CA	AS Number Paramete	er	Conc.	Qualifier	Dilution	MDL	LOQ / CR	QL Units(I	Ory Weight)	
]	FARGETS										
1	Aliphatic C28-C40 Ali	phatic C28-C40	2.27	U	1	2.04	2.27		mg/kg	FG014875.D	
1	Aliphatic C9-C28 Ali	phatic C9-C28	4.55	U	1	1.95	4.55		mg/kg	FG014875.D	
5	Total AliphaticEPH Tot	tal AliphaticEPH	6.82	U		3.99	6.82		mg/kg		
5	Total EPH Tot	tal EPH	6.82	U		3.99	6.82		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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Project:	Bergen	Point 69kV	- 4KV-13KV Conversio	n Project O	P Date	Received:	11/18/24		
Client Sample ID:	MH-CO	TTAGE			SDG	No.:	P4910		
Lab Sample ID:	P4910-0)1			Matri	x:	Solid		
Analytical Method:	NJEPH				% So	lid:	87.8		
Sample Wt/Vol:	30.09	Units:	g		Final	Vol:	2000	uL	
Soil Aliquot Vol:			uL		Test:		EPH_NF		
Prep Method :									
File ID :	Dilution:		Prep Date :		Date Analy	/zed :	P	rep Batch ID	
FG014875.D	1		11/19/24		11/19/24		P	B165088	
CAS Number Para	ameter			Conc.	Qualifier	MDL		LOQ / CRQL	Units
TARGETS									
Aliphatic C9-C28		Aliphatic	C9-C28	0.000	U	1.95		4.55	mg/kg
Aliphatic C28-C40		Aliphatic	C28-C40	2.27	U	2.04		2.27	mg/kg
SURROGATES									
3383-33-2		1-chloroo	ctadecane (SURR)	47.1		40 - 140		94%	SPK: 50
84-15-1		ortho-Ter	phenyl (SURR)	46.2		40 - 140		92%	SPK: 50



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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4910-01	Acq On:	19 Nov 2024 16:37
Client Sample ID:	MH-COTTAGE	Operator:	YP\AJ
Data file:	FG014875.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.218	6.839	181217	1.311	300	ug/ml
Aliphatic C12-C16	6.840	10.283	446749	3.187	200	ug/ml
Aliphatic C16-C21	10.284	13.654	960434	7.145	300	ug/ml
Aliphatic C21-C28	13.655	17.319	964304	7.806	400	ug/ml
Aliphatic C28-C40	17.320	22.248	1440384	13.891	600	ug/ml
Aliphatic EPH	3.218	22.248	3993088	33.341		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	6810815	46.16		ug/ml
1-chlorooctadecane (SURR)	13.386	13.386	5233603	47.09		ug/ml
Aliphatic C9-C28	3.218	17.319	2552704	19.449	1200	ug/ml