

Report of Analysis

Client:	PSEG	Date Collected:	05/13/25
Project:	PSEG Bergen Point	Date Received:	05/14/25
Client Sample ID:	L3-WC-6-EPH	SDG No.:	Q2034
Lab Sample ID:	Q2034-22	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 09:30	05/15/25 20:12	PB168018

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.11		1	1.26	2.13	mg/kg	FE053855.D
Aliphatic C9-C28	Aliphatic C9-C28	1.48	J	1	0.97	4.27	mg/kg	FE053855.D
Total AliphaticEPH	Total AliphaticEPH	4.59	J		2.23	6.40	mg/kg	
Total EPH	Total EPH	4.59	J		2.23	6.40	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:	PSEG	Date Collected:	05/13/25
Project:	PSEG Bergen Point	Date Received:	05/14/25
Client Sample ID:	L3-WC-6-EPH	SDG No.:	Q2034
Lab Sample ID:	Q2034-22	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.8
Sample Wt/Vol:	30.01 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
FE053855.D	1	05/15/25	05/15/25	PB168018

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.48	J	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.11		1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.3		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.8		40 - 140	60%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2034-22	Acq On:	15 May 2025 20:12
Client Sample ID:	L3-WC-6-EPH	Operator:	YP\AJ
Data file:	FE053855.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.101	6.743	307796	2.27	300	ug/ml
Aliphatic C12-C16	6.744	10.192	531461	3.938	200	ug/ml
Aliphatic C16-C21	10.193	13.567	736453	5.583	300	ug/ml
Aliphatic C21-C28	13.568	17.235	1116128	8.988	400	ug/ml
Aliphatic C28-C40	17.236	22.117	5050910	43.757	600	ug/ml
Aliphatic EPH	3.101	22.117	7742748	64.537		ug/ml
ortho-Terphenyl (SURR)	11.850	11.850	4836573	29.76		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	3711553	31.31		ug/ml
Aliphatic C9-C28	3.101	17.235	2691838	20.779	1200	ug/ml