

Report of Analysis

Client:	PSEG	Date Collected:	11/07/25
Project:	PSEG Onyx- STL	Date Received:	11/07/25
Client Sample ID:	WC-1A-EPH	SDG No.:	Q3577
Lab Sample ID:	Q3577-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.05 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/10/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	20.5		1	1.39	2.35	mg/kg	FE056716.D	11/10/25 16:38	PB170458
Aliphatic C9-C28	Aliphatic C9-C28	19.8		1	1.07	4.71	mg/kg	FE056716.D	11/10/25 16:38	PB170458
Total AliphaticEPH	Total AliphaticEPH	40.3			2.46	7.06	mg/kg			
Total EPH	Total EPH	40.3			2.46	7.06	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:	11/07/25
Project:	PSEG Onyx- STL	Date Received:	11/07/25
Client Sample ID:	WC-1A-EPH	SDG No.:	Q3577
Lab Sample ID:	Q3577-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.05 g	Final Vol:	2000 uL
Prep Method :		Prep Date	11/10/25
		Test:	EPH_NF

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	19.8	1		1.07	4.71	mg/kg	11/10/25	PB170458
Aliphatic C28-C40	Aliphatic C28-C40	20.5	1		1.39	2.35	mg/kg	11/10/25	PB170458
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	38.3			40 - 140	77%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	36.2			40 - 140	72%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3577-02	Acq On:	10 Nov 2025 16:38
Client Sample ID:	WC-1A-EPH	Operator:	YP\AJ
Data file:	FE056716.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.221	6.846	519975	3.038	300	ug/ml
Aliphatic C12-C16	6.847	10.294	2427515	13.58	200	ug/ml
Aliphatic C16-C21	10.295	13.670	17832389	95.613	300	ug/ml
Aliphatic C21-C28	13.671	17.342	27075307	140.457	400	ug/ml
Aliphatic C28-C40	17.343	22.288	41683319	261.641	600	ug/ml
Aliphatic EPH	3.221	22.288	89538505	514.33		ug/ml
ortho-Terphenyl (SURR)	11.967	11.967	7562248	36.2		ug/ml
1-chlorooctadecane (SURR)	13.407	13.407	6172885	38.31		ug/ml
Aliphatic C9-C28	3.221	17.342	47855186	252.688	1200	ug/ml