

Report of Analysis

Client:	PSEG	Date Collected:	10/16/25
Project:	PSEG Onyx- STL	Date Received:	10/17/25
Client Sample ID:	TP-4-WC	SDG No.:	Q3374
Lab Sample ID:	Q3374-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.09 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	10/20/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	6.95		1	1.38	2.34	mg/kg	FE056387.D	10/20/25 15:17	PB170169
Aliphatic C9-C28	Aliphatic C9-C28	5.72		1	1.07	4.68	mg/kg	FE056387.D	10/20/25 15:17	PB170169
Total AliphaticEPH	Total AliphaticEPH	12.7			2.45	7.02	mg/kg			
Total EPH	Total EPH	12.7			2.45	7.02	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:	10/16/25
Project:	PSEG Onyx- STL	Date Received:	10/17/25
Client Sample ID:	TP-4-WC	SDG No.:	Q3374
Lab Sample ID:	Q3374-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.1
Sample Wt/Vol:	30.09 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
		Prep Date	10/20/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	5.72	1		1.07	4.68	mg/kg	10/20/25	PB170169
Aliphatic C28-C40	Aliphatic C28-C40	6.95	1		1.38	2.34	mg/kg	10/20/25	PB170169
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	27.8			40 - 140	56%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	26.7			40 - 140	53%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3374-01	Acq On:	20 Oct 2025 15:17
Client Sample ID:	TP-4-WC	Operator:	YP\AJ
Data file:	FE056387.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.300	6.926	813771	4.93	300	ug/ml
Aliphatic C12-C16	6.927	10.378	875576	5.134	200	ug/ml
Aliphatic C16-C21	10.379	13.756	7307583	40.907	300	ug/ml
Aliphatic C21-C28	13.757	17.428	3969258	22.164	400	ug/ml
Aliphatic C28-C40	17.429	22.423	12353293	88.999	600	ug/ml
Aliphatic EPH	3.300	22.423	25319481	162.133		ug/ml
ortho-Terphenyl (SURR)	12.058	12.058	5451984	26.69		ug/ml
1-chlorooctadecane (SURR)	13.494	13.494	4233550	27.75		ug/ml
Aliphatic C9-C28	3.300	17.428	12966188	73.135	1200	ug/ml