

Report of Analysis

Client:	PSEG	Date Collected:	11/10/25
Project:	PSEG American Way Meadowland	Date Received:	11/10/25
Client Sample ID:	TP-1	SDG No.:	Q3601
Lab Sample ID:	Q3601-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.04 g	Test:	EPH_NF
Prep Method :		Final Vol:	2000 uL
		Prep Date :	11/12/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Datafile	Date Ana.	Prep BatchID
TARGETS										
Aliphatic C28-C40	Aliphatic C28-C40	17.3		1	1.36	2.31	mg/kg	FG016880.D	11/12/25 14:43	PB170504
Aliphatic C9-C28	Aliphatic C9-C28	10.4		1	1.05	4.61	mg/kg	FG016880.D	11/12/25 14:43	PB170504
Total AliphaticEPH	Total AliphaticEPH	27.7			2.41	6.92	mg/kg			
Total EPH	Total EPH	27.7			2.41	6.92	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:	11/10/25
Project:	PSEG American Way Meadowland	Date Received:	11/10/25
Client Sample ID:	TP-1	SDG No.:	Q3601
Lab Sample ID:	Q3601-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.04 g	Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF
	Prep Date	11/12/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
Aliphatic C9-C28	Aliphatic C9-C28	10.4	1		1.05	4.61	mg/kg	11/12/25	PB170504
Aliphatic C28-C40	Aliphatic C28-C40	17.3	1		1.36	2.31	mg/kg	11/12/25	PB170504
SURROGATES									
3383-33-2	1-chlorooctadecane (SURR)	25.5			40 - 140	51%	SPK: 50		
84-15-1	ortho-Terphenyl (SURR)	28.9			40 - 140	58%	SPK: 50		

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3601-01	Acq On:	12 Nov 2025 14:43
Client Sample ID:	TP-1	Operator:	YP\AJ
Data file:	FG016880.D	Misc:	
Instrument:	FID_G	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.261	6.902	409522	3.357	300	ug/ml
Aliphatic C12-C16	6.903	10.360	1319123	10.738	200	ug/ml
Aliphatic C16-C21	10.361	13.749	7885834	59.562	300	ug/ml
Aliphatic C21-C28	13.750	17.437	8590745	61.789	400	ug/ml
Aliphatic C28-C40	17.438	22.463	25551834	224.544	600	ug/ml
Aliphatic EPH	3.261	22.463	43757058	359.989		ug/ml
ortho-Terphenyl (SURR)	12.039	12.039	4560318	28.88		ug/ml
1-chlorooctadecane (SURR)	13.484	13.484	3067217	25.47		ug/ml
Aliphatic C9-C28	3.261	17.437	18205224	135.446	1200	ug/ml