

Report of Analysis

Client:	PSEG	Date Collected:	11/05/24
Project:	JC-701 Jersey City	Date Received:	11/05/24
Client Sample ID:	JC-701-01	SDG No.:	P4720
Lab Sample ID:	P4720-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/07/24 09:50	11/07/24 20:19	PB164751

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	19.4		1	1.97	2.19	mg/kg FC067664.D
Aliphatic C9-C28	Aliphatic C9-C28	6.58		1	1.88	4.37	mg/kg FC067664.D
Total AliphaticEPH	Total AliphaticEPH	26.0			3.85	6.56	mg/kg
Total EPH	Total EPH	26.0			3.85	6.56	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:	JC-701 Jersey City	Date Received:	11/05/24
Client Sample ID:	JC-701-01	SDG No.:	P4720
Lab Sample ID:	P4720-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.4
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
FC067664.D	1	11/07/24	11/07/24	PB164751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.58		1.88	4.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.4		1.97	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4720-03	Acq On:	07 Nov 2024 20:19
Client Sample ID:	JC-701-01	Operator:	YP/AJ
Data file:	FC067664.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.452	3474403	25.647	300	ug/ml
Aliphatic C12-C16	6.453	9.842	1275793	9.688	200	ug/ml
Aliphatic C16-C21	9.843	13.198	2379793	18.704	300	ug/ml
Aliphatic C21-C28	13.199	16.853	4344649	36.178	400	ug/ml
Aliphatic C28-C40	16.854	21.696	26920181	266.291	600	ug/ml
Aliphatic EPH	3.171	21.696	38394819	356.508		ug/ml
ortho-Terphenyl (SURR)	11.493	11.493	5488317	37.4		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	4144767	38.38		ug/ml
Aliphatic C9-C28	3.171	16.853	11474638	90.217	1200	ug/ml