

Report of Analysis

Client:	JPCL Engineering	Date Collected:	12/05/24
Project:	1454 to 1460 Haddon Avenue, Camden, NJ	Date Received:	12/06/24
Client Sample ID:	UST-1	SDG No.:	P5194
Lab Sample ID:	P5194-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/11/24 09:12	12/11/24 21:57	PB165557

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.13	mg/kg	FC067987.D
Aliphatic C12-C16	Aliphatic C12-C16	0.37	J	1	0.27	0.75	mg/kg	FC067987.D
Aliphatic C16-C21	Aliphatic C16-C21	8.48		1	0.34	1.13	mg/kg	FC067987.D
Aliphatic C21-C28	Aliphatic C21-C28	3.37		1	0.91	1.51	mg/kg	FC067987.D
Aliphatic C28-C40	Aliphatic C28-C40	17.2		1	2.04	2.26	mg/kg	FC067987.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FD048876.D
Aromatic C12-C16	Aromatic C12-C16	0.39	U	1	0.39	1.13	mg/kg	FD048876.D
Aromatic C16-C21	Aromatic C16-C21	1.24	J	1	1.09	1.89	mg/kg	FD048876.D
Aromatic C21-C36	Aromatic C21-C36	4.04		1	2.26	3.02	mg/kg	FD048876.D
Total AliphaticEPH	Total AliphaticEPH	29.4			3.99	6.78	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.28	J		4.08	6.79	mg/kg	
Total EPH	Total EPH	34.7			8.06	13.6	mg/kg	

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:	JPCL Engineering	Date Collected:	12/05/24
Project:	1454 to 1460 Haddon Avenue, Camden, NJ	Date Received:	12/06/24
Client Sample ID:	UST-1	SDG No.:	P5194
Lab Sample ID:	P5194-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067987.D	1	12/11/24	12/11/24	PB165557

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.37	J	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.48		0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.37		0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.2		2.04	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	63.2		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5194-01	Acq On:	11 Dec 2024 21:57
Client Sample ID:	UST-1	Operator:	YP/AJ
Data file:	FC067987.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.151	6.428	369547	2.334	300	ug/ml
Aliphatic C12-C16	6.429	9.820	795444	4.963	200	ug/ml
Aliphatic C16-C21	9.821	13.180	17133674	112.453	300	ug/ml
Aliphatic C21-C28	13.181	16.836	6090451	44.657	400	ug/ml
Aliphatic C28-C40	16.837	21.674	24207343	228.447	600	ug/ml
Aliphatic EPH	3.151	21.674	48596459	392.855		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.915	12.915	8067094	63.22		ug/ml
Aliphatic C9-C28	3.151	16.836	24389116	164.407	1200	ug/ml