

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056157.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.23	J	0.17	1.24	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.35	J	0.14	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	J	0.16	1.24	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.66	U	0.66	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.31		1.47	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.4		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3266-01	Acq On:	02 Oct 2025 20:05
Client Sample ID:	ENV-3-6FT	Operator:	YP\AJ
Data file:	FE056157.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	389531	2.782	300	ug/ml
Aliphatic C12-C16	6.946	10.395	651876	4.25	200	ug/ml
Aliphatic C16-C21	10.396	13.772	690986	4.166	300	ug/ml
Aliphatic C21-C28	13.773	17.442	514215	3.462	400	ug/ml
Aliphatic C28-C40	17.443	22.448	10371915	76.123	600	ug/ml
Aliphatic EPH	3.311	22.448	12618523	90.783		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.504	13.504	3543930	25.39		ug/ml
Aliphatic C9-C28	3.311	17.442	2246608	14.66	1200	ug/ml