

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-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056158.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	0.36	J	0.16	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.60	J	0.13	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.47	J	0.15	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.11	J	0.61	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.08		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3266-02	Acq On:	02 Oct 2025 20:36
Client Sample ID:	ENV-3-6FT	Operator:	YP\AJ
Data file:	FE056158.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	653145	4.664	300	ug/ml
Aliphatic C12-C16	6.946	10.395	1193691	7.783	200	ug/ml
Aliphatic C16-C21	10.396	13.772	1010402	6.091	300	ug/ml
Aliphatic C21-C28	13.773	17.442	2161234	14.551	400	ug/ml
Aliphatic C28-C40	17.443	22.448	12609271	92.544	600	ug/ml
Aliphatic EPH	3.311	22.448	17627743	125.633		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	5980742	42.85		ug/ml
Aliphatic C9-C28	3.311	17.442	5018472	33.089	1200	ug/ml