

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056156.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	0.25	J	0.17	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.37	J	0.13	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.33	J	0.15	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.63	U	0.63	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.29		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3257-02	Acq On:	02 Oct 2025 19:35
Client Sample ID:	ENV2-6FT	Operator:	YP\AJ
Data file:	FE056156.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	445408	3.181	300	ug/ml
Aliphatic C12-C16	6.946	10.395	710630	4.633	200	ug/ml
Aliphatic C16-C21	10.396	13.772	685101	4.13	300	ug/ml
Aliphatic C21-C28	13.773	17.442	757000	5.097	400	ug/ml
Aliphatic C28-C40	17.443	22.448	12624893	92.658	600	ug/ml
Aliphatic EPH	3.311	22.448	15223032	109.699		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	5357450	38.39		ug/ml
Aliphatic C9-C28	3.311	17.442	2598139	17.041	1200	ug/ml