

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FE056154.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	4.73		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.61		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.31		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.97		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3238-01MSD	Acq On:	02 Oct 2025 18:34
Client Sample ID:	RCAMSD	Operator:	YP\AJ
Data file:	FE056154.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	9950514	71.061	300	ug/ml
Aliphatic C12-C16	6.946	10.395	10624570	69.271	200	ug/ml
Aliphatic C16-C21	10.396	13.772	23198627	139.852	300	ug/ml
Aliphatic C21-C28	13.773	17.442	22254021	149.831	400	ug/ml
Aliphatic C28-C40	17.443	22.448	43527930	319.467	600	ug/ml
Aliphatic EPH	3.311	22.448	109555662	749.482		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4297189	30.79		ug/ml
Aliphatic C9-C28	3.311	17.442	66027732	430.015	1200	ug/ml