

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	Bayshore Soil BSM Management		Date Received:	
Client Sample ID:	PB169491BS		SDG No.:	Q2994
Lab Sample ID:	PB169491BS		Matrix:	Solid
Analytical Method:	NJEPH		% Solid:	100
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH_NF
Prep Method :				

Prep Date :	Date Analyzed :	Prep Batch ID
09/02/25 10:30	09/03/25 11:52	PB169491

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1	1.18	2.00	mg/kg	FE055632.D
Aliphatic C9-C28	Aliphatic C9-C28	77.0		1	0.91	4.00	mg/kg	FE055632.D
Total AliphaticEPH	Total AliphaticEPH	103			2.09	6.00	mg/kg	
Total EPH	Total EPH	103			2.09	6.00	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE055632.D	1	09/02/25	09/03/25	PB169491

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	77.0		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.1		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169491BS	Acq On:	03 Sep 2025 11:52
Client Sample ID:	PB169491BS	Operator:	YP\AJ
Data file:	FE055632.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.314	6.948	26157605	203.714	300	ug/ml
Aliphatic C12-C16	6.949	10.401	35570089	263.296	200	ug/ml
Aliphatic C16-C21	10.402	13.781	42426409	294.184	300	ug/ml
Aliphatic C21-C28	13.782	17.452	56473311	394.268	400	ug/ml
Aliphatic C28-C40	17.453	22.470	53991346	392.038	600	ug/ml
Aliphatic EPH	3.314	22.470	214618760	1550		ug/ml
ortho-Terphenyl (SURR)	12.078	12.078	4882495	29.72		ug/ml
1-chlorooctadecane (SURR)	13.514	13.514	3882401	31.05		ug/ml
Aliphatic C9-C28	3.314	17.452	160627414	1160	1200	ug/ml