

Report of Analysis

Client:	Earth Engineering Inc.		Date Collected:		
Project:	1500 Oak		Date Received:		
Client Sample ID:	TP-10MS		SDG No.:	Q2342	
Lab Sample ID:	Q2347-01MS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
06/18/25 09:13	06/18/25 18:59	PB168533

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	34.5		1	1.31	2.22	mg/kg	FE054490.D
Aliphatic C9-C28	Aliphatic C9-C28	90.6	E	1	1.01	4.44	mg/kg	FE054490.D
Total AliphaticEPH	Total AliphaticEPH	125			2.32	6.66	mg/kg	
Total EPH	Total EPH	125			2.32	6.66	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

Report of Analysis

Client:	Earth Engineering Inc.	Date Collected:	
Project:	1500 Oak	Date Received:	
Client Sample ID:	TP-10MS	SDG No.:	Q2342
Lab Sample ID:	Q2347-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054490.D	1	06/18/25	06/18/25	PB168533

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	90.6	E	1.01	4.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.5		1.31	2.22	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.9		40 - 140	74%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2347-01MS	Acq On:	18 Jun 2025 18:59
Client Sample ID:	TP-10MS	Operator:	YP\AJ
Data file:	FE054490.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	3.072	6.717	24368490	194.551	300	ug/ml
Aliphatic C12-C16	6.718	10.164	35488906	270.594	200	ug/ml
Aliphatic C16-C21	10.165	13.536	42686897	318.735	300	ug/ml
Aliphatic C21-C28	13.537	17.204	55978153	440.534	400	ug/ml
Aliphatic C28-C40	17.205	22.063	59820382	466.453	600	ug/ml
Aliphatic EPH	3.072	22.063	218342828	1690		ug/ml
ortho-Terphenyl (SURR)	11.824	11.824	6101299	36.92		ug/ml
1-chlorooctadecane (SURR)	13.268	13.268	4917618	40.33		ug/ml
Aliphatic C9-C28	3.072	17.204	158522446	1220	1200	ug/ml