

Report of Analysis

Client:	PSEG					Date Collected:			
Project:	OR-636 Oradell a	nd New I	Milford			Date Received:			
Client Sample ID:	OR-636-04MSD					SDG No.:	Q1983		
Lab Sample ID:	Q1983-09MSD					Matrix:	Solid		
Analytical Method:	NJEPH					% Solid:	86.8		
Sample Wt/Vol:	30.01 Units:	g				Final Vol:	2000	uL	
Soil Aliquot Vol:		uL				Test:	EPH_NF		
Prep Method :									
Prep Date ·			Date	Analyzed ·			Pre	ep Batch ID	
05/09/25 09:02			05/09	9/25 18:18			PB	167926	
									Datafile
CAS Number Paramete	er	Conc.	Qualifier	Dilution	MDL	LOQ / CF	QL Units	(Dry Weight)	
TARGETS									
Total AliphaticEPH To	tal AliphaticEPH	156			2.41	6.91		mg/kg	
Total EPH To	tal EPH	156			2.41	6.91		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:	PSEG					Date Collected:			
Project:	OR-636 Oradell a	nd New I	Milford			Date Received:			
Client Sample ID:	OR-636-04MSD					SDG No.:	Q1983		
Lab Sample ID:	Q1983-09MSD					Matrix:	Solid		
Analytical Method:	NJEPH					% Solid:	86.8		
Sample Wt/Vol:	30.01 Units:	g				Final Vol:	2000	uL	
Soil Aliquot Vol:		uL				Test:	EPH_NF		
Prep Method :									
Prep Date ·			Date	Analyzed ·			Pre	ep Batch ID	
05/09/25 09:02			05/09	9/25 18:18			PB	167926	
									Datafile
CAS Number Paramete	er	Conc.	Qualifier	Dilution	MDL	LOQ / CF	QL Units	(Dry Weight)	
TARGETS									
Total AliphaticEPH To	tal AliphaticEPH	156			2.41	6.91		mg/kg	
Total EPH To	tal EPH	156			2.41	6.91		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:	PSEG			Date (Collected:			
Project:	OR-636	Oradell and New Milford	Date I	Received:				
Client Sample ID:	OR-636	-04MSD		SDG	No.:	Q1983		
Lab Sample ID:	Q1983-0	09MSD		Matri	x:	Solid		
Analytical Method:	NJEPH			% Sol	id:	86.8		
Sample Wt/Vol:	30.01	Units: g		Final	Vol:	2000	uL	
Soil Aliquot Vol:		uL		Test:		EPH NF		
Prep Method ·								
File ID :	Dilution:	Prep Date :		Date Analy	zed :	P	rep Batch ID	
FC068818.D	1	05/09/25		05/09/25		P	B167926	
CAS Number Param	eter		Conc.	Qualifier	MDL		LOQ / CRQL	Units
TARGETS								
Aliphatic C9-C28		Aliphatic C9-C28	114	Е	1.05		4.61	mg/kg
Aliphatic C28-C40		Aliphatic C28-C40	42.2		1.36		2.30	mg/kg
SURROGATES								
3383-33-2		1-chlorooctadecane (SURR)	40.1		40 - 140		80%	SPK: 50
84-15-1		ortho-Terphenyl (SURR)	36.1		40 - 140		72%	SPK: 50



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1983-09MSD	Acq On:	09 May 2025 18:18
Client Sample ID:	Q1983-09MSD	Operator:	YP/AJ
Data file:	FC068818.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.342	6.642	19136445	193.038	300	ug/ml
Aliphatic C12-C16	6.643	10.043	28674044	315.153	200	ug/ml
Aliphatic C16-C21	10.044	13.410	36499824	425.602	300	ug/ml
Aliphatic C21-C28	13.411	17.074	45590320	548.679	400	ug/ml
Aliphatic C28-C40	17.075	22.075	46479926	549.261	600	ug/ml
Aliphatic EPH	3.342	22.075	176380559	2030		ug/ml
ortho-Terphenyl (SURR)	11.710	11.710	4122755	36.12		ug/ml
1-chlorooctadecane (SURR)	13.143	13.143	3221314	40.15		ug/ml
Aliphatic C9-C28	3.342	17.074	129900633	1480	1200	ug/ml