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

Report of Analysis

Client:	PSEG	Date Collected:	12/17/24
Project:	Oakland Gas	Date Received:	12/17/24
Client Sample ID:	CONCRETE-VNJ-222	SDG No.:	P5312
Lab Sample ID:	P5312-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/18/24 08:54	12/18/24 17:29	PB165706

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.49		1	1.80	2.00	mg/kg	FE051686.D
Aliphatic C9-C28	Aliphatic C9-C28	3.22	J	1	1.72	3.99	mg/kg	FE051686.D
Total AliphaticEPH	Total AliphaticEPH	9.71			3.52	5.99	mg/kg	
Total EPH	Total EPH	9.71			3.52	5.99	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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Client Sample ID:	CONCRETE-VNJ-222	SDG No.:	P5312
Lab Sample ID:	P5312-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 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
FE051686.D	1	12/18/24	12/18/24	PB165706

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.22	J	1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.49		1.80	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		27.7		40 - 140	55%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		26.0		40 - 140	52%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5312-04	Acq On:	18 Dec 2024 17:29
Client Sample ID:	CONCRETE-VNJ-222	Operator:	YP\AJ
Data file:	FE051686.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	3.383	6.948	1207551	9.679	300	ug/ml
Aliphatic C12-C16	6.949	10.351	1250559	9.03	200	ug/ml
Aliphatic C16-C21	10.352	13.689	927468	6.42	300	ug/ml
Aliphatic C21-C28	13.690	17.319	3179920	23.325	400	ug/ml
Aliphatic C28-C40	17.320	22.187	10586077	97.508	600	ug/ml
Aliphatic EPH	3.383	22.187	17151575	145.962		ug/ml
ortho-Terphenyl (SURR)	12.007	12.007	4169984	25.97		ug/ml
1-chlorooctadecane (SURR)	13.427	13.427	3491901	27.68		ug/ml
Aliphatic C9-C28	3.383	17.319	6565498	48.454	1200	ug/ml