



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 14:52	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	4.29	J	1	1.08	4.75	mg/kg	FC069392.D
Total EPH	Total EPH	4.29	J		1.08	4.75	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	1	SDG No.:	Q2486
Lab Sample ID:	Q2486-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069392.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	4.29	J	1.08	4.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.3		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.9		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.7		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-03	Acq On:	08 Jul 2025 14:52
Client Sample ID:	1	Operator:	YP/AJ
Data file:	FC069392.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.303	6.602	503054	3.43	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1489627	9.356	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2796414	18.107	300	ug/ml
Aliphatic C21-C28	13.375	17.040	3144439	23.472	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13199171	143.275	600	ug/ml
Aliphatic EPH	3.303	22.023	21132705	197.641		ug/ml
ortho-Terphenyl (SURR)	11.676	11.676	6335694	36.67		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	4815098	36.86		ug/ml
Aliphatic C9-C28	3.303	17.040	7933534	54.365	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	2	SDG No.:	Q2486
Lab Sample ID:	Q2486-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 17:26	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1	1.11	4.85	mg/kg	FC069395.D
Total EPH	Total EPH	3.17	J		1.11	4.85	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	2	SDG No.:	Q2486
Lab Sample ID:	Q2486-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069395.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.17	J	1.11	4.85	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.5		1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.1		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.2		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-04	Acq On:	08 Jul 2025 17:26
Client Sample ID:	2	Operator:	YP/AJ
Data file:	FC069395.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	3.303	6.602	454352	3.098	300	ug/ml
Aliphatic C12-C16	6.603	10.005	1325119	8.323	200	ug/ml
Aliphatic C16-C21	10.006	13.375	2022605	13.097	300	ug/ml
Aliphatic C21-C28	13.375	17.040	1954827	14.592	400	ug/ml
Aliphatic C28-C40	17.041	22.023	13127284	142.495	600	ug/ml
Aliphatic EPH	3.303	22.023	18884187	181.605		ug/ml
ortho-Terphenyl (SURR)	11.675	11.675	4525072	26.19		ug/ml
1-chlorooctadecane (SURR)	13.111	13.111	3411517	26.11		ug/ml
Aliphatic C9-C28	3.303	17.040	5756903	39.11	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 15:00	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.35	J	1	1.09	4.80	mg/kg	FE054741.D
Total EPH	Total EPH	3.35	J		1.09	4.80	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	3	SDG No.:	Q2486
Lab Sample ID:	Q2486-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054741.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.35	J	1.09	4.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.6		1.41	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.4		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.6		40 - 140	57%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-05	Acq On:	08 Jul 2025 15:00
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FE054741.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	304472	2.238	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1138537	8.1	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2020424	13.992	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2543322	17.582	400	ug/ml
Aliphatic C28-C40	17.459	22.482	21836151	157.494	600	ug/ml
Aliphatic EPH	3.323	22.482	27842906	199.406		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4644078	28.6		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	3583162	28.37		ug/ml
Aliphatic C9-C28	3.323	17.458	6006755	41.912	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	4	SDG No.:	Q2486
Lab Sample ID:	Q2486-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 15:31	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	3.56	J	1	1.07	4.72	mg/kg	FE054742.D
Total EPH	Total EPH	3.56	J		1.07	4.72	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	4	SDG No.:	Q2486
Lab Sample ID:	Q2486-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054742.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.56	J	1.07	4.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.6		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.5		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-06	Acq On:	08 Jul 2025 15:31
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FE054742.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	722474	5.31	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1265468	9.003	200	ug/ml
Aliphatic C16-C21	10.410	13.786	2114929	14.647	300	ug/ml
Aliphatic C21-C28	13.787	17.458	2352581	16.264	400	ug/ml
Aliphatic C28-C40	17.459	22.482	20486736	147.761	600	ug/ml
Aliphatic EPH	3.323	22.482	26942188	192.985		ug/ml
ortho-Terphenyl (SURR)	12.087	12.087	5160674	31.78		ug/ml
1-chlorooctadecane (SURR)	13.523	13.523	3982934	31.54		ug/ml
Aliphatic C9-C28	3.323	17.458	6455452	45.224	1200	ug/ml

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
07/08/25 09:05	07/08/25 16:02	PB168752

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.66	J	1	1.23	5.40	mg/kg	FE054743.D
Total EPH	Total EPH	2.66	J		1.23	5.40	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	07/01/25
Project:	89 E. Centre St, Nutley	Date Received:	07/01/25
Client Sample ID:	5	SDG No.:	Q2486
Lab Sample ID:	Q2486-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	74.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054743.D	1	07/08/25	07/08/25	PB168752

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	2.66	J	1.23	5.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.2		1.59	2.70	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.4		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2486-07	Acq On:	08 Jul 2025 16:02
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FE054743.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.323	6.956	319224	2.346	300	ug/ml
Aliphatic C12-C16	6.957	10.409	1038668	7.389	200	ug/ml
Aliphatic C16-C21	10.410	13.786	1412791	9.784	300	ug/ml
Aliphatic C21-C28	13.787	17.458	1457235	10.074	400	ug/ml
Aliphatic C28-C40	17.459	22.482	15692772	113.185	600	ug/ml
Aliphatic EPH	3.323	22.482	19920690	142.778		ug/ml
ortho-Terphenyl (SURR)	12.082	12.082	4945580	30.45		ug/ml
1-chlorooctadecane (SURR)	13.518	13.518	3803294	30.11		ug/ml
Aliphatic C9-C28	3.323	17.458	4227918	29.593	1200	ug/ml

LAB CHRONICLE

OrderID:	Q2486	OrderDate:	7/2/2025 9:45:00 AM
Client:	Sciacca General Contractors, LLC	Project:	89 E. Centre St, Nutley
Contact:	Rosanne Scirica	Location:	A61,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2486-01	WASTE	SOIL	TPH GC	8015D	07/01/25	07/10/25	07/10/25	07/01/25
Q2486-03	1	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-04	2	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-05	3	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-06	4	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25
Q2486-07	5	Solid	EPH_F2	NJEPH	07/01/25	07/08/25	07/08/25	07/01/25