



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOIL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/07/25 11:25	10/08/25 15:08	PB170011

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	305		20	3.45	24.6	mg/kg FC069967.D
Aliphatic C12-C16	Aliphatic C12-C16	965		100	13.5	82.1	mg/kg FC069968.D
Aliphatic C16-C21	Aliphatic C16-C21	1010		100	16.0	123	mg/kg FC069968.D
Aliphatic C21-C28	Aliphatic C21-C28	175		20	13.0	32.8	mg/kg FC069967.D
Aliphatic C28-C40	Aliphatic C28-C40	32.2		1	1.45	2.46	mg/kg FC069963.D
Aromatic C10-C12	Aromatic C10-C12	47.7		5	0.74	4.10	mg/kg FD049836.D
Aromatic C12-C16	Aromatic C12-C16	290		25	7.08	30.8	mg/kg FD049837.D
Aromatic C16-C21	Aromatic C16-C21	562		25	12.3	51.3	mg/kg FD049837.D
Aromatic C21-C36	Aromatic C21-C36	75.7		5	7.32	16.4	mg/kg FD049836.D
Total AliphaticEPH	Total AliphaticEPH	2490			47.4	265	mg/kg
Total AromaticEPH	Total AromaticEPH	975			27.4	103	mg/kg
Total EPH	Total EPH	3460			74.8	368	mg/kg

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:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOIL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069963.D	1	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	272	E	0.17	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1020	E	0.14	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	997	E	0.16	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	175	E	0.65	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	32.2		1.45	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	95.3		40 - 140	191%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.4		40 - 140	103%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3301-01	Acq On:	08 Oct 2025 12:16
Client Sample ID:	SOIL	Operator:	YP/AJ
Data file:	FC069963.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	3.284	6.578	479959359	3310	300	ug/ml
Aliphatic C12-C16	6.579	9.979	2034861834	12400	200	ug/ml
Aliphatic C16-C21	9.980	13.346	1967950096	12200	300	ug/ml
Aliphatic C21-C28	13.347	17.010	314354307	2140	400	ug/ml
Aliphatic C28-C40	17.011	21.966	42170715	391.922	600	ug/ml
Aliphatic EPH	3.284	21.966	4839296311	30400		ug/ml
ortho-Terphenyl (SURR)	11.649	11.649	9032156	51.43		ug/ml
1-chlorooctadecane (SURR)	13.104	13.104	12937624	95.31		ug/ml
Aliphatic C9-C28	3.284	17.010	4797125596	30000	1200	ug/ml

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOIL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049832.D	1	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	51.5	E	0.15	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	272	E	0.28	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	542	E	0.49	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	76.3	E	1.46	3.28	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	94.9		40 - 140	190%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	71.9		40 - 140	144%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.1		40 - 140	92%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3301-01	Acq On:	08 Oct 2025 11:33
Client Sample ID:	SOIL	Operator:	YP/AJ
Data file:	FD049832.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.394	6.137	77133136	628.174	200	ug/ml
Aromatic C12-C16	6.138	8.765	476055614	3320	300	ug/ml
Aromatic C16-C21	8.766	13.056	939626183	6610	500	ug/ml
Aromatic C21-C36	13.057	18.475	115060632	929.244	800	ug/ml
Aromatic EPH	4.394	18.475	1607875565	11500		ug/ml
ortho-Terphenyl (SURR)	11.626	11.626	6890139	46.15		ug/ml
2-Bromonaphthalene (SURR)	7.711	7.711	11270847	94.86		ug/ml
2-Fluorobiphenyl (SURR)	8.579	8.579	6102697	71.88		ug/ml

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOILDL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069967.D	20	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	305		3.45	24.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	955	E	2.71	16.4	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	899	E	3.20	24.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	175		13.0	32.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	29.0	U	29.0	49.2	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.09		40 - 140	164%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.05		40 - 140	122%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3301-01DL	Acq On:	08 Oct 2025 15:08
Client Sample ID:	SOILDL	Operator:	YP/AJ
Data file:	FC069967.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	26909196	185.856	300	ug/ml
Aliphatic C12-C16	6.579	9.979	95346699	582.155	200	ug/ml
Aliphatic C16-C21	9.980	13.346	88727682	547.886	300	ug/ml
Aliphatic C21-C28	13.347	17.010	15769243	107.17	400	ug/ml
Aliphatic C28-C40	17.011	21.966	1276697	11.865	600	ug/ml
Aliphatic EPH	3.284	21.966	228029517	1430		ug/ml
ortho-Terphenyl (SURR)	11.613	11.613	535698	3.05		ug/ml
1-chlorooctadecane (SURR)	13.076	13.076	555271	4.09		ug/ml
Aliphatic C9-C28	3.284	17.010	226752820	1420	1200	ug/ml

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOILDL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049836.D	5	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	47.7		0.74	4.10	mg/kg
Aromatic C12-C16	Aromatic C12-C16	246	E	1.42	6.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	522	E	2.46	10.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	75.7		7.32	16.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	18.1		40 - 140	181%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	15.0		40 - 140	150%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	9.41		40 - 140	94%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3301-01DL	Acq On:	08 Oct 2025 14:25
Client Sample ID:	SOILDL	Operator:	YP/AJ
Data file:	FD049836.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.394	6.137	14260932	116.141	200	ug/ml
Aromatic C12-C16	6.138	8.765	86293606	601.942	300	ug/ml
Aromatic C16-C21	8.766	13.056	181114244	1270	500	ug/ml
Aromatic C21-C36	13.057	18.475	22838138	184.444	800	ug/ml
Aromatic EPH	4.394	18.475	304506920	2180		ug/ml
2-Bromonaphthalene (SURR)	7.703	7.703	2154283	18.13		ug/ml
2-Fluorobiphenyl (SURR)	8.565	8.565	1273822	15		ug/ml
ortho-Terphenyl (SURR)	11.613	11.613	1404490	9.41		ug/ml

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOILDL2	SDG No.:	Q3301
Lab Sample ID:	Q3301-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069968.D	100	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	333		17.2	123	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	965		13.5	82.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1010		16.0	123	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	176		65.2	164	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	145	U	145	246	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.82		40 - 140	164%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.68		40 - 140	136%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3301-01DL2	Acq On:	08 Oct 2025 15:51
Client Sample ID:	SOILDL2	Operator:	YP/AJ
Data file:	FC069968.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.284	6.578	5888524	40.671	300	ug/ml
Aliphatic C12-C16	6.579	9.979	19280189	117.718	200	ug/ml
Aliphatic C16-C21	9.980	13.346	19938802	123.12	300	ug/ml
Aliphatic C21-C28	13.347	17.010	3159266	21.471	400	ug/ml
Aliphatic C28-C40	17.011	21.966	450123	4.183	600	ug/ml
Aliphatic EPH	3.284	21.966	48716904	307.164		ug/ml
ortho-Terphenyl (SURR)	11.614	11.614	120179	0.68		ug/ml
1-chlorooctadecane (SURR)	13.077	13.077	110927	0.82		ug/ml
Aliphatic C9-C28	3.284	17.010	48266781	302.98	1200	ug/ml

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOILDL2	SDG No.:	Q3301
Lab Sample ID:	Q3301-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049837.D	25	10/07/25	10/08/25	PB170011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	58.1		3.69	20.5	mg/kg
Aromatic C12-C16	Aromatic C12-C16	290		7.08	30.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	562		12.3	51.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	87.3		36.6	82.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.20		40 - 140	360%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	9.55		40 - 140	478%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.16		40 - 140	258%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3301-01DL2	Acq On:	08 Oct 2025 15:08
Client Sample ID:	SOILDL2	Operator:	YP/AJ
Data file:	FD049837.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.394	6.137	3479838	28.34	200	ug/ml
Aromatic C12-C16	6.138	8.765	20283976	141.491	300	ug/ml
Aromatic C16-C21	8.766	13.056	38992222	274.262	500	ug/ml
Aromatic C21-C36	13.057	18.475	5271872	42.576	800	ug/ml
Aromatic EPH	4.394	18.475	68027908	486.669		ug/ml
2-Bromonaphthalene (SURR)	7.702	7.702	855312	7.2		ug/ml
2-Fluorobiphenyl (SURR)	8.564	8.564	811072	9.55		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	770521	5.16		ug/ml

LAB CHRONICLE

OrderID:	Q3301	OrderDate:	10/6/2025 4:22:50 PM
Client:	Ronald Adams	Project:	19 Ashlynn Court
Contact:	Ronald Adams	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3301-01	SOIL	SOIL	Gasoline Range Organics	8015D	09/10/25		10/08/25	10/06/25
			EPH	NJEPH		10/07/25	10/08/25	
Q3301-01DL	SOILD	Solid			09/10/25			10/06/25
			EPH	NJEPH		10/07/25	10/08/25	
Q3301-01DL 2	SOILD2	Solid			09/10/25			10/06/25
			EPH	NJEPH		10/07/25	10/08/25	



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Ronald Adams	Date Collected:	09/10/25
Project:	19 Ashlynn Court	Date Received:	10/06/25
Client Sample ID:	SOIL	SDG No.:	Q3301
Lab Sample ID:	Q3301-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB032244.D	50	10/08/25 13:59	FB100825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	24100		510	2780	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	29.2		50 - 150	146%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance 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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3301	OrderDate:	10/6/2025 4:22:50 PM
Client:	Ronald Adams	Project:	19 Ashlynn Court
Contact:	Ronald Adams	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3301-01	SOIL	Solid	EPH Gasoline Range Organics	NJEPH 8015D	09/10/25	10/07/25	10/08/25 10/08/25	10/06/25