284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : 19 ASHLYNN COURT

RONALD ADAMS

19 Ashlynn Ct,

Manalapan Township, NJ - 07726

Phone No: 508-944-5166

ORDER ID : Q3301

ATTENTION : Ronald Adams

Laboratory Certification ID # 20012

Table Of Contents for Q3301

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Cover Page

Order ID : Q3301

Project ID : 19 Ashlynn Court

Client : Ronald Adams

Lab Sample Number	Client Sample Number
Q3301-01	SOIL

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:45 am, Oct 17, 2025

Date: 10/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Ronald Adams
Project Name: 19 Ashlynn Court
Project # N/A
Order ID # Q3301
Test Name: EPH,Gasoline Range Organics

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 10/06/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested:
. This data package contains results for EPH(NJEPH), Gasoline Range Organics(8015D).

C. Analytical Techniques:
EPH : The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

Gasoline Range Organics : The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909.The analysis of Gasoline Range Organics was based on method 8015D.

D. QA/ QC Samples:
The Holding Times were met for all analysis except following
EPH : The Holding Time did not meet for SOIL sample analysis . As sample received late in Lab.

Gasoline Range Organics : The Holding Times did not meet for SOIL sample analysis . As sample received late in Lab

The Surrogate recoveries were met for all analysis except following
EPH :
SOIL Aliphatic [1-chlorooctadecane (SURR) - 191%],
SOIL Aromatic [2-Bromonaphthalene (SURR) - 190%, 2-Flurobiphenyl (SURR) - 144%],
SOILDL Aliphatic [1-chlorooctadecane (SURR) - 164%],
SOILDL Aromatic [2-Bromonaphthalene (SURR) - 181% , 2-Flurobiphenyl (SURR) - 150%],
SOILDL2 Aliphatic [1-chlorooctadecane (SURR) - 164%],

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SOILDL2 Aromatic [2-Bromonaphthalene (SURR) - 360% , 2-Flurobiphenyl (SURR) - 478%, ortho-Terphenyl (SURR) - 258%],
but this sample was required further dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken.

SOILMS Aromatic [2-Bromonaphthalene (SURR) - 184%],
SOILMSD Aromatic [2-Bromonaphthalene (SURR) - 180% , 2-Flurobiphenyl (SURR) - 144%], MSMSD confirm with its original sample.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds except following
EPH : The MS {Q3301-01MS} with File ID: FC069965.D recoveries met the requirements for all compounds except for Aliphatic [n-Hexadecane (C16)- 19%], [n-Octadecane (C18) - 13%], [n-Hexatriacontane (C36) - 148%], [n-Octatriacontane (C38) - 149%] due to matrix interference. & for [Naphthalene (C11.7)- 24%, 2-methylnaphthalene (C12.89)- 250%], these analytes are only being monitoring in aliphatic fraction.

The MS {Q3301-01MS} with File ID: FD049834.D recoveries met the requirements for all compounds except for Aromatic [Acenaphthylene (C15.06) - 143%], [Acenaphthene (C15.5) - 285%], Flouorene (C16.55) - 148%], [Anthracene (C19.43) - 497%], [Pyrene (C20.8) - 178%], [Fluoranthene (C21.85) - 186%], [Benzo[a]anthracene (C26.37) - 205%], [Chrysene (C27.41) - 414%], [Bnezo[k]fluoranthene (C30.14) - 410%],[Dibenz[a,h]anthracene (C30.36) - 381%], [benzo[b]fluoranthene (C30.41) - 197%], [Benzo[a]pyrene (C31.34) - 191%], [Benzo[g,h,i]perylene (C34.01) - 190%], [Indeno[1,2,3-cd]pyrene (C35.01) - 216%] due to matrix interference.

The MSD recoveries met the requirements for all compounds except following
EPH : The MSD {Q3301-01MSD} with File ID: FC069966.D recoveries met the requirements for all compounds except for Aliphatic [n-Decane (C10)- 146%], [n-Tetradecane (C14)- 155%], [n-Octadecane (C18) - 479%], [n-Octatriacontane (C38) - 150%], [n-Tetracontane (C40) - 142%] due to matrix interference. & for [Naphthalene (C11.7)- 39%, 2-methylnaphthalene (C12.89)- 519%], these analytes are only being monitoring in aliphatic fraction.

The MSD {Q3301-01MSD} with File ID: FD049835.D recoveries met the requirements for all compounds except for Aromatic [Acenaphthene (C15.5) - 282%], Flouorene (C16.55) - 142%], [Anthracene (C19.43) - 494%], [Pyrene (C20.8) - 177%], [Fluoranthene (C21.85) - 181%], [Benzo[a]anthracene (C26.37) - 202%], [Chrysene (C27.41) - 409%], [Bnezo[k]fluoranthene (C30.14) - 408%],[Dibenz[a,h]anthracene (C30.36) - 380%], [benzo[b]fluoranthene (C30.41) - 195%], [Benzo[a]pyrene (C31.34) - 190%], [Benzo[g,h,i]perylene (C34.01) - 189%], [Indeno[1,2,3-cd]pyrene (C35.01) - 213%] due to matrix interference.

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The RPD were met for all analysis except following
EPH : The RPD for {Q3301-01MSD} with File ID: FC069966.D met criteria except for Aliphatic [2-methylnaphthalene (C12.89) - 69.96%], [n-Hexadecane (C16) - 142.42%], [n-Octadecane (C18) - 189.43%], [n-Eicosane (C20) - 71.35%] due to difference in MSMSD concentrations.

The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.

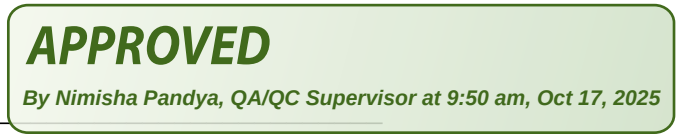
Gasoline Range Organics : Samples SOIL was diluted due to bad matrix.

EPH : Sample SOIL,SOILDL were diluted due to high concentration for Aliphatic and Aromatic compounds.

E. Additional Comments:
The soil samples results are based on a dry weight basis.
The time of sampling were not listed in the COC.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3301

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 10/16/2025

SAMPLE DATA

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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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
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

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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

Alliance TECHNICAL GROUP
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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

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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-Flurobiphenyl (SURR)	71.9		40 - 140	144%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.1		40 - 140	92%	SPK: 50

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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-Flurobiphenyl (SURR)	8.579	8.579	6102697	71.88		ug/ml

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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

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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

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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-Flurobiphenyl (SURR)	15.0		40 - 140	150%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	9.41		40 - 140	94%	SPK: 50

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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-Flurobiphenyl (SURR)	8.565	8.565	1273822	15		ug/ml
ortho-Terphenyl (SURR)	11.613	11.613	1404490	9.41		ug/ml

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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

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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

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Fax : 908 789 8922

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-Flurobiphenyl (SURR)	9.55		40 - 140	478%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.16		40 - 140	258%	SPK: 50

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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-Flurobiphenyl (SURR)	8.564	8.564	811072	9.55		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	770521	5.16		ug/ml

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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**			**09/10/25**			**10/06/25**
			Gasoline Range Organics	8015D			10/08/25	
			EPH	NJEPH		10/07/25	10/08/25	
Q3301-01DL	**SOILDL**	**Solid**			**09/10/25**			**10/06/25**
			EPH	NJEPH		10/07/25	10/08/25	
Q3301-01DL2	**SOILDL2**	**Solid**			**09/10/25**			**10/06/25**
			EPH	NJEPH		10/07/25	10/08/25	

SAMPLE DATA

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

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 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
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

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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**			**09/10/25**			**10/06/25**
			EPH	NJEPH		10/07/25	10/08/25	
			Gasoline Range Organics	8015D			10/08/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q3301

COC Number:

CLIENT INFORMATION

COMPANY: Ronald Adams
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

PROJECT INFORMATION

PROJECT NAME: 19 Ashlynn Court
PROJECT #: LOCATION:
PROJECT MANAGER: Ronald Adams
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format_____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____

ANALYSIS

1	2	3	4	5	6	7	8	9
EPH	GRO							

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Soil	Soil			9/10	/	1	X	+								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		DATE/TIME
RELINQUISHED BY SAMPLER 1.	10/6/25	RECEIVED BY 1.	16:30
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:_____
Comments:

Page_____of_____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312