



CTEH

June 10, 2025

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 30, 2025. This project is associated with Origins project number E5E1037-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GACO0529T156-1CRS001	E5E1037-01	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS002	E5E1037-02	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRC002	E5E1037-03	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRS003	E5E1037-04	Soil	May 29, 2025 11:20	05/30/2025 07:35
GACO0529T156-1CRS004	E5E1037-05	Soil	May 29, 2025 11:35	05/30/2025 07:35
GACO0529T156-1CRS005	E5E1037-06	Soil	May 29, 2025 10:40	05/30/2025 07:35
GACO0529T156-1CRS006	E5E1037-07	Soil	May 29, 2025 11:10	05/30/2025 07:35
GACO0529T156-1CRS007	E5E1037-08	Soil	May 29, 2025 11:35	05/30/2025 07:35
GACO0529T156-1CRS008	E5E1037-09	Soil	May 29, 2025 11:30	05/30/2025 07:35
GACO0529T156-1CRT005	E5E1037-10	Water	May 29, 2025 7:00	05/30/2025 07:35
GACO0529T156-1CRS009	E5E1037-11	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS010	E5E1037-12	Soil	May 29, 2025 10:55	05/30/2025 07:35
GACO0529T156-1CRS011	E5E1037-13	Soil	May 29, 2025 11:10	05/30/2025 07:35
GACO0529T156-1CRS012	E5E1037-14	Soil	May 29, 2025 10:45	05/30/2025 07:35

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GACO0529T156-1CRS013	E5E1037-15	Soil	May 29, 2025 11:10	05/30/2025 07:35
GACO0529T156-1CRS014	E5E1037-16	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRC014	E5E1037-17	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRS015	E5E1037-18	Soil	May 29, 2025 11:15	05/30/2025 07:35
GACO0529T156-1CRS016	E5E1037-19	Soil	May 29, 2025 10:45	05/30/2025 07:35
GACO0529T156-1CRT006	E5E1037-20	Water	May 29, 2025 7:00	05/30/2025 07:35
GACO0529T156-1CRS017	E5E1037-21	Soil	May 29, 2025 10:50	05/30/2025 07:35
GACO0529T156-1CRS018	E5E1037-22	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRS019	E5E1037-23	Soil	May 29, 2025 11:00	05/30/2025 07:35
GACO0529T156-1CRT007	E5E1037-24	Water	May 29, 2025 7:00	05/30/2025 07:35

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

ENTHALPY ANALYTICAL		Lab No: ESE1037	Page: 1 of 3	Turn Around Time (rush by advanced notice only)					
Enthalpy Analytical - Denver 1725 W. Elk Place, Denver, CO 80211 Phone: 303-433-1322		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil SD = Sediment T = Tissue WP = Wipe MW = Wastewater X = Other	Sample Type: C = Composite G = Grab or Discrete B = Blank O = Other	Preservatives: 0 = none 1 = Na ₂ SO ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other					
CUSTOMER INFORMATION Company: CTEH Report To: Doreen Bishop, Kyle Lawrence, Eric Coffey, Andrew Hornall, Sam McMillin, Melissa Kufnerman Email: dcoffey@cteh.com, klawrence@cteh.com, ecoffey@cteh.com, ahornall@cteh.com, smcmill@cteh.com, melkufner@cteh.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: _____ Site Name: _____ Phone: _____ Global ID: _____ Billing Instruction: ctehrap@northshore-env.com		PROJECT INFORMATION Name: PROJ-054017 Bishop Loss of Containment Number: _____ P.O. #: _____ Address: Galeton, CO		Analysis Request: _____ Test Instructions / Comments: _____					
Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix Type	Sample Pres. No.	Cont. Size	Cont. Initials	Table 915, minus Chromium VI	VOCs 8260D	MS/MSD
1 GAC005291156-1CRS001	5/29/2025	10:45 S	G	0	2	4 oz SK	X	-	-
2 GAC005291156-1CRS002	5/29/2025	11:00 S	G	0	2	4 oz SK	X	-	-
3 GAC005291156-1CRS002	5/29/2025	11:00 S	G	0	2	4 oz SK	X	-	-
4 GAC005291156-1CRS003	5/29/2025	11:20 S	G	0	2	4 oz SK	X	-	-
5 GAC005291156-1CRS004	5/29/2025	11:35 S	G	0	2	4 oz SK	X	-	-
6 GAC005291156-1CRS005	5/29/2025	10:40 S	G	0	6	4 oz SK	X	-	-
7 GAC005291156-1CRS006	5/29/2025	11:10 S	G	0	2	4 oz SK	X	-	-
8 GAC005291156-1CRS007	5/29/2025	11:35 S	G	0	2	4 oz SK	X	-	-
9 GAC005291156-1CRS008	5/29/2025	11:30 S	G	0	2	4 oz SK	X	-	-
10 GAC005291156-1CRS005	5/28/2025	7:00 X	B	2	2	40 mL SK	-	X	-

Signature: *Sarah Krebsbach* Print Name: **Sarah Krebsbach** Company/Title: **Montrose** Date/Time: **5/29/25 10:00**

Received By: **AB** Date/Time: **5/30/25 7:35**

Received By: _____

Received By: _____

Received By: _____

Received By: _____

Received By: _____

GAC005291156-1CRS

Origins Laboratory

EHO

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Enthalpy Analytical - Denver		Lab No: ESE1037		Page: 2 of 3		Turn Around Time (rush by advanced notice only)			
1725 W. Elk Place, Denver, CO 80211 Phone 303-433-1322		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product O = Oil SD = Sediment T = Tissue WP = Wipe WW = Wastewater X = Other		Sample Type: C = Composite G = Grab or Discrete B = Blank O = Other		Preservatives: 0 = none 1 = Na ₂ SiO ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other			
CUSTOMER INFORMATION				PROJECT INFORMATION					
Company: CTEH Report To: Gregory Bishop, Kyle Lawrence, Eric Cullin, Andrew Herrick, Tom Madulin, Melissa Millerham Email: gregory.bishop@entech.com, kyle.lawrence@entech.com, eric.cullin@entech.com, andrew.herrick@entech.com, tom.madulin@entech.com, melissa.millerham@entech.com Address: 5120 Northshore Dr, North Little Rock, AR 72111 Phone: Billing Instruction: ctehlap@montrose-env.com				Name: PROJ-054017 Bishop Loss of Containment Number: P.O. #: Address: Galeton, CO Site Name: Global ID: Sampled By: Romo Plons				Analysis Request Table 915, minus Chromium VI VOCs B260D MS/MSD	
Sample ID	Sampling Date	Sampling Time (24 hr)	Sample Matrix Type	Pres. No.	Cont. Size	Cont. Initials	Test Instructions/Comments		
1 GAC005291156-1CRS009	5/29/2025	10:45 S	G	0	2 4 oz CG	X -			
2 GAC005291156-1CRS010	5/29/2025	10:55 S	G	0	2 4 oz CG	X -			
3 GAC005291156-1CRS011	5/29/2025	11:10 S	G	0	2 4 oz CG	X -			
4 GAC005291156-1CRS012	5/29/2025	10:45 S	G	0	2 4 oz CG	X -			
5 GAC005291156-1CRS013	5/29/2025	11:10 S	G	0	2 4 oz CG	X -			
6 GAC005291156-1CRS014	5/29/2025	10:45 S	G	0	2 4 oz CG	X -			
7 GAC005291156-1CRS014	5/29/2025	10:45 S	G	0	2 4 oz CG	X -			
8 GAC005291156-1CRS015	5/29/2025	11:15 S	G	0	2 4 oz CG	X -			
9 GAC005291156-1CRS016	5/29/2025	10:45 S	G	0	2 4 oz CG	X -			
10 GAC005291156-1CRS006	5/28/2025	7:00 X	B	2	40 mL CG	X -			
Relinquished By: Ran		Signature		Print Name		Company / Title			
Received By: MB				Romo Plons		CTEH			
Relinquished By:						Enthalpy			
Received By:						OS-29-25 18:00			
Relinquished By:						5/30/25 7:35			
Received By:									
Relinquished By:									
Received By:									


GAC005291156-1CRS

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

		Lab No: ESE1037 Page: 2 of 3		Turn Around Time (rustn by advanced notice only) Standard: 5 Day Custom TAT: ASAP			
Enthalpy Analytical - Denver 1725 W. Elk Place, Denver, CO 80211 Phone 303-433-1322		Matrix: A=Air S=Soil/Solid W=Water DW=Drinking Water P=Product O=Oil SD=Sediment T=Tissue WP=Wipe WW=Wastewater X=Other		Sample Type: C=Composite G=Grab or Discrete B=Blank O=Other Preservatives: 0=none 1=Na ₂ S ₂ O ₅ 2=HCl 3=HNO ₃ 4=H ₂ SO ₄ 5=NaOH 6=Other Sample Receipt Temp and Notes: 3.8°C / ice (Use only)			
CUSTOMER INFORMATION Company: CTEH Report To: Green Strip, Kyle Lawrence, Eric Calkins, Andrew Heasler, Tami Madelin, Heather Kitterman Email: greenstrip@enthalpy.com klawrence@enthalpy.com ecalkins@enthalpy.com amadelin@enthalpy.com tkitterman@enthalpy.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Global ID: Billing Instruction: ctehap@montrose-envy.com			PROJECT INFORMATION Name: PROJ-054017 Bishop Loss of Containment Number:				
Analysis Request Table 915, minus Chromium VI VOCs B260D MS/MSD			Test Instructions / Comments				
Sample ID	Sampling Date	Sampling Time (24 hr)	Sample Matrix Type	Pres. No.	Cont. Size	Cont. Initials	
1 GAC005291156-1CRS017	5/29/2025	10:50 S	G	0	4.02	RF	
2 GAC005291156-1CRS018	5/29/2025	11:00 S	G	0	4.02	RF	
3 GAC005291156-1CRS019	5/29/2025	11:00 S	G	0	4.02	RF	
4 GAC005291156-1CR1007	5/29/2025	7:00 X	B	2	40 mL	RF	
5							
6							
7							
8							
9							
10							
Relinquished By: <i>[Signature]</i>		Print Name: Ronno Froy		Company / Title: CTEH		Date / Time: 05-29-25 18:00	
Received By: AB		Print Name: AB		Company / Title: Enthalpy		Date / Time: 5/30/25 7:35	
Relinquished By:		Print Name:		Company / Title:		Date / Time:	
Received By:		Print Name:		Company / Title:		Date / Time:	

GAC005291156-1CRS

Origins Laboratory

EHO

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Origins Laboratory F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ESE1037 Client: CTEH
 Client Project ID: PROJ-054017

Checklist Completed by: NB/gm Shipped Via: HD
 Date/time completed: 5/30/25 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: _____

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 / 4.3 °C / _____ °C / _____ °C (Describe) _____ °C
 Thermometer ID: T007

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	Y			
Is there ice present (document if blue ice is used)	Y			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	X			
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		Y		
Were all samples received intact ⁽¹⁾ ?	Y	Y		sample 22-13 received with a broken jar lid
Was adequate sample volume provided ⁽¹⁾ ?	Y			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?			Y	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	Y			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	Y			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	Y			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	Y			
For volatiles in water – is there headspace (> ¼ inch bubble) present? if yes, contact client and note in narrative.			Y	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	Y			NC
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

EHO
Reviewed by (Project Manager)
5/30/25
Date/Time Reviewed

Origins Laboratory

EHO

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS001

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-01 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	3.69		0.100	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	72.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	108 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	96.2 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS001

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-01 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.82		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	7.08		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	0.003		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS001

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-01 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	105 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.0 %			60-130		"	"	"	

pH in Soil by 9045D

pH	9.24			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	6.45		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.55		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	5.64		0.271	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	99.7		76.7	"	"	"	"	"	
Cadmium	ND		0.355	"	"	"	"	"	
Copper	ND		43.0	"	"	"	"	"	
Lead	ND		13.1	"	"	"	"	"	
Nickel	ND		24.3	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS001

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-01 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.293		0.243	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.748	"	"	"	"	"	
Zinc	ND		346	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-02 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.00		0.100	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	74.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	108 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	100 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	113 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-02 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	0.760		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.021		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	0.023		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	0.022		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.027		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.028		0.020	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-02 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	104 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.5 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.87			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.218		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.282		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.62		0.258	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	109		73.1	"	"	"	"	"	
Cadmium	0.473		0.339	"	"	"	"	"	
Copper	ND		41.0	"	"	"	"	"	
Lead	27.6		12.5	"	"	"	"	"	
Nickel	ND		23.2	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS002
5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-02 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.284		0.232	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.713	"	"	"	"	"	
Zinc	ND		330	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-03 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.981		0.100	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	72.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	113 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	98.2 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	104 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-03 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	0.792		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.021		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.021		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.021		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	0.023		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.025		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.029		0.020	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-03 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	101 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	95.6 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.84			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.219		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.280		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.67		0.277	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		78.2	"	"	"	"	"	
Cadmium	ND		0.362	"	"	"	"	"	
Copper	ND		43.9	"	"	"	"	"	
Lead	20.5		13.4	"	"	"	"	"	
Nickel	ND		24.8	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC002

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-03 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	ND		0.248	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.763	"	"	"	"	"	
Zinc	ND		353	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS003

5/29/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-04 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.21		0.0999	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	73.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	125 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	101 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	104 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS003

5/29/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-04 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	2.61		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	1.20		0.823	"	"	"	"	"	
Sodium	1.51		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.008		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS003

5/29/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-04 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.0 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.56			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.09		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.884		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.87		0.255	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		72.0	"	"	"	"	"	
Cadmium	ND		0.334	"	"	"	"	"	
Copper	ND		40.4	"	"	"	"	"	
Lead	27.7		12.3	"	"	"	"	"	
Nickel	ND		22.8	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS003
5/29/2025 11:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-04 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.302		0.228	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.703	"	"	"	"	"	
Zinc	ND		325	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS004

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-05 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.60		0.0994	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	73.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	128 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	100 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	105 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS004

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-05 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.28		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	1.03		0.823	"	"	"	"	"	
Sodium	6.77		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.011		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS004

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-05 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.9 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.46			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	6.30		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.32		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.12		0.255	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		72.1	"	"	"	"	"	
Cadmium	ND		0.334	"	"	"	"	"	
Copper	ND		40.4	"	"	"	"	"	
Lead	14.7		12.3	"	"	"	"	"	
Nickel	ND		22.8	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS004

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-05 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.309		0.228	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.703	"	"	"	"	"	
Zinc	ND		325	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS005

5/29/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-06 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	3.56		0.0997	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	61.5 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	111 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	104 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	108 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS005

5/29/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-06 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	9.55		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	6.35		0.823	"	"	"	"	"	
Sodium	24.6		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS005

5/29/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-06 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.19			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	8.74		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.67		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.36		0.283	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	103		80.1	"	"	"	"	"	
Cadmium	ND		0.371	"	"	"	"	"	
Copper	ND		44.9	"	"	"	"	"	
Lead	ND		13.7	"	"	"	"	"	
Nickel	ND		25.4	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS005

5/29/2025 10:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-06 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.454		0.254	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.782	"	"	"	"	"	
Zinc	ND		361	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS006

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-07 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	2.83		0.100	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	71.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	06/01/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	113 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	97.6 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	113 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS006

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

**E5E1037-07 (Soil)
Origins Laboratory**

Metals by Saturated Paste by EPA 6010

Calcium	26.6		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	39.1		0.823	"	"	"	"	"	
Sodium	79.7		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS006

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

**E5E1037-07 (Soil)
Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	104 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	107 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.98			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	13.9		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	9.58		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	5.37		0.259	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	138		73.3	"	"	"	"	"	
Cadmium	0.380		0.339	"	"	"	"	"	
Copper	ND		41.1	"	"	"	"	"	
Lead	14.0		12.5	"	"	"	"	"	
Nickel	ND		23.2	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS006
5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-07 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.535		0.232	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.715	"	"	"	"	"	
Zinc	ND		331	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS007

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-08 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	2.08		0.0995	mg/L	1	B5E2949	05/29/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	72.5 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	130 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	99.4 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	104 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS007

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-08 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	2.11		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	2.02		0.823	"	"	"	"	"	
Sodium	2.43		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS007

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-08 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.1 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.37			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.69		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.858		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.83		0.247	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	94.6		69.8	"	"	"	"	"	
Cadmium	0.343		0.323	"	"	"	"	"	
Copper	ND		39.1	"	"	"	"	"	
Lead	12.3		11.9	"	"	"	"	"	
Nickel	ND		22.1	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS007

5/29/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-08 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.308		0.221	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.681	"	"	"	"	"	
Zinc	ND		315	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS008

5/29/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-09 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	7.62		0.100	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	57.9 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	112 %			70-130		"	"	"	
Surrogate: Toluene-d8	102 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %			70-130		"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS008

5/29/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-09 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	7.69		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	2.74		0.823	"	"	"	"	"	
Sodium	25.7		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS008

5/29/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-09 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	98.7 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.71			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	11.3		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	11.3		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.78		0.270	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		76.4	"	"	"	"	"	
Cadmium	ND		0.354	"	"	"	"	"	
Copper	ND		42.9	"	"	"	"	"	
Lead	ND		13.1	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS008

5/29/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-09 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Nickel	ND		24.2	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Selenium	0.296		0.242	"	"	"	"	"	
Silver	ND		0.746	"	"	"	"	"	
Zinc	ND		345	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT005

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-10 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
1,1,1-Trichloroethane	ND		1.00	"	"	"	"	"	U
1,1,2,2-Tetrachloroethane	ND		1.00	"	"	"	"	"	U
1,1,2-Trichloroethane	ND		1.00	"	"	"	"	"	U
1,1-Dichloroethane	ND		1.00	"	"	"	"	"	U
1,1-Dichloroethene	ND		1.00	"	"	"	"	"	U
1,1-Dichloropropene	ND		1.00	"	"	"	"	"	U
1,2,3-Trichlorobenzene	ND		5.00	"	"	"	"	"	U
1,2,3-Trichloropropane	ND		5.00	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND		5.00	"	"	"	"	"	U
1,2,4-Trimethylbenzene	ND		1.00	"	"	"	"	"	U
1,2-Dibromo-3-chloropropane	ND		5.00	"	"	"	"	"	U
1,2-Dibromoethane (EDB)	ND		1.50	"	"	"	"	"	U
1,2-Dichlorobenzene	ND		1.00	"	"	"	"	"	U
1,2-Dichloroethane	ND		1.00	"	"	"	"	"	U
1,2-Dichloropropane	ND		1.00	"	"	"	"	"	U
1,3,5-Trimethylbenzene	ND		1.00	"	"	"	"	"	U
1,3-Dichlorobenzene	ND		1.00	"	"	"	"	"	U
1,3-Dichloropropane	ND		1.00	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT005

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-10 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
1,4-Dichlorobenzene	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
2,2-Dichloropropane	ND		1.00	"	"	"	"	"	U
2-Butanone	ND		5.00	"	"	"	"	"	U
2-Chlorotoluene	ND		1.00	"	"	"	"	"	U
2-Hexanone	ND		6.00	"	"	"	"	"	U
4-Chlorotoluene	ND		1.00	"	"	"	"	"	U
4-Isopropyltoluene	ND		1.00	"	"	"	"	"	U
4-Methyl-2-pentanone	ND		5.00	"	"	"	"	"	U
Acetone	ND		8.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Bromobenzene	ND		1.00	"	"	"	"	"	U
Bromochloromethane	ND		1.00	"	"	"	"	"	U
Bromodichloromethane	ND		1.00	"	"	"	"	"	U
Bromoform	ND		1.00	"	"	"	"	"	U
Bromomethane	ND		1.00	"	"	"	"	"	U
Carbon disulfide	ND		5.00	"	"	"	"	"	U
Carbon tetrachloride	ND		1.00	"	"	"	"	"	U
Chlorobenzene	ND		1.00	"	"	"	"	"	U
Chloroethane	ND		1.00	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT005

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-10 (Water)
Origins Laboratory

VOC by EPA 8260D

Chloroform	ND	1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
Chloromethane	ND	1.00	"	"	"	"	"	U
cis-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	U
cis-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	U
Dibromochloromethane	ND	1.00	"	"	"	"	"	U
Dibromomethane	ND	1.00	"	"	"	"	"	U
Ethylbenzene	ND	1.00	"	"	"	"	"	U
Hexachlorobutadiene	ND	5.00	"	"	"	"	"	U
Iodomethane	ND	10.0	"	"	"	"	"	U
Isopropylbenzene	ND	1.00	"	"	"	"	"	U
Methylene Chloride	ND	15.0	"	"	"	"	"	U
Methyl tert-Butyl Ether	ND	1.00	"	"	"	"	"	U
Naphthalene	ND	4.00	"	"	"	"	"	U
n-Butylbenzene	ND	1.00	"	"	"	"	"	U
n-Propylbenzene	ND	1.00	"	"	"	"	"	U
sec-Butylbenzene	ND	1.00	"	"	"	"	"	U
Styrene	ND	1.00	"	"	"	"	"	U
tert-Butylbenzene	ND	1.00	"	"	"	"	"	U
Tetrachloroethene	ND	1.00	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT005

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-10 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
Toluene	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
trans-1,2-Dichloroethene	ND		1.00	"	"	"	"	"	U
trans-1,3-Dichloropropene	ND		1.00	"	"	"	"	"	U
Trichloroethene	ND		1.00	"	"	"	"	"	U
Trichlorofluoromethane	ND		1.00	"	"	"	"	"	U
Vinyl chloride	ND		1.00	"	"	"	"	"	U
o-Xylene	ND		1.00	"	"	"	"	"	U
m,p-Xylene	ND		2.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	112 %					"	"	"	
Surrogate: Toluene-d8	99.3 %					"	"	"	
Surrogate: 4-Bromofluorobenzene	87.6 %					"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS009

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-11 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.918		0.0997	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	85.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	113 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS009

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-11 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.23		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	5.20		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.033		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.027		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.026		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	0.040		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.050		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.052		0.020	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS009

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-11 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.6 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.93			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	5.64		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.950		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.65		0.258	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		72.9	"	"	"	"	"	
Cadmium	ND		0.338	"	"	"	"	"	
Copper	ND		40.9	"	"	"	"	"	
Lead	26.7		12.4	"	"	"	"	"	
Nickel	ND		23.1	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS009

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-11 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.277		0.231	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.711	"	"	"	"	"	
Zinc	ND		329	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS010

5/29/2025 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-12 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.955		0.100	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	70.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	114 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	102 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	106 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS010

5/29/2025 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-12 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	14.1		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	6.27		0.823	"	"	"	"	"	
Sodium	3.36		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.020		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.028		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.034		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	0.040		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.100		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	0.023		0.020	"	"	"	"	"	
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.077		0.020	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS010

5/29/2025 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-12 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.40			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.05		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.40		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	6.44		0.271	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		76.6	"	"	"	"	"	
Cadmium	ND		0.355	"	"	"	"	"	
Copper	ND		43.0	"	"	"	"	"	
Lead	28.8		13.1	"	"	"	"	"	
Nickel	ND		24.3	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS010
5/29/2025 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-12 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.596		0.243	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.747	"	"	"	"	"	
Zinc	ND		345	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS011

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-13 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.831		0.0998	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	75.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS011

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-13 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.97		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.47		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.022		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.022		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	0.022		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.033		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.032		0.020	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS011

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-13 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.9 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.05			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.24		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.454		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.00		0.271	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	82.9		76.8	"	"	"	"	"	
Cadmium	ND		0.356	"	"	"	"	"	
Copper	ND		43.1	"	"	"	"	"	
Lead	38.5		13.1	"	"	"	"	"	
Nickel	ND		24.3	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS011

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-13 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.385		0.243	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.749	"	"	"	"	"	
Zinc	ND		346	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS012

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-14 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	2.38		0.100	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	71.1 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	118 %			70-130		"	"	"	
Surrogate: Toluene-d8	103 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	99.8 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS012

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-14 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	0.604		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.991		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.007		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS012

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-14 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	104 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	101 %			60-130		"	"	"	
Surrogate: Pyrene-d10	104 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.0 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.63			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.53		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.323		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	6.03		0.243	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		68.8	"	"	"	"	"	
Cadmium	ND		0.319	"	"	"	"	"	
Copper	ND		38.6	"	"	"	"	"	
Lead	22.7		11.7	"	"	"	"	"	
Nickel	ND		21.8	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS012

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-14 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.235		0.218	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.671	"	"	"	"	"	
Zinc	ND		310	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS013

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-15 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.79		0.0998	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	06/02/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	71.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	122 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.8 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS013

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-15 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	8.51		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	4.33		0.823	"	"	"	"	"	
Sodium	1.63		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	0.074		0.020	"	"	"	"	"	
Benzo (a) anthracene	0.444		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.342		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.283		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	0.167		0.020	"	"	"	"	"	
Chrysene	0.375		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	0.056		0.020	"	"	"	"	"	
Fluoranthene	0.638		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	0.216		0.020	"	"	"	"	"	
Naphthalene	0.004		0.002	"	"	"	"	"	
Pyrene	0.521		0.020	"	"	"	"	"	

Surrogate: Fluorene-d10	104 %			60-130	"	"	"	"	"
-------------------------	-------	--	--	--------	---	---	---	---	---

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS013

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-15 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Anthracene-d10	101 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Pyrene-d10	100 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	95.3 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.69			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.642		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.25		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.95		0.275	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		77.9	"	"	"	"	"	
Cadmium	ND		0.361	"	"	"	"	"	
Copper	ND		43.7	"	"	"	"	"	
Lead	53.4		13.3	"	"	"	"	"	
Nickel	ND		24.7	"	"	"	"	"	
Selenium	0.297		0.247	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS013

5/29/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-15 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Silver	ND		0.760	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Zinc	ND		351	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-16 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.428		0.0995	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	71.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	123 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	98.4 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	102 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-16 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	2.48		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	0.846		0.823	"	"	"	"	"	
Sodium	1.03		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.013		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.020		0.020	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-16 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.3 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.86			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.798		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.396		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.40		0.249	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	79.7		70.5	"	"	"	"	"	
Cadmium	ND		0.327	"	"	"	"	"	
Copper	ND		39.6	"	"	"	"	"	
Lead	27.5		12.0	"	"	"	"	"	
Nickel	ND		22.4	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-16 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.293		0.224	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.688	"	"	"	"	"	
Zinc	ND		318	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-17 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.500		0.100	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	68.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	124 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	100 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	103 %			70-130		"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-17 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	4.27		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	1.43		0.823	"	"	"	"	"	
Sodium	1.45		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.010		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-17 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.3 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.92			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.862		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.469		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.82		0.262	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		74.0	"	"	"	"	"	
Cadmium	ND		0.343	"	"	"	"	"	
Copper	ND		41.5	"	"	"	"	"	
Lead	27.3		12.6	"	"	"	"	"	
Nickel	ND		23.5	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRC014

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-17 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.281		0.235	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.722	"	"	"	"	"	
Zinc	ND		334	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS015

5/29/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-18 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.261		0.100	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	69.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	128 %			70-130		"	"	"	
Surrogate: Toluene-d8	99.3 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS015

5/29/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-18 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.62		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.534		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.012		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.020	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS015

5/29/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-18 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.5 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.84			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.501		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.272		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.52		0.266	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	93.7		75.2	"	"	"	"	"	
Cadmium	ND		0.349	"	"	"	"	"	
Copper	ND		42.2	"	"	"	"	"	
Lead	24.0		12.8	"	"	"	"	"	
Nickel	ND		23.8	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS015
5/29/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-18 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.419		0.238	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.734	"	"	"	"	"	
Zinc	ND		339	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS016

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-19 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.40		0.0996	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	70.7 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	05/30/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	124 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	100 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	102 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS016

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-19 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.35		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.504		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.017		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.022		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.029		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.025		0.020	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS016

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-19 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	102 %			60-130		"	"	"	
Surrogate: Pyrene-d10	97.9 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %			60-130		"	"	"	

pH in Soil by 9045D

pH	8.11			pH Units	1	B5E3008	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.486		0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.590		0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.30		0.244	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Barium	ND		68.9	"	"	"	"	"	
Cadmium	ND		0.319	"	"	"	"	"	
Copper	ND		38.7	"	"	"	"	"	
Lead	21.4		11.8	"	"	"	"	"	
Nickel	ND		21.9	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS016

5/29/2025 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-19 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.279		0.219	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.672	"	"	"	"	"	
Zinc	ND		311	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT006

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-20 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
1,1,1-Trichloroethane	ND		1.00	"	"	"	"	"	U
1,1,2,2-Tetrachloroethane	ND		1.00	"	"	"	"	"	U
1,1,2-Trichloroethane	ND		1.00	"	"	"	"	"	U
1,1-Dichloroethane	ND		1.00	"	"	"	"	"	U
1,1-Dichloroethene	ND		1.00	"	"	"	"	"	U
1,1-Dichloropropene	ND		1.00	"	"	"	"	"	U
1,2,3-Trichlorobenzene	ND		5.00	"	"	"	"	"	U
1,2,3-Trichloropropane	ND		5.00	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND		5.00	"	"	"	"	"	U
1,2,4-Trimethylbenzene	ND		1.00	"	"	"	"	"	U
1,2-Dibromo-3-chloropropane	ND		5.00	"	"	"	"	"	U
1,2-Dibromoethane (EDB)	ND		1.50	"	"	"	"	"	U
1,2-Dichlorobenzene	ND		1.00	"	"	"	"	"	U
1,2-Dichloroethane	ND		1.00	"	"	"	"	"	U
1,2-Dichloropropane	ND		1.00	"	"	"	"	"	U
1,3,5-Trimethylbenzene	ND		1.00	"	"	"	"	"	U
1,3-Dichlorobenzene	ND		1.00	"	"	"	"	"	U
1,3-Dichloropropane	ND		1.00	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT006

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-20 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
1,4-Dichlorobenzene	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
2,2-Dichloropropane	ND		1.00	"	"	"	"	"	U
2-Butanone	ND		5.00	"	"	"	"	"	U
2-Chlorotoluene	ND		1.00	"	"	"	"	"	U
2-Hexanone	ND		6.00	"	"	"	"	"	U
4-Chlorotoluene	ND		1.00	"	"	"	"	"	U
4-Isopropyltoluene	ND		1.00	"	"	"	"	"	U
4-Methyl-2-pentanone	ND		5.00	"	"	"	"	"	U
Acetone	ND		8.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Bromobenzene	ND		1.00	"	"	"	"	"	U
Bromochloromethane	ND		1.00	"	"	"	"	"	U
Bromodichloromethane	ND		1.00	"	"	"	"	"	U
Bromoform	ND		1.00	"	"	"	"	"	U
Bromomethane	ND		1.00	"	"	"	"	"	U
Carbon disulfide	ND		5.00	"	"	"	"	"	U
Carbon tetrachloride	ND		1.00	"	"	"	"	"	U
Chlorobenzene	ND		1.00	"	"	"	"	"	U
Chloroethane	ND		1.00	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT006

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-20 (Water)
Origins Laboratory

VOC by EPA 8260D

Chloroform	ND	1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
Chloromethane	ND	1.00	"	"	"	"	"	U
cis-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	U
cis-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	U
Dibromochloromethane	ND	1.00	"	"	"	"	"	U
Dibromomethane	ND	1.00	"	"	"	"	"	U
Ethylbenzene	ND	1.00	"	"	"	"	"	U
Hexachlorobutadiene	ND	5.00	"	"	"	"	"	U
Iodomethane	ND	10.0	"	"	"	"	"	U
Isopropylbenzene	ND	1.00	"	"	"	"	"	U
Methylene Chloride	ND	15.0	"	"	"	"	"	U
Methyl tert-Butyl Ether	ND	1.00	"	"	"	"	"	U
Naphthalene	ND	4.00	"	"	"	"	"	U
n-Butylbenzene	ND	1.00	"	"	"	"	"	U
n-Propylbenzene	ND	1.00	"	"	"	"	"	U
sec-Butylbenzene	ND	1.00	"	"	"	"	"	U
Styrene	ND	1.00	"	"	"	"	"	U
tert-Butylbenzene	ND	1.00	"	"	"	"	"	U
Tetrachloroethene	ND	1.00	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT006
5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-20 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
Toluene	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
trans-1,2-Dichloroethene	ND		1.00	"	"	"	"	"	U
trans-1,3-Dichloropropene	ND		1.00	"	"	"	"	"	U
Trichloroethene	ND		1.00	"	"	"	"	"	U
Trichlorofluoromethane	ND		1.00	"	"	"	"	"	U
Vinyl chloride	ND		1.00	"	"	"	"	"	U
o-Xylene	ND		1.00	"	"	"	"	"	U
m,p-Xylene	ND		2.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	112 %					"	"	"	
Surrogate: Toluene-d8	98.1 %					"	"	"	
Surrogate: 4-Bromofluorobenzene	87.1 %					"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS017

5/29/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-21 (Soil)									
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	1.58		0.0994	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3018	05/30/2025	05/30/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	74.2 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3017	05/30/2025	06/01/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	104 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	97.4 %			70-130		"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	112 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS017

5/29/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-21 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.55		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	1.20		0.823	"	"	"	"	"	
Sodium	1.31		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	0.002		0.002	"	"	"	"	"	
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.039		0.005	"	"	"	"	"	
Benzo (a) pyrene	0.036		0.020	"	"	"	"	"	
Benzo (b) fluoranthene	0.030		0.020	"	"	"	"	"	
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	0.037		0.020	"	"	"	"	"	
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.067		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	0.021		0.020	"	"	"	"	"	
Naphthalene	0.003		0.002	"	"	"	"	"	
Pyrene	0.059		0.020	"	"	"	"	"	

Surrogate: Fluorene-d10	103 %			60-130	"	"	"	"
-------------------------	-------	--	--	--------	---	---	---	---

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS017

5/29/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-21 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Anthracene-d10	102 %		60-130	B5E3023	05/30/2025	05/30/2025
Surrogate: Pyrene-d10	101 %		60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	101 %		60-130	"	"	"

pH in Soil by 9045D

pH	7.97		pH Units	1	B5E3008	05/30/2025	06/03/2025
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	1.12	0.0100	SAR	1	B5E3005	05/30/2025	06/04/2025
-----	------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.861	0.00500	mmhos/cm	1	B5E3008	05/30/2025	06/03/2025
---------------------------	-------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	3.01	0.256	mg/kg	10	B5E3033	05/30/2025	06/02/2025
Barium	ND	72.5	"	"	"	"	"
Cadmium	ND	0.336	"	"	"	"	"
Copper	ND	40.7	"	"	"	"	"
Lead	39.3	12.4	"	"	"	"	"
Nickel	ND	23.0	"	"	"	"	"

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS017

5/29/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-21 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	ND		0.230	mg/kg	10	B5E3033	05/30/2025	06/02/2025	
Silver	ND		0.707	"	"	"	"	"	
Zinc	ND		327	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS018

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-22 (Soil) Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.591		0.0998	mg/L	1	B5E3002	05/30/2025	06/03/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3021	05/30/2025	05/31/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: <i>o</i> -Terphenyl	65.3 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3022	05/30/2025	05/31/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	124 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %			70-130		"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS018

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-22 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	1.60		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3023	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.013		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	0.031		0.020	"	"	"	"	"	
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	0.027		0.020	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS018

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-22 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Surrogate: Fluorene-d10	103 %			60-130		B5E3023	05/30/2025	05/30/2025	
Surrogate: Anthracene-d10	103 %			60-130		"	"	"	
Surrogate: Pyrene-d10	102 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.7 %			60-130		"	"	"	

pH in Soil by 9045D

pH	7.34			pH Units	1	B5E3009	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.333		0.0100	SAR	1	B5E3006	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.201		0.00500	mmhos/cm	1	B5E3009	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	4.06		0.275	mg/kg	10	B5E3045	05/30/2025	06/02/2025	
Barium	90.8		77.9	"	"	"	"	"	
Cadmium	0.433		0.361	"	"	"	"	"	
Copper	ND		43.7	"	"	"	"	"	
Lead	40.0		13.3	"	"	"	"	"	
Nickel	ND		24.7	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS018

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-22 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Selenium	0.383		0.247	mg/kg	10	B5E3045	05/30/2025	06/02/2025	
Silver	ND		0.760	"	"	"	"	"	
Zinc	ND		351	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

GACO0529T156-1CRS019

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

**E5E1037-23 (Soil)
Origins Laboratory**

Boron (DTPA Sorbitol)

Boron	ND		0.0999	mg/L	1	B5E3002	05/30/2025	06/03/2025	
-------	----	--	--------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5E3021	05/30/2025	05/31/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	65.7 %			50-150		"	"	"	
------------------------	--------	--	--	--------	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5E3022	05/30/2025	05/31/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	121 %			70-130		"	"	"	
Surrogate: Toluene-d8	101 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	98.4 %			70-130		"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS019

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-23 (Soil)
Origins Laboratory

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	05/30/2025	06/04/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND		0.002	mg/kg	1	B5E3025	05/30/2025	05/30/2025	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.020	"	"	"	"	"	U
Anthracene	ND		0.020	"	"	"	"	"	U
Benzo (a) anthracene	0.009		0.005	"	"	"	"	"	
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U
Fluorene	ND		0.020	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS019

5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-23 (Soil)
Origins Laboratory

PAH by EPA 8270E extracted via 3580A

Pyrene	ND		0.020	mg/kg	1	B5E3025	05/30/2025	05/30/2025	U
Surrogate: Fluorene-d10	97.1 %			60-130		"	"	"	
Surrogate: Anthracene-d10	93.4 %			60-130		"	"	"	
Surrogate: Pyrene-d10	95.2 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %			60-130		"	"	"	

pH in Soil by 9045D

pH	5.85			pH Units	1	B5E3009	05/30/2025	06/03/2025	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.799		0.0100	SAR	1	B5E3006	05/30/2025	06/04/2025	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.228		0.00500	mmhos/cm	1	B5E3009	05/30/2025	06/03/2025	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.75		0.267	mg/kg	10	B5E3045	05/30/2025	06/02/2025	
Barium	ND		75.4	"	"	"	"	"	
Cadmium	ND		0.349	"	"	"	"	"	
Copper	ND		42.3	"	"	"	"	"	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRS019
5/29/2025 11:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-23 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Lead	30.0		12.9	mg/kg	10	B5E3045	05/30/2025	06/02/2025	
Nickel	ND		23.9	"	"	"	"	"	
Selenium	ND		0.239	"	"	"	"	"	
Silver	ND		0.736	"	"	"	"	"	
Zinc	ND		340	"	"	"	"	"	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT007

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-24 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
1,1,1,2-Tetrachloroethane	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
1,1,1-Trichloroethane	ND		1.00	"	"	"	"	"	U
1,1,2,2-Tetrachloroethane	ND		1.00	"	"	"	"	"	U
1,1,2-Trichloroethane	ND		1.00	"	"	"	"	"	U
1,1-Dichloroethane	ND		1.00	"	"	"	"	"	U
1,1-Dichloroethene	ND		1.00	"	"	"	"	"	U
1,1-Dichloropropene	ND		1.00	"	"	"	"	"	U
1,2,3-Trichlorobenzene	ND		5.00	"	"	"	"	"	U
1,2,3-Trichloropropane	ND		5.00	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND		5.00	"	"	"	"	"	U
1,2,4-Trimethylbenzene	ND		1.00	"	"	"	"	"	U
1,2-Dibromo-3-chloropropane	ND		5.00	"	"	"	"	"	U
1,2-Dibromoethane (EDB)	ND		1.50	"	"	"	"	"	U
1,2-Dichlorobenzene	ND		1.00	"	"	"	"	"	U
1,2-Dichloroethane	ND		1.00	"	"	"	"	"	U
1,2-Dichloropropane	ND		1.00	"	"	"	"	"	U
1,3,5-Trimethylbenzene	ND		1.00	"	"	"	"	"	U
1,3-Dichlorobenzene	ND		1.00	"	"	"	"	"	U
1,3-Dichloropropane	ND		1.00	"	"	"	"	"	U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT007

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E1037-24 (Water)									
Origins Laboratory									
VOC by EPA 8260D									
1,4-Dichlorobenzene	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
2,2-Dichloropropane	ND		1.00	"	"	"	"	"	U
2-Butanone	ND		5.00	"	"	"	"	"	U
2-Chlorotoluene	ND		1.00	"	"	"	"	"	U
2-Hexanone	ND		6.00	"	"	"	"	"	U
4-Chlorotoluene	ND		1.00	"	"	"	"	"	U
4-Isopropyltoluene	ND		1.00	"	"	"	"	"	U
4-Methyl-2-pentanone	ND		5.00	"	"	"	"	"	U
Acetone	ND		8.00	"	"	"	"	"	U
Benzene	ND		1.00	"	"	"	"	"	U
Bromobenzene	ND		1.00	"	"	"	"	"	U
Bromochloromethane	ND		1.00	"	"	"	"	"	U
Bromodichloromethane	ND		1.00	"	"	"	"	"	U
Bromoform	ND		1.00	"	"	"	"	"	U
Bromomethane	ND		1.00	"	"	"	"	"	U
Carbon disulfide	ND		5.00	"	"	"	"	"	U
Carbon tetrachloride	ND		1.00	"	"	"	"	"	U
Chlorobenzene	ND		1.00	"	"	"	"	"	U
Chloroethane	ND		1.00	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT007

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-24 (Water)
Origins Laboratory

VOC by EPA 8260D

Chloroform	ND	1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
Chloromethane	ND	1.00	"	"	"	"	"	U
cis-1,2-Dichloroethene	ND	1.00	"	"	"	"	"	U
cis-1,3-Dichloropropene	ND	1.00	"	"	"	"	"	U
Dibromochloromethane	ND	1.00	"	"	"	"	"	U
Dibromomethane	ND	1.00	"	"	"	"	"	U
Ethylbenzene	ND	1.00	"	"	"	"	"	U
Hexachlorobutadiene	ND	5.00	"	"	"	"	"	U
Iodomethane	ND	10.0	"	"	"	"	"	U
Isopropylbenzene	ND	1.00	"	"	"	"	"	U
Methylene Chloride	ND	15.0	"	"	"	"	"	U
Methyl tert-Butyl Ether	ND	1.00	"	"	"	"	"	U
Naphthalene	ND	4.00	"	"	"	"	"	U
n-Butylbenzene	ND	1.00	"	"	"	"	"	U
n-Propylbenzene	ND	1.00	"	"	"	"	"	U
sec-Butylbenzene	ND	1.00	"	"	"	"	"	U
Styrene	ND	1.00	"	"	"	"	"	U
tert-Butylbenzene	ND	1.00	"	"	"	"	"	U
Tetrachloroethene	ND	1.00	"	"	"	"	"	U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

GACO0529T156-1CRT007

5/29/2025 7:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	-----------------	-----------------	-------	----------	-------	----------	----------	-------

E5E1037-24 (Water)
Origins Laboratory

VOC by EPA 8260D

Toluene	ND		1.00	ug/L	1	B5E3016	05/30/2025	05/31/2025	U
trans-1,2-Dichloroethene	ND		1.00	"	"	"	"	"	U
trans-1,3-Dichloropropene	ND		1.00	"	"	"	"	"	U
Trichloroethene	ND		1.00	"	"	"	"	"	U
Trichlorofluoromethane	ND		1.00	"	"	"	"	"	U
Vinyl chloride	ND		1.00	"	"	"	"	"	U
o-Xylene	ND		1.00	"	"	"	"	"	U
m,p-Xylene	ND		2.00	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	114 %								
Surrogate: Toluene-d8	99.7 %				70-130				
Surrogate: 4-Bromofluorobenzene	85.2 %				70-130				

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E2949 - DTPA Sorbitol Preparation										
Blank (B5E2949-BLK1)					Prepared: 05/29/2025 Analyzed: 06/03/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5E2949-DUP1)		Source: E5E1037-06			Prepared: 05/29/2025 Analyzed: 06/03/2025					
Boron	3.61	0.0998	mg/L		3.56			1.46	50	
Batch B5E3002 - DTPA Sorbitol Preparation										
Blank (B5E3002-BLK1)					Prepared: 05/30/2025 Analyzed: 06/03/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5E3002-DUP1)		Source: E5E1024-01			Prepared: 05/30/2025 Analyzed: 06/03/2025					
Boron	0.212	0.101	mg/L		0.211			0.323	50	
Batch B5E3005 - Saturated Paste Metals										
Blank (B5E3005-BLK1)					Prepared: 05/30/2025 Analyzed: 06/04/2025					
SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
Duplicate (B5E3005-DUP1)		Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 06/04/2025					
Calcium PPM	271	10.0	mg/L		191			34.3	50	
SAR	ND	0.0100	SAR		8.74				200	
Magnesium PPM	107	10.0	mg/L		77.2			32.3	50	
Sodium PPM	695	10.0	"		567			20.4	50	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3006 - Saturated Paste Metals

Blank (B5E3006-BLK1)

Prepared: 05/30/2025 Analyzed: 06/04/2025

SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							

Duplicate (B5E3006-DUP1)

Source: E5E0739-01

Prepared: 05/30/2025 Analyzed: 06/04/2025

Calcium PPM	31.5	10.0	mg/L		38.1			18.8	50	
SAR	ND	0.0100	SAR		0.121				200	
Magnesium PPM	9.96	10.0	mg/L		11.2			11.4	50	
Sodium PPM	2.69	10.0	"		3.30			20.4	50	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3023 - EPA 3580

Blank (B5E3023-BLK1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	210		ug/kg	200		105	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	210		"	200		106	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.8	60-130			

LCS (B5E3023-BS1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

1-Methylnaphthalene	0.223	0.002	mg/kg	0.200		112	70-130			
2-Methylnaphthalene	0.223	0.002	"	0.200		112	70-130			
Acenaphthene	0.231	0.020	"	0.200		115	70-130			
Anthracene	0.232	0.020	"	0.200		116	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3023 - EPA 3580

LCS (B5E3023-BS1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

Benzo (a) anthracene	0.250	0.005	mg/kg	0.200		125	70-130			
Benzo (a) pyrene	0.221	0.020	"	0.200		110	70-130			
Benzo (b) fluoranthene	0.212	0.020	"	0.200		106	70-130			
Benzo (g,h,i) perylene	0.197	0.020	"	0.200		98.4	70-130			
Benzo (k) fluoranthene	0.197	0.020	"	0.200		98.5	70-130			
Chrysene	0.233	0.020	"	0.200		117	70-130			
Dibenz (a,h) anthracene	0.238	0.020	"	0.200		119	70-130			
Fluoranthene	0.232	0.020	"	0.200		116	70-130			
Fluorene	0.236	0.020	"	0.200		118	70-130			
Indeno (1,2,3-cd) pyrene	0.233	0.020	"	0.200		116	70-130			
Naphthalene	0.226	0.002	"	0.200		113	70-130			
Phenanthrene	0.234	0.020	"	0.200		117	70-130			
Pyrene	0.246	0.020	"	0.200		123	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	200		"	200		101	60-130			
Surrogate: Pyrene-d10	210		"	200		106	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.2	60-130			

Matrix Spike (B5E3023-MS1)

Source: E5E1037-06

Prepared: 05/30/2025 Analyzed: 05/30/2025

1-Methylnaphthalene	0.234	0.002	mg/kg	0.200	ND	117	70-130			
2-Methylnaphthalene	0.234	0.002	"	0.200	ND	117	70-130			
Acenaphthene	0.240	0.020	"	0.200	0.0008	120	70-130			
Anthracene	0.241	0.020	"	0.200	0.0007	120	70-130			
Benzo (a) anthracene	0.259	0.005	"	0.200	0.004	128	70-130			
Benzo (a) pyrene	0.261	0.020	"	0.200	0.010	125	70-130			
Benzo (b) fluoranthene	0.215	0.020	"	0.200	0.004	105	70-130			
Benzo (g,h,i) perylene	0.200	0.020	"	0.200	0.003	98.3	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3023 - EPA 3580

Matrix Spike (B5E3023-MS1)	Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 05/30/2025						
Benzo (k) fluoranthene	0.219	0.020	mg/kg	0.200	0.002	108	70-130			
Chrysene	0.233	0.020	"	0.200	0.007	113	70-130			
Dibenz (a,h) anthracene	0.246	0.020	"	0.200	ND	123	70-130			
Fluoranthene	0.253	0.020	"	0.200	0.006	124	70-130			
Fluorene	0.244	0.020	"	0.200	ND	122	70-130			
Indeno (1,2,3-cd) pyrene	0.238	0.020	"	0.200	0.003	117	70-130			
Naphthalene	0.236	0.002	"	0.200	ND	118	70-130			
Phenanthrene	0.247	0.020	"	0.200	0.001	123	70-130			
Pyrene	0.254	0.020	"	0.200	0.006	124	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	200		"	200		101	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike Dup (B5E3023-MSD1)	Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 05/30/2025						
1-Methylnaphthalene	0.239	0.002	mg/kg	0.200	ND	119	70-130	2.23	20	
2-Methylnaphthalene	0.239	0.002	"	0.200	ND	119	70-130	2.06	20	
Acenaphthene	0.246	0.020	"	0.200	0.0008	122	70-130	2.32	20	
Anthracene	0.251	0.020	"	0.200	0.0007	125	70-130	4.01	20	
Benzo (a) anthracene	0.260	0.005	"	0.200	0.004	128	70-130	0.373	20	
Benzo (a) pyrene	0.270	0.020	"	0.200	0.010	130	70-130	3.42	20	
Benzo (b) fluoranthene	0.214	0.020	"	0.200	0.004	105	70-130	0.0305	20	
Benzo (g,h,i) perylene	0.196	0.020	"	0.200	0.003	96.4	70-130	1.91	20	
Benzo (k) fluoranthene	0.209	0.020	"	0.200	0.002	104	70-130	4.26	20	
Chrysene	0.246	0.020	"	0.200	0.007	120	70-130	5.51	20	
Dibenz (a,h) anthracene	0.249	0.020	"	0.200	ND	124	70-130	0.985	20	
Fluoranthene	0.252	0.020	"	0.200	0.006	123	70-130	0.654	20	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3023 - EPA 3580

Matrix Spike Dup (B5E3023-MSD1)	Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 05/30/2025						
Fluorene	0.249	0.020	mg/kg	0.200	ND	124	70-130	2.02	20	
Indeno (1,2,3-cd) pyrene	0.239	0.020	"	0.200	0.003	118	70-130	0.487	20	
Naphthalene	0.239	0.002	"	0.200	ND	120	70-130	1.37	20	
Phenanthrene	0.246	0.020	"	0.200	0.001	123	70-130	0.212	20	
Pyrene	0.251	0.020	"	0.200	0.006	122	70-130	1.14	20	
Surrogate: Fluorene-d10	210		ug/kg	200		104	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	200		"	200		99.7	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Batch B5E3025 - EPA 3580

Blank (B5E3025-BLK1)	Prepared: 05/30/2025 Analyzed: 05/30/2025									
1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3025 - EPA 3580

Blank (B5E3025-BLK1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

Naphthalene	ND	0.002	mg/kg							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		97.9	60-130			
Surrogate: Anthracene-d10	190		"	200		93.6	60-130			
Surrogate: Pyrene-d10	200		"	200		98.4	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.6	60-130			

LCS (B5E3025-BS1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

1-Methylnaphthalene	0.228	0.002	mg/kg	0.200		114	70-130			
2-Methylnaphthalene	0.228	0.002	"	0.200		114	70-130			
Acenaphthene	0.225	0.020	"	0.200		113	70-130			
Anthracene	0.213	0.020	"	0.200		106	70-130			
Benzo (a) anthracene	0.235	0.005	"	0.200		117	70-130			
Benzo (a) pyrene	0.229	0.020	"	0.200		114	70-130			
Benzo (b) fluoranthene	0.226	0.020	"	0.200		113	70-130			
Benzo (g,h,i) perylene	0.233	0.020	"	0.200		117	70-130			
Benzo (k) fluoranthene	0.222	0.020	"	0.200		111	70-130			
Chrysene	0.224	0.020	"	0.200		112	70-130			
Dibenz (a,h) anthracene	0.228	0.020	"	0.200		114	70-130			
Fluoranthene	0.225	0.020	"	0.200		113	70-130			
Fluorene	0.225	0.020	"	0.200		112	70-130			
Indeno (1,2,3-cd) pyrene	0.228	0.020	"	0.200		114	70-130			
Naphthalene	0.225	0.002	"	0.200		113	70-130			
Phenanthrene	0.214	0.020	"	0.200		107	70-130			
Pyrene	0.224	0.020	"	0.200		112	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		98.4	60-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3025 - EPA 3580

LCS (B5E3025-BS1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

Surrogate: Anthracene-d10	190		ug/kg	200		93.0	60-130		
Surrogate: Pyrene-d10	190		"	200		97.0	60-130		
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130		

Matrix Spike (B5E3025-MS1)

Source: E5E1035-01

Prepared: 05/30/2025 Analyzed: 05/30/2025

1-Methylnaphthalene	0.213	0.002	mg/kg	0.200	0.002	106	70-130		
2-Methylnaphthalene	0.212	0.002	"	0.200	ND	106	70-130		
Acenaphthene	0.209	0.020	"	0.200	ND	105	70-130		
Anthracene	0.196	0.020	"	0.200	0.0005	97.6	70-130		
Benzo (a) anthracene	0.202	0.005	"	0.200	0.002	100	70-130		
Benzo (a) pyrene	0.215	0.020	"	0.200	0.003	106	70-130		
Benzo (b) fluoranthene	0.219	0.020	"	0.200	0.002	109	70-130		
Benzo (g,h,i) perylene	0.215	0.020	"	0.200	0.001	107	70-130		
Benzo (k) fluoranthene	0.209	0.020	"	0.200	0.002	104	70-130		
Chrysene	0.199	0.020	"	0.200	0.002	98.1	70-130		
Dibenz (a,h) anthracene	0.209	0.020	"	0.200	0.002	104	70-130		
Fluoranthene	0.204	0.020	"	0.200	0.002	101	70-130		
Fluorene	0.206	0.020	"	0.200	ND	103	70-130		
Indeno (1,2,3-cd) pyrene	0.206	0.020	"	0.200	0.002	102	70-130		
Naphthalene	0.210	0.002	"	0.200	ND	105	70-130		
Phenanthrene	0.197	0.020	"	0.200	0.002	97.8	70-130		
Pyrene	0.202	0.020	"	0.200	0.002	100	70-130		

Surrogate: Fluorene-d10	200		ug/kg	200		97.9	60-130		
Surrogate: Anthracene-d10	190		"	200		93.6	60-130		
Surrogate: Pyrene-d10	190		"	200		96.8	60-130		
Surrogate: Benzo (a) pyrene-d12	210		"	200		105	60-130		

Matrix Spike Dup (B5E3025-MSD1)

Source: E5E1035-01

Prepared: 05/30/2025 Analyzed: 05/30/2025

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3025 - EPA 3580										
1-Methylnaphthalene	0.206	0.002	mg/kg	0.200	0.002	102	70-130	3.43	20	
2-Methylnaphthalene	0.207	0.002	"	0.200	ND	103	70-130	2.29	20	
Acenaphthene	0.210	0.020	"	0.200	ND	105	70-130	0.0609	20	
Anthracene	0.192	0.020	"	0.200	0.0005	95.7	70-130	2.00	20	
Benzo (a) anthracene	0.205	0.005	"	0.200	0.002	101	70-130	1.08	20	
Benzo (a) pyrene	0.210	0.020	"	0.200	0.003	104	70-130	2.33	20	
Benzo (b) fluoranthene	0.213	0.020	"	0.200	0.002	105	70-130	2.86	20	
Benzo (g,h,i) perylene	0.212	0.020	"	0.200	0.001	105	70-130	1.29	20	
Benzo (k) fluoranthene	0.186	0.020	"	0.200	0.002	92.1	70-130	11.6	20	
Chrysene	0.199	0.020	"	0.200	0.002	98.1	70-130	0.00756	20	
Dibenz (a,h) anthracene	0.207	0.020	"	0.200	0.002	103	70-130	0.876	20	
Fluoranthene	0.206	0.020	"	0.200	0.002	102	70-130	1.36	20	
Fluorene	0.198	0.020	"	0.200	ND	99.2	70-130	3.66	20	
Indeno (1,2,3-cd) pyrene	0.200	0.020	"	0.200	0.002	98.9	70-130	2.97	20	
Naphthalene	0.211	0.002	"	0.200	ND	106	70-130	0.705	20	
Phenanthrene	0.195	0.020	"	0.200	0.002	96.6	70-130	1.25	20	
Pyrene	0.205	0.020	"	0.200	0.002	102	70-130	1.54	20	
Surrogate: Fluorene-d10	190		ug/kg	200		92.7	60-130			
Surrogate: Anthracene-d10	180		"	200		92.4	60-130			
Surrogate: Pyrene-d10	200		"	200		98.0	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3018 - EPA 3550B

Blank (B5E3018-BLK1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U

Surrogate: o-Terphenyl	17		"	24.9		70.3	50-150			
------------------------	----	--	---	------	--	------	--------	--	--	--

LCS (B5E3018-BS1)

Prepared: 05/30/2025 Analyzed: 05/30/2025

Diesel (C10-C28)	930	50.0	mg/kg	1000		93.0	70-130			
Residual Range Organics (C28-C40)	967	200	"	1000		96.7	70-130			

Surrogate: o-Terphenyl	45		"	49.8		90.6	50-150			
------------------------	----	--	---	------	--	------	--------	--	--	--

Matrix Spike (B5E3018-MS1)

Source: E5E1037-06

Prepared: 05/30/2025 Analyzed: 05/30/2025

Diesel (C10-C28)	996	50.0	mg/kg	1000	ND	99.6	70-130			
Residual Range Organics (C28-C40)	1080	200	"	1000	ND	108	70-130			

Surrogate: o-Terphenyl	43		"	49.8		86.8	50-150			
------------------------	----	--	---	------	--	------	--------	--	--	--

Matrix Spike Dup (B5E3018-MSD1)

Source: E5E1037-06

Prepared: 05/30/2025 Analyzed: 05/30/2025

Diesel (C10-C28)	999	50.0	mg/kg	1000	ND	99.9	70-130	0.322	35	
Residual Range Organics (C28-C40)	1090	200	"	1000	ND	109	70-130	1.27	35	

Surrogate: o-Terphenyl	43		"	49.8		85.5	50-150			
------------------------	----	--	---	------	--	------	--------	--	--	--

Batch B5E3021 - EPA 3550B

Blank (B5E3021-BLK1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U

Surrogate: o-Terphenyl	19		"	24.9		74.6	50-150			
------------------------	----	--	---	------	--	------	--------	--	--	--

LCS (B5E3021-BS1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

Diesel (C10-C28)	962	50.0	mg/kg	1000		96.2	70-130			
------------------	-----	------	-------	------	--	------	--------	--	--	--

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3021 - EPA 3550B										
LCS (B5E3021-BS1)					Prepared: 05/30/2025 Analyzed: 05/31/2025					
Residual Range Organics (C28-C40)	1070	200	mg/kg	1000		107	70-130			
Surrogate: o-Terphenyl	43		"	49.8		85.9	50-150			
Matrix Spike (B5E3021-MS1)		Source: E5E1037-22			Prepared: 05/30/2025 Analyzed: 05/31/2025					
Diesel (C10-C28)	988	50.0	mg/kg	1000	ND	98.8	70-130			
Residual Range Organics (C28-C40)	1110	200	"	1000	ND	111	70-130			
Surrogate: o-Terphenyl	43		"	49.8		87.3	50-150			
Matrix Spike Dup (B5E3021-MSD1)		Source: E5E1037-22			Prepared: 05/30/2025 Analyzed: 05/31/2025					
Diesel (C10-C28)	977	50.0	mg/kg	1000	ND	97.7	70-130	1.14	35	
Residual Range Organics (C28-C40)	1110	200	"	1000	ND	111	70-130	0.107	35	
Surrogate: o-Terphenyl	46		"	49.8		91.8	50-150			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3033 - EPA 3050B

Blank (B5E3033-BLK1)

Prepared: 05/30/2025 Analyzed: 06/02/2025

Arsenic	ND	0.290	mg/kg
Barium	ND	82.0	"
Cadmium	ND	0.380	"
Copper	ND	46.0	"
Lead	ND	14.0	"
Nickel	ND	26.0	"
Selenium	ND	0.260	"
Silver	ND	0.800	"
Zinc	ND	370	"

LCS (B5E3033-BS1)

Prepared: 05/30/2025 Analyzed: 06/02/2025

Arsenic	5.51	0.290	mg/kg	5.00	110	80-120
Barium	574	82.0	"	500	115	80-120
Cadmium	5.57	0.380	"	5.00	111	80-120
Copper	54.0	46.0	"	50.0	108	80-120
Lead	5.37	14.0	"	5.00	107	80-120
Nickel	5.46	26.0	"	5.00	109	80-120
Selenium	5.63	0.260	"	5.00	113	80-120
Silver	5.77	0.800	"	5.00	115	80-120
Zinc	53.1	370	"	50.0	106	80-120

Matrix Spike (B5E3033-MS1)

Source: E5E1037-06

Prepared: 05/30/2025 Analyzed: 06/02/2025

Arsenic	9.93	0.255	mg/kg	4.40	4.36	126	75-125	QM-07
Barium	622	72.2	"	440	103	118	75-125	
Cadmium	4.91	0.335	"	4.40	0.262	105	75-125	
Copper	62.8	40.5	"	44.0	9.74	120	75-125	
Lead	16.6	12.3	"	4.40	11.1	125	75-125	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3033 - EPA 3050B										
Matrix Spike (B5E3033-MS1)			Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 06/02/2025				
Nickel	15.9	22.9	mg/kg	4.40	10.1	132	75-125			QM-07
Selenium	5.38	0.229	"	4.40	0.454	112	75-125			
Silver	4.83	0.704	"	4.40	ND	110	75-125			
Zinc	115	326	"	44.0	56.9	132	75-125			QM-07
Matrix Spike Dup (B5E3033-MSD1)			Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 06/02/2025				
Arsenic	10.6	0.258	mg/kg	4.44	4.36	141	75-125	6.76	20	QM-07
Barium	661	72.9	"	444	103	126	75-125	5.96	20	QM-07
Cadmium	5.48	0.338	"	4.44	0.262	118	75-125	11.1	20	
Copper	62.7	40.9	"	44.4	9.74	119	75-125	0.0197	20	
Lead	17.6	12.4	"	4.44	11.1	146	75-125	5.74	20	QM-07
Nickel	16.4	23.1	"	4.44	10.1	142	75-125	3.19	20	QM-07
Selenium	5.40	0.231	"	4.44	0.454	111	75-125	0.229	20	
Silver	5.40	0.711	"	4.44	ND	122	75-125	11.2	20	
Zinc	116	329	"	44.4	56.9	133	75-125	1.02	20	QM-07
Batch B5E3045 - EPA 3050B										
Blank (B5E3045-BLK1)			Prepared: 05/30/2025 Analyzed: 06/02/2025							
Arsenic	ND	0.290	mg/kg							
Barium	ND	82.0	"							
Cadmium	ND	0.380	"							
Copper	ND	46.0	"							
Lead	ND	14.0	"							
Nickel	ND	26.0	"							
Selenium	ND	0.260	"							
Silver	ND	0.800	"							

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3045 - EPA 3050B										
Blank (B5E3045-BLK1)					Prepared: 05/30/2025 Analyzed: 06/02/2025					
Zinc	ND	370	mg/kg							
LCS (B5E3045-BS1)					Prepared: 05/30/2025 Analyzed: 06/02/2025					
Arsenic	5.15	0.290	mg/kg	5.00		103	80-120			
Barium	477	82.0	"	500		95.5	80-120			
Cadmium	5.00	0.380	"	5.00		99.9	80-120			
Copper	50.1	46.0	"	50.0		100	80-120			
Lead	4.60	14.0	"	5.00		91.9	80-120			
Nickel	5.16	26.0	"	5.00		103	80-120			
Selenium	5.14	0.260	"	5.00		103	80-120			
Silver	4.85	0.800	"	5.00		97.0	80-120			
Zinc	50.7	370	"	50.0		101	80-120			
Matrix Spike (B5E3045-MS1)		Source: E5E1058-01			Prepared: 05/30/2025 Analyzed: 06/02/2025					
Arsenic	8.38	0.265	mg/kg	4.56	3.11	115	75-125			
Barium	561	74.8	"	456	53.5	111	75-125			
Cadmium	5.07	0.347	"	4.56	0.104	109	75-125			
Copper	54.5	42.0	"	45.6	6.97	104	75-125			
Lead	10.9	12.8	"	4.56	6.43	97.8	75-125			
Nickel	13.6	23.7	"	4.56	8.08	121	75-125			
Selenium	4.67	0.237	"	4.56	0.120	99.6	75-125			
Silver	4.95	0.730	"	4.56	0.0172	108	75-125			
Zinc	76.1	338	"	45.6	28.4	104	75-125			
Matrix Spike Dup (B5E3045-MSD1)		Source: E5E1058-01			Prepared: 05/30/2025 Analyzed: 06/02/2025					
Arsenic	8.41	0.259	mg/kg	4.47	3.11	119	75-125	0.386	20	
Barium	545	73.3	"	447	53.5	110	75-125	2.88	20	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3045 - EPA 3050B

Matrix Spike Dup (B5E3045-MSD1)	Source: E5E1058-01			Prepared: 05/30/2025 Analyzed: 06/02/2025						
Cadmium	5.08	0.340	mg/kg	4.47	0.104	111	75-125	0.0409	20	
Copper	51.9	41.1	"	44.7	6.97	101	75-125	4.82	20	
Lead	10.2	12.5	"	4.47	6.43	84.5	75-125	6.51	20	
Nickel	12.9	23.2	"	4.47	8.08	108	75-125	5.04	20	
Selenium	4.58	0.232	"	4.47	0.120	99.7	75-125	1.94	20	
Silver	4.77	0.715	"	4.47	0.0172	106	75-125	3.82	20	
Zinc	72.2	331	"	44.7	28.4	98.0	75-125	5.24	20	

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3008 - Saturated Paste pH/EC

Blank (B5E3008-BLK1)

Prepared: 05/30/2025 Analyzed: 06/03/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5E3008-DUP1)

Source: E5E1037-06

Prepared: 05/30/2025 Analyzed: 06/03/2025

pH 8.11 pH Units 8.19 0.982 25

Specific Conductance (EC) 4.75 0.00500 mmhos/cm 4.67 1.60 25

Batch B5E3009 - Saturated Paste pH/EC

Blank (B5E3009-BLK1)

Prepared: 05/30/2025 Analyzed: 06/03/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5E3009-DUP1)

Source: E5E0739-01

Prepared: 05/30/2025 Analyzed: 06/03/2025

pH 8.34 pH Units 8.34 0.00 25

Specific Conductance (EC) 0.289 0.00500 mmhos/cm 0.312 7.68 25

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Blank (B5E3016-BLK1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

1,1,1,2-Tetrachloroethane	ND	1.00	ug/L							U
1,1,1-Trichloroethane	ND	1.00	"							U
1,1,2,2-Tetrachloroethane	ND	1.00	"							U
1,1,2-Trichloroethane	ND	1.00	"							U
1,1-Dichloroethane	ND	1.00	"							U
1,1-Dichloroethene	ND	1.00	"							U
1,1-Dichloropropene	ND	1.00	"							U
1,2,3-Trichlorobenzene	ND	5.00	"							U
1,2,3-Trichloropropane	ND	5.00	"							U
1,2,4-Trichlorobenzene	ND	5.00	"							U
1,2,4-Trimethylbenzene	ND	1.00	"							U
1,2-Dibromo-3-chloropropane	ND	5.00	"							U
1,2-Dibromoethane (EDB)	ND	1.50	"							U
1,2-Dichlorobenzene	ND	1.00	"							U
1,2-Dichloroethane	ND	1.00	"							U
1,2-Dichloropropane	ND	1.00	"							U
1,3,5-Trimethylbenzene	ND	1.00	"							U
1,3-Dichlorobenzene	ND	1.00	"							U
1,3-Dichloropropane	ND	1.00	"							U
1,4-Dichlorobenzene	ND	1.00	"							U
2,2-Dichloropropane	ND	1.00	"							U
2-Butanone	ND	5.00	"							U
2-Chlorotoluene	ND	1.00	"							U
2-Hexanone	ND	6.00	"							U
4-Chlorotoluene	ND	1.00	"							U
4-Isopropyltoluene	ND	1.00	"							U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Blank (B5E3016-BLK1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

4-Methyl-2-pentanone	ND	5.00	ug/L							U
Acetone	ND	8.00	"							U
Benzene	ND	1.00	"							U
Bromobenzene	ND	1.00	"							U
Bromochloromethane	ND	1.00	"							U
Bromodichloromethane	ND	1.00	"							U
Bromoform	ND	1.00	"							U
Bromomethane	ND	1.00	"							U
Carbon disulfide	ND	5.00	"							U
Carbon tetrachloride	ND	1.00	"							U
Chlorobenzene	ND	1.00	"							U
Chloroethane	ND	1.00	"							U
Chloroform	ND	1.00	"							U
Chloromethane	ND	1.00	"							U
cis-1,2-Dichloroethene	ND	1.00	"							U
cis-1,3-Dichloropropene	ND	1.00	"							U
Dibromochloromethane	ND	1.00	"							U
Dibromomethane	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Hexachlorobutadiene	ND	5.00	"							U
Iodomethane	ND	10.0	"							U
Isopropylbenzene	ND	1.00	"							U
Methylene Chloride	ND	15.0	"							U
Methyl tert-Butyl Ether	ND	1.00	"							U
Naphthalene	ND	4.00	"							U
n-Butylbenzene	ND	1.00	"							U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Blank (B5E3016-BLK1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

n-Propylbenzene	ND	1.00	ug/L							U
sec-Butylbenzene	ND	1.00	"							U
Styrene	ND	1.00	"							U
tert-Butylbenzene	ND	1.00	"							U
Tetrachloroethene	ND	1.00	"							U
Toluene	ND	1.00	"							U
trans-1,2-Dichloroethene	ND	1.00	"							U
trans-1,3-Dichloropropene	ND	1.00	"							U
Trichloroethene	ND	1.00	"							U
Trichlorofluoromethane	ND	1.00	"							U
Vinyl chloride	ND	1.00	"							U
o-Xylene	ND	1.00	"							U
m,p-Xylene	ND	2.00	"							U

Surrogate: 1,2-Dichloroethane-d4	70		"	62.5		112	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	57		"	62.5		90.8	70-130			

LCS (B5E3016-BS1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

1,1,1,2-Tetrachloroethane	57.3	1.00	ug/L	50.0		115	70-130			
1,1,1-Trichloroethane	61.4	1.00	"	50.0		123	70-130			
1,1,2,2-Tetrachloroethane	54.6	1.00	"	50.0		109	70-130			
1,1,2-Trichloroethane	53.9	1.00	"	50.0		108	70-130			
1,1-Dichloroethane	53.5	1.00	"	50.0		107	70-130			
1,1-Dichloroethene	52.7	1.00	"	50.0		105	70-130			
1,1-Dichloropropene	55.3	1.00	"	50.0		111	70-130			
1,2,3-Trichlorobenzene	46.1	5.00	"	50.0		92.2	70-130			
1,2,3-Trichloropropane	53.8	5.00	"	50.0		108	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

LCS (B5E3016-BS1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

1,2,4-Trichlorobenzene	48.3	5.00	ug/L	50.0		96.5	70-130			
1,2,4-Trimethylbenzene	56.2	1.00	"	50.0		112	70-130			
1,2-Dibromo-3-chloropropane	48.3	5.00	"	50.0		96.5	70-130			
1,2-Dibromoethane (EDB)	54.7	1.50	"	50.0		109	70-130			
1,2-Dichlorobenzene	57.0	1.00	"	50.0		114	70-130			
1,2-Dichloroethane	59.4	1.00	"	50.0		119	70-130			
1,2-Dichloropropane	52.1	1.00	"	50.0		104	70-130			
1,3,5-Trimethylbenzene	56.8	1.00	"	50.0		114	70-130			
1,3-Dichlorobenzene	57.0	1.00	"	50.0		114	70-130			
1,3-Dichloropropane	51.6	1.00	"	50.0		103	70-130			
1,4-Dichlorobenzene	57.9	1.00	"	50.0		116	70-130			
2,2-Dichloropropane	59.6	1.00	"	50.0		119	70-130			
2-Butanone	204	5.00	"	250		81.7	70-130			
2-Chlorotoluene	56.1	1.00	"	50.0		112	70-130			
2-Hexanone	262	6.00	"	250		105	70-130			
4-Chlorotoluene	58.8	1.00	"	50.0		118	70-130			
4-Isopropyltoluene	53.7	1.00	"	50.0		107	70-130			
4-Methyl-2-pentanone	254	5.00	"	250		102	70-130			
Acetone	214	8.00	"	250		85.7	70-130			
Benzene	52.9	1.00	"	50.0		106	70-130			
Bromobenzene	55.8	1.00	"	50.0		112	70-130			
Bromochloromethane	57.6	1.00	"	50.0		115	70-130			
Bromodichloromethane	59.8	1.00	"	50.0		120	70-130			
Bromoform	54.3	1.00	"	50.0		109	70-130			
Bromomethane	48.7	1.00	"	50.0		97.3	70-130			
Carbon disulfide	50.3	5.00	"	50.0		101	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

LCS (B5E3016-BS1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

Carbon tetrachloride	62.1	1.00	ug/L	50.0		124	70-130			
Chlorobenzene	57.3	1.00	"	50.0		115	70-130			
Chloroethane	43.2	1.00	"	50.0		86.4	70-130			
Chloroform	57.8	1.00	"	50.0		116	70-130			
Chloromethane	35.2	1.00	"	50.0		70.4	70-130			
cis-1,2-Dichloroethene	55.7	1.00	"	50.0		111	70-130			
cis-1,3-Dichloropropene	52.6	1.00	"	50.0		105	70-130			
Dibromochloromethane	59.9	1.00	"	50.0		120	70-130			
Dibromomethane	58.1	1.00	"	50.0		116	70-130			
Ethylbenzene	55.7	1.00	"	50.0		111	70-130			
Hexachlorobutadiene	38.8	5.00	"	50.0		77.5	70-130			
Iodomethane	55.6	10.0	"	50.0		111	70-130			
Isopropylbenzene	57.6	1.00	"	50.0		115	70-130			
Methylene Chloride	49.2	15.0	"	50.0		98.3	70-130			
Methyl tert-Butyl Ether	51.6	1.00	"	50.0		103	70-130			
Naphthalene	49.6	4.00	"	50.0		99.1	70-130			
n-Butylbenzene	54.2	1.00	"	50.0		108	70-130			
n-Propylbenzene	57.5	1.00	"	50.0		115	70-130			
sec-Butylbenzene	54.0	1.00	"	50.0		108	70-130			
Styrene	58.2	1.00	"	50.0		116	70-130			
tert-Butylbenzene	54.4	1.00	"	50.0		109	70-130			
Tetrachloroethene	57.6	1.00	"	50.0		115	70-130			
Toluene	54.8	1.00	"	50.0		110	70-130			
trans-1,2-Dichloroethene	52.4	1.00	"	50.0		105	70-130			
trans-1,3-Dichloropropene	57.2	1.00	"	50.0		114	70-130			
Trichloroethene	58.1	1.00	"	50.0		116	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

LCS (B5E3016-BS1)

Prepared: 05/30/2025 Analyzed: 05/31/2025

Trichlorofluoromethane	60.6	1.00	ug/L	50.0		121	70-130			
Vinyl chloride	36.9	1.00	"	50.0		73.9	70-130			
o-Xylene	56.3	1.00	"	50.0		113	70-130			
m,p-Xylene	114	2.00	"	100		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	67		"	62.5		108	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.8	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.1	70-130			

Matrix Spike (B5E3016-MS1)

Source: E5E1047-01

Prepared: 05/30/2025 Analyzed: 06/01/2025

1,1,1,2-Tetrachloroethane	52.7	1.00	ug/L	50.0	ND	105	70-130			
1,1,1-Trichloroethane	55.9	1.00	"	50.0	ND	112	70-130			
1,1,2,2-Tetrachloroethane	47.5	1.00	"	50.0	ND	95.1	70-130			
1,1,2-Trichloroethane	52.7	1.00	"	50.0	ND	105	70-130			
1,1-Dichloroethane	49.8	1.00	"	50.0	ND	99.6	70-130			
1,1-Dichloroethene	51.2	1.00	"	50.0	ND	102	70-130			
1,1-Dichloropropene	52.9	1.00	"	50.0	ND	106	70-130			
1,2,3-Trichlorobenzene	60.9	5.00	"	50.0	ND	122	70-130			
1,2,3-Trichloropropane	45.3	5.00	"	50.0	ND	90.7	70-130			
1,2,4-Trichlorobenzene	57.8	5.00	"	50.0	ND	116	70-130			
1,2,4-Trimethylbenzene	51.7	1.00	"	50.0	ND	103	70-130			
1,2-Dibromo-3-chloropropane	53.3	5.00	"	50.0	ND	107	70-130			
1,2-Dibromoethane (EDB)	54.1	1.50	"	50.0	ND	108	70-130			
1,2-Dichlorobenzene	51.4	1.00	"	50.0	ND	103	70-130			
1,2-Dichloroethane	58.7	1.00	"	50.0	ND	117	70-130			
1,2-Dichloropropane	46.1	1.00	"	50.0	ND	92.2	70-130			
1,3,5-Trimethylbenzene	51.9	1.00	"	50.0	ND	104	70-130			
1,3-Dichlorobenzene	53.0	1.00	"	50.0	ND	106	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Matrix Spike (B5E3016-MS1)	Source: E5E1047-01			Prepared: 05/30/2025 Analyzed: 06/01/2025						
1,3-Dichloropropane	51.0	1.00	ug/L	50.0	ND	102	70-130			
1,4-Dichlorobenzene	52.4	1.00	"	50.0	ND	105	70-130			
2,2-Dichloropropane	53.3	1.00	"	50.0	ND	107	70-130			
2-Butanone	233	5.00	"	250	ND	93.3	70-130			
2-Chlorotoluene	48.4	1.00	"	50.0	ND	96.9	70-130			
2-Hexanone	216	6.00	"	250	ND	86.4	70-130			
4-Chlorotoluene	49.9	1.00	"	50.0	ND	99.8	70-130			
4-Isopropyltoluene	52.5	1.00	"	50.0	ND	105	70-130			
4-Methyl-2-pentanone	228	5.00	"	250	ND	91.3	70-130			
Acetone	264	8.00	"	250	ND	106	70-130			
Benzene	50.6	1.00	"	50.0	ND	101	70-130			
Bromobenzene	46.2	1.00	"	50.0	ND	92.4	70-130			
Bromochloromethane	58.7	1.00	"	50.0	ND	117	70-130			
Bromodichloromethane	56.5	1.00	"	50.0	ND	113	70-130			
Bromoform	58.2	1.00	"	50.0	ND	116	70-130			
Bromomethane	54.1	1.00	"	50.0	ND	108	70-130			
Carbon disulfide	51.7	5.00	"	50.0	ND	103	70-130			
Carbon tetrachloride	61.2	1.00	"	50.0	ND	122	70-130			
Chlorobenzene	52.9	1.00	"	50.0	ND	106	70-130			
Chloroethane	50.4	1.00	"	50.0	ND	101	70-130			
Chloroform	54.4	1.00	"	50.0	ND	109	70-130			
Chloromethane	41.6	1.00	"	50.0	ND	83.3	70-130			
cis-1,2-Dichloroethene	50.6	1.00	"	50.0	ND	101	70-130			
cis-1,3-Dichloropropene	49.8	1.00	"	50.0	ND	99.7	70-130			
Dibromochloromethane	60.7	1.00	"	50.0	ND	121	70-130			
Dibromomethane	62.7	1.00	"	50.0	ND	125	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Matrix Spike (B5E3016-MS1)	Source: E5E1047-01			Prepared: 05/30/2025 Analyzed: 06/01/2025						
Ethylbenzene	47.0	1.00	ug/L	50.0	ND	94.1	70-130			
Hexachlorobutadiene	61.2	5.00	"	50.0	ND	122	70-130			
Iodomethane	58.2	10.0	"	50.0	ND	116	70-130			
Isopropylbenzene	49.6	1.00	"	50.0	ND	99.3	70-130			
Methylene Chloride	46.2	15.0	"	50.0	ND	92.4	70-130			
Methyl tert-Butyl Ether	42.1	1.00	"	50.0	ND	84.3	70-130			
Naphthalene	53.6	4.00	"	50.0	ND	107	70-130			
n-Butylbenzene	50.9	1.00	"	50.0	ND	102	70-130			
n-Propylbenzene	48.0	1.00	"	50.0	ND	96.0	70-130			
sec-Butylbenzene	51.0	1.00	"	50.0	ND	102	70-130			
Styrene	48.8	1.00	"	50.0	ND	97.7	70-130			
tert-Butylbenzene	52.2	1.00	"	50.0	ND	104	70-130			
Tetrachloroethene	59.0	1.00	"	50.0	ND	118	70-130			
Toluene	50.4	1.00	"	50.0	ND	101	70-130			
trans-1,2-Dichloroethene	50.0	1.00	"	50.0	ND	100	70-130			
trans-1,3-Dichloropropene	51.8	1.00	"	50.0	ND	104	70-130			
Trichloroethene	53.9	1.00	"	50.0	ND	108	70-130			
Trichlorofluoromethane	60.0	1.00	"	50.0	ND	120	70-130			
Vinyl chloride	45.9	1.00	"	50.0	ND	91.8	70-130			
o-Xylene	48.1	1.00	"	50.0	ND	96.1	70-130			
m,p-Xylene	96.2	2.00	"	100	ND	96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		96.8	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		96.8	70-130			

Matrix Spike Dup (B5E3016-MSD1)	Source: E5E1047-01			Prepared: 05/30/2025 Analyzed: 06/01/2025						
1,1,1,2-Tetrachloroethane	50.7	1.00	ug/L	50.0	ND	101	70-130	3.87	20	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Matrix Spike Dup (B5E3016-MSD1)	Source: E5E1047-01			Prepared: 05/30/2025 Analyzed: 06/01/2025						
1,1,1-Trichloroethane	53.9	1.00	ug/L	50.0	ND	108	70-130	3.61	20	
1,1,2,2-Tetrachloroethane	45.8	1.00	"	50.0	ND	91.5	70-130	3.79	20	
1,1,2-Trichloroethane	50.8	1.00	"	50.0	ND	102	70-130	3.55	20	
1,1-Dichloroethane	47.6	1.00	"	50.0	ND	95.2	70-130	4.60	20	
1,1-Dichloroethene	49.5	1.00	"	50.0	ND	99.0	70-130	3.36	20	
1,1-Dichloropropene	50.4	1.00	"	50.0	ND	101	70-130	4.74	20	
1,2,3-Trichlorobenzene	59.6	5.00	"	50.0	ND	119	70-130	2.12	20	
1,2,3-Trichloropropane	45.7	5.00	"	50.0	ND	91.5	70-130	0.878	20	
1,2,4-Trichlorobenzene	56.0	5.00	"	50.0	ND	112	70-130	3.21	20	
1,2,4-Trimethylbenzene	49.8	1.00	"	50.0	ND	99.6	70-130	3.74	20	
1,2-Dibromo-3-chloropropane	53.1	5.00	"	50.0	ND	106	70-130	0.470	20	
1,2-Dibromoethane (EDB)	52.4	1.50	"	50.0	ND	105	70-130	3.04	20	
1,2-Dichlorobenzene	49.9	1.00	"	50.0	ND	99.8	70-130	2.98	20	
1,2-Dichloroethane	56.4	1.00	"	50.0	ND	113	70-130	4.07	20	
1,2-Dichloropropane	44.7	1.00	"	50.0	ND	89.5	70-130	3.04	20	
1,3,5-Trimethylbenzene	49.9	1.00	"	50.0	ND	99.7	70-130	4.07	20	
1,3-Dichlorobenzene	51.1	1.00	"	50.0	ND	102	70-130	3.69	20	
1,3-Dichloropropane	49.4	1.00	"	50.0	ND	98.9	70-130	3.03	20	
1,4-Dichlorobenzene	50.0	1.00	"	50.0	ND	100	70-130	4.69	20	
2,2-Dichloropropane	50.8	1.00	"	50.0	ND	102	70-130	4.82	20	
2-Butanone	223	5.00	"	250	ND	89.4	70-130	4.29	20	
2-Chlorotoluene	46.9	1.00	"	50.0	ND	93.9	70-130	3.17	20	
2-Hexanone	214	6.00	"	250	ND	85.6	70-130	0.981	20	
4-Chlorotoluene	47.5	1.00	"	50.0	ND	94.9	70-130	5.03	20	
4-Isopropyltoluene	50.4	1.00	"	50.0	ND	101	70-130	4.02	20	
4-Methyl-2-pentanone	225	5.00	"	250	ND	90.1	70-130	1.23	20	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
 5120 North Shore Drive
 North Little Rock AR 72118

Kyle Lawrence
 Project Number: PROJ-054017
 Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Matrix Spike Dup (B5E3016-MSD1)	Source: E5E1047-01			Prepared: 05/30/2025 Analyzed: 06/01/2025						
Acetone	249	8.00	ug/L	250	ND	99.8	70-130	5.66	20	
Benzene	48.4	1.00	"	50.0	ND	96.9	70-130	4.46	20	
Bromobenzene	44.0	1.00	"	50.0	ND	87.9	70-130	4.92	20	
Bromochloromethane	56.4	1.00	"	50.0	ND	113	70-130	3.99	20	
Bromodichloromethane	54.1	1.00	"	50.0	ND	108	70-130	4.27	20	
Bromoform	56.0	1.00	"	50.0	ND	112	70-130	3.91	20	
Bromomethane	56.0	1.00	"	50.0	ND	112	70-130	3.54	20	
Carbon disulfide	49.5	5.00	"	50.0	ND	99.0	70-130	4.35	20	
Carbon tetrachloride	60.3	1.00	"	50.0	ND	121	70-130	1.51	20	
Chlorobenzene	51.0	1.00	"	50.0	ND	102	70-130	3.68	20	
Chloroethane	51.6	1.00	"	50.0	ND	103	70-130	2.20	20	
Chloroform	51.8	1.00	"	50.0	ND	104	70-130	4.84	20	
Chloromethane	43.4	1.00	"	50.0	ND	86.9	70-130	4.25	20	
cis-1,2-Dichloroethene	48.2	1.00	"	50.0	ND	96.5	70-130	4.73	20	
cis-1,3-Dichloropropene	48.1	1.00	"	50.0	ND	96.2	70-130	3.55	20	
Dibromochloromethane	58.2	1.00	"	50.0	ND	116	70-130	4.34	20	
Dibromomethane	60.3	1.00	"	50.0	ND	121	70-130	3.94	20	
Ethylbenzene	45.5	1.00	"	50.0	ND	91.0	70-130	3.37	20	
Hexachlorobutadiene	59.6	5.00	"	50.0	ND	119	70-130	2.67	20	
Iodomethane	55.4	10.0	"	50.0	ND	111	70-130	4.98	20	
Isopropylbenzene	47.8	1.00	"	50.0	ND	95.5	70-130	3.86	20	
Methylene Chloride	44.5	15.0	"	50.0	ND	89.0	70-130	3.68	20	
Methyl tert-Butyl Ether	40.9	1.00	"	50.0	ND	81.7	70-130	3.06	20	
Naphthalene	53.1	4.00	"	50.0	ND	106	70-130	0.919	20	
n-Butylbenzene	49.4	1.00	"	50.0	ND	98.8	70-130	2.89	20	
n-Propylbenzene	46.5	1.00	"	50.0	ND	93.0	70-130	3.18	20	

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B5E3016 - EPA 5030B (Water)

Matrix Spike Dup (B5E3016-MSD1)	Source: E5E1047-01			Prepared: 05/30/2025 Analyzed: 06/01/2025						
sec-Butylbenzene	49.3	1.00	ug/L	50.0	ND	98.7	70-130	3.31	20	
Styrene	47.1	1.00	"	50.0	ND	94.1	70-130	3.73	20	
tert-Butylbenzene	50.3	1.00	"	50.0	ND	101	70-130	3.71	20	
Tetrachloroethene	57.1	1.00	"	50.0	ND	114	70-130	3.22	20	
Toluene	48.5	1.00	"	50.0	ND	96.9	70-130	4.02	20	
trans-1,2-Dichloroethene	48.1	1.00	"	50.0	ND	96.3	70-130	3.81	20	
trans-1,3-Dichloropropene	50.2	1.00	"	50.0	ND	100	70-130	3.24	20	
Trichloroethene	51.7	1.00	"	50.0	ND	103	70-130	4.05	20	
Trichlorofluoromethane	60.4	1.00	"	50.0	ND	121	70-130	0.614	20	
Vinyl chloride	47.7	1.00	"	50.0	ND	95.5	70-130	3.91	20	
o-Xylene	46.3	1.00	"	50.0	ND	92.5	70-130	3.80	20	
m,p-Xylene	93.6	2.00	"	100	ND	93.6	70-130	2.69	20	
Surrogate: 1,2-Dichloroethane-d4	68		"	62.5		108	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		95.8	70-130			

Batch B5E3017 - EPA 5030 (soil)

Blank (B5E3017-BLK1)	Prepared: 05/30/2025 Analyzed: 05/30/2025									
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3017 - EPA 5030 (soil)										
Blank (B5E3017-BLK1)										
					Prepared: 05/30/2025 Analyzed: 05/30/2025					
Surrogate: 1,2-Dichloroethane-d4	0.14		mg/kg	0.125		108	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			
LCS (B5E3017-BS1)										
					Prepared: 05/30/2025 Analyzed: 05/30/2025					
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.108	0.00200	"	0.100		108	70-130			
Benzene	0.0851	0.00200	"	0.100		85.1	70-130			
Ethylbenzene	0.0897	0.00200	"	0.100		89.7	70-130			
Naphthalene	0.0903	0.00380	"	0.100		90.3	70-130			
Toluene	0.0885	0.00200	"	0.100		88.5	70-130			
o-Xylene	0.0981	0.00200	"	0.100		98.1	70-130			
m,p-Xylene	0.187	0.00400	"	0.200		93.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		113	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		94.5	70-130			
Matrix Spike (B5E3017-MS1)										
			Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 05/30/2025				
1,2,4-Trimethylbenzene	0.0348	0.00200	mg/kg	0.100	ND	34.8	70-130			QM-07
1,3,5-Trimethylbenzene	0.0338	0.00200	"	0.100	ND	33.8	70-130			QM-07
Benzene	0.0576	0.00200	"	0.100	ND	57.6	70-130			QM-07
Ethylbenzene	0.0421	0.00200	"	0.100	ND	42.1	70-130			QM-07
Naphthalene	0.0151	0.00380	"	0.100	ND	15.1	70-130			QM-07
Toluene	0.0502	0.00200	"	0.100	ND	50.2	70-130			QM-07
o-Xylene	0.0443	0.00200	"	0.100	ND	44.3	70-130			QM-07
m,p-Xylene	0.0851	0.00400	"	0.200	ND	42.6	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		128	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3017 - EPA 5030 (soil)										
Matrix Spike (B5E3017-MS1)			Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 05/30/2025				
Surrogate: Toluene-d8	0.13		mg/kg	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.8	70-130			
Matrix Spike Dup (B5E3017-MSD1)			Source: E5E1037-06			Prepared: 05/30/2025 Analyzed: 05/30/2025				
1,2,4-Trimethylbenzene	0.0513	0.00200	mg/kg	0.100	ND	51.3	70-130	38.5	20	QM-07
1,3,5-Trimethylbenzene	0.0498	0.00200	"	0.100	ND	49.8	70-130	38.3	20	QM-07
Benzene	0.0763	0.00200	"	0.100	ND	76.3	70-130	27.9	20	QR-02
Ethylbenzene	0.0597	0.00200	"	0.100	ND	59.7	70-130	34.7	20	QM-07
Naphthalene	0.0292	0.00380	"	0.100	ND	29.2	70-130	63.8	20	QM-07
Toluene	0.0744	0.00200	"	0.100	ND	74.4	70-130	38.7	20	QR-02
o-Xylene	0.0619	0.00200	"	0.100	ND	61.9	70-130	33.1	20	QM-07
m,p-Xylene	0.120	0.00400	"	0.200	ND	59.8	70-130	33.7	20	QM-07
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.125		120	70-130			
Surrogate: Toluene-d8	0.14		"	0.125		111	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.2	70-130			
Batch B5E3022 - EPA 5030 (soil)										
Blank (B5E3022-BLK1)						Prepared: 05/30/2025 Analyzed: 05/30/2025				
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3022 - EPA 5030 (soil)										
Blank (B5E3022-BLK1)										
						Prepared: 05/30/2025 Analyzed: 05/30/2025				
Surrogate: 1,2-Dichloroethane-d4	0.14		mg/kg	0.125		112	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			
LCS (B5E3022-BS1)										
						Prepared: 05/30/2025 Analyzed: 05/30/2025				
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100		107	70-130			
Benzene	0.0912	0.00200	"	0.100		91.2	70-130			
Ethylbenzene	0.0964	0.00200	"	0.100		96.4	70-130			
Naphthalene	0.0803	0.00380	"	0.100		80.3	70-130			
Toluene	0.0917	0.00200	"	0.100		91.7	70-130			
o-Xylene	0.102	0.00200	"	0.100		102	70-130			
m,p-Xylene	0.198	0.00400	"	0.200		99.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		111	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.0	70-130			
Matrix Spike (B5E3022-MS1)										
			Source: E5E1037-22			Prepared: 05/30/2025 Analyzed: 05/31/2025				
1,2,4-Trimethylbenzene	0.0925	0.00200	mg/kg	0.100	ND	92.5	70-130			
1,3,5-Trimethylbenzene	0.0916	0.00200	"	0.100	ND	91.6	70-130			
Benzene	0.0885	0.00200	"	0.100	ND	88.5	70-130			
Ethylbenzene	0.0810	0.00200	"	0.100	ND	81.0	70-130			
Naphthalene	0.0617	0.00380	"	0.100	0.00206	59.6	70-130			QM-07
Toluene	0.0845	0.00200	"	0.100	ND	84.5	70-130			
o-Xylene	0.0890	0.00200	"	0.100	ND	89.0	70-130			
m,p-Xylene	0.168	0.00400	"	0.200	ND	83.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		129	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E3022 - EPA 5030 (soil)										
Matrix Spike (B5E3022-MS1)			Source: E5E1037-22			Prepared: 05/30/2025 Analyzed: 05/31/2025				
Surrogate: Toluene-d8	0.13		mg/kg	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.7	70-130			
Matrix Spike Dup (B5E3022-MSD1)			Source: E5E1037-22			Prepared: 05/30/2025 Analyzed: 05/31/2025				
1,2,4-Trimethylbenzene	0.102	0.00200	mg/kg	0.100	ND	102	70-130	10.1	20	
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100	ND	103	70-130	11.3	20	
Benzene	0.0987	0.00200	"	0.100	ND	98.7	70-130	11.0	20	
Ethylbenzene	0.0932	0.00200	"	0.100	ND	93.2	70-130	14.0	20	
Naphthalene	0.0839	0.00380	"	0.100	0.00206	81.9	70-130	30.5	20	QM-07
Toluene	0.0947	0.00200	"	0.100	ND	94.7	70-130	11.3	20	
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130	12.8	20	
m,p-Xylene	0.192	0.00400	"	0.200	ND	95.8	70-130	13.4	20	
Surrogate: 1,2-Dichloroethane-d4	0.16		"	0.125		126	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.6	70-130			

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

CTEH
5120 North Shore Drive
North Little Rock AR 72118

Kyle Lawrence
Project Number: PROJ-054017
Project: PROJ-054017

Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.