



CTEH

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

June 11, 2025

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 21, 2025. This project is associated with Origins project number E5E0704-01.

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
GACO0520T052-1CRS009	E5E0704-01	Soil	May 20, 2025 9:40	05/21/2025 07:45
GACO0520T052-1CRS010	E5E0704-02	Soil	May 20, 2025 10:25	05/21/2025 07:45
GACO0520T052-1CRC010	E5E0704-03	Soil	May 20, 2025 10:25	05/21/2025 07:45
GACO0520T052-1CRS011	E5E0704-04	Soil	May 20, 2025 10:05	05/21/2025 07:45
GACO0520T052-1CRS012	E5E0704-05	Soil	May 20, 2025 10:15	05/21/2025 07:45
GACO0520T052-1CRS013	E5E0704-06	Soil	May 20, 2025 10:50	05/21/2025 07:45
GACO0520T052-1CRS014	E5E0704-07	Soil	May 20, 2025 11:10	05/21/2025 07:45
GACO0520T052-1CRS015	E5E0704-08	Soil	May 20, 2025 11:15	05/21/2025 07:45
GACO0520T052-1CRS016	E5E0704-09	Soil	May 20, 2025 11:25	05/21/2025 07:45
GACO0520T052-1CRS017	E5E0704-10	Soil	May 20, 2025 11:30	05/21/2025 07:45
GACO0520T052-1CRS001	E5E0704-11	Soil	May 20, 2025 8:00	05/21/2025 07:45
GACO0520T052-1CRS002	E5E0704-12	Soil	May 20, 2025 8:20	05/21/2025 07:45
GACO0520T052-1CRS003	E5E0704-13	Soil	May 20, 2025 8:35	05/21/2025 07:45
GACO0520T052-1CRS004	E5E0704-14	Soil	May 20, 2025 8:40	05/21/2025 07:45

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



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
GACO0520T052-1CRS005	E5E0704-15	Soil	May 20, 2025 9:35	05/21/2025 07:45
GACO0520T052-1CRS006	E5E0704-16	Soil	May 20, 2025 8:55	05/21/2025 07:45
GACO0520T052-1CRS007	E5E0704-17	Soil	May 20, 2025 9:00	05/21/2025 07:45
GACO0520T052-1CRS008	E5E0704-18	Soil	May 20, 2025 9:15	05/21/2025 07:45

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager

ORIGINS LABORATORY

CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

E5E0704

ENTHALPY ANALYTICAL		Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: Page: 1 of 3		Standards: 1 Day 3 Day		1 Day		Custom TAT	
ENTHALPY ANALYTICAL - Denver 1775 W. Elk Place, Denver, CO 80211 Phone 303-433-1322		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water P = Product C = Composite SD = Sediment T = Tissue WP = Wipe G = Grab or Discrete WW = Wastewater X = Other B = Blank O = Other		Preservatives: 0 = none 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other			
CUSTOMER INFORMATION Company: CTEH Report To: Chevron Bishop, Kyle Lawrence, Eric Collins, Andrew Email: (Emails: Tom McMillan, Madeline Hinkman) Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Galiton, CO Phone:		PROJECT INFORMATION Name: PROJ-054017 Bishop Loss of Containment Number: P.O. #: Address: Galiton, CO Site Name: Global ID: Billing Instruction: ctehp@montrose-env.com		Analysis Request MS/MSD		Test Instructions / Comments	
Sample ID	Sampling Date	Sampling Time (24 hr)	Sample Matrix	Sample Type	Pres. No.	Cont. No.	Cont. Size
1 GAC005201052-1CR009	5/20/2025	9:40 S	G	0	1	4	02 CG
2 GAC005201052-1CR010	5/20/2025	10:25 S	G	0	1	4	02 CG
3 GAC005201052-1CR011	5/20/2025	10:25 S	G	0	1	4	02 CG
4 GAC005201052-1CR012	5/20/2025	10:25 S	G	0	1	4	02 CG
5 GAC005201052-1CR013	5/20/2025	10:25 S	G	0	1	4	02 CG
6 GAC005201052-1CR014	5/20/2025	10:25 S	G	0	1	4	02 CG
7 GAC005201052-1CR015	5/20/2025	11:15 S	G	0	1	4	02 CG
8 GAC005201052-1CR016	5/20/2025	11:25 S	G	0	1	4	02 CG
9 GAC005201052-1CR017	5/20/2025	11:30 S	G	0	1	4	02 CG
10 GAC005201052-1CR018	5/20/2025	11:30 S	G	0	1	4	02 CG
Relinquished By:	Signature: <i>Caleb Green</i>	Print Name: Caleb Green	Company / Title: EnviroScience, Inc.	Date / Time: 5/20/25 19:00			
Received By:	Signature: <i>Sydney Craighead</i>	Print Name: Sydney Craighead	Company / Title: Enthalpy	Date / Time: 5/21/25 07:45			
Relinquished By:							
Received By:							
Relinquished By:							
Received By:							

Origins Laboratory

Jen Pellegrini

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Jen Pellegrini For Jordan A. Bynon, Project Manager

ORIGINS LABORATORY

CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

E560704

ENTHALPY ANALYTICAL		Chain of Custody Record		Turn Around Time (rush by advanced notice only)					
Lab No: Page: 2 of 2		Standard: 2 Day	5 Day	3 Day	Custom TAT: ASAP				
ENTHALPY ANALYTICAL - Denver 1725 W. Elk Place, Denver, CO 80211 Phone 303-433-1322		Matrix: A = Air S = Solid/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 = H ₂ SO ₄ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other					
CUSTOMER INFORMATION Company: CTEH Report To: Devon Bishop, Kyle Lawrence, Eric Callis, Andrew Herald, Toni McMillan, Madeline Robinson Email: devon.bishop@montrose-env.com Address: 5120 Northshore Dr, North Little Rock, AR 72118 Phone: Phone: Billing Information: ctehp@montrose-env.com		PROJECT INFORMATION Name: PROJ-054017 Bishop Loss of Containment Number: P.O. #: Address: Galveston, CO Site Name: Global ID: Sampled By: <i>Carb Greenfield</i>		Analysis Request 					
Test Instructions / Comments Volume provided for MS/MSD									
Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Sample Type	Pres.	Cont. No.	Cont. Size	Initials	MS/MSD
1 GAC095201052-1CR5001	5/20/2025	8:00 S	G	G	0	1	4 oz	CG	X
2 GAC095201052-1CR5002	5/20/2025	8:20 S	G	G	0	1	4 oz	CG	X
3 GAC095201052-1CR5003	5/20/2025	8:35 S	G	G	0	1	4 oz	CG	X
4 GAC095201052-1CR5004	5/20/2025	8:40 S	G	G	0	1	4 oz	CG	X
5 GAC095201052-1CR5005	5/20/2025	9:35 S	G	G	0	1	4 oz	CG	X
6 GAC095201052-1CR5006	5/20/2025	8:55 S	G	G	0	1	4 oz	CG	X
7 GAC095201052-1CR5007	5/20/2025	9:00 S	G	G	0	1	4 oz	CG	X
8 GAC095201052-1CR5008	5/20/2025	9:15 S	G	G	0	1	4 oz	CG	X
9									
10									
Signature Relinquished By: <i>Carb</i> Received By: <i>Spnc</i> Relinquished By: <i>Spnc</i> Received By: <i>Spnc</i> Relinquished By: <i>Spnc</i> Received By: <i>Spnc</i>		Print Name Carb Green Spray Carbide Spnc		Company / Title ENVIRONMENTAL SCIENCE, INC. Enthalpy					
Date / Time 5/20/25 1800 5/21/25 07:45									

Origins Laboratory

Jen Pellegrini

Jen Pellegrini For Jordan A. Bynon, Project Manager

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ORIGINS

LABORATORY

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: E5E0704

Client: CTEH

Client Project ID: Proj 054017

Checklist Completed by: SMC/NB

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 5/21/25

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid

☐ Water

☐ Other:

(Describe)

Cooler Number/Temperature: 1 / 3.1 °C

Thermometer ID: T-009

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sample is 3032 AS MS
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MSD. 2 extra jars received. @ NB
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
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)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments, if any: <u>① First page of COC is labeled "1063" but there are only 2 pages</u>				

⁽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 be in the additional comments (above) and the case narrative.

Reviewed by (Project Manager): JS

Date/Time Reviewed: 5/21/25

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

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5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS009

5/20/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-01 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.257	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS010

5/20/2025 10:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-02 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.249	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRC010

5/20/2025 10:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-03 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.258	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS011

5/20/2025 10:05:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-04 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.243	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS012

5/20/2025 10:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-05 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.246	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS013

5/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-06 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.248	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS014

5/20/2025 11:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-07 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.260	mg/kg	1	B5E2125	05/21/2025	06/09/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS015

5/20/2025 11:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-08 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.256	mg/kg	1	B5E2125	05/21/2025	06/10/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS016

5/20/2025 11:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-09 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.253	mg/kg	1	B5E2125	05/21/2025	06/10/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS017

5/20/2025 11:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-10 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.253	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS001

5/20/2025 8:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-11 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.243	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS002

5/20/2025 8:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-12 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.253	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

Origins Laboratory

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5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS003

5/20/2025 8:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-13 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.253	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

Origins Laboratory

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5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS004

5/20/2025 8:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-14 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.259	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

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CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS005

5/20/2025 9:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-15 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.254	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

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5120 North Shore Drive

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Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS006

5/20/2025 8:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-16 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.259	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS007

5/20/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-17 (Soil) Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.243	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager



CTEH

5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

GACO0520T052-1CRS008

5/20/2025 9:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0704-18 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.250	mg/kg	1	B5E2126	05/21/2025	06/10/2025	U

Origins Laboratory

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North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

*** DEFAULT GENERAL METHOD *** - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5E2125 - EPA 3060A										
Blank (B5E2125-BLK1)					Prepared: 05/21/2025 Analyzed: 06/09/2025					
Hexavalent Chromium	ND	0.250	mg/kg							U
LCS (B5E2125-BS1)					Prepared: 05/21/2025 Analyzed: 06/09/2025					
Hexavalent Chromium	2.48	0.250	mg/kg	2.50		99.3	80-120			
Matrix Spike (B5E2125-MS1)					Source: E5E0702-11 Prepared: 05/21/2025 Analyzed: 06/10/2025					
Hexavalent Chromium	ND	0.250	mg/kg	2.50	0.0572	NR	75-125			QM-14, U
Matrix Spike (B5E2125-MS2)					Source: E5E0702-11 Prepared: 05/21/2025 Analyzed: 06/10/2025					
Hexavalent Chromium	103	25.6	mg/kg	297	ND	34.7	75-125			QM-14
Matrix Spike Dup (B5E2125-MSD1)					Source: E5E0702-11 Prepared: 05/21/2025 Analyzed: 06/10/2025					
Hexavalent Chromium	ND	0.253	mg/kg	2.53	0.0572	NR	75-125	200		QM-14, U
Post Spike (B5E2125-PS1)					Source: E5E0702-11 Prepared: 05/21/2025 Analyzed: 06/09/2025					
Hexavalent Chromium	51.7		ug/L	50.0	1.15	101	80-120			
Batch B5E2126 - EPA 3060A										
Blank (B5E2126-BLK1)					Prepared: 05/21/2025 Analyzed: 06/10/2025					
Hexavalent Chromium	ND	0.250	mg/kg							U
LCS (B5E2126-BS1)					Prepared: 05/21/2025 Analyzed: 06/10/2025					
Hexavalent Chromium	2.49	0.250	mg/kg	2.50		99.8	80-120			
Matrix Spike (B5E2126-MS1)					Source: E5E0704-15 Prepared: 05/21/2025 Analyzed: 06/10/2025					
Hexavalent Chromium	1.03	0.250	mg/kg	2.50	ND	41.2	75-125			QM-14

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5120 North Shore Drive

North Little Rock AR 72118

Kyle Lawrence

Project Number: PROJ-054017

Project: PROJ-054017

*** DEFAULT GENERAL METHOD *** - Quality Control

Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5E2126 - EPA 3060A

Matrix Spike (B5E2126-MS2)

Source: E5E0704-15

Prepared: 05/21/2025 Analyzed: 06/10/2025

Hexavalent Chromium	61.8	24.5	mg/kg	267	ND	23.1	75-125			QM-14
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Matrix Spike Dup (B5E2126-MSD1)

Source: E5E0704-15

Prepared: 05/21/2025 Analyzed: 06/10/2025

Hexavalent Chromium	1.06	0.254	mg/kg	2.54	ND	41.5	75-125	2.37	200	QM-14
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Post Spike (B5E2126-PS1)

Source: E5E0704-15

Prepared: 05/21/2025 Analyzed: 06/10/2025

Hexavalent Chromium	50.1		ug/L	50.0	0.393	99.3	80-120			
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Kyle Lawrence

Project Number: PROJ-054017

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Notes and Definitions

U Sample is Non-Detect.

QM-14 The pre-digestion matrix spike recoveries for Cr6 were less than the acceptance range min. The soil sample reduced Cr6 and no measurable native Cr6 existed in the unspiked sample. Batch QC deemed acceptable based on passing 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

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