



**CTEH**

**Kyle Lawrence**

**5120 North Shore Drive**

**North Little Rock AR 72118**

**June 24, 2025**

**Project Name - PROJ-054017**

**Project Number - PROJ-054017**

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 23, 2025. This project is associated with Origins project number E5E0851-01.

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  
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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
GACO0522T060S001	E5E0851-01	Soil	May 22, 2025 16:40	05/23/2025 07:55

Origins Laboratory


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Jen Pellegrini For Jordan A. Bynon, Project Manager

# ORIGINS LABORATORY

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		Chain of Custody Record Lab No: <b>ES0851</b> Page: _____ of _____		Turn Around Time (rush by advanced notice only) Standard: 2 Day: _____ 3 Day: _____ Custom (AT) ASAP	
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 = H <sub>2</sub> O <sub>2</sub> 2 = HCl 3 = HNO <sub>3</sub> 4 = H <sub>2</sub> SO <sub>4</sub> 5 = H <sub>2</sub> O 6 = Other	
PROJECT INFORMATION Name: PROJ-054017 Bisnop Loss of Containment Number: P.O. #:		Analysis Request Test Instructions / Comments		Sample Receipt Temp and Notes: 13 (see lab use only)	
CUSTOMER INFORMATION Company: CTEH Report To: Devon Bishop; Kyle Lawrence; Eric Catlin; Andrew Hinzolt; Tami McCallin; Madelyn Klitznerman Email: devon_bishop@cteh.com; kyle.lawrence@cteh.com; eric.catlin@cteh.com; andrew.hinzolt@cteh.com; tami.mccallin@cteh.com; madelyn.klitznerman@cteh.com Address: 5120 Northshore Dr, North Little Rock, AR 72111 Phone: Galenon, CO Phone: Phone: Billing Instruction: ctehalp@montrose-env.com		PROJECT INFORMATION Name: PROJ-054017 Bisnop Loss of Containment Number: P.O. #:		Analysis Request Test Instructions / Comments	
Sample ID 1. GAC052212685001 2. 3. 4. 5. 6. 7. 8. 9. 10.		Sampling Date: 5/22/2025 Sampling Time (24 hr): 16:40 Matrix: S Type: G Pres.: 0 No.: 1 Size: 4.0Z Initials: X		Analysis Request Test Instructions / Comments	
Signature: <i>Math Asa</i> Relinquished By:		Signature: <i>Matthew Best</i> Relinquished By:		Signature: _____ Relinquished By:	
Print Name: <i>Matthew Best</i> Relinquished By:		Print Name: <i>JNA</i> Relinquished By:		Print Name: _____ Relinquished By:	
Date / Time: 5/22/25 1800 Relinquished By:		Date / Time: 5/23/25 7:55 Relinquished By:		Date / Time: _____ Relinquished By:	

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

### Sample Receipt Checklist

Origins Work Order: E5E0851

Client: CTEH

Client Project ID: P2D)-054017

Checklist Completed by: NKM/gmc

Shipped Via: HD

Date/time completed: 05/23/25

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

Airbill #: N/A

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

Water

Other:

(Describe)

Cooler Number/Temperature: 1 / 1.3 °C

Thermometer ID: T-001

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	/			
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact <sup>(1)</sup> ?	/			
Was adequate sample volume provided <sup>(1)</sup> ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	/			
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	/			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	/			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	/			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			/	
Additional Comments (if any):				

<sup>(1)</sup>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.

Reviewed by (Project Manager)

05/23/25  
Date/Time Reviewed

Origins Laboratory



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**GACO0522T060S001**  
**5/22/2025 4:40:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5E0851-01 (Soil)</b>									
<b>Enthalpy Analytical</b>									
<b>Chromium Hexavalent by EPA 7199</b>									
Chromium, Hexavalent	ND		0.20	mg/kg	1	BIF0842	06/17/2025	06/19/2025	

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**Chromium Hexavalent by EPA 7199 - Quality Control  
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch BIF0842 - No Prep IC-WET</b>										
<b>Blank (BIF0842-BLK1)</b>					Prepared: 06/17/2025 Analyzed: 06/19/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
<b>LCS (BIF0842-BS1)</b>					Prepared: 06/17/2025 Analyzed: 06/19/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		98.1	80-120			
<b>LCS (BIF0842-BS2)</b>					Prepared: 06/17/2025 Analyzed: 06/19/2025					
Chromium, Hexavalent	8.08	1.00	mg/kg	9.37		86.2	80-120			
<b>Matrix Spike (BIF0842-MS1)</b>					Prepared: 06/17/2025 Analyzed: 06/19/2025					
		<b>Source: 25E2467-14</b>								
Chromium, Hexavalent	1.76	0.20	mg/kg	2.00	0.12	81.7	75-125			
<b>Matrix Spike Dup (BIF0842-MSD1)</b>					Prepared: 06/17/2025 Analyzed: 06/19/2025					
		<b>Source: 25E2467-14</b>								
Chromium, Hexavalent	1.95	0.20	mg/kg	2.04	0.12	89.8	75-125	10.6	20	

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### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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