



CTEH

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

June 12, 2025

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory May 28, 2025. This project is associated with Origins project number E5E0961-01.

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
GACO0527T173-1S001	E5E0961-01	Soil	May 27, 2025 14:30	05/28/2025 07:26

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager

ORIGINS LABORATORY

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ENTHALPY ANALYTICAL		Lab No: FS00461		Turn Around Time (rush by advanced notice only)	
Matrix: A = Air S = Soil/Solid W = Water		Standard:	2 Day:	5 Day:	3 Day:
DW = Drinking Water P = Product O = Oil		Preservatives: 0 = none	1 Day:	Custom TAT	ASAP
SD = Sediment T = Tissue WP = Wipe		1 = Na ₂ SO ₄ 2 = HCl	Sample Receipt Temp and Notes: 5.1°C		
WW = Wastewater X = Other		3 = HNO ₃ 4 = H ₂ SO ₄	(lab use only)		
B = Blank O = Other		5 = NaOH 6 = Other			
ENTHALPY Analytical - Denver 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 B = Blank O = Other					
CUSTOMER INFORMATION Company: CTEH Report To: Cheryl Bishop, Kyle Lawrence, Eric Caffrey, Andrew Henaldi, Emil Madhulini, Madelyn Erdmann Email: chenald@enthalpy.com, klawrence@enthalpy.com, ecaffrey@enthalpy.com, emil@enthalpy.com, madelyn@enthalpy.com Address: 5120 North Shore Dr, North Little Rock, AR 72118 Phone: Site Name: Phone: Global ID:			PROJECT INFORMATION Name: PROJ-054017 Description: Bishop Loss of Containment		
ANALYSIS REQUEST Analysis Request: Chromium VI MS/MSD			TEST INSTRUCTIONS / COMMENTS (lab use only)		
TEST RESULTS Sample ID: 1 (GA0085271733-15981) Sampling Date: 5/27/2025 Sampling Time (24 hr): 14:30 Matrix Type: G Pres. No.: 1 Cont. Site: 402 Cont. Inlets: HB Chromium VI: X MS/MSD: MS					
SIGNATURES Requisitioned By: [Signature] Signature: [Signature] Print Name: Matthew Beck Company/Title: CTEH Date/Time: 5/27/25 1800 Received By: [Signature] Signature: [Signature] Print Name: Samantha Viana Company/Title: ENTHALPY Date/Time: 5/29/25 7:26 Requisitioned By: [Signature] Signature: [Signature] Print Name: [Signature] Company/Title: [Signature] Date/Time: [Signature] Received By: [Signature] Signature: [Signature] Print Name: [Signature] Company/Title: [Signature] Date/Time: [Signature]					

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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Project Number: PROJ-054017
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Origins Laboratory F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: E5E0961 Client: CTEH
 Checklist Completed by: SYM / NKM Client Project ID: PROJ-054017
 Date/time completed: 05/26/25 Shipped Via: TID
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Matrix(s) Received: (Check all that apply): 20 Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1, S.I. °C (Describe)
 Thermometer ID: F007

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"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" 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 checked="" type="checkbox"/>		
Were all samples received intact ^{(1)?}	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ^{(1)?}	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ^{(1)?}	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) present and filled out completely ^{(1)?}	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ^{(1)?}	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ^{(1)?}	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ^{(1)?}	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<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 Na ₂ CO ₃ +NaOH, ZnAc ₂ +NaOH)			<input checked="" type="checkbox"/>	
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 be in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 5/26/25

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Jen Pellegrini

Jen Pellegrini For Jordan A. Bynon, Project Manager

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GACO0527T173-1S001

5/27/2025 2:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5E0961-01 (Soil) Enthalpy Orange									
Chromium Hexavalent by EPA 7199									
Hexavalent Chromium	ND		0.30	mg/Kg	1	373151	06/05/2025	06/05/2025	ND

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 373151 - EPA 3060A										
BLANK (QC1263431)										
					Prepared: 06/05/2025 Analyzed: 06/05/2025					
Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
LCS (QC1263432)										
					Prepared: 06/05/2025 Analyzed: 06/05/2025					
Hexavalent Chromium	40.65	0.6000	mg/Kg	40.00		102	80-120			
Duplicate (QC1263434)										
					Source: 534305-001					
					Prepared: 06/05/2025 Analyzed: 06/05/2025					
Hexavalent Chromium	ND	0.2896	mg/Kg		0		-		30	ND
Matrix Spike (QC1263435)										
					Source: 534305-001					
					Prepared: 06/05/2025 Analyzed: 06/05/2025					
Hexavalent Chromium	26.96	0.5792	mg/Kg	38.61	0	70	70-130			

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Notes and Definitions

ND Not Detected

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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