



CTEH

Kyle Lawrence

5120 North Shore Drive

North Little Rock AR 72118

August 04, 2025

Project Name - PROJ-054017

Project Number - PROJ-054017

Attached are your analytical results for PROJ-054017 received by Origins Laboratory June 01, 2025. This project is associated with Origins project number E5F0006-01.

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



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North Little Rock AR 72118

Kyle Lawrence  
Project Number: PROJ-054017  
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### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GACO0530T165-1S001	E5F0006-01	Soil	May 30, 2025 14:30	06/01/2025 08:00

*All Chromium Hexavalent samples in this workorder were prepared by EPA 3060A at Enthalpy Denver and analyzed by EPA 7199 at subcontract lab: Enthalpy Richmond. Both laboratories are TNI accredited for this analysis and meets statutory and regulatory requirements for this analysis. See NCM E25005.*

Origins Laboratory

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Jen Pellegrini For Jordan A. Bynon, Project Manager

# ORIGINS LABORATORY

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Chain of Custody record		Item Around Time (trust by advanced notice only)							
Lab No:	Standard:	5 Day:	3 Day:						
Page: 1 of 1	2 Day:	1 Day:	Custom TAT						
			ASAP						
<b>Enthalpy Analytical - Denver</b> 1725 W. Elk Place, Denver, CO 80211 Phone 303-433-1322									
<b>CUSTOMER INFORMATION</b> Company: CTEH Report To: Christopher M. Lawrence, Eric Clark, Adam Hunsell, Tom Mullins, Madeline Kozlowski Email: chris.lawrence@enthalpy.com, eric.clark@enthalpy.com, tom.hunsell@enthalpy.com, madeline.kozlowski@enthalpy.com Address: 3535 Wadsworth Dr, Suite 100, Fort Collins, CO 80504 Phone: (970) 221-1111 Site Name: Address: Galatun, CO Global ID: Billing Instructid: cteha@montrose-env.com		<b>PROJECT INFORMATION</b> Name: PROJ-054017 Stop Loss of Containment Number: P.O. #: Address: Galatun, CO Site Name: Global ID: Sampled By:							
<b>Matrix:</b> A = Air S = Soil/Solid W = Water P = Product O = Oil C = Composite DW = Drinking Water T = Tissue WP = Wipe B = Blank O = Other SD = Sediment X = Other WW = Wastewater		<b>Sample Types:</b> none 1 = Na <sub>2</sub> SO <sub>4</sub> 2 = HCl 3 = HNO <sub>3</sub> 4 = H <sub>2</sub> SO <sub>4</sub> 5 = NaOH 6 =							
<b>Analysis Request</b> Chromium VI MS/MSD									
<b>Test Instructions / Comments</b> 6.31ccv (lab use only)									
<b>Matrix:</b> A = Air S = Soil/Solid W = Water P = Product O = Oil C = Composite DW = Drinking Water T = Tissue WP = Wipe B = Blank O = Other SD = Sediment X = Other WW = Wastewater									
<b>Sample Types:</b> none 1 = Na <sub>2</sub> SO <sub>4</sub> 2 = HCl 3 = HNO <sub>3</sub> 4 = H <sub>2</sub> SO <sub>4</sub> 5 = NaOH 6 =									
<b>Analysis Request</b> Chromium VI MS/MSD									
<b>Test Instructions / Comments</b> 6.31ccv (lab use only)									
Sample ID	Sampling Date	Sampling Time (24 hr)	Sample Matrix	Pres.	Cont. No.	Cont. Size	Cont. Initials	Analysis Request	Test Instructions / Comments
1	GAC005301165-15001	5/30/2025	14:30 S	G	0	1	4.02 MB	X	
2									
3									
4									
5									
6									
7									
8									
9									
10									
<b>Received By:</b> Matthew Bice Signature: <i>Matthew Bice</i> Print Name: Matthew Bice Company/Title: CTEH Date/Time: 5-30-25 10:00		<b>Relinquished By:</b> Kyle Lawrence Signature: <i>Kyle Lawrence</i> Print Name: Kyle Lawrence Company/Title: CTEH Date/Time: 6/11/25 8:00							
<b>Received By:</b> Signature: Print Name: Company/Title: Date/Time:		<b>Relinquished By:</b> Signature: Print Name: Company/Title: Date/Time:							
<b>Received By:</b> Signature: Print Name: Company/Title: Date/Time:		<b>Relinquished By:</b> Signature: Print Name: Company/Title: Date/Time:							

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*Jen Pellegrini*

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

### Sample Receipt Checklist

Origins Work Order: ES F0006 Client: CTEH  
 Client Project ID: PROJ-054017  
 Checklist Completed by: JWA LIAO Shipped Via: HD  
 Date/time completed: 6/11/25 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Airbill #: \_\_\_\_\_  
 Matrix(s) Received: (Check all that apply):  Soil/Solid \_\_\_\_\_ Water \_\_\_\_\_ Other: \_\_\_\_\_ (Describe)  
 Cooler Number/Temperature: 1 / 10.3 °C \_\_\_\_\_ °C \_\_\_\_\_ °C \_\_\_\_\_ °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 <sup>(1)</sup> ?	<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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<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 <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)			<input checked="" type="checkbox"/>	
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 be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) SAD Date/Time Reviewed 6/12/25

Origins Laboratory



Jen Pellegrini For Jordan A. Bynon, Project Manager

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**GACO0530T165-1S001**  
**5/30/2025 2:30:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>E5F0006-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	ND		0.246	mg/kg	1	B5F0525	06/05/2025	07/22/2025	U

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B5F0525 - EPA 3060A</b>										
<b>Blank (B5F0525-BLK1)</b>										
					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	ND	0.250	mg/kg							U
<b>LCS (B5F0525-BS1)</b>										
					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	2.49	0.250	mg/kg	2.50		99.8	80-120			
<b>Matrix Spike (B5F0525-MS1)</b>										
		<b>Source: E5E0955-21</b>								
					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	2.59	0.243	mg/kg	2.43	0.213	98.1	75-125			
<b>Matrix Spike (B5F0525-MS2)</b>										
		<b>Source: E5E0955-21</b>								
					Prepared: 06/05/2025 Analyzed: 07/16/2025					
Hexavalent Chromium	240	24.2	mg/kg	275	ND	87.3	75-125			
<b>Matrix Spike Dup (B5F0525-MSD1)</b>										
		<b>Source: E5E0955-21</b>								
					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	2.68	0.255	mg/kg	2.55	0.213	96.9	75-125	3.25	200	
<b>Post Spike (B5F0525-PS1)</b>										
		<b>Source: E5E0955-21</b>								
					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	58.9		ug/L	50.0	4.38	109	80-120			

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### Notes and Definitions

- U Sample is Non-Detect.
  - 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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