ORIGINS LABORATORY

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

THE NELAC INSTITUTE

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

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

Jen Pellegrini For Jordan A. Bynon, Project Manager

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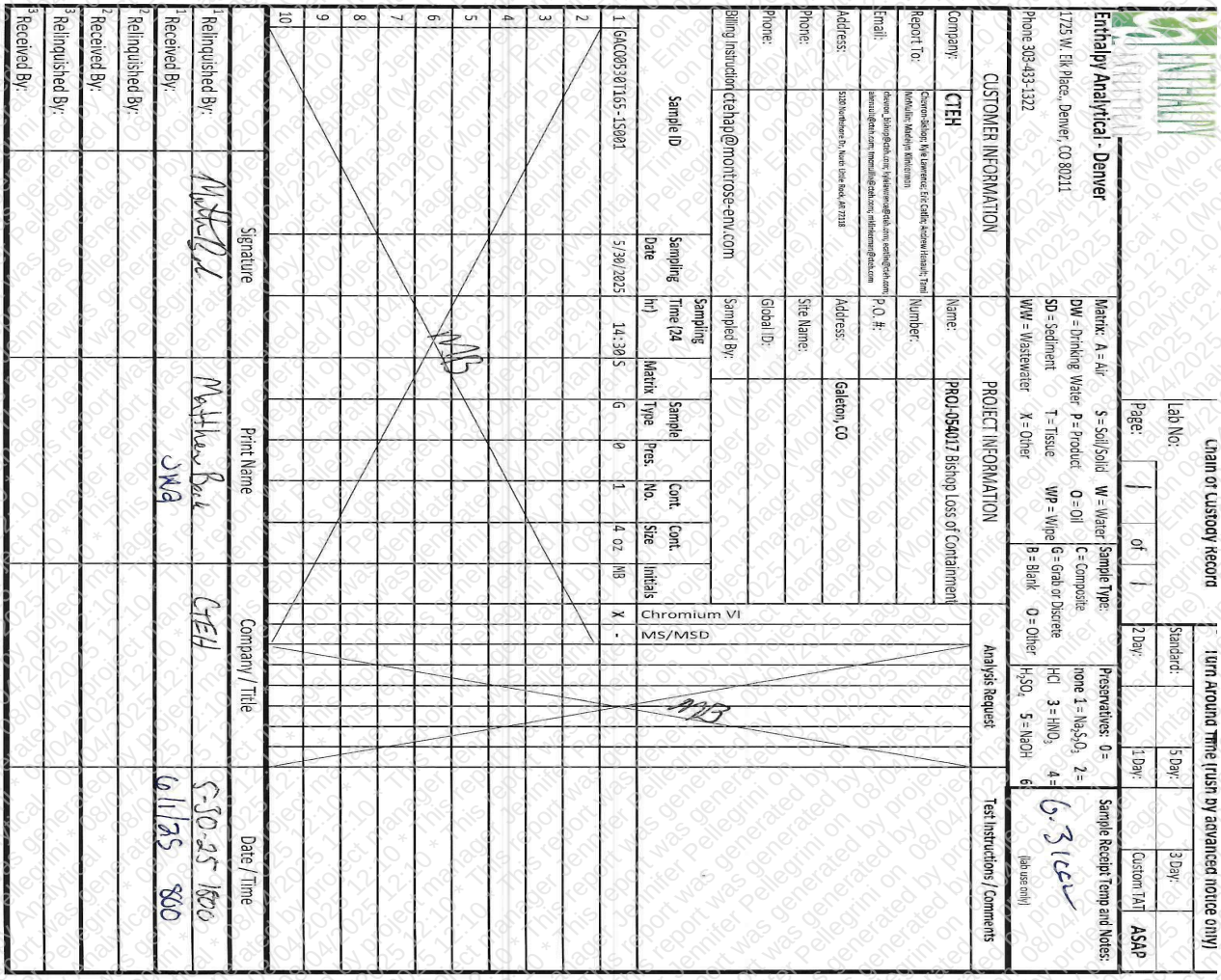

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Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: ESF0006

Client: CTEH

Client Project ID: PROJ-054017

Checklist Completed by: JAB / BRAR

Shipped Via: HD (UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 6/11/25

Airbill #:

Matrix(s) Received: (Check all that apply): X Soil/Solid ____ Water ____ Other: ____

Cooler Number/Temperature: 1 / 0.3 °c ____ / ____ °c ____ / ____ °c ____ / ____ °c (Describe)

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]?	—			
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[1]?	—			
Was adequate sample volume provided[1]?	—			
Are short holding time analytes or samples with HTs due within 48 hours present[1]?		—		
Is a chain-of-custody (COC) present and filled out completely[1]?	—			
Does the COC agree with the number and type of sample bottles received[1]?	—			
Do the sample IDs on the bottle labels match the COC[1]?	—			
Is the COC properly relinquished by the client with date and time recorded[1]?	—			
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 [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 HNO3, HCL, H2SO4) / (pH ≥10 for samples preserved with Na4SO2+NaOH, ZnAc+NaOH)*			—	
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.*

SAO — Reviewed by (Project Manager)

6/12/25 — Date/Time Reviewed

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

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5F0006-01 (Soil)									
Origins Laboratory									
Chromium Hexavalent by EPA 7199									
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
Batch B5F0525 - EPA 3060A										
Blank (B5F0525-BLK1)					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	ND	0.250	mg/kg							U
LCS (B5F0525-BS1)					Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	2.49	0.250	mg/kg	2.50		99.8	80-120			
Matrix Spike (B5F0525-MS1)		**Source: E5E0955-21**			Prepared: 06/05/2025 Analyzed: 07/15/2025					
Hexavalent Chromium	2.59	0.243	mg/kg	2.43	0.213	98.1	75-125			
Matrix Spike (B5F0525-MS2)		**Source: E5E0955-21**			Prepared: 06/05/2025 Analyzed: 07/16/2025					
Hexavalent Chromium	240	24.2	mg/kg	275	ND	87.3	75-125			
Matrix Spike Dup (B5F0525-MSD1)		**Source: E5E0955-21**			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	
Post Spike (B5F0525-PS1)		**Source: E5E0955-21**			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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