



CTEH

Kyle Lawrence

5120 North Shore Drive

North Little RockAR 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 25, 2025. This project is associated with Origins project number E5E0905-01.

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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Project Number: PROJ-054017

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CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------|--------|-------------------|------------------|
| GACO0523T121S001 | E5E0905-01 | Soil | May 23, 2025 9:45 | 05/25/2025 08:00 |

Origins Laboratory

Jen Pellegrini For Jordan A. Bynon, Project Manager

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ORIGINS LABORATORY

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| ENTHALPY ANALYTICAL | | Lab No. | | Page 1 of 1 | | Turn Around Time (last by advanced notice only) | |
|--|--|---|--|--|--|---|--|
| ENTHALPY ANALYTICAL | | Page 1 of 1 | | 1 Day | | 5 Day | |
| Customer Information Company: CTEH Name: PROJECT 4017 Address: 5120 North Shore Drive, North Little Rock, AR 72118 Phone: (501) 225-1234 Email: kyle.lawrence@cteh.com | | Project Information Matrix: A-H DW: Drinking Water SW: Surface Water WW: Wastewater Other: | | Analysis Request Sample Type: S-Solid W-Water C-Composite G-Gravel/Grit B-Blank O-Other | | Test Instructions/Comments 1.8 | |
| Chain of Custody Received By: [Signature] Received By: [Signature] Received By: [Signature] Received By: [Signature] | | Signature Print Name Company/Title Date/Time | | Signature Print Name Company/Title Date/Time | | Signature Print Name Company/Title Date/Time | |
| Sample ID 1: 040053112125 2: [Blank] 3: [Blank] 4: [Blank] 5: [Blank] 6: [Blank] 7: [Blank] 8: [Blank] 9: [Blank] 10: [Blank] | | Sampling Date: 5/23/2025 Time: 9:45 Location: 6 Matrix: 0 Pres. No.: 1 Size: 1.4 oz Initials: [Blank] | | Chromium VI MS/MSD | | Analysis Results [Blank] | |

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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: ESEC905

Client: cteh

Client Project ID: proj-054017

Checklist Completed by: JAR / Jem

Shipped Via: HD

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

Date/time completed: 5/25/25

Airbill #: N/A

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

Water

Other:

Cooler Number/Temperature: 1 / 1.8 °C

(Describes)

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

Reviewed by (Project Manager) GAD

Date/Time Reviewed 5/27/25

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Jen Pellegrini

Jen Pellegrini For Jordan A. Bynon, Project Manager

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Project Number: PROJ-054017

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GACO0523T121S001

5/23/2025 9:45:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-------|----------|--------|------------|------------|-------|
| E5E0905-01 (Soil) | | | | | | | | | |
| Enthalpy Orange | | | | | | | | | |
| Chromium Hexavalent by EPA 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | | 0.29 | mg/Kg | 1 | 373151 | 06/05/2025 | 06/06/2025 | 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) | | | | | Prepared: 06/05/2025 Analyzed: 06/05/2025 | | | | | |
| Source: 534305-001 | | | | | | | | | | |
| Hexavalent Chromium | ND | 0.2896 | mg/Kg | | 0 | | - | 30 | | ND |
| Matrix Spike (QC1263435) | | | | | Prepared: 06/05/2025 Analyzed: 06/05/2025 | | | | | |
| Source: 534305-001 | | | | | | | | | | |
| 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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