



Eagle Environmental Consulting, LLC

September 25, 2025

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - **Mystique - Shirley
Rother-614S42W33SESW**

Project Number - **[none]**

Attached are your analytical results for Mystique - Shirley Rother-614S42W33SESW received by Origins Laboratory August 21, 2025. This project is associated with Origins project number E5H0500-01.

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.

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



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|-----------------------|------------------|
| AST-B01@3" | E5H0500-01 | Soil | August 20, 2025 11:15 | 08/21/2025 09:40 |
| AST-B03@3" | E5H0500-02 | Soil | August 20, 2025 11:20 | 08/21/2025 09:40 |
| SEP-B01@1' | E5H0500-03 | Soil | August 20, 2025 11:30 | 08/21/2025 09:40 |
| SEP-B02@1' | E5H0500-04 | Soil | August 20, 2025 11:35 | 08/21/2025 09:40 |

Selenium rerun added to SEP-B02@1' per Lauren's email on 9/12/25. EHS
 No errors were found in the original data, all results are reported. EHS

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ORIGINS LABORATORY

Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Mystique - Shirley
Rother-614S42W33SESW



ESHSOCD

Page 1 of 1

1725 The Ridge Parkway, Suite 100, Golden, CO 80601

Tamp Received: 0.2°C Received on ice? Yes No

| # | Sample ID | Date Sampled | Time Sampled | # of Containers | Matrix Preservative | Analysis | | | | Comments |
|----|------------|--------------|--------------|-----------------|---------------------|----------|----|----|----|----------|
| | | | | | | As | Se | Pb | Cd | |
| 1 | Ast-601e3" | 8/20/25 | 11:5 | 3 | WSP | Y | | | | |
| 2 | Ast-603e3" | | 11:20 | | | | | | | |
| 3 | SEP-601e1 | | 11:30 | | | | | | | |
| 4 | SEP-602e1 | | 11:35 | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|------------------|---------|-------|--------------|----------|-------|
| <i>La B...</i> | 8/21/25 | 9:40 | NLM | 08/21/25 | 09:40 |

Turnaround Time
 SAME DAY
 24 Hr
 48 Hr
 Standard
 72

Client: Eagle Environmental Consulting
 Address: 8000 W 44th Ave
 Telephone Number: 303-433-0419
 Email Address: deborah@eagle-environment.com
 Project Manager: D. Coloccia
 Project Name: Shirley Rother-614S42W33SESW
 Project Number:
 Collected By: CS 1 SL
 Invoice/Billing Info: Bill to Mynor
 S-Soil | S-Solid | O-Oil | A-Air | G-Gas | W-Water | HCL-Hydrochloric | HNO3-Nitric | H2SO4-Sulfuric | NaOH-Sodium Hydroxide
 W-Water | W-Waste Water | S-Surface Water | G-Groundwater | L-Liquid

Origins Laboratory

Signature

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ORIGINS LABORATORY

Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Mystique - Shirley
Rother-614S42W33SESW

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

Sample Receipt Checklist

Origins Work Order: ES10500 Client: Eagle
Client Project ID: shirley

Checklist Completed by: ZHO/ND Shipped Via: HD
Date/time completed: 8/22/25 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
Airbill #: N/A

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

Cooler Number/Temperature: 10.2 °C / _____ °C / _____ °C (Describe) °C

Thermometer ID: 1007

| 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 NaAsO ₂ +NaOH, ZnAc+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 in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) _____

Date/Time Reviewed 08/25/25

Origins Laboratory

EHO

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

AST-B01@3"

8/20/2025 11:15:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-01 (Soil)
 Enthalpy Orange**

Total Metals by 7199

| | | | | | | | | | |
|---------------------|----|------|------|-----------|---|--------|------------|------------|----|
| Hexavalent Chromium | ND | 0.19 | 0.35 | mg/Kg dry | 1 | 380679 | 08/29/2025 | 09/02/2025 | ND |
|---------------------|----|------|------|-----------|---|--------|------------|------------|----|

Origins Laboratory

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-----------------------|-------|--|-------|----------|---|---------|------------|------------|--|
| (DTPA Sorbitol) Boron | 0.417 | | 0.116 | mg/L dry | 1 | B5H2207 | 08/22/2025 | 08/26/2025 | |
|-----------------------|-------|--|-------|----------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|--|------|-----------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | | 29.4 | mg/kg dry | 1 | B5H2219 | 08/22/2025 | 08/26/2025 | U |
| Residual Range Organics (C28-C36) | ND | | 118 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: o-Terphenyl | 76.7 % | | | 50-150 | | " | " | " | |
|------------------------|--------|--|--|--------|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.002 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Benzene | ND | | 0.002 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Toluene | ND | | 0.002 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.002 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

AST-B01@3"

8/20/2025 11:15:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-01 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|----------------------------------|-------|--|-------|-----------|---|---------|------------|------------|---|
| Gasoline Range Hydrocarbons | ND | | 0.235 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | | | 70-130 | | " | " | " | |
| Surrogate: Toluene-d8 | 103 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 107 % | | | 70-130 | | " | " | " | |

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 6.80 | | 0.499 | meq/L | 10 | [CALC] | 08/22/2025 | 08/26/2025 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.024 | " | " | " | " | " | U |
| Anthracene | ND | | 0.024 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.006 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.024 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.024 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.024 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

AST-B01@3"

8/20/2025 11:15:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-01 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| Chrysene | ND | | 0.024 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| Dibenz (a,h) anthracene | ND | | 0.024 | " | " | " | " | " | U |
| Fluoranthene | ND | | 0.024 | " | " | " | " | " | U |
| Fluorene | ND | | 0.024 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.024 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.024 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--|--------|---|---|---|--|
| Surrogate: Fluorene-d10 | 99.6 % | | | | 60-130 | " | " | " | |
| Surrogate: Anthracene-d10 | 99.8 % | | | | 60-130 | " | " | " | |
| Surrogate: Pyrene-d10 | 99.0 % | | | | 60-130 | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 99.8 % | | | | 60-130 | " | " | " | |

Percent Solids

| | | | | | | | | | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|
| Total Solids, Percent | 85.1 | | | mass percent | 1 | B5I0316 | 09/03/2025 | 09/08/2025 | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.68 | | | pH Units | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESU

AST-B01@3"
8/20/2025 11:15:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-01 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| SAR by 20B Saturated Paste | | | | | | | | | |
| SAR | 0.123 | | 0.0100 | SAR | 1 | B5H2221 | 08/22/2025 | 08/26/2025 | |
| Specific Conductance Mod. 9050A | | | | | | | | | |
| Specific Conductance (EC) | 0.961 | | 0.00500 | mmhos/cm | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 5.04 | | 0.234 | mg/kg dry | 10 | B5H2547 | 08/25/2025 | 09/02/2025 | |
| Barium | 203 | | 65.9 | " | " | " | " | " | |
| Cadmium | ND | | 0.305 | " | " | " | " | " | U |
| Copper | ND | | 37.0 | " | " | " | " | " | U |
| Lead | 11.9 | | 11.3 | " | " | " | " | " | |
| Nickel | ND | | 20.9 | " | " | " | " | " | U |
| Selenium | 0.236 | | 0.198 | " | " | " | " | " | |
| Silver | ND | | 0.643 | " | " | " | " | " | U |
| Zinc | ND | | 297 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

AST-B03@3"
8/20/2025 11:20:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|-----------------------------------|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-02 (Soil) | | | | | | | | | |
| Enthalpy Orange | | | | | | | | | |
| Total Metals by 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | 0.19 | 0.36 | mg/Kg dry | 1 | 380679 | 08/29/2025 | 09/02/2025 | ND |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| (DTPA Sorbitol) Boron | 0.480 | | 0.121 | mg/L dry | 1 | B5H2207 | 08/22/2025 | 08/26/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 30.6 | mg/kg dry | 1 | B5H2219 | 08/22/2025 | 08/26/2025 | U |
| Residual Range Organics (C28-C36) | ND | | 122 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 83.2 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.002 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Benzene | ND | | 0.002 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Toluene | ND | | 0.002 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.002 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESU

AST-B03@3"

8/20/2025 11:20:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-02 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Gasoline Range Hydrocarbons | ND | | 0.245 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | | | 70-130 | | " | " | " | |
| Surrogate: Toluene-d8 | 103 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 108 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 2.45 | | 0.499 | meq/L | 10 | [CALC] | 08/22/2025 | 08/26/2025 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.024 | " | " | " | " | " | U |
| Anthracene | ND | | 0.024 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.006 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.024 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.024 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.024 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESU

AST-B03@3"

8/20/2025 11:20:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-02 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| Chrysene | ND | | 0.024 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| Dibenz (a,h) anthracene | ND | | 0.024 | " | " | " | " | " | U |
| Fluoranthene | ND | | 0.024 | " | " | " | " | " | U |
| Fluorene | ND | | 0.024 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.024 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.024 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 101 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 101 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 97.9 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 99.5 % | | | 60-130 | | " | " | " | |

Percent Solids

| | | | | | | | | | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|
| Total Solids, Percent | 81.7 | | | mass percent | 1 | B5I0316 | 09/03/2025 | 09/08/2025 | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.79 | | | pH Units | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESU

AST-B03@3"

8/20/2025 11:20:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-02 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| SAR by 20B Saturated Paste | | | | | | | | | |
| SAR | 0.112 | | 0.0100 | SAR | 1 | B5H2221 | 08/22/2025 | 08/26/2025 | |
| Specific Conductance Mod. 9050A | | | | | | | | | |
| Specific Conductance (EC) | 0.372 | | 0.00500 | mmhos/cm | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 4.67 | | 0.247 | mg/kg dry | 10 | B5H2547 | 08/25/2025 | 09/02/2025 | |
| Barium | 229 | | 69.6 | " | " | " | " | " | |
| Cadmium | ND | | 0.323 | " | " | " | " | " | U |
| Copper | ND | | 39.1 | " | " | " | " | " | U |
| Lead | ND | | 11.9 | " | " | " | " | " | U |
| Nickel | ND | | 22.1 | " | " | " | " | " | U |
| Selenium | 0.234 | | 0.209 | " | " | " | " | " | |
| Silver | ND | | 0.679 | " | " | " | " | " | U |
| Zinc | ND | | 314 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESU

SEP-B01@1'

8/20/2025 11:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|-----------------------------------|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-03 (Soil) | | | | | | | | | |
| Enthalpy Orange | | | | | | | | | |
| Total Metals by 7199 | | | | | | | | | |
| Hexavalent Chromium | ND | 0.17 | 0.33 | mg/Kg dry | 1 | 380679 | 08/29/2025 | 09/02/2025 | ND |
| Origins Laboratory | | | | | | | | | |
| Boron (DTPA Sorbitol) | | | | | | | | | |
| (DTPA Sorbitol) Boron | 0.418 | | 0.111 | mg/L dry | 1 | B5H2207 | 08/22/2025 | 08/26/2025 | |
| DRO/ORO by EPA 8015D | | | | | | | | | |
| Diesel (C10-C28) | ND | | 27.9 | mg/kg dry | 1 | B5H2219 | 08/22/2025 | 08/26/2025 | U |
| Residual Range Organics (C28-C36) | ND | | 112 | " | " | " | " | " | U |
| Surrogate: o-Terphenyl | 75.9 % | | | 50-150 | | " | " | " | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | | 0.002 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Benzene | ND | | 0.002 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Toluene | ND | | 0.002 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.002 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B01@1'

8/20/2025 11:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-03 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Gasoline Range Hydrocarbons | ND | | 0.224 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| Surrogate: 1,2-Dichloroethane-d4 | 112 % | | | 70-130 | | " | " | " | |
| Surrogate: Toluene-d8 | 103 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 106 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 2.41 | | 0.499 | meq/L | 10 | [CALC] | 08/22/2025 | 08/26/2025 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.022 | " | " | " | " | " | U |
| Anthracene | ND | | 0.022 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.006 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.022 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.022 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.022 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B01@1'

8/20/2025 11:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-03 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| Chrysene | ND | | 0.022 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| Dibenz (a,h) anthracene | ND | | 0.022 | " | " | " | " | " | U |
| Fluoranthene | ND | | 0.022 | " | " | " | " | " | U |
| Fluorene | ND | | 0.022 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.022 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.022 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 101 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 100 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 102 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 99.9 % | | | 60-130 | | " | " | " | |

Percent Solids

| | | | | | | | | | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|
| Total Solids, Percent | 89.5 | | | mass percent | 1 | B5I0316 | 09/03/2025 | 09/08/2025 | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.90 | | | pH Units | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B01@1'
 8/20/2025 11:30:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-03 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| SAR by 20B Saturated Paste | | | | | | | | | |
| SAR | 0.336 | | 0.0100 | SAR | 1 | B5H2221 | 08/22/2025 | 08/26/2025 | |
| Specific Conductance Mod. 9050A | | | | | | | | | |
| Specific Conductance (EC) | 0.447 | | 0.00500 | mmhos/cm | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 4.69 | | 0.233 | mg/kg dry | 10 | B5H2547 | 08/25/2025 | 09/02/2025 | |
| Barium | 416 | | 65.9 | " | " | " | " | " | |
| Cadmium | ND | | 0.305 | " | " | " | " | " | U |
| Copper | ND | | 37.0 | " | " | " | " | " | U |
| Lead | ND | | 11.2 | " | " | " | " | " | U |
| Nickel | ND | | 20.9 | " | " | " | " | " | U |
| Selenium | 0.217 | | 0.198 | " | " | " | " | " | |
| Silver | ND | | 0.643 | " | " | " | " | " | U |
| Zinc | ND | | 297 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B02@1'

8/20/2025 11:35:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-04 (Soil)
 Enthalpy Orange**

Total Metals by 7199

| | | | | | | | | | |
|---------------------|----|------|------|-----------|---|--------|------------|------------|----|
| Hexavalent Chromium | ND | 0.19 | 0.36 | mg/Kg dry | 1 | 380679 | 08/29/2025 | 09/02/2025 | ND |
|---------------------|----|------|------|-----------|---|--------|------------|------------|----|

Origins Laboratory

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-----------------------|-------|--|-------|----------|---|---------|------------|------------|--|
| (DTPA Sorbitol) Boron | 0.346 | | 0.123 | mg/L dry | 1 | B5H2207 | 08/22/2025 | 08/26/2025 | |
|-----------------------|-------|--|-------|----------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|--|------|-----------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | | 31.0 | mg/kg dry | 1 | B5H2219 | 08/22/2025 | 08/26/2025 | U |
| Residual Range Organics (C28-C36) | ND | | 124 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: o-Terphenyl | 71.9 % | | | 50-150 | | " | " | " | |
|------------------------|--------|--|--|--------|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 0.002 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| 1,3,5-Trimethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Benzene | ND | | 0.002 | " | " | " | " | " | U |
| Ethylbenzene | ND | | 0.002 | " | " | " | " | " | U |
| Toluene | ND | | 0.002 | " | " | " | " | " | U |
| Xylenes, total | ND | | 0.002 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B02@1'

8/20/2025 11:35:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-04 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| GBTEX+TMBs by 8260D | | | | | | | | | |
| Gasoline Range Hydrocarbons | ND | | 0.248 | mg/kg dry | 1 | B5H2512 | 08/25/2025 | 08/27/2025 | U |
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | | | 70-130 | | " | " | " | |
| Surrogate: Toluene-d8 | 103 % | | | 70-130 | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 112 % | | | 70-130 | | " | " | " | |
| Metals by Saturated Paste by EPA 6010 | | | | | | | | | |
| Calcium | 2.33 | | 0.499 | meq/L | 10 | [CALC] | 08/22/2025 | 08/26/2025 | |
| Magnesium | 0.848 | | 0.823 | " | " | " | " | " | |
| Sodium | ND | | 0.435 | " | " | " | " | " | |
| PAH by EPA 8270E extracted via 3580A | | | | | | | | | |
| 1-Methylnaphthalene | ND | | 0.002 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| 2-Methylnaphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | | 0.025 | " | " | " | " | " | U |
| Anthracene | ND | | 0.025 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | | 0.006 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | | 0.025 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | | 0.025 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | | 0.025 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESU

SEP-B02@1'

8/20/2025 11:35:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|-----------------|-----------------|-------|----------|-------|----------|----------|-------|

**E5H0500-04 (Soil)
 Origins Laboratory**

PAH by EPA 8270E extracted via 3580A

| | | | | | | | | | |
|--------------------------|----|--|-------|-----------|---|---------|------------|------------|---|
| Chrysene | ND | | 0.025 | mg/kg dry | 1 | B5H2539 | 08/25/2025 | 08/26/2025 | U |
| Dibenz (a,h) anthracene | ND | | 0.025 | " | " | " | " | " | U |
| Fluoranthene | ND | | 0.025 | " | " | " | " | " | U |
| Fluorene | ND | | 0.025 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | | 0.025 | " | " | " | " | " | U |
| Naphthalene | ND | | 0.002 | " | " | " | " | " | U |
| Pyrene | ND | | 0.025 | " | " | " | " | " | U |

| | | | | | | | | | |
|---------------------------------|--------|--|--|--------|--|---|---|---|--|
| Surrogate: Fluorene-d10 | 99.3 % | | | 60-130 | | " | " | " | |
| Surrogate: Anthracene-d10 | 99.2 % | | | 60-130 | | " | " | " | |
| Surrogate: Pyrene-d10 | 99.9 % | | | 60-130 | | " | " | " | |
| Surrogate: Benzo (a) pyrene-d12 | 99.4 % | | | 60-130 | | " | " | " | |

Percent Solids

| | | | | | | | | | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|
| Total Solids, Percent | 80.7 | | | mass percent | 1 | B5I0316 | 09/03/2025 | 09/08/2025 | |
|-----------------------|------|--|--|--------------|---|---------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.94 | | | pH Units | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B02@1'

8/20/2025 11:35:00AM

| Analyte | Result | Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--|--------|-----------------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-04 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| SAR by 20B Saturated Paste | | | | | | | | | |
| SAR | 0.321 | | 0.0100 | SAR | 1 | B5H2221 | 08/22/2025 | 08/26/2025 | |
| Specific Conductance Mod. 9050A | | | | | | | | | |
| Specific Conductance (EC) | 0.429 | | 0.00500 | mmhos/cm | 1 | B5H2224 | 08/22/2025 | 08/26/2025 | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Arsenic | 6.11 | | 0.259 | mg/kg dry | 10 | B5H2547 | 08/25/2025 | 09/02/2025 | |
| Barium | 261 | | 73.0 | " | " | " | " | " | |
| Cadmium | ND | | 0.339 | " | " | " | " | " | U |
| Copper | ND | | 41.0 | " | " | " | " | " | U |
| Lead | 12.5 | | 12.5 | " | " | " | " | " | |
| Nickel | ND | | 23.2 | " | " | " | " | " | U |
| Selenium | 0.329 | | 0.219 | " | " | " | " | " | |
| Silver | ND | | 0.713 | " | " | " | " | " | U |
| Zinc | ND | | 330 | " | " | " | " | " | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B02@1'

8/20/2025 11:35:00AM

| Analyte | Detection Result | Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|------------------|-------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-04RE1 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Selenium | 0.400 | | 0.206 | mg/kg dry | 10 | B511249 | 09/12/2025 | 09/15/2025 | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

SEP-B02@1'

8/20/2025 11:35:00AM

| Analyte | Detection Result | Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|--------------------------------------|------------------|-------|-----------------|-----------|----------|---------|------------|------------|-------|
| E5H0500-04RE2 (Soil) | | | | | | | | | |
| Origins Laboratory | | | | | | | | | |
| Table 915 metals by EPA 6020B | | | | | | | | | |
| Selenium | 0.378 | | 0.213 | mg/kg dry | 10 | B511249 | 09/12/2025 | 09/15/2025 | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

*** DEFAULT GENERAL METHOD *** - Quality Control

Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B510316 - % Solids

Duplicate (B510316-DUP1)

Source: E5H0462-07

Prepared: 09/03/2025 Analyzed: 09/08/2025

| | | | | | | | | | | |
|-----------------------|------|--|--------------|--|------|--|--|-------|----|--|
| Total Solids, Percent | 95.5 | | mass percent | | 95.7 | | | 0.241 | 20 | |
|-----------------------|------|--|--------------|--|------|--|--|-------|----|--|

Duplicate (B510316-DUP2)

Source: E5H0462-08

Prepared: 09/03/2025 Analyzed: 09/08/2025

| | | | | | | | | | | |
|-----------------------|------|--|--------------|--|------|--|--|--------|----|--|
| Total Solids, Percent | 97.9 | | mass percent | | 97.9 | | | 0.0453 | 20 | |
|-----------------------|------|--|--------------|--|------|--|--|--------|----|--|

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Classical Chemistry Parameters - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2207 - DTPA Sorbitol Preparation

Blank (B5H2207-BLK1)

Prepared: 08/22/2025 Analyzed: 08/26/2025

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

Duplicate (B5H2207-DUP1)

Source: E5H0474-01

Prepared: 08/22/2025 Analyzed: 08/26/2025

(DTPA Sorbitol) Boron 0.0754 0.107 mg/L dry 0.0685 9.64 50 U

Batch B5H2221 - Saturated Paste Metals

Blank (B5H2221-BLK1)

Prepared: 08/22/2025 Analyzed: 08/26/2025

Calcium PPM ND 10.0 mg/L U

SAR ND 0.0100 SAR U

Magnesium PPM ND 10.0 mg/L U

Sodium PPM ND 10.0 " U

Duplicate (B5H2221-DUP1)

Source: E5H0500-01

Prepared: 08/22/2025 Analyzed: 08/26/2025

SAR ND 0.0100 SAR 0.123 200 U

Calcium PPM 140 10.0 mg/L 136 2.35 50 U

Magnesium PPM 8.94 10.0 " 9.10 1.77 50 U

Sodium PPM 5.69 10.0 " 5.49 3.58 50 U

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2539 - EPA 3580

Blank (B5H2539-BLK1)

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|--------------------------|----|-------|-----------|--|--|--|--|--|--|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg wet | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.002 | " | | | | | | | U |
| Acenaphthene | ND | 0.020 | " | | | | | | | U |
| Acenaphthylene | ND | 0.020 | " | | | | | | | U |
| Anthracene | ND | 0.020 | " | | | | | | | U |
| Benzo (a) anthracene | ND | 0.005 | " | | | | | | | U |
| Benzo (a) pyrene | ND | 0.020 | " | | | | | | | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | | | | | | | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | | | | | | | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | | | | | | | U |
| Chrysene | ND | 0.020 | " | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | | | | | | | U |
| Fluoranthene | ND | 0.020 | " | | | | | | | U |
| Fluorene | ND | 0.020 | " | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | | | | | | | U |
| Naphthalene | ND | 0.002 | " | | | | | | | U |
| Phenanthrene | ND | 0.020 | " | | | | | | | U |
| Pyrene | ND | 0.020 | " | | | | | | | U |

| | | | | | | |
|---------------------------------|-----|--|-------|-----|-----|--------|
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | 101 | 60-130 |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | 100 | 60-130 |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | 101 | 60-130 |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | 100 | 60-130 |

LCS (B5H2539-BS1)

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | |
|---------------------|-------|-------|-----------|-------|-----|--------|
| 1-Methylnaphthalene | 0.206 | 0.002 | mg/kg wet | 0.200 | 103 | 70-130 |
| 2-Methylnaphthalene | 0.207 | 0.002 | " | 0.200 | 104 | 70-130 |
| Acenaphthene | 0.202 | 0.020 | " | 0.200 | 101 | 70-130 |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2539 - EPA 3580

LCS (B5H2539-BS1)

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|--------------------------|-------|-------|-----------|-------|--|------|--------|--|--|--|
| Acenaphthylene | 0.202 | 0.020 | mg/kg wet | 0.200 | | 101 | 70-130 | | | |
| Anthracene | 0.196 | 0.020 | " | 0.200 | | 97.9 | 70-130 | | | |
| Benzo (a) anthracene | 0.198 | 0.005 | " | 0.200 | | 99.0 | 70-130 | | | |
| Benzo (a) pyrene | 0.195 | 0.020 | " | 0.200 | | 97.6 | 70-130 | | | |
| Benzo (b) fluoranthene | 0.198 | 0.020 | " | 0.200 | | 98.9 | 70-130 | | | |
| Benzo (g,h,i) perylene | 0.197 | 0.020 | " | 0.200 | | 98.7 | 70-130 | | | |
| Benzo (k) fluoranthene | 0.200 | 0.020 | " | 0.200 | | 100 | 70-130 | | | |
| Chrysene | 0.194 | 0.020 | " | 0.200 | | 96.9 | 70-130 | | | |
| Dibenz (a,h) anthracene | 0.196 | 0.020 | " | 0.200 | | 98.1 | 70-130 | | | |
| Fluoranthene | 0.199 | 0.020 | " | 0.200 | | 99.7 | 70-130 | | | |
| Fluorene | 0.201 | 0.020 | " | 0.200 | | 101 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 0.198 | 0.020 | " | 0.200 | | 98.9 | 70-130 | | | |
| Naphthalene | 0.203 | 0.002 | " | 0.200 | | 102 | 70-130 | | | |
| Phenanthrene | 0.201 | 0.020 | " | 0.200 | | 101 | 70-130 | | | |
| Pyrene | 0.198 | 0.020 | " | 0.200 | | 99.2 | 70-130 | | | |

| | | | | | | | | | | |
|---------------------------------|-----|--|-------|-----|--|------|--------|--|--|--|
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 101 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 98.8 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 98.6 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 101 | 60-130 | | | |

Matrix Spike (B5H2539-MS1)

Source: E5H0536-01

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|----------------------|-------|-------|-----------|-------|--------|------|--------|--|--|--|
| 1-Methylnaphthalene | 0.226 | 0.002 | mg/kg dry | 0.225 | ND | 100 | 70-130 | | | |
| 2-Methylnaphthalene | 0.226 | 0.002 | " | 0.225 | ND | 100 | 70-130 | | | |
| Acenaphthene | 0.221 | 0.023 | " | 0.225 | 0.0005 | 98.0 | 70-130 | | | |
| Acenaphthylene | 0.216 | 0.023 | " | 0.225 | 0.0004 | 95.8 | 70-130 | | | |
| Anthracene | 0.216 | 0.023 | " | 0.225 | ND | 95.9 | 70-130 | | | |
| Benzo (a) anthracene | 0.215 | 0.006 | " | 0.225 | 0.002 | 94.6 | 70-130 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2539 - EPA 3580

Matrix Spike (B5H2539-MS1)

Source: E5H0536-01

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|--------------------------|-------|-------|-----------|-------|--------|------|--------|--|--|--|
| Benzo (a) pyrene | 0.213 | 0.023 | mg/kg dry | 0.225 | 0.002 | 93.7 | 70-130 | | | |
| Benzo (b) fluoranthene | 0.215 | 0.023 | " | 0.225 | 0.002 | 94.3 | 70-130 | | | |
| Benzo (g,h,i) perylene | 0.213 | 0.023 | " | 0.225 | 0.002 | 93.4 | 70-130 | | | |
| Benzo (k) fluoranthene | 0.222 | 0.023 | " | 0.225 | 0.0008 | 98.3 | 70-130 | | | |
| Chrysene | 0.212 | 0.023 | " | 0.225 | 0.003 | 92.9 | 70-130 | | | |
| Dibenz (a,h) anthracene | 0.212 | 0.023 | " | 0.225 | 0.001 | 93.7 | 70-130 | | | |
| Fluoranthene | 0.224 | 0.023 | " | 0.225 | 0.002 | 98.4 | 70-130 | | | |
| Fluorene | 0.224 | 0.023 | " | 0.225 | 0.003 | 98.2 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 0.213 | 0.023 | " | 0.225 | 0.002 | 93.4 | 70-130 | | | |
| Naphthalene | 0.218 | 0.002 | " | 0.225 | ND | 96.9 | 70-130 | | | |
| Phenanthrene | 0.223 | 0.023 | " | 0.225 | 0.001 | 98.5 | 70-130 | | | |
| Pyrene | 0.223 | 0.023 | " | 0.225 | 0.003 | 97.4 | 70-130 | | | |

| | | | | | | | | | | |
|---------------------------------|-----|--|-------|-----|--|------|--------|--|--|--|
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 101 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 99.6 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 100 | 60-130 | | | |

Matrix Spike Dup (B5H2539-MSD1)

Source: E5H0536-01

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|------------------------|-------|-------|-----------|-------|--------|------|--------|-------|----|--|
| 1-Methylnaphthalene | 0.221 | 0.002 | mg/kg dry | 0.225 | ND | 98.2 | 70-130 | 2.24 | 20 | |
| 2-Methylnaphthalene | 0.221 | 0.002 | " | 0.225 | ND | 98.0 | 70-130 | 2.29 | 20 | |
| Acenaphthene | 0.216 | 0.023 | " | 0.225 | 0.0005 | 95.4 | 70-130 | 2.67 | 20 | |
| Acenaphthylene | 0.206 | 0.023 | " | 0.225 | 0.0004 | 91.3 | 70-130 | 4.85 | 20 | |
| Anthracene | 0.213 | 0.023 | " | 0.225 | ND | 94.7 | 70-130 | 1.25 | 20 | |
| Benzo (a) anthracene | 0.213 | 0.006 | " | 0.225 | 0.002 | 93.8 | 70-130 | 0.834 | 20 | |
| Benzo (a) pyrene | 0.206 | 0.023 | " | 0.225 | 0.002 | 90.3 | 70-130 | 3.63 | 20 | |
| Benzo (b) fluoranthene | 0.215 | 0.023 | " | 0.225 | 0.002 | 94.7 | 70-130 | 0.413 | 20 | |
| Benzo (g,h,i) perylene | 0.201 | 0.023 | " | 0.225 | 0.002 | 88.3 | 70-130 | 5.53 | 20 | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2539 - EPA 3580

Matrix Spike Dup (B5H2539-MSD1)

Source: E5H0536-01

Prepared: 08/25/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|---------------------------------|-------|-------|-----------|-------|--------|------|--------|-------|----|--|
| Benzo (k) fluoranthene | 0.215 | 0.023 | mg/kg dry | 0.225 | 0.0008 | 95.1 | 70-130 | 3.27 | 20 | |
| Chrysene | 0.213 | 0.023 | " | 0.225 | 0.003 | 93.4 | 70-130 | 0.517 | 20 | |
| Dibenz (a,h) anthracene | 0.204 | 0.023 | " | 0.225 | 0.001 | 90.0 | 70-130 | 3.94 | 20 | |
| Fluoranthene | 0.224 | 0.023 | " | 0.225 | 0.002 | 98.3 | 70-130 | 0.139 | 20 | |
| Fluorene | 0.219 | 0.023 | " | 0.225 | 0.003 | 95.9 | 70-130 | 2.32 | 20 | |
| Indeno (1,2,3-cd) pyrene | 0.205 | 0.023 | " | 0.225 | 0.002 | 90.0 | 70-130 | 3.65 | 20 | |
| Naphthalene | 0.208 | 0.002 | " | 0.225 | ND | 92.1 | 70-130 | 5.05 | 20 | |
| Phenanthrene | 0.217 | 0.023 | " | 0.225 | 0.001 | 95.5 | 70-130 | 3.00 | 20 | |
| Pyrene | 0.210 | 0.023 | " | 0.225 | 0.003 | 91.7 | 70-130 | 5.93 | 20 | |
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 102 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 98.6 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 99.7 | 60-130 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2219 - EPA 3550B

Prepared: 08/22/2025 Analyzed: 08/25/2025

Blank (B5H2219-BLK1)

| | | | | | | | | | | |
|-----------------------------------|----|------|-----------|------|--|------|--------|--|--|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg wet | | | | | | | U |
| Residual Range Organics (C28-C36) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 21 | | " | 24.9 | | 85.4 | 50-150 | | | |

LCS (B5H2219-BS1)

Prepared: 08/22/2025 Analyzed: 08/25/2025

| | | | | | | | | | | |
|-----------------------------------|------|------|-----------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 995 | 50.0 | mg/kg wet | 1000 | | 99.5 | 70-130 | | | |
| Residual Range Organics (C28-C36) | 1050 | 200 | " | 1000 | | 105 | 70-130 | | | |
| Surrogate: o-Terphenyl | 46 | | " | 49.8 | | 91.9 | 50-150 | | | |

Matrix Spike (B5H2219-MS1)

Source: E5H0474-01

Prepared: 08/22/2025 Analyzed: 08/25/2025

| | | | | | | | | | | |
|-----------------------------------|-------|------|-----------|------|-------|------|--------|--|--|-------|
| Diesel (C10-C28) | 2870 | 53.3 | mg/kg dry | 1070 | 1660 | 113 | 70-130 | | | |
| Residual Range Organics (C28-C36) | 37500 | 213 | " | 1070 | 39000 | NR | 70-130 | | | QM-07 |
| Surrogate: o-Terphenyl | 44 | | " | 53.0 | | 83.7 | 50-150 | | | |

Matrix Spike Dup (B5H2219-MSD1)

Source: E5H0474-01

Prepared: 08/22/2025 Analyzed: 08/25/2025

| | | | | | | | | | | |
|-----------------------------------|-------|------|-----------|------|-------|------|--------|------|----|-------|
| Diesel (C10-C28) | 3080 | 53.3 | mg/kg dry | 1070 | 1660 | 133 | 70-130 | 6.95 | 35 | QM-07 |
| Residual Range Organics (C28-C36) | 42900 | 213 | " | 1070 | 39000 | 368 | 70-130 | 13.2 | 35 | QM-07 |
| Surrogate: o-Terphenyl | 45 | | " | 53.0 | | 84.5 | 50-150 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2547 - EPA 3050B

Blank (B5H2547-BLK1)

Prepared: 08/25/2025 Analyzed: 09/02/2025

| | | | | | | | | | | |
|----------|----|-------|-----------|--|--|--|--|--|--|---|
| Arsenic | ND | 0.218 | mg/kg wet | | | | | | | U |
| Barium | ND | 61.5 | " | | | | | | | U |
| Cadmium | ND | 0.285 | " | | | | | | | U |
| Copper | ND | 34.5 | " | | | | | | | U |
| Lead | ND | 10.5 | " | | | | | | | U |
| Nickel | ND | 19.5 | " | | | | | | | U |
| Selenium | ND | 0.184 | " | | | | | | | U |
| Silver | ND | 0.600 | " | | | | | | | U |
| Zinc | ND | 278 | " | | | | | | | U |

LCS (B5H2547-BS1)

Prepared: 08/25/2025 Analyzed: 09/02/2025

| | | | | | | | | | | |
|----------|------|-------|-----------|------|--|-----|--------|--|--|---|
| Arsenic | 5.50 | 0.218 | mg/kg wet | 5.00 | | 110 | 80-120 | | | |
| Barium | 546 | 61.5 | " | 500 | | 109 | 80-120 | | | |
| Cadmium | 5.58 | 0.285 | " | 5.00 | | 112 | 80-120 | | | |
| Copper | 58.6 | 34.5 | " | 50.0 | | 117 | 80-120 | | | |
| Lead | 5.36 | 10.5 | " | 5.00 | | 107 | 80-120 | | | U |
| Nickel | 5.75 | 19.5 | " | 5.00 | | 115 | 80-120 | | | U |
| Selenium | 5.16 | 0.184 | " | 5.00 | | 103 | 80-120 | | | |
| Silver | 5.68 | 0.600 | " | 5.00 | | 114 | 80-120 | | | |
| Zinc | 57.8 | 278 | " | 50.0 | | 116 | 80-120 | | | U |

Matrix Spike (B5H2547-MS1)

Source: E5H0470-06

Prepared: 08/25/2025 Analyzed: 09/02/2025

| | | | | | | | | | | |
|---------|------|-------|-----------|------|--------|------|--------|--|--|---|
| Arsenic | 6.15 | 0.215 | mg/kg dry | 4.92 | 1.40 | 96.5 | 75-125 | | | |
| Barium | 575 | 60.6 | " | 492 | 44.4 | 108 | 75-125 | | | |
| Cadmium | 5.25 | 0.281 | " | 4.92 | 0.0532 | 106 | 75-125 | | | |
| Copper | 55.6 | 34.0 | " | 49.2 | 3.59 | 106 | 75-125 | | | |
| Lead | 8.36 | 10.3 | " | 4.92 | 3.51 | 98.5 | 75-125 | | | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2547 - EPA 3050B

Matrix Spike (B5H2547-MS1)

Source: E5H0470-06

Prepared: 08/25/2025 Analyzed: 09/02/2025

| | | | | | | | | | | |
|----------|------|-------|-----------|------|--------|------|--------|--|--|---|
| Nickel | 9.16 | 19.2 | mg/kg dry | 4.92 | 4.21 | 101 | 75-125 | | | U |
| Selenium | 4.84 | 0.182 | " | 4.92 | 0.0488 | 97.3 | 75-125 | | | |
| Silver | 5.32 | 0.591 | " | 4.92 | 0.0155 | 108 | 75-125 | | | |
| Zinc | 69.6 | 273 | " | 49.2 | 16.3 | 108 | 75-125 | | | U |

Matrix Spike Dup (B5H2547-MSD1)

Source: E5H0470-06

Prepared: 08/25/2025 Analyzed: 09/02/2025

| | | | | | | | | | | |
|----------|------|-------|-----------|------|--------|-----|--------|------|----|---|
| Arsenic | 7.19 | 0.235 | mg/kg dry | 5.39 | 1.40 | 107 | 75-125 | 15.5 | 20 | |
| Barium | 650 | 66.3 | " | 539 | 44.4 | 112 | 75-125 | 12.2 | 20 | |
| Cadmium | 6.12 | 0.307 | " | 5.39 | 0.0532 | 113 | 75-125 | 15.3 | 20 | |
| Copper | 67.0 | 37.2 | " | 53.9 | 3.59 | 118 | 75-125 | 18.5 | 20 | |
| Lead | 9.76 | 11.3 | " | 5.39 | 3.51 | 116 | 75-125 | 15.4 | 20 | U |
| Nickel | 10.6 | 21.0 | " | 5.39 | 4.21 | 119 | 75-125 | 15.0 | 20 | U |
| Selenium | 5.72 | 0.199 | " | 5.39 | 0.0488 | 105 | 75-125 | 16.6 | 20 | |
| Silver | 6.10 | 0.647 | " | 5.39 | 0.0155 | 113 | 75-125 | 13.6 | 20 | |
| Zinc | 80.1 | 299 | " | 53.9 | 16.3 | 118 | 75-125 | 14.0 | 20 | U |

Batch B5I1249 - EPA 3050B

Blank (B5I1249-BLK1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

| | | | | | | | | | | |
|--------------|-----|-------|-----------|--|--|--|--------|--|--|---|
| Terbium (H2) | 108 | | mg/kg wet | | | | 70-130 | | | |
| Bismuth (H2) | 101 | | " | | | | 70-130 | | | |
| Arsenic | ND | 0.218 | " | | | | | | | U |
| Barium | ND | 61.5 | " | | | | | | | U |
| Cadmium | ND | 0.285 | " | | | | | | | U |
| Copper | ND | 34.5 | " | | | | | | | U |
| Lead | ND | 10.5 | " | | | | | | | U |
| Nickel | ND | 19.5 | " | | | | | | | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B511249 - EPA 3050B

Blank (B511249-BLK1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

| | | | | | | | | | | |
|----------|----|-------|-----------|--|--|--|--|--|--|---|
| Selenium | ND | 0.184 | mg/kg wet | | | | | | | U |
| Silver | ND | 0.600 | " | | | | | | | U |
| Zinc | ND | 278 | " | | | | | | | U |

LCS (B511249-BS1)

Prepared: 09/12/2025 Analyzed: 09/15/2025

| | | | | | | | | | | |
|--------------|------|-------|-----------|------|--|------|--------|--|--|---|
| Bismuth (H2) | 100 | | mg/kg wet | | | | 70-130 | | | |
| Terbium (H2) | 105 | | " | | | | 70-130 | | | |
| Arsenic | 4.90 | 0.218 | " | 5.00 | | 97.9 | 80-120 | | | |
| Barium | 509 | 61.5 | " | 500 | | 102 | 80-120 | | | |
| Cadmium | 5.28 | 0.285 | " | 5.00 | | 106 | 80-120 | | | |
| Copper | 50.8 | 34.5 | " | 50.0 | | 102 | 80-120 | | | |
| Lead | 5.17 | 10.5 | " | 5.00 | | 103 | 80-120 | | | U |
| Nickel | 5.00 | 19.5 | " | 5.00 | | 100 | 80-120 | | | U |
| Selenium | 4.94 | 0.184 | " | 5.00 | | 98.9 | 80-120 | | | |
| Silver | 5.42 | 0.600 | " | 5.00 | | 108 | 80-120 | | | |
| Zinc | 50.5 | 278 | " | 50.0 | | 101 | 80-120 | | | U |

Matrix Spike (B511249-MS1)

Source: E510216-01

Prepared: 09/12/2025 Analyzed: 09/15/2025

| | | | | | | | | | | |
|--------------|------|-------|-----------|------|-------|------|--------|--|--|-------|
| Bismuth (H2) | 105 | | mg/kg dry | | 107 | | 70-130 | | | |
| Terbium (H2) | 112 | | " | | 112 | | 70-130 | | | |
| Arsenic | 11.3 | 0.227 | " | 5.21 | 4.22 | 137 | 75-125 | | | QM-07 |
| Barium | 594 | 64.1 | " | 521 | 106 | 93.7 | 75-125 | | | |
| Cadmium | 5.76 | 0.297 | " | 5.21 | 0.192 | 107 | 75-125 | | | |
| Copper | 62.1 | 35.9 | " | 52.1 | 8.51 | 103 | 75-125 | | | |
| Lead | 16.5 | 10.9 | " | 5.21 | 10.9 | 106 | 75-125 | | | |
| Nickel | 13.9 | 20.3 | " | 5.21 | 9.96 | 75.4 | 75-125 | | | U |
| Selenium | 5.35 | 0.192 | " | 5.21 | 0.282 | 97.3 | 75-125 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B511249 - EPA 3050B

Matrix Spike (B511249-MS1)

Source: E510216-01

Prepared: 09/12/2025 Analyzed: 09/15/2025

| | | | | | | | | | | |
|--------|------|-------|-----------|------|--------|------|--------|--|--|---|
| Silver | 5.45 | 0.625 | mg/kg dry | 5.21 | 0.0381 | 104 | 75-125 | | | |
| Zinc | 93.1 | 289 | " | 52.1 | 45.7 | 90.9 | 75-125 | | | U |

Matrix Spike Dup (B511249-MSD1)

Source: E510216-01

Prepared: 09/12/2025 Analyzed: 09/15/2025

| | | | | | | | | | | |
|--------------|------|-------|-----------|------|--------|------|--------|-------|----|-------------|
| Terbium (H2) | 111 | | mg/kg dry | | 112 | | 70-130 | 1.24 | | |
| Bismuth (H2) | 105 | | " | | 107 | | 70-130 | 0.304 | | |
| Arsenic | 9.03 | 0.226 | " | 5.19 | 4.22 | 92.7 | 75-125 | 22.6 | 20 | QR-DUP |
| Barium | 649 | 63.9 | " | 519 | 106 | 105 | 75-125 | 8.81 | 20 | |
| Cadmium | 5.96 | 0.296 | " | 5.19 | 0.192 | 111 | 75-125 | 3.51 | 20 | |
| Copper | 68.4 | 35.8 | " | 51.9 | 8.51 | 115 | 75-125 | 9.75 | 20 | |
| Lead | 15.6 | 10.9 | " | 5.19 | 10.9 | 89.5 | 75-125 | 5.53 | 20 | |
| Nickel | 13.7 | 20.2 | " | 5.19 | 9.96 | 72.7 | 75-125 | 1.12 | 20 | QM-07, U |
| Selenium | 5.51 | 0.192 | " | 5.19 | 0.282 | 101 | 75-125 | 2.90 | 20 | |
| Silver | 5.94 | 0.623 | " | 5.19 | 0.0381 | 114 | 75-125 | 8.68 | 20 | |
| Zinc | 93.6 | 288 | " | 51.9 | 45.7 | 92.3 | 75-125 | 0.624 | 20 | U |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Saturated Paste - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2224 - Saturated Paste pH/EC

Blank (B5H2224-BLK1)

Prepared: 08/22/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|---------------------------|----|---------|----------|--|--|--|--|--|--|---|
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | U |
|---------------------------|----|---------|----------|--|--|--|--|--|--|---|

Duplicate (B5H2224-DUP1)

Source: E5H0500-01

Prepared: 08/22/2025 Analyzed: 08/26/2025

| | | | | | | | | | | |
|---------------------------|-------|---------|----------|--|-------|--|--|------|--|----|
| pH | 7.81 | | pH Units | | 7.68 | | | 1.68 | | 25 |
| Specific Conductance (EC) | 0.976 | 0.00500 | mmhos/cm | | 0.961 | | | 1.55 | | 25 |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2512 - EPA 5030 (soil)

Prepared: 08/25/2025 Analyzed: 08/27/2025

Blank (B5H2512-BLK1)

| | | | | | | | | | | |
|-----------------------------|----|-------|-----------|--|--|--|--|--|--|---|
| 1,2,4-Trimethylbenzene | ND | 0.002 | mg/kg wet | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.002 | " | | | | | | | U |
| Benzene | ND | 0.002 | " | | | | | | | U |
| Ethylbenzene | ND | 0.002 | " | | | | | | | U |
| Toluene | ND | 0.002 | " | | | | | | | U |
| Xylenes, total | ND | 0.002 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |

| | | | | | | | | | | |
|----------------------------------|------|--|---|-------|-----|--|--------|--|--|--|
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | 109 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | 107 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | 106 | | 70-130 | | | |

LCS (B5H2512-BS1)

Prepared: 08/25/2025 Analyzed: 08/27/2025

| | | | | | | | | | | |
|----------------------------------|-------|-------|-----------|-------|------|--|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.106 | 0.002 | mg/kg wet | 0.100 | 106 | | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.105 | 0.002 | " | 0.100 | 105 | | 70-130 | | | |
| Benzene | 0.097 | 0.002 | " | 0.100 | 97.0 | | 70-130 | | | |
| Ethylbenzene | 0.100 | 0.002 | " | 0.100 | 100 | | 70-130 | | | |
| Toluene | 0.095 | 0.002 | " | 0.100 | 94.8 | | 70-130 | | | |
| o-Xylene | 0.101 | 0.002 | " | 0.100 | 101 | | 70-130 | | | |
| m,p-Xylene | 0.196 | 0.004 | " | 0.200 | 97.9 | | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | 102 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | 103 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | 106 | | 70-130 | | | |

Matrix Spike (B5H2512-MS1)

Source: E5H0498-01

Prepared: 08/25/2025 Analyzed: 08/27/2025

| | | | | | | | | | | |
|------------------------|-------|-------|-----------|-------|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.137 | 0.002 | mg/kg dry | 0.123 | ND | 111 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.138 | 0.002 | " | 0.123 | ND | 112 | 70-130 | | | |
| Benzene | 0.121 | 0.002 | " | 0.123 | ND | 98.2 | 70-130 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B5H2512 - EPA 5030 (soil)

Matrix Spike (B5H2512-MS1)

Source: E5H0498-01

Prepared: 08/25/2025 Analyzed: 08/27/2025

| | | | | | | | | | | |
|----------------------------------|-------|-------|-----------|-------|--------|------|--------|--|--|--|
| Ethylbenzene | 0.149 | 0.002 | mg/kg dry | 0.123 | ND | 121 | 70-130 | | | |
| Toluene | 0.122 | 0.002 | " | 0.123 | 0.001 | 97.9 | 70-130 | | | |
| o-Xylene | 0.143 | 0.002 | " | 0.123 | 0.0009 | 115 | 70-130 | | | |
| m,p-Xylene | 0.293 | 0.005 | " | 0.246 | ND | 119 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.154 | | 87.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.16 | | " | 0.154 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.16 | | " | 0.154 | | 107 | 70-130 | | | |

Matrix Spike Dup (B5H2512-MSD1)

Source: E5H0498-01

Prepared: 08/25/2025 Analyzed: 08/27/2025

| | | | | | | | | | | |
|----------------------------------|-------|-------|-----------|-------|--------|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene | 0.127 | 0.002 | mg/kg dry | 0.123 | ND | 103 | 70-130 | 7.72 | 20 | |
| 1,3,5-Trimethylbenzene | 0.128 | 0.002 | " | 0.123 | ND | 104 | 70-130 | 7.76 | 20 | |
| Benzene | 0.111 | 0.002 | " | 0.123 | ND | 90.1 | 70-130 | 8.54 | 20 | |
| Ethylbenzene | 0.123 | 0.002 | " | 0.123 | ND | 99.7 | 70-130 | 19.0 | 20 | |
| Toluene | 0.109 | 0.002 | " | 0.123 | 0.001 | 87.6 | 70-130 | 11.0 | 20 | |
| o-Xylene | 0.124 | 0.002 | " | 0.123 | 0.0009 | 99.9 | 70-130 | 14.2 | 20 | |
| m,p-Xylene | 0.241 | 0.005 | " | 0.246 | ND | 98.0 | 70-130 | 19.2 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.15 | | " | 0.154 | | 99.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.16 | | " | 0.154 | | 103 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.16 | | " | 0.154 | | 103 | 70-130 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: Mystique - Shirley
 Rother-614S42W33SESW

**Total Metals by 7199 - Quality Control
 Enthalpy Orange**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------|--------|-----------------|-----------|-------------|--|------|-------------|-----|-----------|-------|
| Batch 380679 - EPA 3060A | | | | | | | | | | |
| BLANK (QC1289296) | | | | | | | | | | |
| | | | | | Prepared: 08/29/2025 Analyzed: 09/02/2025 | | | | | |
| Hexavalent Chromium | ND | 0.30 | mg/Kg | | | | - | | | ND |
| LCS (QC1289297) | | | | | | | | | | |
| | | | | | Prepared: 08/29/2025 Analyzed: 09/02/2025 | | | | | |
| Hexavalent Chromium | 40.94 | 0.6000 | mg/Kg | 40.00 | | 102 | 80-120 | | | |
| Duplicate (QC1289302) | | | | | | | | | | |
| | | | | | Source: 540747-001 Prepared: 08/29/2025 Analyzed: 09/02/2025 | | | | | |
| Hexavalent Chromium | ND | 0.3723 | mg/Kg dry | | 0 | | - | | 30 | ND |
| Matrix Spike (QC1289303) | | | | | | | | | | |
| | | | | | Source: 540747-001 Prepared: 08/29/2025 Analyzed: 09/02/2025 | | | | | |
| Hexavalent Chromium | 46.09 | 0.7331 | mg/Kg dry | 48.87 | 0 | 94 | 70-130 | | | |

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Mystique - Shirley
Rother-614S42W33SESW

Notes and Definitions

- U Sample is Non-Detect.
- QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Not Detected
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Origins Laboratory

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.