



August 23, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Christy 3-14

Project Number - [none]

Attached are your analytical results for KMG - Christy 3-14 received by Origins Laboratory, Inc. August 16, 2023. This project is associated with Origins project number Y308424-01.

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, Inc.
303.433.1322
o-squad@oelabinc.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: KMG - Christy 3-14

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|-----------------------|------------------|
| WH-B01@8' | Y308424-01 | Soil | August 16, 2023 12:40 | 08/16/2023 16:10 |
| FL-B01@4' | Y308424-02 | Soil | August 16, 2023 12:42 | 08/16/2023 16:10 |
| WH-BG01@3' | Y308424-03 | Soil | August 16, 2023 13:35 | 08/16/2023 16:10 |
| WH-BG01@6' | Y308424-04 | Soil | August 16, 2023 13:37 | 08/16/2023 16:10 |
| WH-BG02@3' | Y308424-05 | Soil | August 16, 2023 13:39 | 08/16/2023 16:10 |
| WH-BG02@6' | Y308424-06 | Soil | August 16, 2023 13:41 | 08/16/2023 16:10 |
| WH-BG03@3' | Y308424-07 | Soil | August 16, 2023 13:43 | 08/16/2023 16:10 |
| WH-BG03@6' | Y308424-08 | Soil | August 16, 2023 13:45 | 08/16/2023 16:10 |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



VB07424

Initial

page 1 of 1

www.originslaboratory.com

Client: Eagle Environmental (sky)
 Address: 8000 W. 44th ave
 Subject: Wheat Ridge, CO 80033
 Telephone Number: 303-433-0419
 Email Address: dcoloccia@eagle-enviro.com
 Project Manager: D. Coloccia
 Project Name: Christy 3-14
 Project Number: -
 Samples Collected By: AR

| Sample ID Description | Date Sampled | Time Sampled | # of Containers | Preservative | | | Matrix | | | Analysis | | | | | Sample Instructions | | | |
|-----------------------|--------------|--------------|-----------------|--------------|------------------|-------|-------------|------|----------------------|----------|--------|------|-----|-------|---------------------|-----|-------|----|
| | | | | HCl | HNO ₃ | Other | Groundwater | Soil | Air Summa Canister # | Other | ATEX-N | TPHs | TMS | EC/PH | | SAR | Boron | |
| WH-3601e8' | 8-16-23 | 1240 | 3 | X | | | | | X | | | | X | X | X | X | X | |
| FL-3601e4' | | 1242 | 3 | | | | | | | | | | X | X | X | X | X | |
| WH-3601e3' | | 1335 | 2 | | | | | | | | | | X | X | X | X | X | |
| WH-3601e6' | | 1337 | 1 | | | | | | | | | | X | X | X | X | X | |
| WH-3601e3' | | 1339 | 1 | | | | | | | | | | X | X | X | X | X | |
| WH-3601e6' | | 1341 | 1 | | | | | | | | | | X | X | X | X | X | |
| WH-3601e3' | | 1343 | 1 | | | | | | | | | | X | X | X | X | X | |
| WH-3601e6' | | 1345 | 1 | | | | | | | | | | X | X | X | X | X | |
| | | | | | | | | | | | | | | | | | | 10 |

Relinquished By: LT Date: 8-16-23 Time: 1410
 Received By: [Signature] Date: 8/16/23 Time: 1410
 Turnaround Time: Same Day 24 Hr 48 Hr 72 Hr Standard

Temp Received: P Date Results Needed

Origins Laboratory, Inc.

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: YB02424

Client: Eagle

Client Project ID: Christy 3-14

Checklist Completed by: JSTV EHS

Shipped Via: HL

Date/time completed: 8/16/23

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

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 2 °C _____ °C _____ °C (Describe)

Thermometer ID: 7004

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | | / | | SD |
| 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 HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +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.

[Signature]
 Reviewed by (Project Manager)

8/16/23
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-B01@8'

8/16/2023 12:40:00PM

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

Origins Laboratory, Inc.
Y308424-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|
| Boron | 0.143 | 0.101 | mg/L | 1 | B3H1713 | KAP | 08/17/2023 | 08/18/2023 | |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3H1634 | ZZZ | 08/16/2023 | 08/17/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: o-Terphenyl | 114 % | 50-150 | | | " | " | " | " | |
|------------------------|-------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3H1640 | HKS | 08/16/2023 | 08/17/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | HKS | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | HKS | " | " | U |

| | | | | | | | | | |
|----------------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 111 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-B01@8'

8/16/2023 12:40:00PM

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

Origins Laboratory, Inc.
Y308424-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 0.660 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " |
| Sodium | 1.71 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.92 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 2.55 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 0.680 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

FL-B01@4'

8/16/2023 12:42:00PM

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

Origins Laboratory, Inc.
Y308424-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|
| Boron | 0.122 | 0.102 | mg/L | 1 | B3H1713 | KAP | 08/17/2023 | 08/18/2023 | |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3H1634 | ZZZ | 08/16/2023 | 08/17/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|--------------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 113 % | 50-150 | | | " | " | " | " | |
|--------------------------------|-------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3H1640 | HKS | 08/16/2023 | 08/17/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | HKS | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | HKS | " | " | U |

| | | | | | | | | | |
|----------------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 110 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 104 % | 70-130 | | | " | " | " | " | |

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

FL-B01@4'

8/16/2023 12:42:00PM

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

Origins Laboratory, Inc.
 Y308424-02 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 0.529 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 | |
| Magnesium | 1.01 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 1.83 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.72 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 2.09 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.371 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-BG01@3'
8/16/2023 1:35:00PM

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

Origins Laboratory, Inc.
Y308424-03 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.153 | 0.0997 | mg/L | 1 | B3H1713 | KAP | 08/17/2023 | 08/18/2023 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | ND | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 2.44 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.65 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 5.26 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.224 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-BG01@6'
8/16/2023 1:37:00PM

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

Origins Laboratory, Inc.
Y308424-04 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|
| Boron | 0.108 | 0.0993 | mg/L | 1 | B3H1713 | KAP | 08/17/2023 | 08/18/2023 |
|-------|-------|--------|------|---|---------|-----|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 0.574 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 |
| Magnesium | 1.09 | 0.823 | " | " | " | KAP | " | " |
| Sodium | 2.55 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.81 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 2.79 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 0.375 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-BG02@3'
8/16/2023 1:39:00PM

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

Origins Laboratory, Inc.
Y308424-05 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|
| Boron | 0.141 | 0.0996 | mg/L | 1 | B3H1713 | KAP | 08/17/2023 | 08/18/2023 |
|-------|-------|--------|------|---|---------|-----|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 1.81 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " |
| Sodium | 2.31 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 8.19 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 2.09 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 0.282 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-BG02@6'
8/16/2023 1:41:00PM

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

Origins Laboratory, Inc.
Y308424-06 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|-----|------------|------------|
| Boron | 0.261 | 0.102 | mg/L | 1 | B3H1713 | KAP | 08/17/2023 | 08/18/2023 |
|-------|-------|-------|------|---|---------|-----|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 2.61 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " |
| Sodium | 4.52 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.77 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 3.47 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 0.934 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|

Origins Laboratory, Inc.



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: KMG - Christy 3-14

WH-BG03@3'
8/16/2023 1:43:00PM

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

Origins Laboratory, Inc.
Y308424-07 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|-----|------------|------------|
| Boron | 0.249 | 0.100 | mg/L | 1 | B3H1714 | KAP | 08/17/2023 | 08/18/2023 |
|-------|-------|-------|------|---|---------|-----|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 1.97 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 |
| Magnesium | 0.879 | 0.823 | " | " | " | KAP | " | " |
| Sodium | 7.45 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.83 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 6.24 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 1.35 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

WH-BG03@6'
8/16/2023 1:45:00PM

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

Origins Laboratory, Inc.
Y308424-08 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|
| Boron | 0.155 | 0.0993 | mg/L | 1 | B3H1714 | KAP | 08/17/2023 | 08/18/2023 |
|-------|-------|--------|------|---|---------|-----|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 2.10 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/17/2023 | 08/18/2023 |
| Magnesium | 1.02 | 0.823 | " | " | " | KAP | " | " |
| Sodium | 6.78 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.16 | | pH Units | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 5.43 | | SAR | 1 | B3H1716 | KAP | 08/17/2023 | 08/18/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 1.51 | 0.00500 | mmhos/cm | 1 | B3H1720 | ACN | 08/17/2023 | 08/18/2023 |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B3H1634 - EPA 3550B | | | | | | | | | | |
| Blank (B3H1634-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 08/16/2023 Analyzed: 08/16/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 28 | | " | 24.9 | | 111 | 50-150 | | | |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B3H1634 - EPA 3550B | | | | | | | | | | |
| LCS (B3H1634-BS1) | | | | | | | | | | |
| | | | | | Prepared: 08/16/2023 Analyzed: 08/16/2023 | | | | | |
| Diesel (C10-C28) | 786 | 50.0 | mg/kg | 1000 | | 78.6 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 927 | 200 | " | 1000 | | 92.7 | 70-130 | | | |
| Surrogate: o-Terphenyl | 56 | | " | 49.8 | | 112 | 50-150 | | | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1634 - EPA 3550B

| Matrix Spike (B3H1634-MS1) | Source: Y308412-01 | | | Prepared: 08/16/2023 Analyzed: 08/16/2023 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28) | 770 | 50.0 | mg/kg | 1000 | ND | 77.0 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 840 | 200 | " | 1000 | ND | 84.0 | 70-130 | | | |
| Surrogate: o-Terphenyl | 53 | | " | 49.8 | | 106 | 50-150 | | | |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---------------------------|------|-------------|------|-----------|---|
| Batch B3H1634 - EPA 3550B | | | | | | | | | | |
| Matrix Spike Dup (B3H1634-MSD1) | | | | | Source: Y308412-01 | | | | | Prepared: 08/16/2023 Analyzed: 08/16/2023 |
| Diesel (C10-C28) | 744 | 50.0 | mg/kg | 1000 | ND | 74.4 | 70-130 | 3.49 | 35 | |
| Residual Range Organics (C28-C40) | 826 | 200 | " | 1000 | ND | 82.6 | 70-130 | 1.67 | 35 | |
| Surrogate: o-Terphenyl | 51 | | " | 49.8 | | 103 | 50-150 | | | |

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1640 - EPA 5030 (soil)

Blank (B3H1640-BLK1)

Prepared: 08/16/2023 Analyzed: 08/16/2023

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|-----|--|--------|--|--|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Benzene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Naphthalene | ND | 0.00380 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | 111 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | 105 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | 105 | | 70-130 | | | |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Batch B3H1640 - EPA 5030 (soil)

LCS (B3H1640-BS1)

Prepared: 08/16/2023 Analyzed: 08/16/2023

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0966 | 0.00200 | mg/kg | 0.100 | | 96.6 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.103 | 0.00200 | " | 0.100 | | 103 | 70-130 | | | |
| Benzene | 0.0946 | 0.00200 | " | 0.100 | | 94.6 | 70-130 | | | |
| Ethylbenzene | 0.0938 | 0.00200 | " | 0.100 | | 93.8 | 70-130 | | | |
| Naphthalene | 0.0897 | 0.00380 | " | 0.100 | | 89.7 | 70-130 | | | |
| Toluene | 0.101 | 0.00200 | " | 0.100 | | 101 | 70-130 | | | |
| o-Xylene | 0.0859 | 0.00200 | " | 0.100 | | 85.9 | 70-130 | | | |
| m,p-Xylene | 0.177 | 0.00400 | " | 0.200 | | 88.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 104 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.14 | | " | 0.125 | | 111 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 92.6 | 70-130 | | | |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|---------------------------|-------------|---------------|---|-------------|-----|-----------|-------|
| Batch B3H1640 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike (B3H1640-MS1) | | | Source: Y308375-01 | | | Prepared: 08/16/2023 Analyzed: 08/17/2023 | | | | |
| 1,2,4-Trimethylbenzene | 0.0435 | 0.00200 | mg/kg | 0.100 | ND | 43.5 | 70-130 | | | QM-07 |
| 1,3,5-Trimethylbenzene | 0.0434 | 0.00200 | " | 0.100 | ND | 43.4 | 70-130 | | | QM-07 |
| Benzene | 0.0674 | 0.00200 | " | 0.100 | ND | 67.4 | 70-130 | | | QM-07 |
| Ethylbenzene | 0.102 | 0.00200 | " | 0.100 | 0.00170 | 101 | 70-130 | | | |
| Naphthalene | 0.0250 | 0.00380 | " | 0.100 | 0.00112 | 23.9 | 70-130 | | | QM-07 |
| Toluene | 0.0685 | 0.00200 | " | 0.100 | ND | 68.5 | 70-130 | | | QM-07 |
| o-Xylene | 0.0901 | 0.00200 | " | 0.100 | 0.00160 | 88.5 | 70-130 | | | |
| m,p-Xylene | 0.180 | 0.00400 | " | 0.200 | 0.00196 | 89.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | | 115 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.15 | | " | 0.125 | | 119 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.21 | | " | 0.125 | | 169 | 70-130 | | | S-GC |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Batch B3H1640 - EPA 5030 (soil)

| Matrix Spike Dup (B3H1640-MSD1) | Source: Y308375-01 | | | Prepared: 08/16/2023 Analyzed: 08/17/2023 | | | | | | |
|--|---------------------------|---------|-------|--|---------|------|--------|------|----|-------|
| 1,2,4-Trimethylbenzene | 0.0294 | 0.00200 | mg/kg | 0.100 | ND | 29.4 | 70-130 | 38.7 | 20 | QM-07 |
| 1,3,5-Trimethylbenzene | 0.0296 | 0.00200 | " | 0.100 | ND | 29.6 | 70-130 | 37.9 | 20 | QM-07 |
| Benzene | 0.0446 | 0.00200 | " | 0.100 | ND | 44.6 | 70-130 | 40.7 | 20 | QM-07 |
| Ethylbenzene | 0.0708 | 0.00200 | " | 0.100 | 0.00170 | 69.1 | 70-130 | 36.4 | 20 | QM-07 |
| Naphthalene | 0.0188 | 0.00380 | " | 0.100 | 0.00112 | 17.7 | 70-130 | 28.2 | 20 | QM-07 |
| Toluene | 0.0459 | 0.00200 | " | 0.100 | ND | 45.9 | 70-130 | 39.4 | 20 | QM-07 |
| o-Xylene | 0.0622 | 0.00200 | " | 0.100 | 0.00160 | 60.6 | 70-130 | 36.6 | 20 | QM-07 |
| m,p-Xylene | 0.124 | 0.00400 | " | 0.200 | 0.00196 | 61.2 | 70-130 | 36.6 | 20 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.15 | | " | 0.125 | | 124 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.15 | | " | 0.125 | | 120 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.22 | | " | 0.125 | | 176 | 70-130 | | | S-GC |

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1713 - DTPA Sorbitol Preparation

Blank (B3H1713-BLK1)

Prepared: 08/17/2023 Analyzed: 08/18/2023

Boron ND 0.100 mg/L

Duplicate (B3H1713-DUP1)

Source: Y308105-12

Prepared: 08/17/2023 Analyzed: 08/18/2023

Boron 0.203 0.102 mg/L 0.213 4.94 50

Batch B3H1714 - DTPA Sorbitol Preparation

Blank (B3H1714-BLK1)

Prepared: 08/17/2023 Analyzed: 08/18/2023

Boron ND 0.100 mg/L

Duplicate (B3H1714-DUP1)

Source: Y308330-01

Prepared: 08/17/2023 Analyzed: 08/18/2023

Boron ND 0.102 mg/L ND 50

Batch B3H1716 - Saturated Paste Metals

Blank (B3H1716-BLK1)

Prepared: 08/17/2023 Analyzed: 08/18/2023

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B3H1716-DUP1)

Source: Y308416-01

Prepared: 08/17/2023 Analyzed: 08/18/2023

Calcium PPM 70.5 10.0 mg/L 61.3 13.9 50

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1716 - Saturated Paste Metals

| Duplicate (B3H1716-DUP1) | Source: Y308416-01 | | | Prepared: 08/17/2023 Analyzed: 08/18/2023 | | | | | | |
|--------------------------|--------------------|------|------|---|--|--|--|------|-----|--|
| SAR | 0.00 | | SAR | 0.826 | | | | 200 | 200 | |
| Magnesium PPM | 34.9 | 10.0 | mg/L | 31.0 | | | | 11.9 | 50 | |
| Sodium PPM | 34.2 | 10.0 | " | 31.8 | | | | 7.30 | 50 | |

Origins Laboratory, Inc.



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1720 - Saturated Paste pH/EC

Blank (B3H1720-BLK1)

Prepared: 08/17/2023 Analyzed: 08/18/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B3H1720-DUP1)

Source: Y308416-01

Prepared: 08/17/2023 Analyzed: 08/18/2023

| | | | | | | | | | |
|---------------------------|-------|---------|----------|--|-------|--|-------|----|--|
| Specific Conductance (EC) | 0.869 | 0.00500 | mmhos/cm | | 0.872 | | 0.345 | 25 | |
| pH | 8.02 | | pH Units | | 8.03 | | 0.125 | 25 | |

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Christy 3-14

Notes and Definitions

U Sample is Non-Detect.

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

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 Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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.

Jordan A. Bynon, Project Manager



August 17, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Christy 3-14

Project Number - [none]

Attached are your analytical results for KMG - Christy 3-14 received by Origins Laboratory, Inc. August 16, 2023. This project is associated with Origins project number Y308428-01.

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, Inc.
303.433.1322
o-squad@oelabinc.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: KMG - Christy 3-14

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------------|------------------|
| GW-01 | Y308428-01 | Water | August 16, 2023 13:47 | 08/16/2023 16:10 |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4307428

Client: Eagle

Client Project ID: Christy 3-14

Checklist Completed by: JHP/EMS

Shipped Via: HLV

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

Date/time completed: 7/16/13

Airbill #: N/A

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

Cooler Number/Temperature: 1, 8 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 7004

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | | / | | SD |
| 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 HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH) | / | | | SC |
| 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.

JHP
 Reviewed by (Project Manager)

7/16/13
 Date/Time Reviewed

Origins Laboratory, Inc.



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: KMG - Christy 3-14

GW-01
8/16/2023 1:47:00PM

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

Origins Laboratory, Inc.
Y308428-01 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 4.54 | 2.00 | ug/L | 1 | B3H1625 | SM | 08/16/2023 | 08/16/2023 | |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | SM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | SM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | SM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | SM | " | " | U |
| Toluene | 2.87 | 1.00 | " | " | " | SM | " | " | |
| Xylenes, total | 10.1 | 1.00 | " | " | " | SM | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 99.9 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 99.6 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 94.0 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

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

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

Batch B3H1625 - EPA 5030B (Water)

Blank (B3H1625-BLK1)

Prepared: 08/16/2023 Analyzed: 08/16/2023

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | | | | | | | U |
| Benzene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Naphthalene | ND | 2.00 | " | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 63 | | " | 62.5 | 101 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 60 | | " | 62.5 | 96.3 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | 97.1 | | 70-130 | | | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

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

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

Batch B3H1625 - EPA 5030B (Water)

LCS (B3H1625-BS1)

Prepared: 08/16/2023 Analyzed: 08/16/2023

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 41.6 | 2.00 | ug/L | 50.0 | | 83.2 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 42.3 | 2.00 | " | 50.0 | | 84.6 | 70-130 | | | |
| Benzene | 44.6 | 1.00 | " | 50.0 | | 89.2 | 70-130 | | | |
| Ethylbenzene | 43.5 | 1.00 | " | 50.0 | | 87.0 | 70-130 | | | |
| m,p-Xylene | 82.6 | 2.00 | " | 100 | | 82.6 | 70-130 | | | |
| Naphthalene | 41.7 | 2.00 | " | 50.0 | | 83.4 | 70-130 | | | |
| o-Xylene | 37.9 | 1.00 | " | 50.0 | | 75.9 | 70-130 | | | |
| Toluene | 42.7 | 1.00 | " | 50.0 | | 85.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 97.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 98.9 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 70-130 | | | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

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

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

Batch B3H1625 - EPA 5030B (Water)

| Matrix Spike (B3H1625-MS1) | Source: Y308368-01 | | | Prepared: 08/16/2023 Analyzed: 08/16/2023 | | | | | | |
|----------------------------------|--------------------|------|------|---|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 48.6 | 2.00 | ug/L | 50.0 | ND | 97.3 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 49.1 | 2.00 | " | 50.0 | ND | 98.2 | 70-130 | | | |
| Benzene | 51.7 | 1.00 | " | 50.0 | ND | 103 | 70-130 | | | |
| Ethylbenzene | 50.7 | 1.00 | " | 50.0 | ND | 101 | 70-130 | | | |
| m,p-Xylene | 96.2 | 2.00 | " | 100 | ND | 96.2 | 70-130 | | | |
| Naphthalene | 44.4 | 2.00 | " | 50.0 | ND | 88.9 | 70-130 | | | |
| o-Xylene | 43.6 | 1.00 | " | 50.0 | ND | 87.2 | 70-130 | | | |
| Toluene | 49.7 | 1.00 | " | 50.0 | ND | 99.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 60 | | " | 62.5 | | 95.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 98.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 99.9 | 70-130 | | | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

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

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

Batch B3H1625 - EPA 5030B (Water)

| Matrix Spike Dup (B3H1625-MSD1) | Source: Y308368-01 | | | Prepared: 08/16/2023 Analyzed: 08/16/2023 | | | | | | |
|----------------------------------|--------------------|------|------|---|----|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 46.6 | 2.00 | ug/L | 50.0 | ND | 93.2 | 70-130 | 4.30 | 20 | |
| 1,3,5-Trimethylbenzene | 47.2 | 2.00 | " | 50.0 | ND | 94.5 | 70-130 | 3.82 | 20 | |
| Benzene | 49.8 | 1.00 | " | 50.0 | ND | 99.7 | 70-130 | 3.66 | 20 | |
| Ethylbenzene | 50.2 | 1.00 | " | 50.0 | ND | 100 | 70-130 | 0.971 | 20 | |
| m,p-Xylene | 92.7 | 2.00 | " | 100 | ND | 92.7 | 70-130 | 3.75 | 20 | |
| Naphthalene | 45.6 | 2.00 | " | 50.0 | ND | 91.1 | 70-130 | 2.51 | 20 | |
| o-Xylene | 42.2 | 1.00 | " | 50.0 | ND | 84.3 | 70-130 | 3.40 | 20 | |
| Toluene | 47.7 | 1.00 | " | 50.0 | ND | 95.4 | 70-130 | 4.21 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 96.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 70-130 | | | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

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 at a wet weight basis.

Origins Laboratory, Inc.



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.

Jen Pellegrini For Jordan A. Bynon, Project Manager



August 24, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Christy 3-14

Project Number - [none]

Attached are your analytical results for KMG - Christy 3-14 received by Origins Laboratory, Inc. August 17, 2023. This project is associated with Origins project number Y308451-01.

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, Inc.
303.433.1322
o-squad@oelabinc.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: KMG - Christy 3-14

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------------|------------------|
| FL-B02@5' | Y308451-01 | Soil | August 17, 2023 13:40 | 08/17/2023 14:40 |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4308451

Client: Eagle

Client Project ID: Christy 3-14

Checklist Completed by: EH5

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

Date/time completed: 8/17/23

Airbill #: N/A

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

Cooler Number/Temperature: 112 °C 1 °C 1 °C (Describe) 1 °C

Thermometer ID: T004

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | X | | | |
| Is there ice present (document if blue ice is used) | X | | | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | | X | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | | X | | |
| Were all samples received intact ⁽¹⁾ ? | X | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | X | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | | X | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | X | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | X | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | X | | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | X | | | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | | | X | |
| 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) | | | X | |
| 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.

[Signature]
 Reviewed by (Project Manager)

8/17/23
 Date/Time Reviewed

Origins Laboratory, Inc.

[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.

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

FL-B02@5'

8/17/2023 1:40:00PM

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

Origins Laboratory, Inc.
Y308451-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|
| Boron | 0.413 | 0.101 | mg/L | 1 | B3H1809 | KAP | 08/18/2023 | 08/21/2023 | |
|-------|-------|-------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3H1733 | ZZZ | 08/17/2023 | 08/18/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 87.6 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3H1738 | SM | 08/17/2023 | 08/17/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | SM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | SM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | SM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | SM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | SM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | SM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | SM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 98.1 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 93.3 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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: KMG - Christy 3-14

FL-B02@5'

8/17/2023 1:40:00PM

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

Origins Laboratory, Inc.
Y308451-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 2.24 | 0.499 | meq/L | 10 | [CALC] | KAP | 08/18/2023 | 08/21/2023 |
| Magnesium | 1.03 | 0.823 | " | " | " | KAP | " | " |
| Sodium | ND | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 8.10 | | pH Units | 1 | B3H1818 | ACN | 08/18/2023 | 08/19/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|--------|--|-----|---|---------|-----|------------|------------|
| SAR | 0.0708 | | SAR | 1 | B3H1813 | KAP | 08/18/2023 | 08/21/2023 |
|-----|--------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 0.424 | 0.00500 | mmhos/cm | 1 | B3H1818 | ACN | 08/18/2023 | 08/19/2023 |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|

Origins Laboratory, Inc.



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: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B3H1733 - EPA 3550B | | | | | | | | | | |
| Blank (B3H1733-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 08/17/2023 Analyzed: 08/18/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 24 | | " | 24.9 | | 95.2 | 50-150 | | | |

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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1733 - EPA 3550B

LCS (B3H1733-BS1)

Prepared: 08/17/2023 Analyzed: 08/18/2023

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 951 | 50.0 | mg/kg | 1000 | | 95.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1000 | 200 | " | 1000 | | 100 | 70-130 | | | |
| Surrogate: o-Terphenyl | 56 | | " | 49.8 | | 112 | 50-150 | | | |

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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1733 - EPA 3550B

| Matrix Spike (B3H1733-MS1) | Source: Y308446-21 | | | Prepared: 08/17/2023 Analyzed: 08/18/2023 | | | | | | |
|-----------------------------------|---------------------------|------|-------|--|----|------|--------|--|--|--|
| Diesel (C10-C28) | 874 | 50.0 | mg/kg | 1000 | ND | 87.4 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 912 | 200 | " | 1000 | ND | 91.2 | 70-130 | | | |
| Surrogate: o-Terphenyl | 51 | | " | 49.8 | | 103 | 50-150 | | | |

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Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1733 - EPA 3550B

| Matrix Spike Dup (B3H1733-MSD1) | Source: Y308446-21 | | | Prepared: 08/17/2023 Analyzed: 08/18/2023 | | | | | | |
|--|---------------------------|------|-------|--|----|------|--------|-------|----|--|
| Diesel (C10-C28) | 870 | 50.0 | mg/kg | 1000 | ND | 87.0 | 70-130 | 0.488 | 35 | |
| Residual Range Organics (C28-C40) | 910 | 200 | " | 1000 | ND | 91.0 | 70-130 | 0.312 | 35 | |
| Surrogate: o-Terphenyl | 55 | | " | 49.8 | | 111 | 50-150 | | | |

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 Project Number: [none]
 Project: KMG - Christy 3-14

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1738 - EPA 5030 (soil)

Blank (B3H1738-BLK1)

Prepared: 08/17/2023 Analyzed: 08/17/2023

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Benzene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Naphthalene | ND | 0.00380 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | 108 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | 98.9 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 92.2 | | 70-130 | | | |

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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Batch B3H1738 - EPA 5030 (soil)

LCS (B3H1738-BS1)

Prepared: 08/17/2023 Analyzed: 08/17/2023

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0844 | 0.00200 | mg/kg | 0.100 | | 84.4 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0846 | 0.00200 | " | 0.100 | | 84.6 | 70-130 | | | |
| Benzene | 0.0847 | 0.00200 | " | 0.100 | | 84.7 | 70-130 | | | |
| Ethylbenzene | 0.0860 | 0.00200 | " | 0.100 | | 86.0 | 70-130 | | | |
| Naphthalene | 0.110 | 0.00380 | " | 0.100 | | 110 | 70-130 | | | |
| Toluene | 0.0820 | 0.00200 | " | 0.100 | | 82.0 | 70-130 | | | |
| o-Xylene | 0.0846 | 0.00200 | " | 0.100 | | 84.6 | 70-130 | | | |
| m,p-Xylene | 0.171 | 0.00400 | " | 0.200 | | 85.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.5 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |

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Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Batch B3H1738 - EPA 5030 (soil)

| Matrix Spike (B3H1738-MS1) | Source: Y308446-21 | | | Prepared: 08/17/2023 Analyzed: 08/17/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0794 | 0.00200 | mg/kg | 0.100 | ND | 79.4 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0796 | 0.00200 | " | 0.100 | ND | 79.6 | 70-130 | | | |
| Benzene | 0.0780 | 0.00200 | " | 0.100 | ND | 78.0 | 70-130 | | | |
| Ethylbenzene | 0.0806 | 0.00200 | " | 0.100 | ND | 80.6 | 70-130 | | | |
| Naphthalene | 0.103 | 0.00380 | " | 0.100 | ND | 103 | 70-130 | | | |
| Toluene | 0.0764 | 0.00200 | " | 0.100 | ND | 76.4 | 70-130 | | | |
| o-Xylene | 0.0800 | 0.00200 | " | 0.100 | ND | 80.0 | 70-130 | | | |
| m,p-Xylene | 0.162 | 0.00400 | " | 0.200 | ND | 81.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 107 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.1 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |

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Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Batch B3H1738 - EPA 5030 (soil)

| Matrix Spike Dup (B3H1738-MSD1) | Source: Y308446-21 | Prepared: 08/17/2023 | Analyzed: 08/17/2023 | | | | | | |
|----------------------------------|--------------------|----------------------|----------------------|-------|----|------|--------|-------|----|
| 1,2,4-Trimethylbenzene | 0.0758 | 0.00200 | mg/kg | 0.100 | ND | 75.8 | 70-130 | 4.59 | 20 |
| 1,3,5-Trimethylbenzene | 0.0769 | 0.00200 | " | 0.100 | ND | 76.9 | 70-130 | 3.48 | 20 |
| Benzene | 0.0773 | 0.00200 | " | 0.100 | ND | 77.3 | 70-130 | 0.824 | 20 |
| Ethylbenzene | 0.0778 | 0.00200 | " | 0.100 | ND | 77.8 | 70-130 | 3.53 | 20 |
| Naphthalene | 0.107 | 0.00380 | " | 0.100 | ND | 107 | 70-130 | 4.37 | 20 |
| Toluene | 0.0778 | 0.00200 | " | 0.100 | ND | 77.8 | 70-130 | 1.82 | 20 |
| o-Xylene | 0.0782 | 0.00200 | " | 0.100 | ND | 78.2 | 70-130 | 2.20 | 20 |
| m,p-Xylene | 0.157 | 0.00400 | " | 0.200 | ND | 78.6 | 70-130 | 3.10 | 20 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 108 | 70-130 | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 101 | 70-130 | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | |

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 Project Number: [none]
 Project: KMG - Christy 3-14

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

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

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

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

Batch B3H1809 - DTPA Sorbitol Preparation

Blank (B3H1809-BLK1)

Prepared: 08/18/2023 Analyzed: 08/21/2023

Boron ND 0.100 mg/L

Duplicate (B3H1809-DUP1)

Source: Y308450-04

Prepared: 08/18/2023 Analyzed: 08/21/2023

Boron 0.170 0.0992 mg/L 0.140 19.5 50

Batch B3H1813 - Saturated Paste Metals

Blank (B3H1813-BLK1)

Prepared: 08/18/2023 Analyzed: 08/21/2023

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

Duplicate (B3H1813-DUP1)

Source: Y308450-04

Prepared: 08/18/2023 Analyzed: 08/21/2023

Calcium PPM 30.3 10.0 mg/L 35.2 14.9 50

SAR 0.00 SAR 0.239 200 200

Magnesium PPM 2.84 10.0 mg/L 3.20 11.9 50

Sodium PPM 4.69 10.0 " 5.51 16.1 50

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Dan Coloccia
 Project Number: [none]
 Project: KMG - Christy 3-14

Saturated Paste - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|----------|-------------|---|------|-------------|-------|-----------|-------|
| Batch B3H1818 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B3H1818-BLK1) | | | | | Prepared: 08/18/2023 Analyzed: 08/19/2023 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | |
| Duplicate (B3H1818-DUP1) | | | | | Source: Y308450-04 Prepared: 08/18/2023 Analyzed: 08/19/2023 | | | | | |
| Specific Conductance (EC) | 0.258 | 0.00500 | mmhos/cm | | 0.290 | | | 11.8 | 25 | |
| pH | 8.15 | | pH Units | | 8.12 | | | 0.369 | 25 | |

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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Christy 3-14

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 at a wet weight basis.

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Jordan A. Bynon, Project Manager