



December 12, 2022

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 37-11 WH

Project Number - [none]

Attached are your analytical results for KMG - PSC 37-11 WH received by Origins Laboratory, Inc. December 02, 2022. This project is associated with Origins project number Y212054-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 37-11 WH

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|------------------------|------------------|
| WH-B01@6' | Y212054-01 | Soil | December 2, 2022 14:10 | 12/02/2022 17:30 |
| WH-BG01@3' | Y212054-02 | Soil | December 2, 2022 14:28 | 12/02/2022 17:30 |
| WH-BG01@6' | Y212054-03 | Soil | December 2, 2022 14:30 | 12/02/2022 17:30 |
| WH-BG02@3' | Y212054-04 | Soil | December 2, 2022 14:32 | 12/02/2022 17:30 |
| WH-BG02@6' | Y212054-05 | Soil | December 2, 2022 14:34 | 12/02/2022 17:30 |
| WH-BG03@3' | Y212054-06 | Soil | December 2, 2022 14:36 | 12/02/2022 17:30 |
| WH-BG03@6' | Y212054-07 | Soil | December 2, 2022 14:38 | 12/02/2022 17:30 |
| WH-BG04@3' | Y212054-08 | Soil | December 2, 2022 14:40 | 12/02/2022 17:30 |
| WH-BG04@6' | Y212054-09 | Soil | December 2, 2022 14:42 | 12/02/2022 17:30 |
| FL-B01@4' | Y212054-10 | Soil | December 2, 2022 14:44 | 12/02/2022 17:30 |
| GW01 | Y212054-11 | Water | December 2, 2022 14:46 | 12/02/2022 17:30 |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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

Sample Receipt Checklist

Origins Work Order: 4212054 Client: Tasman
 Checklist Completed by: JSM/RS Client Project ID: PSC 37-11 WH
 Date/time completed: 12/02/22 Shipped Via: HD
 (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, 1 °C / _____ °C / _____ °C (Describe)
 Thermometer ID: TOM

| 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 plus 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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH) | <input checked="" type="checkbox"/> | | | not checked |
| 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 in the additional comments (above) and the case narrative.


 Reviewed by (Project Manager) 12/02/2022
Date/Time Reviewed

Origins Laboratory, Inc.


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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-B01@6'
12/2/2022 2:10:00PM

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

Origins Laboratory, Inc.
Y212054-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.652 | 0.0999 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0217 | ADM | 12/02/2022 | 12/03/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 63.3 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|---------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.00600 | 0.00200 | mg/kg | 1 | B2L0229 | ZZZ | 12/02/2022 | 12/02/2022 | |
| 1,3,5-Trimethylbenzene | 0.00220 | 0.00200 | " | " | " | ZZZ | " | " | |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | 0.00222 | 0.00200 | " | " | " | ZZZ | " | " | |
| Naphthalene | ND | 0.00380 | " | " | " | ZZZ | " | " | U |
| Toluene | 0.00280 | 0.00200 | " | " | " | ZZZ | " | " | |
| Xylenes, total | 0.0105 | 0.00200 | " | " | " | ZZZ | " | " | |
| Gasoline Range Hydrocarbons | 0.991 | 0.200 | " | " | " | ZZZ | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 105 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 86.0 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 88.1 % | 70-130 | | | " | " | " | " | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-B01@6'
12/2/2022 2:10:00PM

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

Origins Laboratory, Inc.
Y212054-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 4.76 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 9.06 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.86 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 5.86 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.54 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG01@3'
12/2/2022 2:28:00PM

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

Origins Laboratory, Inc.
Y212054-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|
| Boron | ND | 0.0997 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|--------------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 0.687 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 2.34 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|-------------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.14 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|-------------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 3.36 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|-------------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|--------------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.427 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|--------------|---------|----------|---|---------|-----|------------|------------|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG01@6'
12/2/2022 2:30:00PM

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

Origins Laboratory, Inc.
Y212054-03 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|
| Boron | ND | 0.0999 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|--------------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | ND | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 0.984 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|-------------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.89 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|-------------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 1.96 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|-------------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|--------------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.220 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|--------------|---------|----------|---|---------|-----|------------|------------|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG02@3'
12/2/2022 2:32:00PM

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

Origins Laboratory, Inc.
Y212054-04 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|
| Boron | ND | 0.998 | mg/L | 10 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|---|--------|-----|------------|------------|--|
| Calcium | 3.20 | 0.499 | meq/L | " | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | 1.23 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 8.26 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.19 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 5.55 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.40 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG02@6'
12/2/2022 2:34:00PM

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

Origins Laboratory, Inc.
Y212054-05 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|
| Boron | ND | 0.0997 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 0.520 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 1.46 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.97 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 2.39 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.295 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG03@3'
12/2/2022 2:36:00PM

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

Origins Laboratory, Inc.
Y212054-06 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|
| Boron | ND | 0.997 | mg/L | 10 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|---|--------|-----|------------|------------|--|
| Calcium | 1.36 | 0.499 | meq/L | " | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 6.87 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.58 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 7.02 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.05 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG03@6'
12/2/2022 2:38:00PM

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

Origins Laboratory, Inc.
Y212054-07 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|
| Boron | ND | 0.999 | mg/L | 10 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|---|--------|-----|------------|------------|--|
| Calcium | 1.55 | 0.499 | meq/L | " | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 12.8 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.13 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 12.2 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.63 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG04@3'
12/2/2022 2:40:00PM

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

Origins Laboratory, Inc.
Y212054-08 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|
| Boron | 0.246 | 0.0999 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 |
|-------|-------|--------|------|---|---------|-----|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 8.37 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 |
| Magnesium | 2.97 | 0.823 | " | " | " | KAP | " | " |
| Sodium | 7.13 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 8.08 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 3.00 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 1.73 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

WH-BG04@6'
12/2/2022 2:42:00PM

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

Origins Laboratory, Inc.
Y212054-09 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|
| Boron | ND | 0.0995 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 0.515 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 1.52 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.00 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 2.51 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.316 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-B01@4'
12/2/2022 2:44:00PM

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

Origins Laboratory, Inc.
Y212054-10 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.950 | 0.0995 | mg/L | 1 | B2L0302 | KAP | 12/03/2022 | 12/07/2022 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0217 | ADM | 12/02/2022 | 12/03/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 67.0 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0229 | ZZZ | 12/02/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 99.9 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 87.4 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 87.8 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-B01@4'

12/2/2022 2:44:00PM

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

Origins Laboratory, Inc.
 Y212054-10 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 2.21 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/05/2022 | 12/06/2022 | |
| Magnesium | 1.21 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 5.47 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.19 | | pH Units | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 4.19 | | SAR | 1 | B2L0505 | KAP | 12/05/2022 | 12/06/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.931 | 0.00500 | mmhos/cm | 1 | B2L0507 | HJD | 12/05/2022 | 12/06/2022 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

GW01

12/2/2022 2:46:00PM

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

**Origins Laboratory, Inc.
 Y212054-11 (Water)**

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|-------------|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B2L0138 | JSM | 12/02/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | 2.87 | 1.00 | " | " | " | JSM | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 94.5 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 105 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0138 - EPA 5030B (Water)

Blank (B2L0138-BLK1)

Prepared: 12/01/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 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 | 56 | | " | 62.5 | 89.8 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 64 | | " | 62.5 | 102 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 65 | | " | 62.5 | 104 | | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0138 - EPA 5030B (Water)

LCS (B2L0138-BS1)

Prepared: 12/01/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 52.0 | 2.00 | ug/L | 50.0 | | 104 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 49.0 | 2.00 | " | 50.0 | | 97.9 | 70-130 | | | |
| Benzene | 45.2 | 1.00 | " | 50.0 | | 90.4 | 70-130 | | | |
| Ethylbenzene | 52.1 | 1.00 | " | 50.0 | | 104 | 70-130 | | | |
| m,p-Xylene | 105 | 2.00 | " | 100 | | 105 | 70-130 | | | |
| Naphthalene | 51.5 | 2.00 | " | 50.0 | | 103 | 70-130 | | | |
| o-Xylene | 47.0 | 1.00 | " | 50.0 | | 94.0 | 70-130 | | | |
| Toluene | 52.0 | 1.00 | " | 50.0 | | 104 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 55 | | " | 62.5 | | 88.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 68 | | " | 62.5 | | 108 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 97.0 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0138 - EPA 5030B (Water)

| Matrix Spike (B2L0138-MS1) | Source: Y212024-01 | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | | |
|-----------------------------------|---------------------------|------|------|--|-------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 55.4 | 2.00 | ug/L | 50.0 | ND | 111 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 54.8 | 2.00 | " | 50.0 | ND | 110 | 70-130 | | | |
| Benzene | 48.1 | 1.00 | " | 50.0 | ND | 96.2 | 70-130 | | | |
| Ethylbenzene | 56.5 | 1.00 | " | 50.0 | ND | 113 | 70-130 | | | |
| m,p-Xylene | 111 | 2.00 | " | 100 | 0.230 | 111 | 70-130 | | | |
| Naphthalene | 49.1 | 2.00 | " | 50.0 | 0.170 | 97.9 | 70-130 | | | |
| o-Xylene | 49.4 | 1.00 | " | 50.0 | ND | 98.7 | 70-130 | | | |
| Toluene | 56.2 | 1.00 | " | 50.0 | ND | 112 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 55 | | " | 62.5 | | 87.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 68 | | " | 62.5 | | 108 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 99.3 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0138 - EPA 5030B (Water)

| Matrix Spike Dup (B2L0138-MSD1) | Source: Y212024-01 | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | | |
|----------------------------------|--------------------|------|------|---|-------|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene | 52.4 | 2.00 | ug/L | 50.0 | ND | 105 | 70-130 | 5.58 | 20 | |
| 1,3,5-Trimethylbenzene | 50.9 | 2.00 | " | 50.0 | ND | 102 | 70-130 | 7.45 | 20 | |
| Benzene | 47.5 | 1.00 | " | 50.0 | ND | 94.9 | 70-130 | 1.36 | 20 | |
| Ethylbenzene | 55.8 | 1.00 | " | 50.0 | ND | 112 | 70-130 | 1.32 | 20 | |
| m,p-Xylene | 107 | 2.00 | " | 100 | 0.230 | 107 | 70-130 | 3.49 | 20 | |
| Naphthalene | 48.3 | 2.00 | " | 50.0 | 0.170 | 96.3 | 70-130 | 1.68 | 20 | |
| o-Xylene | 47.4 | 1.00 | " | 50.0 | ND | 94.8 | 70-130 | 4.03 | 20 | |
| Toluene | 54.6 | 1.00 | " | 50.0 | ND | 109 | 70-130 | 2.90 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 55 | | " | 62.5 | | 87.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 67 | | " | 62.5 | | 108 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 56 | | " | 62.5 | | 90.1 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0217 - EPA 3580 | | | | | | | | | | |
| Blank (B2L0217-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 12/02/2022 Analyzed: 12/02/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 23 | | " | 24.9 | | 92.6 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0217 - EPA 3580

LCS (B2L0217-BS1)

Prepared: 12/02/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 1150 | 50.0 | mg/kg | 1000 | | 115 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1070 | 200 | " | 1000 | | 107 | 70-130 | | | |
| Surrogate: o-Terphenyl | 46 | | " | 49.8 | | 92.4 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0217 - EPA 3580

| Matrix Spike (B2L0217-MS1) | Source: Y212044-01 | | | Prepared: 12/02/2022 Analyzed: 12/02/2022 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28) | 1010 | 50.0 | mg/kg | 1000 | ND | 101 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 896 | 200 | " | 1000 | ND | 89.6 | 70-130 | | | |
| Surrogate: o-Terphenyl | 35 | | " | 49.8 | | 70.3 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0217 - EPA 3580

| Matrix Spike Dup (B2L0217-MSD1) | Source: Y212044-01 | | | Prepared: 12/02/2022 Analyzed: 12/02/2022 | | | | | | |
|--|---------------------------|------|-------|--|----|------|--------|-------|----|--|
| Diesel (C10-C28) | 1050 | 50.0 | mg/kg | 1000 | ND | 105 | 70-130 | 4.21 | 35 | |
| Residual Range Organics (C28-C40) | 903 | 200 | " | 1000 | ND | 90.3 | 70-130 | 0.770 | 35 | |
| Surrogate: o-Terphenyl | 36 | | " | 49.8 | | 72.7 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0229 - EPA 5030 (soil)

Blank (B2L0229-BLK1)

Prepared: 12/02/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|---|
| 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 | 0.12 | | " | 0.125 | | 95.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 87.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 86.4 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0229 - EPA 5030 (soil)

LCS (B2L0229-BS1)

Prepared: 12/02/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.109 | 0.00200 | mg/kg | 0.100 | | 109 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.108 | 0.00200 | " | 0.100 | | 108 | 70-130 | | | |
| Benzene | 0.113 | 0.00200 | " | 0.100 | | 113 | 70-130 | | | |
| Ethylbenzene | 0.102 | 0.00200 | " | 0.100 | | 102 | 70-130 | | | |
| Naphthalene | 0.113 | 0.00380 | " | 0.100 | | 113 | 70-130 | | | |
| Toluene | 0.107 | 0.00200 | " | 0.100 | | 107 | 70-130 | | | |
| o-Xylene | 0.0994 | 0.00200 | " | 0.100 | | 99.4 | 70-130 | | | |
| m,p-Xylene | 0.202 | 0.00400 | " | 0.200 | | 101 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 92.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 87.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 85.5 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0229 - EPA 5030 (soil)

LCS Dup (B2L0229-BSD1)

Prepared: 12/02/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene | 0.101 | 0.00200 | mg/kg | 0.100 | | 101 | 70-130 | 8.02 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0992 | 0.00200 | " | 0.100 | | 99.2 | 70-130 | 8.88 | 20 | |
| Benzene | 0.105 | 0.00200 | " | 0.100 | | 105 | 70-130 | 7.51 | 20 | |
| Ethylbenzene | 0.0941 | 0.00200 | " | 0.100 | | 94.1 | 70-130 | 8.43 | 20 | |
| Naphthalene | 0.102 | 0.00380 | " | 0.100 | | 102 | 70-130 | 10.4 | 20 | |
| Toluene | 0.0996 | 0.00200 | " | 0.100 | | 99.6 | 70-130 | 7.37 | 20 | |
| o-Xylene | 0.0914 | 0.00200 | " | 0.100 | | 91.4 | 70-130 | 8.41 | 20 | |
| m,p-Xylene | 0.182 | 0.00400 | " | 0.200 | | 90.9 | 70-130 | 10.5 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 94.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 86.7 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 84.9 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0302 - DTPA Sorbitol Preparation

Blank (B2L0302-BLK1)

Prepared: 12/03/2022 Analyzed: 12/07/2022

Boron ND 0.100 mg/L

Duplicate (B2L0302-DUP1)

Source: Y212052-01

Prepared: 12/03/2022 Analyzed: 12/07/2022

Boron 0.0250 0.0998 mg/L 0.0227 9.30 50

Batch B2L0505 - Saturated Paste Metals

Blank (B2L0505-BLK1)

Prepared: 12/05/2022 Analyzed: 12/06/2022

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

Duplicate (B2L0505-DUP1)

Source: Y211665-01

Prepared: 12/05/2022 Analyzed: 12/06/2022

Calcium PPM 414 10.0 mg/L 358 14.3 50

SAR 0.00 SAR 16.0 200 200

Magnesium PPM 302 10.0 mg/L 281 7.23 50

Sodium PPM 1680 10.0 " 1660 1.07 50

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B2L0507 - Saturated Paste pH/EC

Blank (B2L0507-BLK1)

Prepared: 12/05/2022 Analyzed: 12/06/2022

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B2L0507-DUP1)

Source: Y211668-01

Prepared: 12/05/2022 Analyzed: 12/06/2022

| | | | | | | | | | |
|---------------------------|------|---------|----------|--|------|--|------|----|--|
| Specific Conductance (EC) | 1.24 | 0.00500 | mmhos/cm | | 1.31 | | 5.87 | 25 | |
| pH | 8.02 | | pH Units | | 8.16 | | 1.73 | 25 | |

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.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 37-11 WH

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.



December 14, 2022

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 37-11 WH

Project Number - [none]

Attached are your analytical results for KMG - PSC 37-11 WH received by Origins Laboratory, Inc. December 05, 2022. This project is associated with Origins project number Y212086-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 37-11 WH

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| FL-B06@4' | Y212086-01 | Soil | December 5, 2022 14:28 | 12/05/2022 17:10 |
| FL-GW02 | Y212086-02 | Water | December 5, 2022 14:50 | 12/05/2022 17:10 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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

Sample Receipt Checklist

Origins Work Order: 4272084 Client: Tasman
 Client Project ID: PSC 37-11

Checklist Completed by: JSB / AE Shipped Via: _____
 Date/time completed: 12/05/22 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: _____

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

Cooler Number/Temperature: 1, 5.6 °C _____ °C _____ °C _____ °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⁾ ? | 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 | | 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.


 Reviewed by (Project Manager)

12/05/2022
 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-B06@4'
12/5/2022 2:28:00PM

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

Origins Laboratory, Inc.
Y212086-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|
| Boron | ND | 0.997 | mg/L | 10 | B2L0607 | KAP | 12/06/2022 | 12/08/2022 | |
|-------|----|-------|------|----|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0524 | ADM | 12/05/2022 | 12/06/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 86.1 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0525 | ZZZ | 12/05/2022 | 12/06/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | 0.00244 | 0.00200 | " | " | " | ZZZ | " | " | |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 91.8 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 89.4 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-B06@4'

12/5/2022 2:28:00PM

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

**Origins Laboratory, Inc.
 Y212086-01 (Soil)**

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 2.19 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/06/2022 | 12/07/2022 | |
| Magnesium | 0.921 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 6.33 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.09 | | pH Units | 1 | B2L0611 | HJD | 12/06/2022 | 12/07/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 5.07 | | SAR | 1 | B2L0605 | KAP | 12/06/2022 | 12/07/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.03 | 0.00500 | mmhos/cm | 1 | B2L0611 | HJD | 12/06/2022 | 12/07/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-GW02
12/5/2022 2:50:00PM

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

Origins Laboratory, Inc.
Y212086-02 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B2L0226 | JSM | 12/05/2022 | 12/05/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 89.3 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 95.5 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0226 - EPA 5030B (Water)

Blank (B2L0226-BLK1)

Prepared: 12/02/2022 Analyzed: 12/05/2022

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 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 | 55 | | " | 62.5 | 88.6 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 64 | | " | 62.5 | 103 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | 96.3 | | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0226 - EPA 5030B (Water)

LCS (B2L0226-BS1)

Prepared: 12/02/2022 Analyzed: 12/05/2022

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 51.7 | 2.00 | ug/L | 50.0 | | 103 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 50.7 | 2.00 | " | 50.0 | | 101 | 70-130 | | | |
| Benzene | 50.6 | 1.00 | " | 50.0 | | 101 | 70-130 | | | |
| Ethylbenzene | 54.9 | 1.00 | " | 50.0 | | 110 | 70-130 | | | |
| m,p-Xylene | 107 | 2.00 | " | 100 | | 107 | 70-130 | | | |
| Naphthalene | 52.2 | 2.00 | " | 50.0 | | 104 | 70-130 | | | |
| o-Xylene | 48.0 | 1.00 | " | 50.0 | | 96.1 | 70-130 | | | |
| Toluene | 54.0 | 1.00 | " | 50.0 | | 108 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 54 | | " | 62.5 | | 86.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 65 | | " | 62.5 | | 103 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 58 | | " | 62.5 | | 92.1 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0226 - EPA 5030B (Water)

| Matrix Spike (B2L0226-MS1) | Source: Y212048-05 | | | Prepared: 12/02/2022 Analyzed: 12/05/2022 | | | | | | |
|-----------------------------------|---------------------------|------|------|--|------|--------|--|--|--|--|
| 1,2,4-Trimethylbenzene | 52.6 | 2.00 | ug/L | 50.0 | 105 | 70-130 | | | | |
| 1,3,5-Trimethylbenzene | 51.2 | 2.00 | " | 50.0 | 102 | 70-130 | | | | |
| Benzene | 51.6 | 1.00 | " | 50.0 | 103 | 70-130 | | | | |
| Ethylbenzene | 56.5 | 1.00 | " | 50.0 | 113 | 70-130 | | | | |
| m,p-Xylene | 112 | 2.00 | " | 100 | 112 | 70-130 | | | | |
| Naphthalene | 46.0 | 2.00 | " | 50.0 | 92.0 | 70-130 | | | | |
| o-Xylene | 49.8 | 1.00 | " | 50.0 | 99.7 | 70-130 | | | | |
| Toluene | 56.3 | 1.00 | " | 50.0 | 113 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 53 | | " | 62.5 | 85.0 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 65 | | " | 62.5 | 104 | 70-130 | | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | 96.3 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0226 - EPA 5030B (Water)

| Matrix Spike Dup (B2L0226-MSD1) | Source: Y212048-05 | | | Prepared: 12/02/2022 Analyzed: 12/05/2022 | | | | | | |
|----------------------------------|--------------------|------|------|---|------|--------|------|----|--|--|
| 1,2,4-Trimethylbenzene | 55.6 | 2.00 | ug/L | 50.0 | 111 | 70-130 | 5.42 | 20 | | |
| 1,3,5-Trimethylbenzene | 54.1 | 2.00 | " | 50.0 | 108 | 70-130 | 5.51 | 20 | | |
| Benzene | 54.3 | 1.00 | " | 50.0 | 109 | 70-130 | 5.03 | 20 | | |
| Ethylbenzene | 60.8 | 1.00 | " | 50.0 | 122 | 70-130 | 7.33 | 20 | | |
| m,p-Xylene | 119 | 2.00 | " | 100 | 119 | 70-130 | 6.07 | 20 | | |
| Naphthalene | 53.8 | 2.00 | " | 50.0 | 108 | 70-130 | 15.5 | 20 | | |
| o-Xylene | 54.0 | 1.00 | " | 50.0 | 108 | 70-130 | 7.96 | 20 | | |
| Toluene | 60.3 | 1.00 | " | 50.0 | 121 | 70-130 | 6.95 | 20 | | |
| Surrogate: 1,2-Dichloroethane-d4 | 52 | | " | 62.5 | 83.4 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 65 | | " | 62.5 | 105 | 70-130 | | | | |
| Surrogate: 4-Bromofluorobenzene | 59 | | " | 62.5 | 94.3 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0524 - EPA 3580 | | | | | | | | | | |
| Blank (B2L0524-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 12/05/2022 Analyzed: 12/05/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 25 | | " | 24.9 | | 102 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0524 - EPA 3580 | | | | | | | | | | |
| LCS (B2L0524-BS1) | | | | | | | | | | |
| | | | | | Prepared: 12/05/2022 Analyzed: 12/05/2022 | | | | | |
| Diesel (C10-C28) | 1140 | 50.0 | mg/kg | 1000 | | 114 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1030 | 200 | " | 1000 | | 103 | 70-130 | | | |
| Surrogate: o-Terphenyl | 47 | | " | 49.8 | | 95.1 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0524 - EPA 3580

| Matrix Spike (B2L0524-MS1) | Source: Y212084-01 | | | Prepared: 12/05/2022 Analyzed: 12/05/2022 | | | | | | |
|-----------------------------------|---------------------------|------|-------|--|----|------|--------|--|--|--|
| Diesel (C10-C28) | 1100 | 50.0 | mg/kg | 1000 | ND | 110 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 996 | 200 | " | 1000 | ND | 99.6 | 70-130 | | | |
| Surrogate: o-Terphenyl | 44 | | " | 49.8 | | 89.3 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0524 - EPA 3580

| Matrix Spike Dup (B2L0524-MSD1) | Source: Y212084-01 | | | Prepared: 12/05/2022 Analyzed: 12/05/2022 | | | | | | |
|--|---------------------------|------|-------|--|----|------|--------|------|----|--|
| Diesel (C10-C28) | 1150 | 50.0 | mg/kg | 1000 | ND | 115 | 70-130 | 3.66 | 35 | |
| Residual Range Organics (C28-C40) | 1050 | 200 | " | 1000 | ND | 105 | 70-130 | 5.16 | 35 | |
| <i>Surrogate: o-Terphenyl</i> | 45 | | " | 49.8 | | 90.0 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0525 - EPA 5030 (soil)

Blank (B2L0525-BLK1)

Prepared: 12/05/2022 Analyzed: 12/05/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|---|
| 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 | 0.12 | | " | 0.125 | | 95.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 90.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 88.3 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0525 - EPA 5030 (soil)

LCS (B2L0525-BS1)

Prepared: 12/05/2022 Analyzed: 12/05/2022

| | | | | | | | | | | |
|----------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.111 | 0.00200 | mg/kg | 0.100 | | 111 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.110 | 0.00200 | " | 0.100 | | 110 | 70-130 | | | |
| Benzene | 0.114 | 0.00200 | " | 0.100 | | 114 | 70-130 | | | |
| Ethylbenzene | 0.105 | 0.00200 | " | 0.100 | | 105 | 70-130 | | | |
| Naphthalene | 0.111 | 0.00380 | " | 0.100 | | 111 | 70-130 | | | |
| Toluene | 0.109 | 0.00200 | " | 0.100 | | 109 | 70-130 | | | |
| o-Xylene | 0.102 | 0.00200 | " | 0.100 | | 102 | 70-130 | | | |
| m,p-Xylene | 0.212 | 0.00400 | " | 0.200 | | 106 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 95.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 91.9 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 86.5 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0525 - EPA 5030 (soil)

LCS Dup (B2L0525-BSD1)

Prepared: 12/05/2022 Analyzed: 12/05/2022

| | | | | | | | | | | |
|----------------------------------|-------|---------|-------|-------|--|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 0.111 | 0.00200 | mg/kg | 0.100 | | 111 | 70-130 | 0.144 | 20 | |
| 1,3,5-Trimethylbenzene | 0.110 | 0.00200 | " | 0.100 | | 110 | 70-130 | 0.291 | 20 | |
| Benzene | 0.113 | 0.00200 | " | 0.100 | | 113 | 70-130 | 0.984 | 20 | |
| Ethylbenzene | 0.104 | 0.00200 | " | 0.100 | | 104 | 70-130 | 0.611 | 20 | |
| Naphthalene | 0.111 | 0.00380 | " | 0.100 | | 111 | 70-130 | 0.199 | 20 | |
| Toluene | 0.108 | 0.00200 | " | 0.100 | | 108 | 70-130 | 1.33 | 20 | |
| o-Xylene | 0.101 | 0.00200 | " | 0.100 | | 101 | 70-130 | 0.808 | 20 | |
| m,p-Xylene | 0.210 | 0.00400 | " | 0.200 | | 105 | 70-130 | 1.23 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 94.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 91.4 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 86.3 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0605 - Saturated Paste Metals

Blank (B2L0605-BLK1)

Prepared: 12/06/2022 Analyzed: 12/07/2022

| | | | | | | | | | | |
|---------------|------|------|------|--|--|--|--|--|--|--|
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | |
| SAR | 0.00 | | SAR | | | | | | | |
| Magnesium PPM | ND | 10.0 | mg/L | | | | | | | |
| Sodium PPM | ND | 10.0 | " | | | | | | | |

Duplicate (B2L0605-DUP1)

Source: Y212084-09

Prepared: 12/06/2022 Analyzed: 12/07/2022

| | | | | | | | | | | |
|---------------|------|------|------|--|------|--|--|-------|-----|--|
| SAR | 0.00 | | SAR | | 2.22 | | | 200 | 200 | |
| Calcium PPM | 156 | 10.0 | mg/L | | 158 | | | 1.40 | 50 | |
| Magnesium PPM | 44.1 | 10.0 | " | | 43.2 | | | 1.99 | 50 | |
| Sodium PPM | 121 | 10.0 | " | | 122 | | | 0.986 | 50 | |

Batch B2L0607 - DTPA Sorbitol Preparation

Blank (B2L0607-BLK1)

Prepared: 12/06/2022 Analyzed: 12/07/2022

| | | | | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|--|
| Boron | ND | 0.100 | mg/L | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|--|

Duplicate (B2L0607-DUP1)

Source: Y212041-01

Prepared: 12/06/2022 Analyzed: 12/07/2022

| | | | | | | | | | | |
|-------|-------|-------|------|--|-------|--|--|------|----|--|
| Boron | 0.504 | 0.100 | mg/L | | 0.436 | | | 14.5 | 50 | |
|-------|-------|-------|------|--|-------|--|--|------|----|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B2L0611 - Saturated Paste pH/EC

Blank (B2L0611-BLK1)

Prepared: 12/06/2022 Analyzed: 12/07/2022

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B2L0611-DUP1)

Source: Y212084-09

Prepared: 12/06/2022 Analyzed: 12/07/2022

| | | | | | | | | | |
|---------------------------|------|---------|----------|--|------|--|-------|----|--|
| Specific Conductance (EC) | 1.57 | 0.00500 | mmhos/cm | | 1.56 | | 0.755 | 25 | |
| pH | 8.18 | | pH Units | | 8.24 | | 0.731 | 25 | |

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 37-11 WH

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.



December 15, 2022

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 37-11 WH

Project Number - [none]

Attached are your analytical results for KMG - PSC 37-11 WH received by Origins Laboratory, Inc. December 06, 2022. This project is associated with Origins project number Y212111-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 37-11 WH

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| FL-B13@4' | Y212111-01 | Soil | December 6, 2022 14:45 | 12/06/2022 15:55 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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

Sample Receipt Checklist

Origins Work Order: 4212111 Client: Tasman
 Client Project ID: KMG PSC 37-11WH
 Checklist Completed by: TSH/OE Shipped Via: TD
 Date/time completed: 12/06/22 (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 / 6 °c °c °c (Describe) _____ °c
 Thermometer ID: TD04

| 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] 12/06/2022
 Reviewed by (Project Manager) 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-B13@4'
12/6/2022 2:45:00PM

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

Origins Laboratory, Inc.
Y212111-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|
| Boron | ND | 0.0987 | mg/L | 1 | B2L0705 | KAP | 12/07/2022 | 12/08/2022 | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0624 | ADM | 12/06/2022 | 12/06/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 84.3 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0622 | JSM | 12/06/2022 | 12/06/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 105 % 70-130 " " "
 Surrogate: Toluene-d8 101 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 96.5 % 70-130 " " "

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

FL-B13@4'

12/6/2022 2:45:00PM

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

**Origins Laboratory, Inc.
 Y212111-01 (Soil)**

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 1.05 | 0.499 | meq/L | 10 | [CALC] | KAP | 12/07/2022 | 12/08/2022 | |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 1.82 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.00 | | pH Units | 1 | B2L0709 | HJD | 12/07/2022 | 12/08/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 2.13 | | SAR | 1 | B2L0707 | KAP | 12/07/2022 | 12/08/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.405 | 0.00500 | mmhos/cm | 1 | B2L0709 | HJD | 12/07/2022 | 12/08/2022 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0622 - EPA 5030 (soil)

Blank (B2L0622-BLK1)

Prepared: 12/06/2022 Analyzed: 12/06/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 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 | 0.13 | | " | 0.125 | 103 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | 101 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 92.8 | | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0622 - EPA 5030 (soil)

LCS (B2L0622-BS1)

Prepared: 12/06/2022 Analyzed: 12/06/2022

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.108 | 0.00200 | mg/kg | 0.100 | | 108 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.110 | 0.00200 | " | 0.100 | | 110 | 70-130 | | | |
| Benzene | 0.0999 | 0.00200 | " | 0.100 | | 99.9 | 70-130 | | | |
| Ethylbenzene | 0.108 | 0.00200 | " | 0.100 | | 108 | 70-130 | | | |
| Naphthalene | 0.101 | 0.00380 | " | 0.100 | | 101 | 70-130 | | | |
| Toluene | 0.101 | 0.00200 | " | 0.100 | | 101 | 70-130 | | | |
| o-Xylene | 0.107 | 0.00200 | " | 0.100 | | 107 | 70-130 | | | |
| m,p-Xylene | 0.214 | 0.00400 | " | 0.200 | | 107 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 102 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0622 - EPA 5030 (soil)

| Matrix Spike (B2L0622-MS1) | Source: Y212111-01 | | | Prepared: 12/06/2022 Analyzed: 12/06/2022 | | | | | | |
|-----------------------------------|---------------------------|---------|-------|--|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.108 | 0.00200 | mg/kg | 0.100 | ND | 108 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.110 | 0.00200 | " | 0.100 | ND | 110 | 70-130 | | | |
| Benzene | 0.103 | 0.00200 | " | 0.100 | ND | 103 | 70-130 | | | |
| Ethylbenzene | 0.111 | 0.00200 | " | 0.100 | ND | 111 | 70-130 | | | |
| Naphthalene | 0.0953 | 0.00380 | " | 0.100 | ND | 95.3 | 70-130 | | | |
| Toluene | 0.102 | 0.00200 | " | 0.100 | ND | 102 | 70-130 | | | |
| o-Xylene | 0.110 | 0.00200 | " | 0.100 | ND | 110 | 70-130 | | | |
| m,p-Xylene | 0.218 | 0.00400 | " | 0.200 | ND | 109 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 96.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0622 - EPA 5030 (soil)

| Matrix Spike Dup (B2L0622-MSD1) | Source: Y212111-01 | Prepared: 12/06/2022 | Analyzed: 12/06/2022 | | | | | | |
|----------------------------------|--------------------|----------------------|----------------------|-------|----|------|--------|-------|----|
| 1,2,4-Trimethylbenzene | 0.107 | 0.00200 | mg/kg | 0.100 | ND | 107 | 70-130 | 0.409 | 20 |
| 1,3,5-Trimethylbenzene | 0.112 | 0.00200 | " | 0.100 | ND | 112 | 70-130 | 1.95 | 20 |
| Benzene | 0.104 | 0.00200 | " | 0.100 | ND | 104 | 70-130 | 1.66 | 20 |
| Ethylbenzene | 0.112 | 0.00200 | " | 0.100 | ND | 112 | 70-130 | 0.611 | 20 |
| Naphthalene | 0.105 | 0.00380 | " | 0.100 | ND | 105 | 70-130 | 9.48 | 20 |
| Toluene | 0.106 | 0.00200 | " | 0.100 | ND | 106 | 70-130 | 3.89 | 20 |
| o-Xylene | 0.111 | 0.00200 | " | 0.100 | ND | 111 | 70-130 | 0.398 | 20 |
| m,p-Xylene | 0.217 | 0.00400 | " | 0.200 | ND | 109 | 70-130 | 0.450 | 20 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 98.6 | 70-130 | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 102 | 70-130 | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0624 - EPA 3580 | | | | | | | | | | |
| Blank (B2L0624-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 12/06/2022 Analyzed: 12/06/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 20 | | " | 24.9 | | 82.3 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0624 - EPA 3580

LCS (B2L0624-BS1)

Prepared: 12/06/2022 Analyzed: 12/06/2022

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 1060 | 50.0 | mg/kg | 1000 | | 106 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 912 | 200 | " | 1000 | | 91.2 | 70-130 | | | |
| Surrogate: o-Terphenyl | 39 | | " | 49.8 | | 78.7 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0624 - EPA 3580

| Matrix Spike (B2L0624-MS1) | Source: Y212111-01 | | | Prepared: 12/06/2022 Analyzed: 12/06/2022 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28) | 1070 | 50.0 | mg/kg | 1000 | ND | 107 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 949 | 200 | " | 1000 | ND | 94.9 | 70-130 | | | |
| Surrogate: o-Terphenyl | 38 | | " | 49.8 | | 76.6 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 B2L0624 - EPA 3580

| Matrix Spike Dup (B2L0624-MSD1) | Source: Y212111-01 | | | Prepared: 12/06/2022 Analyzed: 12/06/2022 | | | | | | |
|--|---------------------------|------|-------|--|----|------|--------|------|----|--|
| Diesel (C10-C28) | 1060 | 50.0 | mg/kg | 1000 | ND | 106 | 70-130 | 1.26 | 35 | |
| Residual Range Organics (C28-C40) | 963 | 200 | " | 1000 | ND | 96.3 | 70-130 | 1.50 | 35 | |
| Surrogate: o-Terphenyl | 38 | | " | 49.8 | | 75.4 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

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 B2L0705 - DTPA Sorbitol Preparation

Blank (B2L0705-BLK1)

Prepared: 12/07/2022 Analyzed: 12/08/2022

Boron ND 0.100 mg/L

Duplicate (B2L0705-DUP1)

Source: Y212109-04

Prepared: 12/07/2022 Analyzed: 12/08/2022

Boron 0.265 0.0978 mg/L 0.322 19.4 50

Batch B2L0707 - Saturated Paste Metals

Blank (B2L0707-BLK1)

Prepared: 12/07/2022 Analyzed: 12/08/2022

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B2L0707-DUP1)

Source: Y212055-06

Prepared: 12/07/2022 Analyzed: 12/08/2022

SAR 0.00 SAR 7.74 200 200

Calcium PPM 76.5 10.0 mg/L 80.4 4.93 50

Magnesium PPM 18.1 10.0 " 19.2 5.65 50

Sodium PPM 288 10.0 " 297 3.25 50

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 37-11 WH

Saturated Paste - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|----------|-------------|---|------|-------------|------|-----------|-------|
| Batch B2L0709 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B2L0709-BLK1) | | | | | Prepared: 12/07/2022 Analyzed: 12/08/2022 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | |
| Duplicate (B2L0709-DUP1) | | Source: Y212055-06 | | | Prepared: 12/07/2022 Analyzed: 12/08/2022 | | | | | |
| Specific Conductance (EC) | 1.95 | 0.00500 | mmhos/cm | | 1.98 | | | 1.67 | 25 | |
| pH | 7.50 | | pH Units | | 7.85 | | | 4.56 | 25 | |

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.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 37-11 WH

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.



January 04, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 15-11

Project Number - [none]

Attached are your analytical results for KMG - PSC 15-11 received by Origins Laboratory, Inc. December 21, 2022. This project is associated with Origins project number Y212517-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|--------|-------------------------|------------------|
| 15-11-WH-B01@4' | Y212517-01 | Soil | December 21, 2022 12:16 | 12/21/2022 16:24 |
| 15-11-FL-B01@3' | Y212517-02 | Soil | December 21, 2022 12:22 | 12/21/2022 16:24 |
| GW-01 | Y212517-03 | Water | December 21, 2022 12:15 | 12/21/2022 16:24 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4212517

Client: Tasman

Client Project ID: PSC 15-11

Checklist Completed by: ENS/DE

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

Date/time completed: 12/21/22

Airbill #: N/A

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

Cooler Number/Temperature: 1, 32 °C / _____ °C / _____ °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⁾ ? | 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 | 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.

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 12/21/22

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-WH-B01@4'
 12/21/2022 12:16:00PM

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

Origins Laboratory, Inc.
 Y212517-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|
| Boron | ND | 0.0983 | mg/L | 1 | B2L2209 | CIH | 12/22/2022 | 12/23/2022 | |
|-------|----|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L2127 | ADM | 12/21/2022 | 12/22/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 62.8 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L2137 | JSM | 12/21/2022 | 12/21/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 112 % 70-130 " " "
 Surrogate: Toluene-d8 104 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 101 % 70-130 " " "

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-WH-B01@4'
 12/21/2022 12:16:00PM

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

Origins Laboratory, Inc.
 Y212517-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 0.914 | 0.499 | meq/L | 10 | [CALC] | CIH | 12/22/2022 | 12/27/2022 | |
| Magnesium | ND | 0.823 | " | " | " | CIH | " | " | |
| Sodium | 2.30 | 0.435 | " | " | " | CIH | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.60 | | pH Units | 1 | B2L2216 | ACC | 12/22/2022 | 12/23/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 2.83 | | SAR | 1 | B2L2212 | CIH | 12/22/2022 | 12/27/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.456 | 0.00500 | mmhos/cm | 1 | B2L2216 | ACC | 12/22/2022 | 12/23/2022 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B01@3'
 12/21/2022 12:22:00PM

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

Origins Laboratory, Inc.
 Y212517-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.500 | 0.0981 | mg/L | 1 | B2L2209 | CIH | 12/22/2022 | 12/23/2022 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L2127 | ADM | 12/21/2022 | 12/22/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 70.7 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L2137 | JSM | 12/21/2022 | 12/21/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|-------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 113 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 104 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 100 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B01@3'
 12/21/2022 12:22:00PM

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

Origins Laboratory, Inc.
 Y212517-02 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 2.94 | 0.499 | meq/L | 10 | [CALC] | CIH | 12/22/2022 | 12/27/2022 | |
| Magnesium | 1.33 | 0.823 | " | " | " | CIH | " | " | |
| Sodium | 5.79 | 0.435 | " | " | " | CIH | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.18 | | pH Units | 1 | B2L2216 | ACC | 12/22/2022 | 12/23/2022 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 3.96 | | SAR | 1 | B2L2212 | CIH | 12/22/2022 | 12/27/2022 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.17 | 0.00500 | mmhos/cm | 1 | B2L2216 | ACC | 12/22/2022 | 12/23/2022 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

GW-01

12/21/2022 12:15:00PM

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

Origins Laboratory, Inc.
Y212517-03 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|-------------|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B2L1422 | JSM | 12/21/2022 | 12/22/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Toluene | 1.92 | 1.00 | " | " | " | JSM | " | " | |
| Xylenes, total | 2.12 | 1.00 | " | " | " | JSM | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 101 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 98.8 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | 70-130 | | | " | " | " | " | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L1422 - EPA 5030B (Water)

Blank (B2L1422-BLK1)

Prepared: 12/14/2022 Analyzed: 12/22/2022

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 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 | 61 | | " | 62.5 | 96.8 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | 98.8 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | 96.9 | | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L1422 - EPA 5030B (Water)

LCS (B2L1422-BS1)

Prepared: 12/14/2022 Analyzed: 12/22/2022

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 37.2 | 2.00 | ug/L | 50.0 | | 74.5 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 37.3 | 2.00 | " | 50.0 | | 74.6 | 70-130 | | | |
| Benzene | 38.9 | 1.00 | " | 50.0 | | 77.9 | 70-130 | | | |
| Ethylbenzene | 37.7 | 1.00 | " | 50.0 | | 75.4 | 70-130 | | | |
| m,p-Xylene | 73.2 | 2.00 | " | 100 | | 73.2 | 70-130 | | | |
| Naphthalene | 44.5 | 2.00 | " | 50.0 | | 88.9 | 70-130 | | | |
| o-Xylene | 37.7 | 1.00 | " | 50.0 | | 75.3 | 70-130 | | | |
| Toluene | 38.5 | 1.00 | " | 50.0 | | 77.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 59 | | " | 62.5 | | 94.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 98.5 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L1422 - EPA 5030B (Water)

| Matrix Spike (B2L1422-MS1) | Source: Y212297-01 | | | Prepared: 12/14/2022 Analyzed: 12/22/2022 | | | | | | |
|-----------------------------------|---------------------------|------|------|--|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 52.6 | 2.00 | ug/L | 50.0 | ND | 105 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 50.3 | 2.00 | " | 50.0 | ND | 101 | 70-130 | | | |
| Benzene | 51.8 | 1.00 | " | 50.0 | ND | 104 | 70-130 | | | |
| Ethylbenzene | 49.8 | 1.00 | " | 50.0 | ND | 99.6 | 70-130 | | | |
| m,p-Xylene | 99.6 | 2.00 | " | 100 | ND | 99.6 | 70-130 | | | |
| Naphthalene | 47.7 | 2.00 | " | 50.0 | ND | 95.5 | 70-130 | | | |
| o-Xylene | 53.9 | 1.00 | " | 50.0 | ND | 108 | 70-130 | | | |
| Toluene | 51.3 | 1.00 | " | 50.0 | ND | 103 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 62 | | " | 62.5 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 98.7 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L1422 - EPA 5030B (Water)

| Matrix Spike Dup (B2L1422-MSD1) | Source: Y212297-01 | | | Prepared: 12/14/2022 Analyzed: 12/22/2022 | | | | | | |
|----------------------------------|--------------------|------|------|---|----|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene | 47.4 | 2.00 | ug/L | 50.0 | ND | 94.8 | 70-130 | 10.3 | 20 | |
| 1,3,5-Trimethylbenzene | 47.3 | 2.00 | " | 50.0 | ND | 94.7 | 70-130 | 6.02 | 20 | |
| Benzene | 48.4 | 1.00 | " | 50.0 | ND | 96.8 | 70-130 | 6.75 | 20 | |
| Ethylbenzene | 46.8 | 1.00 | " | 50.0 | ND | 93.6 | 70-130 | 6.17 | 20 | |
| m,p-Xylene | 92.2 | 2.00 | " | 100 | ND | 92.2 | 70-130 | 7.68 | 20 | |
| Naphthalene | 46.0 | 2.00 | " | 50.0 | ND | 92.1 | 70-130 | 3.63 | 20 | |
| o-Xylene | 48.0 | 1.00 | " | 50.0 | ND | 95.9 | 70-130 | 11.7 | 20 | |
| Toluene | 47.1 | 1.00 | " | 50.0 | ND | 94.2 | 70-130 | 8.44 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 62 | | " | 62.5 | | 99.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 98.8 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2127 - EPA 3580 | | | | | | | | | | |
| Blank (B2L2127-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 12/21/2022 Analyzed: 12/22/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 17 | | " | 24.9 | | 68.7 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2127 - EPA 3580 | | | | | | | | | | |
| LCS (B2L2127-BS1) | | | | | Prepared: 12/21/2022 Analyzed: 12/22/2022 | | | | | |
| Diesel (C10-C28) | 832 | 50.0 | mg/kg | 1000 | | 83.2 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 816 | 200 | " | 1000 | | 81.6 | 70-130 | | | |
| Surrogate: o-Terphenyl | 34 | | " | 49.8 | | 68.0 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2127 - EPA 3580 | | | | | | | | | | |
| LCS Dup (B2L2127-BSD1) | | | | | Prepared: 12/21/2022 Analyzed: 12/22/2022 | | | | | |
| Diesel (C10-C28) | 990 | 50.0 | mg/kg | 1000 | | 99.0 | 70-130 | 17.4 | 35 | |
| Residual Range Organics (C28-C40) | 861 | 200 | " | 1000 | | 86.1 | 70-130 | 5.43 | 35 | |
| Surrogate: o-Terphenyl | 38 | | " | 49.8 | | 75.7 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2137 - EPA 5030 (soil)

Blank (B2L2137-BLK1)

Prepared: 12/21/2022 Analyzed: 12/21/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|-----|--|--------|--|--|---|
| 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 | 112 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | 107 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | 100 | | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2137 - EPA 5030 (soil)

LCS (B2L2137-BS1)

Prepared: 12/21/2022 Analyzed: 12/21/2022

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0835 | 0.00200 | mg/kg | 0.100 | | 83.5 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0829 | 0.00200 | " | 0.100 | | 82.9 | 70-130 | | | |
| Benzene | 0.0905 | 0.00200 | " | 0.100 | | 90.5 | 70-130 | | | |
| Ethylbenzene | 0.0944 | 0.00200 | " | 0.100 | | 94.4 | 70-130 | | | |
| Naphthalene | 0.0853 | 0.00380 | " | 0.100 | | 85.3 | 70-130 | | | |
| Toluene | 0.0857 | 0.00200 | " | 0.100 | | 85.7 | 70-130 | | | |
| o-Xylene | 0.0879 | 0.00200 | " | 0.100 | | 87.9 | 70-130 | | | |
| m,p-Xylene | 0.183 | 0.00400 | " | 0.200 | | 91.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | | 109 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 104 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 104 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2137 - EPA 5030 (soil)

| Matrix Spike (B2L2137-MS1) | Source: Y212517-01 | | | Prepared: 12/21/2022 Analyzed: 12/21/2022 | | | | | | |
|-----------------------------------|---------------------------|---------|-------|--|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0796 | 0.00200 | mg/kg | 0.100 | ND | 79.6 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0823 | 0.00200 | " | 0.100 | ND | 82.3 | 70-130 | | | |
| Benzene | 0.0968 | 0.00200 | " | 0.100 | ND | 96.8 | 70-130 | | | |
| Ethylbenzene | 0.0990 | 0.00200 | " | 0.100 | ND | 99.0 | 70-130 | | | |
| Naphthalene | 0.0809 | 0.00380 | " | 0.100 | ND | 80.9 | 70-130 | | | |
| Toluene | 0.0914 | 0.00200 | " | 0.100 | ND | 91.4 | 70-130 | | | |
| o-Xylene | 0.0874 | 0.00200 | " | 0.100 | ND | 87.4 | 70-130 | | | |
| m,p-Xylene | 0.186 | 0.00400 | " | 0.200 | ND | 93.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | | 109 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 104 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2137 - EPA 5030 (soil)

| Matrix Spike Dup (B2L2137-MSD1) | Source: Y212517-01 | | | Prepared: 12/21/2022 Analyzed: 12/21/2022 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|------|----|--|
| 1,2,4-Trimethylbenzene | 0.0838 | 0.00200 | mg/kg | 0.100 | ND | 83.8 | 70-130 | 5.12 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0850 | 0.00200 | " | 0.100 | ND | 85.0 | 70-130 | 3.23 | 20 | |
| Benzene | 0.102 | 0.00200 | " | 0.100 | ND | 102 | 70-130 | 5.45 | 20 | |
| Ethylbenzene | 0.104 | 0.00200 | " | 0.100 | ND | 104 | 70-130 | 4.96 | 20 | |
| Naphthalene | 0.0864 | 0.00380 | " | 0.100 | ND | 86.4 | 70-130 | 6.58 | 20 | |
| Toluene | 0.0952 | 0.00200 | " | 0.100 | ND | 95.2 | 70-130 | 4.01 | 20 | |
| o-Xylene | 0.0916 | 0.00200 | " | 0.100 | ND | 91.6 | 70-130 | 4.67 | 20 | |
| m,p-Xylene | 0.194 | 0.00400 | " | 0.200 | ND | 97.2 | 70-130 | 4.16 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.14 | | " | 0.125 | | 112 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L2209 - DTPA Sorbitol Preparation

Blank (B2L2209-BLK1)

Prepared: 12/22/2022 Analyzed: 12/23/2022

Boron ND 0.100 mg/L

Duplicate (B2L2209-DUP1)

Source: Y212509-01

Prepared: 12/22/2022 Analyzed: 12/23/2022

Boron 0.134 0.100 mg/L 0.126 5.90 50

Batch B2L2212 - Saturated Paste Metals

Blank (B2L2212-BLK1)

Prepared: 12/22/2022 Analyzed: 12/27/2022

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B2L2212-DUP1)

Source: Y212509-01

Prepared: 12/22/2022 Analyzed: 12/27/2022

Calcium PPM 96.4 10.0 mg/L 109 11.8 50

SAR 0.00 SAR 1.53 200 200

Magnesium PPM 23.3 10.0 mg/L 26.7 13.7 50

Sodium PPM 62.0 10.0 " 68.7 10.3 50

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B2L2216 - Saturated Paste pH/EC

Blank (B2L2216-BLK1)

Prepared: 12/22/2022 Analyzed: 12/23/2022

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B2L2216-DUP1)

Source: Y212509-01

Prepared: 12/22/2022 Analyzed: 12/23/2022

| | | | | | | | | |
|---------------------------|------|---------|----------|------|--|--|------|----|
| Specific Conductance (EC) | 1.05 | 0.00500 | mmhos/cm | 1.23 | | | 16.0 | 25 |
| pH | 7.82 | | pH Units | 7.92 | | | 1.27 | 25 |

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.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

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.



January 11, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 15,37-11

Project Number - [none]

Attached are your analytical results for KMG - PSC 15,37-11 received by Origins Laboratory, Inc. January 04, 2023. This project is associated with Origins project number Y301041-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15,37-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|--------|-----------------------|------------------|
| 15-11-FL-B02@4' | Y301041-01 | Soil | January 4, 2023 14:45 | 01/04/2023 16:53 |
| FL-GW02 | Y301041-02 | Water | January 4, 2023 14:45 | 01/04/2023 16:53 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4301041

Client: Tasman
 Client Project ID: PSC 15,37-11

Checklist Completed by: EHS

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

Date/time completed: 1/4/23

Airbill #: NA

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

Cooler Number/Temperature: 1 / 2.6 °C / _____ °C / _____ °C (Describe) / _____ °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)?} | / | | | |
| Is there ice present (document if blue ice is used) | / | | | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | | / | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | | / | | |
| Were all samples received intact ^{(1)?} | / | | | |
| Was adequate sample volume provided ^{(1)?} | / | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ^{(1)?} | | / | | |
| Is a chain-of-custody (COC) present and filled out completely ^{(1)?} | / | | | |
| Does the COC agree with the number and type of sample bottles received ^{(1)?} | / | | | |
| Do the sample IDs on the bottle labels match the COC ^{(1)?} | / | | | |
| Is the COC properly relinquished by the client with date and time recorded ^{(1)?} | / | | | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | | / | | |
| Are samples preserved that require preservation and was it checked ^{(1)?} (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO3; HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+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 be in the additional comments (above) and the case narrative.

Amelia
 Reviewed by (Project Manager)

1/4/23
 Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

15-11-FL-B02@4'
 1/4/2023 2:45:00PM

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

Origins Laboratory, Inc.
 Y301041-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.821 | 0.0985 | mg/L | 1 | B3A0607 | KAP | 01/06/2023 | 01/09/2023 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0414 | ADM | 01/04/2023 | 01/05/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: o-Terphenyl | 93.5 % | 50-150 | | | " | " | " | " | |
|------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3A0415 | ZZZ | 01/04/2023 | 01/05/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 101 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 89.0 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 85.3 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

15-11-FL-B02@4'
 1/4/2023 2:45:00PM

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

Origins Laboratory, Inc.
 Y301041-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 21.4 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/06/2023 | 01/09/2023 | |
| Magnesium | 9.06 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 27.2 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.69 | | pH Units | 1 | B3A0610 | HJD | 01/06/2023 | 01/07/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 6.97 | | SAR | 1 | B3A0604 | KAP | 01/06/2023 | 01/09/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 2.91 | 0.00500 | mmhos/cm | 1 | B3A0610 | HJD | 01/06/2023 | 01/07/2023 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

FL-GW02
1/4/2023 2:45:00PM

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

Origins Laboratory, Inc.
Y301041-02 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|-------------|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 2.00 | ug/L | 1 | B3A0314 | ZZZ | 01/04/2023 | 01/04/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 1.00 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | ZZZ | " | " | U |
| Naphthalene | 15.4 | 2.00 | " | " | " | ZZZ | " | " | |
| Toluene | ND | 1.00 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 97.3 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 98.4 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0314 - EPA 5030B (Water)

Blank (B3A0314-BLK1)

Prepared: 01/03/2023 Analyzed: 01/04/2023

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 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 | 62 | | " | 62.5 | 99.9 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | 97.7 | | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0314 - EPA 5030B (Water)

LCS (B3A0314-BS1)

Prepared: 01/03/2023 Analyzed: 01/04/2023

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 42.5 | 2.00 | ug/L | 50.0 | | 85.0 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 44.2 | 2.00 | " | 50.0 | | 88.4 | 70-130 | | | |
| Benzene | 43.0 | 1.00 | " | 50.0 | | 85.9 | 70-130 | | | |
| Ethylbenzene | 44.8 | 1.00 | " | 50.0 | | 89.6 | 70-130 | | | |
| m,p-Xylene | 89.3 | 2.00 | " | 100 | | 89.3 | 70-130 | | | |
| Naphthalene | 47.7 | 2.00 | " | 50.0 | | 95.4 | 70-130 | | | |
| o-Xylene | 45.1 | 1.00 | " | 50.0 | | 90.2 | 70-130 | | | |
| Toluene | 42.2 | 1.00 | " | 50.0 | | 84.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 60 | | " | 62.5 | | 96.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 66 | | " | 62.5 | | 105 | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0314 - EPA 5030B (Water)

| Matrix Spike (B3A0314-MS1) | Source: Y212613-01 | | | Prepared: 01/03/2023 Analyzed: 01/04/2023 | | | | | | |
|-----------------------------------|---------------------------|------|------|--|-------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 49.2 | 2.00 | ug/L | 50.0 | ND | 98.5 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 50.9 | 2.00 | " | 50.0 | ND | 102 | 70-130 | | | |
| Benzene | 56.5 | 1.00 | " | 50.0 | 11.0 | 90.9 | 70-130 | | | |
| Ethylbenzene | 50.9 | 1.00 | " | 50.0 | 0.300 | 101 | 70-130 | | | |
| m,p-Xylene | 101 | 2.00 | " | 100 | 0.210 | 101 | 70-130 | | | |
| Naphthalene | 42.0 | 2.00 | " | 50.0 | 0.420 | 83.2 | 70-130 | | | |
| o-Xylene | 49.6 | 1.00 | " | 50.0 | ND | 99.3 | 70-130 | | | |
| Toluene | 47.1 | 1.00 | " | 50.0 | ND | 94.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 53 | | " | 62.5 | | 85.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 65 | | " | 62.5 | | 104 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 70-130 | | | |

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Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0314 - EPA 5030B (Water)

| Matrix Spike Dup (B3A0314-MSD1) | Source: Y212613-01 | | | Prepared: 01/03/2023 Analyzed: 01/04/2023 | | | | | | |
|----------------------------------|--------------------|------|------|---|-------|------|--------|-------|----|-------|
| 1,2,4-Trimethylbenzene | 50.0 | 2.00 | ug/L | 50.0 | ND | 100 | 70-130 | 1.51 | 20 | |
| 1,3,5-Trimethylbenzene | 51.3 | 2.00 | " | 50.0 | ND | 103 | 70-130 | 0.724 | 20 | |
| Benzene | 61.3 | 1.00 | " | 50.0 | 11.0 | 100 | 70-130 | 8.10 | 20 | |
| Ethylbenzene | 50.6 | 1.00 | " | 50.0 | 0.300 | 101 | 70-130 | 0.414 | 20 | |
| m,p-Xylene | 101 | 2.00 | " | 100 | 0.210 | 101 | 70-130 | 0.198 | 20 | |
| Naphthalene | 51.9 | 2.00 | " | 50.0 | 0.420 | 103 | 70-130 | 21.0 | 20 | QR-02 |
| o-Xylene | 50.2 | 1.00 | " | 50.0 | ND | 100 | 70-130 | 1.04 | 20 | |
| Toluene | 49.5 | 1.00 | " | 50.0 | ND | 99.0 | 70-130 | 4.99 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 60 | | " | 62.5 | | 95.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 99.9 | 70-130 | | | |

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Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0414 - EPA 3580 | | | | | | | | | | |
| Blank (B3A0414-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 01/04/2023 Analyzed: 01/04/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 21 | | " | 24.9 | | 82.6 | 50-150 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0414 - EPA 3580

LCS (B3A0414-BS1)

Prepared: 01/04/2023 Analyzed: 01/04/2023

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 941 | 50.0 | mg/kg | 1000 | | 94.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1000 | 200 | " | 1000 | | 100 | 70-130 | | | |
| Surrogate: o-Terphenyl | 41 | | " | 49.8 | | 81.6 | 50-150 | | | |

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Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0414 - EPA 3580

| Matrix Spike (B3A0414-MS1) | Source: Y301035-01 | | | Prepared: 01/04/2023 Analyzed: 01/04/2023 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28) | 942 | 50.0 | mg/kg | 1000 | ND | 94.2 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1000 | 200 | " | 1000 | ND | 100 | 70-130 | | | |
| Surrogate: o-Terphenyl | 36 | | " | 49.8 | | 71.7 | 50-150 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0414 - EPA 3580 | | | | | | | | | | |
| Matrix Spike Dup (B3A0414-MSD1) | | Source: Y301035-01 | | | | | | | | |
| | | | | | Prepared: 01/04/2023 | Analyzed: 01/04/2023 | | | | |
| Diesel (C10-C28) | 943 | 50.0 | mg/kg | 1000 | ND | 94.3 | 70-130 | 0.0684 | 35 | |
| Residual Range Organics (C28-C40) | 1000 | 200 | " | 1000 | ND | 100 | 70-130 | 0.264 | 35 | |
| Surrogate: o-Terphenyl | 36 | | " | 49.8 | | 71.5 | 50-150 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0415 - EPA 5030 (soil)

Blank (B3A0415-BLK1)

Prepared: 01/04/2023 Analyzed: 01/04/2023

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|---|
| 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 | 0.12 | | " | 0.125 | | 93.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 87.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.10 | | " | 0.125 | | 83.3 | 70-130 | | | |

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0415 - EPA 5030 (soil)

LCS (B3A0415-BS1)

Prepared: 01/04/2023 Analyzed: 01/04/2023

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0996 | 0.00200 | mg/kg | 0.100 | | 99.6 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0969 | 0.00200 | " | 0.100 | | 96.9 | 70-130 | | | |
| Benzene | 0.106 | 0.00200 | " | 0.100 | | 106 | 70-130 | | | |
| Ethylbenzene | 0.0941 | 0.00200 | " | 0.100 | | 94.1 | 70-130 | | | |
| Naphthalene | 0.119 | 0.00380 | " | 0.100 | | 119 | 70-130 | | | |
| Toluene | 0.0988 | 0.00200 | " | 0.100 | | 98.8 | 70-130 | | | |
| o-Xylene | 0.0938 | 0.00200 | " | 0.100 | | 93.8 | 70-130 | | | |
| m,p-Xylene | 0.180 | 0.00400 | " | 0.200 | | 90.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 94.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 88.5 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 85.1 | 70-130 | | | |

Origins Laboratory, Inc.



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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0415 - EPA 5030 (soil)

| Matrix Spike (B3A0415-MS1) | Source: Y301035-01 | | | Prepared: 01/04/2023 Analyzed: 01/04/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0941 | 0.00200 | mg/kg | 0.100 | ND | 94.1 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0936 | 0.00200 | " | 0.100 | ND | 93.6 | 70-130 | | | |
| Benzene | 0.0988 | 0.00200 | " | 0.100 | ND | 98.8 | 70-130 | | | |
| Ethylbenzene | 0.0890 | 0.00200 | " | 0.100 | ND | 89.0 | 70-130 | | | |
| Naphthalene | 0.102 | 0.00380 | " | 0.100 | ND | 102 | 70-130 | | | |
| Toluene | 0.0945 | 0.00200 | " | 0.100 | ND | 94.5 | 70-130 | | | |
| o-Xylene | 0.0880 | 0.00200 | " | 0.100 | ND | 88.0 | 70-130 | | | |
| m,p-Xylene | 0.167 | 0.00400 | " | 0.200 | 0.00178 | 82.8 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 93.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 88.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 84.0 | 70-130 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0415 - EPA 5030 (soil)

| Matrix Spike Dup (B3A0415-MSD1) | Source: Y301035-01 | | | Prepared: 01/04/2023 Analyzed: 01/04/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 0.0938 | 0.00200 | mg/kg | 0.100 | ND | 93.8 | 70-130 | 0.298 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0922 | 0.00200 | " | 0.100 | ND | 92.2 | 70-130 | 1.46 | 20 | |
| Benzene | 0.0976 | 0.00200 | " | 0.100 | ND | 97.6 | 70-130 | 1.20 | 20 | |
| Ethylbenzene | 0.0874 | 0.00200 | " | 0.100 | ND | 87.4 | 70-130 | 1.84 | 20 | |
| Naphthalene | 0.103 | 0.00380 | " | 0.100 | ND | 103 | 70-130 | 1.35 | 20 | |
| Toluene | 0.0924 | 0.00200 | " | 0.100 | ND | 92.4 | 70-130 | 2.25 | 20 | |
| o-Xylene | 0.0864 | 0.00200 | " | 0.100 | ND | 86.4 | 70-130 | 1.79 | 20 | |
| m,p-Xylene | 0.165 | 0.00400 | " | 0.200 | 0.00178 | 81.8 | 70-130 | 1.21 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 93.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 88.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.10 | | " | 0.125 | | 83.6 | 70-130 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0604 - Saturated Paste Metals

Blank (B3A0604-BLK1)

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|---------------|------|------|------|--|--|--|--|--|--|--|
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | |
| SAR | 0.00 | | SAR | | | | | | | |
| Magnesium PPM | ND | 10.0 | mg/L | | | | | | | |
| Sodium PPM | ND | 10.0 | " | | | | | | | |

Duplicate (B3A0604-DUP1)

Source: Y301041-01

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|---------------|------|------|------|--|------|--|--|------|-----|--|
| Calcium PPM | 341 | 10.0 | mg/L | | 429 | | | 22.8 | 50 | |
| SAR | 0.00 | | SAR | | 6.97 | | | 200 | 200 | |
| Magnesium PPM | 86.2 | 10.0 | mg/L | | 110 | | | 24.4 | 50 | |
| Sodium PPM | 509 | 10.0 | " | | 625 | | | 20.5 | 50 | |

Batch B3A0607 - DTPA Sorbitol Preparation

Blank (B3A0607-BLK1)

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|--|
| Boron | ND | 0.100 | mg/L | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|--|

Duplicate (B3A0607-DUP1)

Source: Y301035-02

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|-------|-------|--------|------|--|-------|--|--|------|----|--|
| Boron | 0.194 | 0.0989 | mg/L | | 0.234 | | | 18.4 | 50 | |
|-------|-------|--------|------|--|-------|--|--|------|----|--|

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

Saturated Paste - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|----------|-------------|---|------|-------------|------|-----------|-------|
| Batch B3A0610 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B3A0610-BLK1) | | | | | Prepared: 01/06/2023 Analyzed: 01/07/2023 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | |
| Duplicate (B3A0610-DUP1) | | Source: Y301041-01 | | | Prepared: 01/06/2023 Analyzed: 01/07/2023 | | | | | |
| Specific Conductance (EC) | 4.05 | 0.00500 | mmhos/cm | | 4.91 | | | 19.3 | 25 | |
| pH | 7.56 | | pH Units | | 7.69 | | | 1.70 | 25 | |

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15,37-11

Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

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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January 12, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 15,37-11

Project Number - [none]

Attached are your analytical results for KMG - PSC 15,37-11 received by Origins Laboratory, Inc. January 09, 2023. This project is associated with Origins project number Y301098-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15,37-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------------|---------------|--------|-----------------------|------------------|
| 15-11-FL-B14 @4' | Y301098-01 | Soil | January 5, 2023 13:15 | 01/09/2023 09:53 |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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

Sample Receipt Checklist

Origins Work Order: 4361098 Client: Tasman
 Client Project ID: PSC 15,37-11

Checklist Completed by: TSM Shipped Via: HD
 Date/time completed: 1/19/23 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: n14

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1, 10 °C / _____ °C / _____ °C (Describe) _____ °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⁾ ? | | C | | |
| 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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+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.

Reviewed by (Project Manager) Joh Date/Time Reviewed 1/19/23

Origins Laboratory, Inc.


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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

15-11-FL-B14 @4'
 1/5/2023 1:15:00PM

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

Origins Laboratory, Inc.
Y301098-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|
| Boron | 0.406 | 0.0994 | mg/L | 1 | B3A1008 | KAP | 01/10/2023 | 01/11/2023 | |
|-------|-------|--------|------|---|---------|-----|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0904 | ADM | 01/09/2023 | 01/10/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: o-Terphenyl | 71.1 % | 50-150 | | | " | " | " | " | |
|------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3A0923 | JSM | 01/09/2023 | 01/10/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | 01/09/2023 | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 96.0 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 86.4 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 83.3 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

15-11-FL-B14 @4'
 1/5/2023 1:15:00PM

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

Origins Laboratory, Inc.
 Y301098-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|
| Calcium | 1.18 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/10/2023 | 01/11/2023 |
| Magnesium | ND | 0.823 | " | " | " | KAP | " | " |
| Sodium | 3.39 | 0.435 | " | " | " | KAP | " | " |

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.65 | | pH Units | 1 | B3A1006 | HJD | 01/10/2023 | 01/11/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 3.61 | | SAR | 1 | B3A1005 | KAP | 01/10/2023 | 01/11/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 0.552 | 0.00500 | mmhos/cm | 1 | B3A1006 | HJD | 01/10/2023 | 01/11/2023 |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0904 - EPA 3580 | | | | | | | | | | |
| Blank (B3A0904-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 21 | | " | 24.9 | | 83.0 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0904 - EPA 3580

LCS (B3A0904-BS1)

Prepared: 01/09/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 831 | 50.0 | mg/kg | 1000 | | 83.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 907 | 200 | " | 1000 | | 90.7 | 70-130 | | | |
| Surrogate: o-Terphenyl | 39 | | " | 49.8 | | 78.6 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0904 - EPA 3580

| Matrix Spike (B3A0904-MS1) | Source: Y301086-01 | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | | |
|-----------------------------------|---------------------------|------|-------|--|----|------|--------|--|--|--|
| Diesel (C10-C28) | 820 | 50.0 | mg/kg | 1000 | ND | 82.0 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 904 | 200 | " | 1000 | ND | 90.4 | 70-130 | | | |
| Surrogate: o-Terphenyl | 35 | | " | 49.8 | | 70.6 | 50-150 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0904 - EPA 3580 | | | | | | | | | | |
| Matrix Spike Dup (B3A0904-MSD1) | | | | | Source: Y301086-01 | | | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 |
| Diesel (C10-C28) | 847 | 50.0 | mg/kg | 1000 | ND | 84.7 | 70-130 | 3.14 | 35 | |
| Residual Range Organics (C28-C40) | 932 | 200 | " | 1000 | ND | 93.2 | 70-130 | 3.11 | 35 | |
| Surrogate: o-Terphenyl | 37 | | " | 49.8 | | 74.8 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0923 - EPA 5030 (soil)

Blank (B3A0923-BLK1)

Prepared: 01/09/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 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 | 0.13 | | " | 0.125 | 101 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | 88.4 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | 85.1 | | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0923 - EPA 5030 (soil)

LCS (B3A0923-BS1)

Prepared: 01/09/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0936 | 0.00200 | mg/kg | 0.100 | | 93.6 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0942 | 0.00200 | " | 0.100 | | 94.2 | 70-130 | | | |
| Benzene | 0.106 | 0.00200 | " | 0.100 | | 106 | 70-130 | | | |
| Ethylbenzene | 0.0910 | 0.00200 | " | 0.100 | | 91.0 | 70-130 | | | |
| Naphthalene | 0.111 | 0.00380 | " | 0.100 | | 111 | 70-130 | | | |
| Toluene | 0.0972 | 0.00200 | " | 0.100 | | 97.2 | 70-130 | | | |
| o-Xylene | 0.0855 | 0.00200 | " | 0.100 | | 85.5 | 70-130 | | | |
| m,p-Xylene | 0.171 | 0.00400 | " | 0.200 | | 85.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 87.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 84.1 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0923 - EPA 5030 (soil)

| Matrix Spike (B3A0923-MS1) | Source: Y301098-01 | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0968 | 0.00200 | mg/kg | 0.100 | ND | 96.8 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0969 | 0.00200 | " | 0.100 | ND | 96.9 | 70-130 | | | |
| Benzene | 0.102 | 0.00200 | " | 0.100 | ND | 102 | 70-130 | | | |
| Ethylbenzene | 0.0937 | 0.00200 | " | 0.100 | ND | 93.7 | 70-130 | | | |
| Naphthalene | 0.108 | 0.00380 | " | 0.100 | 0.00330 | 104 | 70-130 | | | |
| Toluene | 0.0976 | 0.00200 | " | 0.100 | ND | 97.6 | 70-130 | | | |
| o-Xylene | 0.0885 | 0.00200 | " | 0.100 | ND | 88.5 | 70-130 | | | |
| m,p-Xylene | 0.178 | 0.00400 | " | 0.200 | 0.00198 | 88.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 99.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 89.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 85.0 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A0923 - EPA 5030 (soil)

| Matrix Spike Dup (B3A0923-MSD1) | Source: Y301098-01 | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 0.0939 | 0.00200 | mg/kg | 0.100 | ND | 93.9 | 70-130 | 2.98 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0937 | 0.00200 | " | 0.100 | ND | 93.7 | 70-130 | 3.34 | 20 | |
| Benzene | 0.101 | 0.00200 | " | 0.100 | ND | 101 | 70-130 | 0.573 | 20 | |
| Ethylbenzene | 0.0914 | 0.00200 | " | 0.100 | ND | 91.4 | 70-130 | 2.48 | 20 | |
| Naphthalene | 0.112 | 0.00380 | " | 0.100 | 0.00330 | 109 | 70-130 | 4.25 | 20 | |
| Toluene | 0.0954 | 0.00200 | " | 0.100 | ND | 95.4 | 70-130 | 2.28 | 20 | |
| o-Xylene | 0.0873 | 0.00200 | " | 0.100 | ND | 87.3 | 70-130 | 1.43 | 20 | |
| m,p-Xylene | 0.173 | 0.00400 | " | 0.200 | 0.00198 | 85.5 | 70-130 | 2.85 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 102 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.11 | | " | 0.125 | | 88.5 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 84.3 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

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 B3A1005 - Saturated Paste Metals

Blank (B3A1005-BLK1)

Prepared: 01/10/2023 Analyzed: 01/11/2023

| | | | | | | | | | | |
|---------------|------|------|------|--|--|--|--|--|--|--|
| SAR | 0.00 | | SAR | | | | | | | |
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | |
| Magnesium PPM | ND | 10.0 | " | | | | | | | |
| Sodium PPM | ND | 10.0 | " | | | | | | | |

Duplicate (B3A1005-DUP1)

Source: Y301097-01

Prepared: 01/10/2023 Analyzed: 01/11/2023

| | | | | | | | | | | |
|---------------|-------|------|------|--|-------|--|--|------|-----|--|
| SAR | 0.00 | | SAR | | 2.72 | | | 200 | 200 | |
| Calcium PPM | 0.557 | 10.0 | mg/L | | 0.480 | | | 14.9 | 50 | |
| Magnesium PPM | 1.31 | 10.0 | " | | 2.06 | | | 44.6 | 50 | |
| Sodium PPM | 28.3 | 10.0 | " | | 19.5 | | | 37.1 | 50 | |

Batch B3A1008 - DTPA Sorbitol Preparation

Blank (B3A1008-BLK1)

Prepared: 01/10/2023 Analyzed: 01/11/2023

| | | | | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|--|
| Boron | ND | 0.100 | mg/L | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|--|

Duplicate (B3A1008-DUP1)

Source: Y301097-01

Prepared: 01/10/2023 Analyzed: 01/11/2023

| | | | | | | | | | | |
|-------|-------|--------|------|--|-------|--|--|------|----|--|
| Boron | 0.471 | 0.0995 | mg/L | | 0.481 | | | 2.28 | 50 | |
|-------|-------|--------|------|--|-------|--|--|------|----|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15,37-11

Saturated Paste - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|----------|-------------|---|------|-------------|------|-----------|-------|
| Batch B3A1006 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B3A1006-BLK1) | | | | | Prepared: 01/10/2023 Analyzed: 01/11/2023 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | |
| Duplicate (B3A1006-DUP1) | | Source: Y301097-01 | | | Prepared: 01/10/2023 Analyzed: 01/11/2023 | | | | | |
| Specific Conductance (EC) | 0.178 | 0.00500 | mmhos/cm | | 0.169 | | | 5.24 | 25 | |
| pH | 6.32 | | pH Units | | 6.25 | | | 1.11 | 25 | |

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.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15,37-11

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.



January 20, 2023

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 15-11

Project Number - [none]

Attached are your analytical results for KMG - PSC 15-11 received by Origins Laboratory, Inc. January 05, 2023. This project is associated with Origins project number Y301063-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------|---------------|--------|-----------------------|------------------|
| 15-11-FL-B06@4' | Y301063-01 | Soil | January 5, 2023 14:42 | 01/05/2023 17:01 |
| 15-11-FL-B07@4' | Y301063-02 | Soil | January 5, 2023 14:45 | 01/05/2023 17:01 |
| 15-11-FL-B08@4' | Y301063-03 | Soil | January 5, 2023 14:57 | 01/05/2023 17:01 |
| 15-11-FL-B09@4' | Y301063-04 | Soil | January 5, 2023 15:06 | 01/05/2023 17:01 |
| 15-11-FL-B10@4' | Y301063-05 | Soil | January 5, 2023 15:14 | 01/05/2023 17:01 |
| 15-11-GW03 | Y301063-06 | Water | January 5, 2023 15:17 | 01/05/2023 17:01 |

Chain of Custody Modification Request

On 1/5/2023, Logan Molson from Tasman, Inc contacted Jennifer Pellegrini via email regarding Y301063 requesting that sample collection times be added per the email.

Requested modifications to the chain of custody were made by Jennifer Pellegrini on 1/6/2023.

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.

Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

Sample Receipt Checklist

Origins Work Order: Y201063 Client: Tasman
 Client Project ID: PSC 15-11

Checklist Completed by: DE Shipped Via: FD
 Date/time completed: 1/5/23 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: NA

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

Cooler Number/Temperature: 1 13.8 °C / _____ °C / _____ °C (Describe) _____ °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⁾ ? | <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"/> | <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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH) | <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | nc |
| 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.

DE
Reviewed by (Project Manager) 1/5/23
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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B06@4'
 1/5/2023 2:42:00PM

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

Origins Laboratory, Inc.
 Y301063-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|---|
| Boron | ND | 0.999 | mg/L | 10 | B3A0609 | KAP | 01/06/2023 | 01/10/2023 | U |
|-------|----|-------|------|----|---------|-----|------------|------------|---|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0529 | ADM | 01/05/2023 | 01/06/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 72.2 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3A0531 | JSM | 01/05/2023 | 01/05/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 107 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 95.9 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B06@4'
 1/5/2023 2:42:00PM

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

Origins Laboratory, Inc.
 Y301063-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 4.77 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/06/2023 | 01/09/2023 | |
| Magnesium | 2.00 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 13.2 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.27 | | pH Units | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 7.16 | | SAR | 1 | B3A0605 | KAP | 01/06/2023 | 01/09/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.99 | 0.00500 | mmhos/cm | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B07@4'
 1/5/2023 2:45:00PM

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

Origins Laboratory, Inc.
Y301063-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|------|------|----|---------|-----|------------|------------|---|
| Boron | ND | 1.00 | mg/L | 10 | B3A0609 | KAP | 01/06/2023 | 01/09/2023 | U |
|-------|----|------|------|----|---------|-----|------------|------------|---|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0529 | ADM | 01/05/2023 | 01/06/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 73.9 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|---------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.0465 | 0.00200 | mg/kg | 1 | B3A0531 | JSM | 01/05/2023 | 01/05/2023 | |
| 1,3,5-Trimethylbenzene | 0.0150 | 0.00200 | " | " | " | JSM | " | " | |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | 0.00424 | 0.00380 | " | " | " | JSM | " | " | |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 106 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 104 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 95.6 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B07@4'
 1/5/2023 2:45:00PM

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

Origins Laboratory, Inc.
 Y301063-02 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 8.21 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/06/2023 | 01/09/2023 | |
| Magnesium | 3.13 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 13.1 | 0.435 | " | " | " | KAP | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|---------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | 0.0263 | 0.0101 | mg/Kg | 5 | L657391 | | 01/09/2023 | 01/09/2023 | |
| 2-Methylnaphthalene | 0.0526 | 0.0101 | " | " | " | | " | " | |
| Acenaphthene | 0.00706 | 0.00335 | " | " | " | | " | " | |
| Anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(a)pyrene | 0.00411 | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | 0.00455 | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | 0.00517 | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Fluorene | 0.0129 | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Pyrene | 0.00526 | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 55.1 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 73.5 % | 33-122 | | | " | | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B07@4'
1/5/2023 2:45:00PM

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

Waypoint Analytical, LLC.
Y301063-02 (Soil)

PAH by 8270D SIM

| | | | | | | | | |
|----------------------------|--------|--------|--|--|-------------|------------|------------|--|
| Surrogate: Nitrobenzene-d5 | 51.5 % | 29-110 | | | L6573 91 | 01/09/2023 | 01/09/2023 | |
|----------------------------|--------|--------|--|--|-------------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|
| pH | 7.92 | | pH Units | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 |
|----|------|--|----------|---|---------|-----|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|
| SAR | 5.51 | | SAR | 1 | B3A0605 | KAP | 01/06/2023 | 01/09/2023 |
|-----|------|--|-----|---|---------|-----|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|
| Specific Conductance (EC) | 2.46 | 0.00500 | mmhos/cm | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 3.19 | 0.0926 | mg/kg | 10 | B3A0617 | CNG | 01/06/2023 | 01/06/2023 | |
| Barium | 152 | 9.26 | " | " | " | CNG | " | " | |
| Cadmium | 0.294 | 0.0926 | " | " | " | CNG | " | " | |
| Copper | 19.2 | 9.26 | " | " | " | CNG | " | " | |
| Lead | 14.3 | 9.26 | " | " | " | CNG | " | " | |
| Nickel | 9.54 | 9.26 | " | " | " | CNG | " | " | |
| Selenium | 0.309 | 0.0926 | " | " | " | CNG | " | " | |
| Silver | 0.165 | 0.0926 | " | " | " | CNG | " | " | |
| Zinc | ND | 92.6 | " | " | " | CNG | " | " | U |

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.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

15-11-FL-B07@4'
1/5/2023 2:45:00PM

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

Origins Laboratory, Inc.
Y301063-02 (Soil)

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|-------|----|---------|--|------------|------------|--|
| Chromium, Hexavalent | ND | 5.07 | mg/Kg | 10 | L657943 | | 01/05/2023 | 01/11/2023 | |
|----------------------|----|------|-------|----|---------|--|------------|------------|--|

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.

Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B08@4'
 1/5/2023 2:57:00PM

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

Origins Laboratory, Inc.
 Y301063-03 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|---|
| Boron | ND | 0.998 | mg/L | 10 | B3A0609 | KAP | 01/06/2023 | 01/09/2023 | U |
|-------|----|-------|------|----|---------|-----|------------|------------|---|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0529 | ADM | 01/05/2023 | 01/06/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 81.7 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|---------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.00234 | 0.00200 | mg/kg | 1 | B3A0531 | JSM | 01/05/2023 | 01/05/2023 | |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 108 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 92.2 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B08@4'
 1/5/2023 2:57:00PM

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

Origins Laboratory, Inc.
 Y301063-03 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 5.92 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/06/2023 | 01/09/2023 | |
| Magnesium | 2.28 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 11.2 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 8.16 | | pH Units | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 5.54 | | SAR | 1 | B3A0605 | KAP | 01/06/2023 | 01/09/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.98 | 0.00500 | mmhos/cm | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

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.

Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B09@4'
 1/5/2023 3:06:00PM

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

Origins Laboratory, Inc.
Y301063-04 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|------|------|----|---------|-----|------------|------------|---|
| Boron | ND | 1.00 | mg/L | 10 | B3A0609 | KAP | 01/06/2023 | 01/09/2023 | U |
|-------|----|------|------|----|---------|-----|------------|------------|---|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0529 | ADM | 01/05/2023 | 01/06/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 70.6 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|---------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.0166 | 0.00200 | mg/kg | 1 | B3A0531 | JSM | 01/05/2023 | 01/05/2023 | |
| 1,3,5-Trimethylbenzene | 0.00546 | 0.00200 | " | " | " | JSM | " | " | |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 104 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 102 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 96.1 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B09@4'
 1/5/2023 3:06:00PM

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

Origins Laboratory, Inc.
 Y301063-04 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 3.30 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/06/2023 | 01/09/2023 | |
| Magnesium | 1.36 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 8.68 | 0.435 | " | " | " | KAP | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | 0.0103 | 0.00201 | mg/Kg | 1 | L658759 | | 01/16/2023 | 01/17/2023 | |
| 2-Methylnaphthalene | 0.022 | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | 0.00297 | 0.00067 | " | " | " | | " | " | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.000711 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | 0.00127 | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | 0.00403 | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 49.8 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 61.3 % | 33-122 | | | " | | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B09@4'
 1/5/2023 3:06:00PM

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

Waypoint Analytical, LLC.
Y301063-04 (Soil)

PAH by 8270D SIM

| | | | | | | | | |
|----------------------------|--------|--------|--|--|-------------|------------|------------|--|
| Surrogate: Nitrobenzene-d5 | 55.6 % | 29-110 | | | L6587 59 | 01/16/2023 | 01/17/2023 | |
|----------------------------|--------|--------|--|--|-------------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.97 | | pH Units | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 5.69 | | SAR | 1 | B3A0605 | KAP | 01/06/2023 | 01/09/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 1.33 | 0.00500 | mmhos/cm | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|---------------------------|------|---------|----------|---|---------|-----|------------|------------|--|

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 3.47 | 0.0980 | mg/kg | 10 | B3A1302 | CIH | 01/13/2023 | 01/13/2023 | |
| Barium | 167 | 9.80 | " | " | " | CIH | " | " | |
| Cadmium | 0.115 | 0.0980 | " | " | " | CIH | " | " | |
| Copper | 14.8 | 9.80 | " | " | " | CIH | " | " | |
| Lead | 15.4 | 9.80 | " | " | " | CIH | " | " | |
| Nickel | 10.2 | 9.80 | " | " | " | CIH | " | " | |
| Selenium | 0.615 | 0.0980 | " | " | " | CIH | " | " | |
| Silver | ND | 0.0980 | " | " | " | CIH | " | " | U |
| Zinc | ND | 98.0 | " | " | " | CIH | " | " | U |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B09@4'
 1/5/2023 3:06:00PM

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

Origins Laboratory, Inc.
 Y301063-04 (Soil)

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|-----|-------|---|---------|--|------------|------------|--|
| Chromium, Hexavalent | ND | 2.5 | mg/Kg | 5 | L659149 | | 01/05/2023 | 01/18/2023 | |
|----------------------|----|-----|-------|---|---------|--|------------|------------|--|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B10@4'
 1/5/2023 3:14:00PM

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

Origins Laboratory, Inc.
Y301063-05 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|-------|------|----|---------|-----|------------|------------|---|
| Boron | ND | 0.999 | mg/L | 10 | B3A0609 | KAP | 01/06/2023 | 01/09/2023 | U |
|-------|----|-------|------|----|---------|-----|------------|------------|---|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3A0529 | ADM | 01/05/2023 | 01/06/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

| | | | | | | | | | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: <i>o</i> -Terphenyl | 75.7 % | 50-150 | | | " | " | " | " | |
|--------------------------------|--------|--------|--|--|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3A0531 | JSM | 01/05/2023 | 01/05/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Naphthalene | ND | 0.00380 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 106 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 95.1 % | 70-130 | | | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-FL-B10@4'
 1/5/2023 3:14:00PM

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

Origins Laboratory, Inc.
 Y301063-05 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|-------|-------|----|--------|-----|------------|------------|--|
| Calcium | 2.34 | 0.499 | meq/L | 10 | [CALC] | KAP | 01/06/2023 | 01/09/2023 | |
| Magnesium | 0.887 | 0.823 | " | " | " | KAP | " | " | |
| Sodium | 4.31 | 0.435 | " | " | " | KAP | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|-----|------------|------------|--|
| pH | 7.90 | | pH Units | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|----|------|--|----------|---|---------|-----|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|
| SAR | 3.40 | | SAR | 1 | B3A0605 | KAP | 01/06/2023 | 01/09/2023 | |
|-----|------|--|-----|---|---------|-----|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|
| Specific Conductance (EC) | 0.828 | 0.00500 | mmhos/cm | 1 | B3A0611 | HJD | 01/06/2023 | 01/07/2023 | |
|---------------------------|-------|---------|----------|---|---------|-----|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

15-11-GW03

1/5/2023 3:17:00PM

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

Origins Laboratory, Inc.
Y301063-06 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|------|------|------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 2.42 | 2.00 | ug/L | 1 | B3A0517 | JSM | 01/05/2023 | 01/06/2023 | |
| 1,3,5-Trimethylbenzene | ND | 2.00 | " | " | " | JSM | " | " | U |
| Benzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Naphthalene | 3.08 | 2.00 | " | " | " | JSM | " | " | |
| Toluene | ND | 1.00 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | JSM | " | " | U |

| | | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 103 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 99.5 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 97.3 % | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0517 - EPA 5030B (Water)

Blank (B3A0517-BLK1)

Prepared: 01/05/2023 Analyzed: 01/05/2023

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 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 | 59 | | " | 62.5 | 94.8 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 55 | | " | 62.5 | 88.6 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 53 | | " | 62.5 | 84.1 | | 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.

Jen Pellegrini, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0517 - EPA 5030B (Water)

LCS (B3A0517-BS1)

Prepared: 01/05/2023 Analyzed: 01/05/2023

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 51.2 | 2.00 | ug/L | 50.0 | | 102 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 51.1 | 2.00 | " | 50.0 | | 102 | 70-130 | | | |
| Benzene | 51.4 | 1.00 | " | 50.0 | | 103 | 70-130 | | | |
| Ethylbenzene | 49.4 | 1.00 | " | 50.0 | | 98.8 | 70-130 | | | |
| m,p-Xylene | 94.0 | 2.00 | " | 100 | | 94.0 | 70-130 | | | |
| Naphthalene | 56.6 | 2.00 | " | 50.0 | | 113 | 70-130 | | | |
| o-Xylene | 46.1 | 1.00 | " | 50.0 | | 92.1 | 70-130 | | | |
| Toluene | 51.0 | 1.00 | " | 50.0 | | 102 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 58 | | " | 62.5 | | 92.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 57 | | " | 62.5 | | 90.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 53 | | " | 62.5 | | 84.2 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0517 - EPA 5030B (Water)

| Matrix Spike (B3A0517-MS1) | Source: Y212652-01 | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 | | | | | | |
|----------------------------------|--------------------|------|------|---|-------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 54.2 | 2.00 | ug/L | 50.0 | ND | 108 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 53.4 | 2.00 | " | 50.0 | ND | 107 | 70-130 | | | |
| Benzene | 53.0 | 1.00 | " | 50.0 | ND | 106 | 70-130 | | | |
| Ethylbenzene | 50.3 | 1.00 | " | 50.0 | ND | 101 | 70-130 | | | |
| m,p-Xylene | 97.8 | 2.00 | " | 100 | 0.840 | 97.0 | 70-130 | | | |
| Naphthalene | 58.4 | 2.00 | " | 50.0 | 0.220 | 116 | 70-130 | | | |
| o-Xylene | 49.4 | 1.00 | " | 50.0 | ND | 98.8 | 70-130 | | | |
| Toluene | 52.3 | 1.00 | " | 50.0 | ND | 105 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 57 | | " | 62.5 | | 90.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 57 | | " | 62.5 | | 91.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 53 | | " | 62.5 | | 85.3 | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0517 - EPA 5030B (Water)

| Matrix Spike Dup (B3A0517-MSD1) | Source: Y212652-01 | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 | | | | | | |
|--|---------------------------|------|------|--|-------|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 53.1 | 2.00 | ug/L | 50.0 | ND | 106 | 70-130 | 1.92 | 20 | |
| 1,3,5-Trimethylbenzene | 52.6 | 2.00 | " | 50.0 | ND | 105 | 70-130 | 1.57 | 20 | |
| Benzene | 52.9 | 1.00 | " | 50.0 | ND | 106 | 70-130 | 0.264 | 20 | |
| Ethylbenzene | 49.6 | 1.00 | " | 50.0 | ND | 99.3 | 70-130 | 1.36 | 20 | |
| m,p-Xylene | 95.6 | 2.00 | " | 100 | 0.840 | 94.8 | 70-130 | 2.29 | 20 | |
| Naphthalene | 58.9 | 2.00 | " | 50.0 | 0.220 | 117 | 70-130 | 0.784 | 20 | |
| o-Xylene | 49.0 | 1.00 | " | 50.0 | ND | 98.0 | 70-130 | 0.732 | 20 | |
| Toluene | 51.5 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 1.56 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 59 | | " | 62.5 | | 94.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 57 | | " | 62.5 | | 90.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 53 | | " | 62.5 | | 85.0 | 70-130 | | | |

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Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0529 - EPA 3580 | | | | | | | | | | |
| Blank (B3A0529-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 24 | | " | 24.9 | | 98.1 | 50-150 | | | |

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Jen Pellegrini, Project Manager

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0529 - EPA 3580

LCS (B3A0529-BS1)

Prepared: 01/05/2023 Analyzed: 01/05/2023

| | | | | | | | | | | |
|-----------------------------------|------|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 1130 | 50.0 | mg/kg | 1000 | | 113 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 1110 | 200 | " | 1000 | | 111 | 70-130 | | | |
| Surrogate: o-Terphenyl | 48 | | " | 49.8 | | 96.2 | 50-150 | | | |

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Jen Pellegrini, Project Manager

Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0529 - EPA 3580 | | | | | | | | | | |
| Matrix Spike (B3A0529-MS1) | | Source: Y301054-01 | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 | | | | | |
| Diesel (C10-C28) | 958 | 50.0 | mg/kg | 1000 | ND | 95.8 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 958 | 200 | " | 1000 | ND | 95.8 | 70-130 | | | QM-07 |
| Surrogate: o-Terphenyl | 38 | | " | 49.8 | | 75.8 | 50-150 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0529 - EPA 3580 | | | | | | | | | | |
| Matrix Spike Dup (B3A0529-MSD1) | | | | | Source: Y301054-01 | | | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 |
| Diesel (C10-C28) | 1050 | 50.0 | mg/kg | 1000 | ND | 105 | 70-130 | 8.90 | 35 | |
| Residual Range Organics (C28-C40) | 1050 | 200 | " | 1000 | ND | 105 | 70-130 | 9.54 | 35 | QM-07 |
| Surrogate: o-Terphenyl | 42 | | " | 49.8 | | 84.5 | 50-150 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0531 - EPA 5030 (soil)

Blank (B3A0531-BLK1)

Prepared: 01/05/2023 Analyzed: 01/05/2023

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 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 | 0.13 | | " | 0.125 | 103 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | 103 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 96.6 | | 70-130 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0531 - EPA 5030 (soil)

LCS (B3A0531-BS1)

Prepared: 01/05/2023 Analyzed: 01/05/2023

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0891 | 0.00200 | mg/kg | 0.100 | | 89.1 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0931 | 0.00200 | " | 0.100 | | 93.1 | 70-130 | | | |
| Benzene | 0.0925 | 0.00200 | " | 0.100 | | 92.5 | 70-130 | | | |
| Ethylbenzene | 0.0969 | 0.00200 | " | 0.100 | | 96.9 | 70-130 | | | |
| Naphthalene | 0.0901 | 0.00380 | " | 0.100 | | 90.1 | 70-130 | | | |
| Toluene | 0.0919 | 0.00200 | " | 0.100 | | 91.9 | 70-130 | | | |
| o-Xylene | 0.0904 | 0.00200 | " | 0.100 | | 90.4 | 70-130 | | | |
| m,p-Xylene | 0.189 | 0.00400 | " | 0.200 | | 94.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 98.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 99.8 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 102 | 70-130 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0531 - EPA 5030 (soil)

| Matrix Spike (B3A0531-MS1) | Source: Y301060-01 | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0940 | 0.00200 | mg/kg | 0.100 | ND | 94.0 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0948 | 0.00200 | " | 0.100 | ND | 94.8 | 70-130 | | | |
| Benzene | 0.0909 | 0.00200 | " | 0.100 | ND | 90.9 | 70-130 | | | |
| Ethylbenzene | 0.0973 | 0.00200 | " | 0.100 | ND | 97.3 | 70-130 | | | |
| Naphthalene | 0.0826 | 0.00380 | " | 0.100 | ND | 82.6 | 70-130 | | | |
| Toluene | 0.0888 | 0.00200 | " | 0.100 | ND | 88.8 | 70-130 | | | |
| o-Xylene | 0.0954 | 0.00200 | " | 0.100 | ND | 95.4 | 70-130 | | | |
| m,p-Xylene | 0.194 | 0.00400 | " | 0.200 | ND | 97.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 101 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |

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Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0531 - EPA 5030 (soil)

| Matrix Spike Dup (B3A0531-MSD1) | Source: Y301060-01 | | | Prepared: 01/05/2023 Analyzed: 01/05/2023 | | | | | | |
|--|---------------------------|---------|-------|--|----|------|--------|--------|----|--|
| 1,2,4-Trimethylbenzene | 0.0939 | 0.00200 | mg/kg | 0.100 | ND | 93.9 | 70-130 | 0.0852 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0961 | 0.00200 | " | 0.100 | ND | 96.1 | 70-130 | 1.45 | 20 | |
| Benzene | 0.0982 | 0.00200 | " | 0.100 | ND | 98.2 | 70-130 | 7.79 | 20 | |
| Ethylbenzene | 0.101 | 0.00200 | " | 0.100 | ND | 101 | 70-130 | 3.89 | 20 | |
| Naphthalene | 0.0842 | 0.00380 | " | 0.100 | ND | 84.2 | 70-130 | 1.97 | 20 | |
| Toluene | 0.0987 | 0.00200 | " | 0.100 | ND | 98.7 | 70-130 | 10.6 | 20 | |
| o-Xylene | 0.0992 | 0.00200 | " | 0.100 | ND | 99.2 | 70-130 | 3.89 | 20 | |
| m,p-Xylene | 0.201 | 0.00400 | " | 0.200 | ND | 101 | 70-130 | 3.77 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 98.7 | 70-130 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

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

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

Batch B3A0617 - EPA 3050B

Blank (B3A0617-BLK1)

Prepared: 01/06/2023 Analyzed: 01/06/2023

| | | | | | | | | | | |
|----------|----|----------|-------|--|--|--|--|--|--|---|
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | U |
| Barium | ND | 0.0100 | " | | | | | | | U |
| Cadmium | ND | 0.000100 | " | | | | | | | U |
| Copper | ND | 0.0100 | " | | | | | | | U |
| Lead | ND | 0.0100 | " | | | | | | | U |
| Nickel | ND | 0.0100 | " | | | | | | | U |
| Selenium | ND | 0.000100 | " | | | | | | | U |
| Silver | ND | 0.000100 | " | | | | | | | U |
| Zinc | ND | 0.100 | " | | | | | | | U |

LCS (B3A0617-BS1)

Prepared: 01/06/2023 Analyzed: 01/06/2023

| | | | | | | | |
|----------|--------|----------|-------|--------|--|------|--------|
| Arsenic | 0.0494 | 0.000100 | mg/kg | 0.0500 | | 98.8 | 80-120 |
| Barium | 5.04 | 0.0100 | " | 5.00 | | 101 | 80-120 |
| Cadmium | 0.0509 | 0.000100 | " | 0.0500 | | 102 | 80-120 |
| Copper | 0.526 | 0.0100 | " | 0.500 | | 105 | 80-120 |
| Lead | 0.0508 | 0.0100 | " | 0.0500 | | 102 | 80-120 |
| Nickel | 0.0522 | 0.0100 | " | 0.0500 | | 104 | 80-120 |
| Selenium | 0.0489 | 0.000100 | " | 0.0500 | | 97.7 | 80-120 |
| Silver | 0.0507 | 0.000100 | " | 0.0500 | | 101 | 80-120 |
| Zinc | 0.510 | 0.100 | " | 0.500 | | 102 | 80-120 |

Matrix Spike (B3A0617-MS1)

Source: Y301060-01

Prepared: 01/06/2023 Analyzed: 01/06/2023

Origins Laboratory, Inc.



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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

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

Batch B3A0617 - EPA 3050B

| Matrix Spike (B3A0617-MS1) | | Source: Y301060-01 | | | Prepared: 01/06/2023 Analyzed: 01/06/2023 | | | | | |
|-----------------------------------|------|---------------------------|-------|------|--|-----|--------|--|--|-------|
| Arsenic | 9.37 | 0.0906 | mg/kg | 4.53 | 4.20 | 114 | 75-125 | | | |
| Barium | 675 | 9.06 | " | 453 | 127 | 121 | 75-125 | | | |
| Cadmium | 5.38 | 0.0906 | " | 4.53 | 0.213 | 114 | 75-125 | | | |
| Copper | 63.7 | 9.06 | " | 45.3 | 13.4 | 111 | 75-125 | | | |
| Lead | 19.3 | 9.06 | " | 4.53 | 11.9 | 163 | 75-125 | | | QM-07 |
| Nickel | 21.7 | 9.06 | " | 4.53 | 14.6 | 155 | 75-125 | | | QM-07 |
| Selenium | 5.07 | 0.0906 | " | 4.53 | 0.287 | 105 | 75-125 | | | |
| Silver | 5.19 | 0.0906 | " | 4.53 | 0.0824 | 113 | 75-125 | | | |
| Zinc | 108 | 90.6 | " | 45.3 | 54.4 | 119 | 75-125 | | | |

| Matrix Spike Dup (B3A0617-MSD1) | | Source: Y301060-01 | | | Prepared: 01/06/2023 Analyzed: 01/06/2023 | | | | | |
|--|------|---------------------------|-------|------|--|-----|--------|-------|----|-------|
| Arsenic | 9.72 | 0.0887 | mg/kg | 4.43 | 4.20 | 125 | 75-125 | 3.63 | 20 | |
| Barium | 693 | 8.87 | " | 443 | 127 | 128 | 75-125 | 2.60 | 20 | QM-07 |
| Cadmium | 5.54 | 0.0887 | " | 4.43 | 0.213 | 120 | 75-125 | 3.02 | 20 | |
| Copper | 64.3 | 8.87 | " | 44.3 | 13.4 | 115 | 75-125 | 0.869 | 20 | |
| Lead | 21.3 | 8.87 | " | 4.43 | 11.9 | 211 | 75-125 | 9.72 | 20 | QM-07 |
| Nickel | 20.9 | 8.87 | " | 4.43 | 14.6 | 141 | 75-125 | 3.52 | 20 | QM-07 |
| Selenium | 5.10 | 0.0887 | " | 4.43 | 0.287 | 108 | 75-125 | 0.636 | 20 | |
| Silver | 5.30 | 0.0887 | " | 4.43 | 0.0824 | 118 | 75-125 | 2.12 | 20 | |
| Zinc | 110 | 88.7 | " | 44.3 | 54.4 | 125 | 75-125 | 1.18 | 20 | |

Batch B3A1302 - EPA 3050B

| Blank (B3A1302-BLK1) | | Prepared: 01/13/2023 Analyzed: 01/13/2023 | | | | | | | | |
|-----------------------------|----|--|-------|--|--|--|--|--|--|---|
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | U |
| Barium | ND | 0.0100 | " | | | | | | | U |
| Cadmium | ND | 0.000100 | " | | | | | | | U |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

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

Batch B3A1302 - EPA 3050B

Blank (B3A1302-BLK1)

Prepared: 01/13/2023 Analyzed: 01/13/2023

| | | | | | | | | | | |
|----------|----|----------|-------|--|--|--|--|--|--|---|
| Copper | ND | 0.0100 | mg/kg | | | | | | | U |
| Lead | ND | 0.0100 | " | | | | | | | U |
| Nickel | ND | 0.0100 | " | | | | | | | U |
| Selenium | ND | 0.000100 | " | | | | | | | U |
| Silver | ND | 0.000100 | " | | | | | | | U |
| Zinc | ND | 0.100 | " | | | | | | | U |

LCS (B3A1302-BS1)

Prepared: 01/13/2023 Analyzed: 01/13/2023

| | | | | | | | | | | |
|----------|--------|----------|-------|--------|--|------|--------|--|--|--|
| Arsenic | 0.0457 | 0.000100 | mg/kg | 0.0500 | | 91.5 | 80-120 | | | |
| Barium | 4.54 | 0.0100 | " | 5.00 | | 90.9 | 80-120 | | | |
| Cadmium | 0.0462 | 0.000100 | " | 0.0500 | | 92.5 | 80-120 | | | |
| Copper | 0.496 | 0.0100 | " | 0.500 | | 99.1 | 80-120 | | | |
| Lead | 0.0455 | 0.0100 | " | 0.0500 | | 91.0 | 80-120 | | | |
| Nickel | 0.0496 | 0.0100 | " | 0.0500 | | 99.3 | 80-120 | | | |
| Selenium | 0.0490 | 0.000100 | " | 0.0500 | | 98.0 | 80-120 | | | |
| Silver | 0.0428 | 0.000100 | " | 0.0500 | | 85.7 | 80-120 | | | |
| Zinc | 0.473 | 0.100 | " | 0.500 | | 94.6 | 80-120 | | | |

Matrix Spike (B3A1302-MS1)

Source: Y301060-02

Prepared: 01/13/2023 Analyzed: 01/13/2023

| | | | | | | | | | | |
|----------|------|--------|-------|------|--------|------|--------|--|--|-------|
| Arsenic | 10.7 | 0.0928 | mg/kg | 4.64 | 5.41 | 113 | 75-125 | | | |
| Barium | 675 | 9.28 | " | 464 | 201 | 102 | 75-125 | | | |
| Cadmium | 5.55 | 0.0928 | " | 4.64 | 0.307 | 113 | 75-125 | | | |
| Copper | 70.1 | 9.28 | " | 46.4 | 16.0 | 117 | 75-125 | | | |
| Lead | 28.8 | 9.28 | " | 4.64 | 17.9 | 235 | 75-125 | | | QM-07 |
| Nickel | 23.4 | 9.28 | " | 4.64 | 17.7 | 122 | 75-125 | | | |
| Selenium | 4.21 | 0.0928 | " | 4.64 | 0.369 | 82.7 | 75-125 | | | |
| Silver | 4.80 | 0.0928 | " | 4.64 | 0.0835 | 102 | 75-125 | | | |

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|---------------------------|-------------|---|------|-------------|-------|-----------|--------|
| Batch B3A1302 - EPA 3050B | | | | | | | | | | |
| Matrix Spike (B3A1302-MS1) | | | Source: Y301060-02 | | Prepared: 01/13/2023 Analyzed: 01/13/2023 | | | | | |
| Zinc | 124 | 92.8 | mg/kg | 46.4 | 70.3 | 117 | 75-125 | | | |
| Matrix Spike Dup (B3A1302-MSD1) | | | Source: Y301060-02 | | Prepared: 01/13/2023 Analyzed: 01/13/2023 | | | | | |
| Arsenic | 11.0 | 0.0960 | mg/kg | 4.80 | 5.41 | 117 | 75-125 | 3.63 | 20 | |
| Barium | 723 | 9.60 | " | 480 | 201 | 109 | 75-125 | 6.94 | 20 | |
| Cadmium | 5.80 | 0.0960 | " | 4.80 | 0.307 | 114 | 75-125 | 4.39 | 20 | |
| Copper | 69.8 | 9.60 | " | 48.0 | 16.0 | 112 | 75-125 | 0.367 | 20 | |
| Lead | 22.5 | 9.60 | " | 4.80 | 17.9 | 96.4 | 75-125 | 24.5 | 20 | QR-DUP |
| Nickel | 24.4 | 9.60 | " | 4.80 | 17.7 | 139 | 75-125 | 4.39 | 20 | QM-07 |
| Selenium | 5.70 | 0.0960 | " | 4.80 | 0.369 | 111 | 75-125 | 30.1 | 20 | QR-02 |
| Silver | 4.94 | 0.0960 | " | 4.80 | 0.0835 | 101 | 75-125 | 2.89 | 20 | |
| Zinc | 126 | 96.0 | " | 48.0 | 70.3 | 116 | 75-125 | 1.33 | 20 | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B3A0605 - Saturated Paste Metals

Blank (B3A0605-BLK1)

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|---------------|------|------|------|--|--|--|--|--|--|---|
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | U |
| SAR | 0.00 | | SAR | | | | | | | U |
| Magnesium PPM | ND | 10.0 | mg/L | | | | | | | U |
| Sodium PPM | ND | 10.0 | " | | | | | | | U |

Duplicate (B3A0605-DUP1)

Source: Y301057-03

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|---------------|------|------|------|--|------|--|--|-------|-----|---|
| SAR | 0.00 | | SAR | | 1.81 | | | 200 | 200 | U |
| Calcium PPM | 267 | 10.0 | mg/L | | 271 | | | 1.43 | 50 | |
| Magnesium PPM | 90.6 | 10.0 | " | | 90.2 | | | 0.507 | 50 | |
| Sodium PPM | 143 | 10.0 | " | | 135 | | | 5.59 | 50 | |

Batch B3A0609 - DTPA Sorbitol Preparation

Blank (B3A0609-BLK1)

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|-------|----|-------|------|--|--|--|--|--|--|---|
| Boron | ND | 0.100 | mg/L | | | | | | | U |
|-------|----|-------|------|--|--|--|--|--|--|---|

Duplicate (B3A0609-DUP1)

Source: Y301061-07

Prepared: 01/06/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|-------|-------|--------|------|--|-------|--|--|------|----|--|
| Boron | 0.256 | 0.0999 | mg/L | | 0.287 | | | 11.3 | 50 | |
|-------|-------|--------|------|--|-------|--|--|------|----|--|

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Saturated Paste - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|----------|-------------|---|------|-------------|-------|-----------|-------|
| Batch B3A0611 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B3A0611-BLK1) | | | | | Prepared: 01/06/2023 Analyzed: 01/07/2023 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | U |
| Duplicate (B3A0611-DUP1) | | Source: Y301057-03 | | | Prepared: 01/06/2023 Analyzed: 01/07/2023 | | | | | |
| pH | 8.00 | | pH Units | | 7.99 | | | 0.125 | 25 | |
| Specific Conductance (EC) | 2.22 | 0.00500 | mmhos/cm | | 2.21 | | | 0.334 | 25 | |

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Jen Pellegrini, Project Manager

Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L657391 - 3550B

| MSD (L 90752-MSD-L657391) | | Source: 90752 | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | |
|----------------------------------|--------|----------------------|-------|-------|---|------|--------|-----|----|--|
| 2-Methylnaphthalene | 0.104 | 0.00201 | mg/Kg | 0.167 | <0.00194 | 62.2 | 30-130 | 3.7 | 30 | |
| Dibenz(a,h)anthracene | 0.132 | 0.00067 | " | 0.167 | <0.000614 | 79 | 30-130 | 1.5 | 30 | |
| Chrysene | 0.139 | 0.00067 | " | 0.167 | <0.000624 | 83.2 | 30-130 | 5.9 | 30 | |
| Benzo(k)fluoranthene | 0.0977 | 0.00067 | " | 0.167 | <0.000437 | 58.5 | 30-130 | 8.1 | 30 | |
| Benzo(b)fluoranthene | 0.118 | 0.00067 | " | 0.167 | <0.000585 | 70.6 | 30-130 | 1.6 | 30 | |
| Benzo(a)anthracene | 0.122 | 0.00067 | " | 0.167 | <0.000493 | 73 | 30-130 | 6.3 | 30 | |
| Fluoranthene | 0.124 | 0.00067 | " | 0.167 | <0.000394 | 74.2 | 30-130 | 2.3 | 30 | |
| Benzo(a)pyrene | 0.131 | 0.00067 | " | 0.167 | <0.000468 | 78.4 | 30-130 | 0.7 | 30 | |
| 1-Methylnaphthalene | 0.101 | 0.00201 | " | 0.167 | <0.00109 | 60.4 | 30-130 | 4.8 | 30 | |
| Acenaphthene | 0.109 | 0.00067 | " | 0.167 | <0.000304 | 65.2 | 30-130 | 6.2 | 30 | |
| Fluorene | 0.119 | 0.00067 | " | 0.167 | <0.000286 | 71.2 | 30-130 | 5.7 | 30 | |
| Indeno(1,2,3-cd)pyrene | 0.136 | 0.00067 | " | 0.167 | <0.000627 | 81.4 | 30-130 | 4.3 | 30 | |
| Pyrene | 0.122 | 0.00067 | " | 0.167 | <0.000643 | 73 | 30-130 | 0.8 | 30 | |
| Anthracene | 0.126 | 0.00067 | " | 0.167 | <0.000334 | 75.4 | 30-130 | 2.3 | 30 | |
| Surrogate: 4-Terphenyl-d14 | 57.6 | | " | 0.333 | 167 | 57.6 | 33-122 | | | |
| Surrogate: 2-Fluorobiphenyl | 47.7 | | " | 0.333 | 164 | 47.7 | 33-115 | | | |
| Surrogate: Nitrobenzene-d5 | 48 | | " | 0.333 | 166 | 48 | 29-110 | | | |

| MS (L 90752-MS-L657391) | | Source: 90752 | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | |
|--------------------------------|-------|----------------------|-------|-------|---|------|--------|--|--|--|
| Fluoranthene | 0.127 | 0.00067 | mg/Kg | 0.167 | <0.000394 | 76 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.134 | 0.00067 | " | 0.167 | <0.000614 | 80.2 | 30-130 | | | |
| Chrysene | 0.131 | 0.00067 | " | 0.167 | <0.000624 | 78.4 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.106 | 0.00067 | " | 0.167 | <0.000437 | 63.4 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.12 | 0.00067 | " | 0.167 | <0.000585 | 71.8 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.142 | 0.00067 | " | 0.167 | <0.000627 | 85 | 30-130 | | | |
| Fluorene | 0.126 | 0.00067 | " | 0.167 | <0.000286 | 75.4 | 30-130 | | | |
| Benzo(a)anthracene | 0.13 | 0.00067 | " | 0.167 | <0.000493 | 77.8 | 30-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L657391 - 3550B

| MS (L 90752-MS-L657391) | | Source: 90752 | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | |
|--------------------------------|-------|----------------------|-------|-------|---|------|--------|--|--|--|
| Anthracene | 0.129 | 0.00067 | mg/Kg | 0.167 | <0.000334 | 77.2 | 30-130 | | | |
| Acenaphthene | 0.116 | 0.00067 | " | 0.167 | <0.000304 | 69.4 | 30-130 | | | |
| 2-Methylnaphthalene | 0.108 | 0.00201 | " | 0.167 | <0.00194 | 64.6 | 30-130 | | | |
| Pyrene | 0.123 | 0.00067 | " | 0.167 | <0.000643 | 73.6 | 30-130 | | | |
| 1-Methylnaphthalene | 0.106 | 0.00201 | " | 0.167 | <0.00109 | 63.4 | 30-130 | | | |
| Benzo(a)pyrene | 0.132 | 0.00067 | " | 0.167 | <0.000468 | 79 | 30-130 | | | |
| Surrogate: Nitrobenzene-d5 | 53.4 | | " | 0.333 | 166 | 53.4 | 29-110 | | | |
| Surrogate: 4-Terphenyl-d14 | 59.4 | | " | 0.333 | 167 | 59.4 | 33-122 | | | |
| Surrogate: 2-Fluorobiphenyl | 52.8 | | " | 0.333 | 164 | 52.8 | 33-115 | | | |

| LCS (LCS-L657391) | | | | | Prepared: 01/09/2023 Analyzed: 01/09/2023 | | | | | |
|-----------------------------|-------|---------|-------|-------|---|------|--------|--|--|--|
| 1-Methylnaphthalene | 0.107 | 0.00201 | mg/Kg | 0.167 | | 64 | 30-130 | | | |
| Chrysene | 0.134 | 0.00067 | " | 0.167 | | 80.2 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.128 | 0.00067 | " | 0.167 | | 76.6 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.129 | 0.00067 | " | 0.167 | | 77.2 | 30-130 | | | |
| Fluoranthene | 0.13 | 0.00067 | " | 0.167 | | 77.8 | 30-130 | | | |
| 2-Methylnaphthalene | 0.109 | 0.00201 | " | 0.167 | | 65.2 | 30-130 | | | |
| Pyrene | 0.126 | 0.00067 | " | 0.167 | | 75.4 | 30-130 | | | |
| Benzo(a)pyrene | 0.136 | 0.00067 | " | 0.167 | | 81.4 | 30-130 | | | |
| Fluorene | 0.127 | 0.00067 | " | 0.167 | | 76 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.122 | 0.00067 | " | 0.167 | | 73 | 30-130 | | | |
| Benzo(a)anthracene | 0.134 | 0.00067 | " | 0.167 | | 80.2 | 30-130 | | | |
| Anthracene | 0.132 | 0.00067 | " | 0.167 | | 79 | 30-130 | | | |
| Acenaphthene | 0.118 | 0.00067 | " | 0.167 | | 70.6 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.105 | 0.00067 | " | 0.167 | | 62.8 | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 55.8 | | " | 0.333 | | 55.8 | 33-115 | | | |
| Surrogate: Nitrobenzene-d5 | 54.3 | | " | 0.333 | | 54.3 | 29-110 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L657391 - 3550B

LCS (LCS-L657391)

Prepared: 01/09/2023 Analyzed: 01/09/2023

Surrogate: 4-Terphenyl-d14 61.8 mg/Kg 0.333 61.8 33-122

LRB (LRB-L657391)

Prepared: 01/09/2023 Analyzed: 01/09/2023

| | | | | | | | | | | |
|-----------------------------|------|---------|-------|-------|------|--|--------|--|--|--|
| Benzo(a)anthracene | ND | 0.00067 | mg/Kg | | | | - | | | |
| Fluorene | ND | 0.00067 | " | | | | - | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | | | | - | | | |
| 2-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| Anthracene | ND | 0.00067 | " | | | | - | | | |
| 1-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| Benzo(a)pyrene | ND | 0.00067 | " | | | | - | | | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Chrysene | ND | 0.00067 | " | | | | - | | | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | | | | - | | | |
| Pyrene | ND | 0.00067 | " | | | | - | | | |
| Fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Acenaphthene | ND | 0.00067 | " | | | | - | | | |
| Surrogate: 2-Fluorobiphenyl | 50.4 | | " | 0.333 | 50.4 | | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 56.1 | | " | 0.333 | 56.1 | | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 56.7 | | " | 0.333 | 56.7 | | 29-110 | | | |

Batch L658759 - 3550B

MSD (L 93507-MSD-L658759)

Source: 93507

Prepared: 01/16/2023 Analyzed: 01/17/2023

| | | | | | | | | | | |
|------------------------|--------|---------|-------|-------|-----------|------|--------|------|----|--|
| Indeno(1,2,3-cd)pyrene | 0.112 | 0.00067 | mg/Kg | 0.164 | <0.000627 | 68.2 | 30-130 | 11.3 | 30 | |
| Pyrene | 0.0937 | 0.00067 | " | 0.164 | <0.000643 | 57.1 | 30-130 | 3.8 | 30 | |
| Benzo(k)fluoranthene | 0.0811 | 0.00067 | " | 0.164 | <0.000437 | 49.4 | 30-130 | 4.1 | 30 | |

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L658759 - 3550B

| MSD (L 93507-MSD-L658759) | | Source: 93507 | | | Prepared: 01/16/2023 Analyzed: 01/17/2023 | | | | | |
|----------------------------------|--------|----------------------|-------|-------|---|------|--------|-----|----|--|
| Chrysene | 0.106 | 0.00067 | mg/Kg | 0.164 | <0.000624 | 64.6 | 30-130 | 5.5 | 30 | |
| Dibenz(a,h)anthracene | 0.122 | 0.00067 | " | 0.164 | 0.00128 | 73.6 | 30-130 | 1.6 | 30 | |
| Fluorene | 0.095 | 0.00067 | " | 0.164 | <0.000286 | 57.9 | 30-130 | 4.5 | 30 | |
| Fluoranthene | 0.0974 | 0.00067 | " | 0.164 | <0.000394 | 59.3 | 30-130 | 4.6 | 30 | |
| Benzo(b)fluoranthene | 0.0978 | 0.00067 | " | 0.164 | <0.000585 | 59.6 | 30-130 | 7.1 | 30 | |
| Anthracene | 0.0976 | 0.00067 | " | 0.164 | <0.000334 | 59.5 | 30-130 | 7.3 | 30 | |
| 1-Methylnaphthalene | 0.0795 | 0.00201 | " | 0.164 | <0.00109 | 48.4 | 30-130 | 10 | 30 | |
| Benzo(a)pyrene | 0.101 | 0.00067 | " | 0.164 | <0.000468 | 61.5 | 30-130 | 4.8 | 30 | |
| Acenaphthene | 0.0881 | 0.00067 | " | 0.164 | <0.000304 | 53.7 | 30-130 | 6.3 | 30 | |
| Benzo(a)anthracene | 0.0924 | 0.00067 | " | 0.164 | <0.000493 | 56.3 | 30-130 | 2.8 | 30 | |
| 2-Methylnaphthalene | 0.0809 | 0.00201 | " | 0.164 | <0.00194 | 49.3 | 30-130 | 9.1 | 30 | |
| Surrogate: Nitrobenzene-d5 | 49.8 | | " | 0.329 | 167 | 49.8 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 46.8 | | " | 0.329 | 160 | 46.8 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 54.7 | | " | 0.329 | 189 | 54.7 | 33-122 | | | |

| MS (L 93507-MS-L658759) | | Source: 93507 | | | Prepared: 01/16/2023 Analyzed: 01/17/2023 | | | | | |
|--------------------------------|--------|----------------------|-------|-------|---|------|--------|--|--|--|
| 2-Methylnaphthalene | 0.0887 | 0.00201 | mg/Kg | 0.166 | <0.00194 | 53.4 | 30-130 | | | |
| Pyrene | 0.0974 | 0.00067 | " | 0.166 | <0.000643 | 58.6 | 30-130 | | | |
| 1-Methylnaphthalene | 0.0879 | 0.00201 | " | 0.166 | <0.00109 | 52.9 | 30-130 | | | |
| Acenaphthene | 0.0939 | 0.00067 | " | 0.166 | <0.000304 | 56.5 | 30-130 | | | |
| Anthracene | 0.105 | 0.00067 | " | 0.166 | <0.000334 | 63.2 | 30-130 | | | |
| Benzo(a)anthracene | 0.0951 | 0.00067 | " | 0.166 | <0.000493 | 57.2 | 30-130 | | | |
| Benzo(a)pyrene | 0.106 | 0.00067 | " | 0.166 | <0.000468 | 63.8 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.105 | 0.00067 | " | 0.166 | <0.000585 | 63.2 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.0845 | 0.00067 | " | 0.166 | <0.000437 | 50.9 | 30-130 | | | |
| Chrysene | 0.112 | 0.00067 | " | 0.166 | <0.000624 | 67.4 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.12 | 0.00067 | " | 0.166 | 0.00128 | 71.5 | 30-130 | | | |

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L658759 - 3550B

| MS (L 93507-MS-L658759) | | Source: 93507 | | | Prepared: 01/16/2023 Analyzed: 01/17/2023 | | | | | |
|--------------------------------|--------|----------------------|-------|-------|---|------|--------|--|--|--|
| Fluoranthene | 0.102 | 0.00067 | mg/Kg | 0.166 | <0.000394 | 61.4 | 30-130 | | | |
| Fluorene | 0.0994 | 0.00067 | " | 0.166 | <0.000286 | 59.8 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.1 | 0.00067 | " | 0.166 | <0.000627 | 60.2 | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 50.1 | | " | 0.331 | 160 | 50.1 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 55.5 | | " | 0.331 | 189 | 55.5 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 52.5 | | " | 0.331 | 167 | 52.5 | 29-110 | | | |

| LCS (LCS-L658759) | | Prepared: 01/16/2023 Analyzed: 01/17/2023 | | | | | | | | |
|-----------------------------|--------|---|-------|-------|--|------|--------|--|--|--|
| Benzo(a)pyrene | 0.109 | 0.00067 | mg/Kg | 0.167 | | 65.2 | 30-130 | | | |
| 1-Methylnaphthalene | 0.0896 | 0.00201 | " | 0.167 | | 53.6 | 30-130 | | | |
| 2-Methylnaphthalene | 0.0895 | 0.00201 | " | 0.167 | | 53.5 | 30-130 | | | |
| Acenaphthene | 0.0964 | 0.00067 | " | 0.167 | | 57.7 | 30-130 | | | |
| Anthracene | 0.113 | 0.00067 | " | 0.167 | | 67.6 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.105 | 0.00067 | " | 0.167 | | 62.8 | 30-130 | | | |
| Benzo(a)anthracene | 0.0982 | 0.00067 | " | 0.167 | | 58.8 | 30-130 | | | |
| Pyrene | 0.104 | 0.00067 | " | 0.167 | | 62.2 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.0939 | 0.00067 | " | 0.167 | | 56.2 | 30-130 | | | |
| Chrysene | 0.113 | 0.00067 | " | 0.167 | | 67.6 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.125 | 0.00067 | " | 0.167 | | 74.8 | 30-130 | | | |
| Fluoranthene | 0.107 | 0.00067 | " | 0.167 | | 64 | 30-130 | | | |
| Fluorene | 0.101 | 0.00067 | " | 0.167 | | 60.4 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.101 | 0.00067 | " | 0.167 | | 60.4 | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 54.9 | | " | 0.333 | | 54.9 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 63.6 | | " | 0.333 | | 63.6 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 55.5 | | " | 0.333 | | 55.5 | 29-110 | | | |

| LRB (LRB-L658759) | | Prepared: 01/16/2023 Analyzed: 01/17/2023 | | | | | | | | |
|--------------------------|--|---|--|--|--|--|--|--|--|--|
|--------------------------|--|---|--|--|--|--|--|--|--|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L658759 - 3550B

LRB (LRB-L658759)

Prepared: 01/16/2023 Analyzed: 01/17/2023

| | | | | | | | | | | |
|-----------------------------|------|---------|-------|-------|--|------|--------|--|--|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | | | | - | | | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| 2-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| Acenaphthene | ND | 0.00067 | " | | | | - | | | |
| Anthracene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)anthracene | ND | 0.00067 | " | | | | - | | | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Chrysene | ND | 0.00067 | " | | | | - | | | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | | | | - | | | |
| Fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Fluorene | ND | 0.00067 | " | | | | - | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | | | | - | | | |
| Pyrene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)pyrene | ND | 0.00067 | " | | | | - | | | |
| Surrogate: 2-Fluorobiphenyl | 57.9 | | " | 0.333 | | 57.9 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 63.9 | | " | 0.333 | | 63.9 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 63.3 | | " | 0.333 | | 63.3 | 29-110 | | | |

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, Project Manager

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

**Total Metals by 7196A - Quality Control
 Waypoint Analytical, LLC.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|----------------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| Batch L657943 - | | | | | | | | | | |
| DUP (L 90776-DUP) | | Source: 90776 | | | Prepared: Analyzed: 01/11/2023 | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | <0.500 | | - | 0 | 20 | |
| MS (L 90776-MS) | | Source: 90776 | | | Prepared: Analyzed: 01/11/2023 | | | | | |
| Chromium, Hexavalent | 38 | 2.6 | mg/Kg | 41.6 | < 0.244 | 91 | 75-125 | | | |
| MSD (L 90776-MSD) | | Source: 90776 | | | Prepared: Analyzed: 01/11/2023 | | | | | |
| Chromium, Hexavalent | 515 | 50 | mg/Kg | 628 | <24.4 | 82 | 75-125 | | | |
| Batch L659149 - | | | | | | | | | | |
| DUP (L 93495-DUP) | | Source: 93495 | | | Prepared: Analyzed: 01/18/2023 | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | <0.500 | | - | 0 | 20 | |
| MS (L 93495-MS) | | Source: 93495 | | | Prepared: Analyzed: 01/18/2023 | | | | | |
| Chromium, Hexavalent | 38.9 | 2.5 | mg/Kg | 38.7 | < 0.248 | 101 | 75-125 | | | |
| LCS (LCS) | | | | | Prepared: Analyzed: 01/18/2023 | | | | | |
| Chromium, Hexavalent | 6.85 | 0.5 | mg/Kg | 8 | | 86 | 75-125 | | | |
| LRB (LRB) | | | | | Prepared: Analyzed: 01/18/2023 | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | | | - | | | |

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.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

Notes and Definitions

U Sample is Non-Detect.

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

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.

Jen Pellegrini, Project Manager



April 01, 2022

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 15-11

Project Number - [none]

Attached are your analytical results for KMG - PSC 15-11 received by Origins Laboratory, Inc. March 21, 2022. This project is associated with Origins project number Y203502-01.

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

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------------|------------------|
| GW01 | Y203502-01 | Water | March 21, 2022 15:30 | 03/21/2022 18:00 |
| B01@6' | Y203502-02 | Soil | March 21, 2022 16:15 | 03/21/2022 18:00 |
| W01@5' | Y203502-03 | Soil | March 21, 2022 16:35 | 03/21/2022 18:00 |
| BG01@4' | Y203502-04 | Soil | March 21, 2022 16:40 | 03/21/2022 18:00 |
| BG02@4' | Y203502-05 | Soil | March 21, 2022 16:45 | 03/21/2022 18:00 |
| BG03@4' | Y203502-06 | Soil | March 21, 2022 16:50 | 03/21/2022 18:00 |
| BG04@4' | Y203502-07 | Soil | March 21, 2022 16:55 | 03/21/2022 18:00 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4203502 Client: Tasman
 Client Project ID: PSC 15-11
 Checklist Completed by: KH Shipped Via: TD
 Date/time completed: 3/2/12 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: NA
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 B 1 °C 1 °C 1 °C (Describe)
 Thermometer ID: 1004

| 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"/> | | <u>same day</u> |
| 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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH) | <input checked="" type="checkbox"/> | | | <u>HCL</u> |
| Additional Comments (if any): | | | | |

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Kenneth
 Reviewed by (Project Manager)

3/2/12
 Date/Time Reviewed

Origins Laboratory, Inc.

Bynon

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

GW01

3/21/2022 3:30:00PM

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

Origins Laboratory, Inc.
Y203502-01 (Water)

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|------|--|------|------|-----|---------|------------|------------|--|
| 1,2,4-Trimethylbenzene | 869 | | 200 | ug/L | 100 | B2C2122 | 03/21/2022 | 03/22/2022 | |
| 1,3,5-Trimethylbenzene | 1090 | | 20.0 | " | 10 | " | " | 03/21/2022 | |
| Benzene | 1160 | | 10.0 | " | " | " | " | " | |
| Ethylbenzene | 491 | | 10.0 | " | " | " | " | " | |
| Naphthalene | 361 | | 20.0 | " | " | " | " | " | |
| Toluene | 5400 | | 100 | " | 100 | " | " | 03/22/2022 | |
| Xylenes, total | 5930 | | 100 | " | " | " | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--|--------|--|--|---|---|------------|--|
| Surrogate: 1,2-Dichloroethane-d4 | 95.6 % | | 70-130 | | | " | " | 03/21/2022 | |
| Surrogate: Toluene-d8 | 103 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 100 % | | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B01@6'

3/21/2022 4:15:00PM

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

Origins Laboratory, Inc.
Y203502-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.118 | | 0.0987 | mg/L | 1 | B2C2208 | 03/22/2022 | 03/23/2022 | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|-----|--|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | 332 | | 25.0 | mg/kg | 1 | B2C2119 | 03/21/2022 | 03/22/2022 | |
| Residual Range Organics (C28-C40) | ND | | 100 | " | " | " | " | " | U |

| | | | | | | | | | |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 87.7 % | | 50-150 | | | " | " | " | |
|------------------------|--------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|------|--|--------|-------|-----|---------|------------|------------|--|
| 1,2,4-Trimethylbenzene | 22.2 | | 0.500 | mg/kg | 250 | B2C2120 | 03/21/2022 | 03/22/2022 | |
| 1,3,5-Trimethylbenzene | 7.68 | | 0.0500 | " | 25 | " | " | 03/22/2022 | |
| Benzene | 2.46 | | 0.0500 | " | " | " | " | " | |
| Ethylbenzene | 2.50 | | 0.0500 | " | " | " | " | " | |
| Toluene | 53.8 | | 0.500 | " | 250 | " | " | 03/22/2022 | |
| Xylenes, total | 100 | | 0.500 | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 1380 | | 50.0 | " | " | " | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--|--------|--|--|---|---|------------|--|
| Surrogate: 1,2-Dichloroethane-d4 | 101 % | | 70-130 | | | " | " | 03/22/2022 | |
| Surrogate: Toluene-d8 | 96.1 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 127 % | | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B01@6'

3/21/2022 4:15:00PM

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

Origins Laboratory, Inc.
Y203502-02 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 3.09 | | 0.499 | meq/L | 10 | [CALC] | 03/22/2022 | 03/23/2022 | |
| Magnesium | 1.16 | | 0.823 | " | " | " | " | " | |
| Sodium | 1.14 | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----------|----------|---------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | 0.199 | 0.000364 | 0.00067 | mg/Kg | 1 | L607268 | 03/28/2022 | 03/29/2022 | |
| 2-Methylnaphthalene | 0.265 | 0.000645 | 0.00067 | " | " | " | " | " | |
| Acenaphthene | 0.0178 | 0.000304 | 0.00067 | " | " | " | " | " | |
| Anthracene | 0.000627 | 0.000334 | 0.00067 | " | " | " | " | " | J |
| Benzo(a)anthracene | 0.000679 | 0.000493 | 0.00067 | " | " | " | " | " | |
| Benzo(a)pyrene | 0.00163 | 0.000468 | 0.00067 | " | " | " | " | " | |
| Benzo(b)fluoranthene | 0.00118 | 0.000585 | 0.00067 | " | " | " | " | " | |
| Benzo(k)fluoranthene | ND | 0.000437 | 0.00067 | " | " | " | " | " | |
| Chrysene | 0.00448 | 0.000624 | 0.00067 | " | " | " | " | " | B |
| Dibenz(a,h)anthracene | ND | 0.000614 | 0.00067 | " | " | " | " | " | |
| Fluoranthene | 0.000998 | 0.000394 | 0.00067 | " | " | " | " | " | |
| Fluorene | 0.0323 | 0.000286 | 0.00067 | " | " | " | " | " | |
| Indeno(1,2,3-cd)pyrene | 0.000707 | 0.000627 | 0.00067 | " | " | " | " | " | |
| Naphthalene | 0.148 | 0.000484 | 0.00067 | " | " | " | " | " | |
| Pyrene | 0.00295 | 0.000643 | 0.00067 | " | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B01@6'

3/21/2022 4:15:00PM

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

Waypoint Analytical, Inc.
Y203502-02 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: 2-Fluorobiphenyl | 84.4 % | | 33-115 | | | L6072 68 | 03/28/2022 | 03/29/2022 | |
| Surrogate: 4-Terphenyl-d14 | 88.1 % | | 33-122 | | | " | " | " | |
| Surrogate: Nitrobenzene-d5 | 55 % | | 29-110 | | | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.45 | | | pH Units | 1 | B2C2212 | 03/22/2022 | 03/23/2022 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|
| SAR | 0.781 | | | SAR | 1 | B2C2206 | 03/22/2022 | 03/23/2022 | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.523 | | 0.00500 | mmhos/cm | 1 | B2C2215 | 03/22/2022 | 03/23/2022 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Total Metals by 6020B

| | | | | | | | | | |
|----------|-------|--------|------|-------|---|---------|------------|------------|---|
| Arsenic | 2.94 | 0.0855 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Barium | 71.3 | 0.042 | 0.25 | " | " | " | " | " | |
| Cadmium | 0.207 | 0.0259 | 0.25 | " | " | " | " | " | J |
| Copper | 11.4 | 0.0806 | 0.25 | " | " | " | " | " | |
| Lead | 11.6 | 0.031 | 0.25 | " | " | " | " | " | |
| Nickel | 6.22 | 0.0633 | 0.25 | " | " | " | " | " | |
| Selenium | 0.911 | 0.103 | 0.25 | " | " | " | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B01@6'

3/21/2022 4:15:00PM

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

Waypoint Analytical, Inc.
Y203502-02 (Soil)

Total Metals by 6020B

| | | | | | | | | | |
|--------|-------|--------|------|-------|---|---------|------------|------------|---|
| Silver | 0.102 | 0.0067 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | J |
| Zinc | 44.2 | 0.534 | 2.5 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1.24 | 2.54 | mg/Kg | 5 | L607686 | 03/21/2022 | 03/29/2022 | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W01@5'
3/21/2022 4:35:00PM

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

Origins Laboratory, Inc.
Y203502-03 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.138 | | 0.0982 | mg/L | 1 | B2C2208 | 03/22/2022 | 03/23/2022 | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|-----|--|------|-------|---|---------|------------|------------|--|
| Diesel (C10-C28) | 395 | | 25.0 | mg/kg | 1 | B2C2119 | 03/21/2022 | 03/22/2022 | |
| Residual Range Organics (C28-C40) | 110 | | 100 | " | " | " | " | " | |

| | | | | | | | | | |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 91.4 % | | 50-150 | | | " | " | " | |
|------------------------|--------|--|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|------|--|-------|-------|-----|---------|------------|------------|--|
| 1,2,4-Trimethylbenzene | 12.1 | | 0.500 | mg/kg | 250 | B2C2120 | 03/21/2022 | 03/22/2022 | |
| 1,3,5-Trimethylbenzene | 7.64 | | 0.500 | " | " | " | " | " | |
| Benzene | 1.01 | | 0.500 | " | " | " | " | " | |
| Ethylbenzene | 2.08 | | 0.500 | " | " | " | " | " | |
| Toluene | 16.5 | | 0.500 | " | " | " | " | " | |
| Xylenes, total | 44.5 | | 0.500 | " | " | " | " | " | |
| Gasoline Range Hydrocarbons | 581 | | 50.0 | " | " | " | " | " | |

| | | | | | | | | | |
|----------------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 90.2 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 97.1 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 104 % | | 70-130 | | | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W01@5'

3/21/2022 4:35:00PM

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

Origins Laboratory, Inc.
 Y203502-03 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|-------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 2.53 | | 0.499 | meq/L | 10 | [CALC] | 03/22/2022 | 03/23/2022 | |
| Magnesium | 0.938 | | 0.823 | " | " | " | " | " | |
| Sodium | 0.813 | | 0.435 | " | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|-----------------------------|---------|---------|--------|-------|----|---------|------------|------------|---|
| 1-Methylnaphthalene | 0.571 | 0.00364 | 0.0067 | mg/Kg | 10 | L607268 | 03/28/2022 | 03/29/2022 | |
| 2-Methylnaphthalene | 0.991 | 0.00645 | 0.0067 | " | " | " | " | " | |
| Acenaphthene | 0.0637 | 0.00304 | 0.0067 | " | " | " | " | " | |
| Anthracene | 0.0034 | 0.00334 | 0.0067 | " | " | " | " | " | J |
| Benzo(a)anthracene | ND | 0.00493 | 0.0067 | " | " | " | " | " | |
| Benzo(a)pyrene | 0.00561 | 0.00468 | 0.0067 | " | " | " | " | " | J |
| Benzo(b)fluoranthene | ND | 0.00585 | 0.0067 | " | " | " | " | " | |
| Benzo(k)fluoranthene | ND | 0.00437 | 0.0067 | " | " | " | " | " | |
| Chrysene | 0.0113 | 0.00624 | 0.0067 | " | " | " | " | " | B |
| Dibenz(a,h)anthracene | ND | 0.00614 | 0.0067 | " | " | " | " | " | |
| Fluoranthene | ND | 0.00394 | 0.0067 | " | " | " | " | " | |
| Fluorene | 0.108 | 0.00286 | 0.0067 | " | " | " | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00627 | 0.0067 | " | " | " | " | " | |
| Naphthalene | 0.433 | 0.00484 | 0.0067 | " | " | " | " | " | |
| Pyrene | 0.00751 | 0.00643 | 0.0067 | " | " | " | " | " | |
| Surrogate: 2-Fluorobiphenyl | 86.4 % | | 33-115 | | | " | " | " | |
| Surrogate: 4-Terphenyl-d14 | 97.9 % | | 33-122 | | | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W01@5'

3/21/2022 4:35:00PM

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

Waypoint Analytical, Inc.
Y203502-03 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|----------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Nitrobenzene-d5 | 52.4 % | | 29-110 | | | L6072 68 | 03/28/2022 | 03/29/2022 | |
|----------------------------|--------|--|--------|--|--|-------------|------------|------------|--|

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.58 | | | pH Units | 1 | B2C2212 | 03/22/2022 | 03/23/2022 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|
| SAR | 0.617 | | | SAR | 1 | B2C2206 | 03/22/2022 | 03/23/2022 | |
|-----|-------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.416 | | 0.00500 | mmhos/cm | 1 | B2C2215 | 03/22/2022 | 03/23/2022 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Total Metals by 6020B

| | | | | | | | | | |
|----------|--------|--------|------|-------|---|---------|------------|------------|---|
| Arsenic | 1.29 | 0.0855 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Barium | 32.8 | 0.042 | 0.25 | " | " | " | " | " | |
| Cadmium | 0.082 | 0.0259 | 0.25 | " | " | " | " | " | J |
| Copper | 4.75 | 0.0806 | 0.25 | " | " | " | " | " | |
| Lead | 5.64 | 0.031 | 0.25 | " | " | " | " | " | |
| Nickel | 3.86 | 0.0633 | 0.25 | " | " | " | " | " | |
| Selenium | 0.431 | 0.103 | 0.25 | " | " | " | " | " | |
| Silver | 0.0311 | 0.0067 | 0.25 | " | " | " | " | " | J |
| Zinc | 22.9 | 0.534 | 2.5 | " | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

W01@5'

3/21/2022 4:35:00PM

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

Waypoint Analytical, Inc.
Y203502-03 (Soil)

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1.25 | 2.56 | mg/Kg | 5 | L607686 | 03/21/2022 | 03/29/2022 | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG01@4'
3/21/2022 4:40:00PM

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

Origins Laboratory, Inc.
Y203502-04 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|----|--|------|------|----|---------|------------|------------|--|
| Boron | ND | | 1.01 | mg/L | 10 | B2C2208 | 03/22/2022 | 03/23/2022 | |
|-------|----|--|------|------|----|---------|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|---|--------|------------|------------|--|
| Calcium | 2.81 | | 0.499 | meq/L | " | [CALC] | 03/22/2022 | 03/23/2022 | |
| Magnesium | 1.05 | | 0.823 | " | " | " | " | " | |
| Sodium | 2.51 | | 0.435 | " | " | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.37 | | | pH Units | 1 | B2C2212 | 03/22/2022 | 03/23/2022 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|-----|---|---------|------------|------------|--|
| SAR | 1.81 | | | SAR | 1 | B2C2206 | 03/22/2022 | 03/23/2022 | |
|-----|------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.641 | | 0.00500 | mmhos/cm | 1 | B2C2215 | 03/22/2022 | 03/23/2022 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Total Metals by 6020B

| | | | | | | | | | |
|---------|-------|--------|------|-------|---|---------|------------|------------|---|
| Arsenic | 1.32 | 0.0855 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Barium | 60.5 | 0.042 | 0.25 | " | " | " | " | " | |
| Cadmium | 0.105 | 0.0259 | 0.25 | " | " | " | " | " | J |
| Copper | 8.21 | 0.0806 | 0.25 | " | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG01@4'
3/21/2022 4:40:00PM

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

Waypoint Analytical, Inc.
Y203502-04 (Soil)

Total Metals by 6020B

| | | | | | | | | | |
|----------|--------|--------|------|-------|---|---------|------------|------------|---|
| Lead | 8.28 | 0.031 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Nickel | 5.03 | 0.0633 | 0.25 | " | " | " | " | " | |
| Selenium | 0.483 | 0.103 | 0.25 | " | " | " | " | " | |
| Silver | 0.0598 | 0.0067 | 0.25 | " | " | " | " | " | J |
| Zinc | 36.2 | 0.534 | 2.5 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|-----|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1.22 | 2.5 | mg/Kg | 5 | L607686 | 03/21/2022 | 03/29/2022 | |
|----------------------|----|------|-----|-------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG02@4'
3/21/2022 4:45:00PM

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

Origins Laboratory, Inc.
Y203502-05 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.277 | | 0.0988 | mg/L | 1 | B2C2209 | 03/22/2022 | 03/23/2022 | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 1.99 | | 0.499 | meq/L | 10 | [CALC] | 03/22/2022 | 03/23/2022 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | 1.52 | | 0.435 | " | " | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.92 | | | pH Units | 1 | B2C2212 | 03/22/2022 | 03/23/2022 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|-----|---|---------|------------|------------|--|
| SAR | 1.29 | | | SAR | 1 | B2C2206 | 03/22/2022 | 03/23/2022 | |
|-----|------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.447 | | 0.00500 | mmhos/cm | 1 | B2C2215 | 03/22/2022 | 03/23/2022 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Total Metals by 6020B

| | | | | | | | | | |
|---------|-------|--------|------|-------|---|---------|------------|------------|--|
| Arsenic | 2.58 | 0.0855 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Barium | 82.1 | 0.042 | 0.25 | " | " | " | " | " | |
| Cadmium | 0.254 | 0.0259 | 0.25 | " | " | " | " | " | |
| Copper | 14 | 0.0806 | 0.25 | " | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG02@4'
3/21/2022 4:45:00PM

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

Waypoint Analytical, Inc.
Y203502-05 (Soil)

Total Metals by 6020B

| | | | | | | | | | |
|----------|-------|--------|------|-------|---|---------|------------|------------|---|
| Lead | 14.8 | 0.031 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Nickel | 7.45 | 0.0633 | 0.25 | " | " | " | " | " | |
| Selenium | 0.754 | 0.103 | 0.25 | " | " | " | " | " | |
| Silver | 0.135 | 0.0067 | 0.25 | " | " | " | " | " | J |
| Zinc | 54.4 | 0.534 | 2.5 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|-----|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1.22 | 2.5 | mg/Kg | 5 | L607686 | 03/21/2022 | 03/29/2022 | |
|----------------------|----|------|-----|-------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG03@4'
3/21/2022 4:50:00PM

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

Origins Laboratory, Inc.
Y203502-06 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.319 | | 0.0997 | mg/L | 1 | B2C2209 | 03/22/2022 | 03/23/2022 | |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 1.94 | | 0.499 | meq/L | 10 | [CALC] | 03/22/2022 | 03/23/2022 | |
| Magnesium | ND | | 0.823 | " | " | " | " | " | |
| Sodium | 2.19 | | 0.435 | " | " | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.60 | | | pH Units | 1 | B2C2212 | 03/22/2022 | 03/23/2022 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|-----|---|---------|------------|------------|--|
| SAR | 1.89 | | | SAR | 1 | B2C2206 | 03/22/2022 | 03/23/2022 | |
|-----|------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.514 | | 0.00500 | mmhos/cm | 1 | B2C2215 | 03/22/2022 | 03/23/2022 | |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

Total Metals by 6020B

| | | | | | | | | | |
|---------|------|--------|------|-------|---|---------|------------|------------|--|
| Arsenic | 2.49 | 0.0855 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Barium | 110 | 0.042 | 0.25 | " | " | " | " | " | |
| Cadmium | 0.28 | 0.0259 | 0.25 | " | " | " | " | " | |
| Copper | 16.3 | 0.0806 | 0.25 | " | " | " | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG03@4'
3/21/2022 4:50:00PM

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

Waypoint Analytical, Inc.
Y203502-06 (Soil)

Total Metals by 6020B

| | | | | | | | | | |
|----------|-------|--------|------|-------|---|---------|------------|------------|---|
| Lead | 15.9 | 0.031 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Nickel | 8.85 | 0.0633 | 0.25 | " | " | " | " | " | |
| Selenium | 0.814 | 0.103 | 0.25 | " | " | " | " | " | |
| Silver | 0.116 | 0.0067 | 0.25 | " | " | " | " | " | J |
| Zinc | 64.1 | 0.534 | 2.5 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1.25 | 2.56 | mg/Kg | 5 | L607686 | 03/21/2022 | 03/29/2022 | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG04@4'
3/21/2022 4:55:00PM

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

Origins Laboratory, Inc.
Y203502-07 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | | |
|-------|-------|--|-------|------|---|---------|------------|------------|--|
| Boron | 0.421 | | 0.100 | mg/L | 1 | B2C2209 | 03/22/2022 | 03/23/2022 | |
|-------|-------|--|-------|------|---|---------|------------|------------|--|

Metals by Saturated Paste by EPA 6010

| | | | | | | | | | |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium | 6.81 | | 0.499 | meq/L | 10 | [CALC] | 03/22/2022 | 03/23/2022 | |
| Magnesium | 2.40 | | 0.823 | " | " | " | " | " | |
| Sodium | 4.18 | | 0.435 | " | " | " | " | " | |

pH in Soil by 9045D

| | | | | | | | | | |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 7.46 | | | pH Units | 1 | B2C2212 | 03/22/2022 | 03/23/2022 | |
|----|------|--|--|----------|---|---------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|-----|---|---------|------------|------------|--|
| SAR | 1.95 | | | SAR | 1 | B2C2206 | 03/22/2022 | 03/23/2022 | |
|-----|------|--|--|-----|---|---------|------------|------------|--|

Specific Conductance Mod. 9050A

| | | | | | | | | | |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 1.26 | | 0.00500 | mmhos/cm | 1 | B2C2215 | 03/22/2022 | 03/23/2022 | |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

Total Metals by 6020B

| | | | | | | | | | |
|---------|-------|--------|------|-------|---|---------|------------|------------|---|
| Arsenic | 2.45 | 0.0855 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Barium | 107 | 0.042 | 0.25 | " | " | " | " | " | |
| Cadmium | 0.236 | 0.0259 | 0.25 | " | " | " | " | " | J |
| Copper | 14.6 | 0.0806 | 0.25 | " | " | " | " | " | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG04@4'
3/21/2022 4:55:00PM

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

Waypoint Analytical, Inc.
Y203502-07 (Soil)

Total Metals by 6020B

| | | | | | | | | | |
|----------|-------|--------|------|-------|---|---------|------------|------------|---|
| Lead | 13.7 | 0.031 | 0.25 | mg/Kg | 5 | L606848 | 03/24/2022 | 03/29/2022 | |
| Nickel | 8.4 | 0.0633 | 0.25 | " | " | " | " | " | |
| Selenium | 0.777 | 0.103 | 0.25 | " | " | " | " | " | |
| Silver | 0.109 | 0.0067 | 0.25 | " | " | " | " | " | J |
| Zinc | 63.3 | 0.534 | 2.5 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|
| Chromium, Hexavalent | ND | 1.26 | 2.58 | mg/Kg | 5 | L607686 | 03/21/2022 | 03/29/2022 | |
|----------------------|----|------|------|-------|---|---------|------------|------------|--|

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2119 - EPA 3550B | | | | | | | | | | |
| Blank (B2C2119-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 03/21/2022 Analyzed: 03/22/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 18 | | " | 24.9 | | 71.6 | 50-150 | | | |

Origins Laboratory, Inc.



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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2119 - EPA 3550B

LCS (B2C2119-BS1)

Prepared: 03/21/2022 Analyzed: 03/22/2022

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 775 | 50.0 | mg/kg | 1000 | | 77.5 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 814 | 200 | " | 1000 | | 81.4 | 70-130 | | | |
| Surrogate: o-Terphenyl | 41 | | " | 49.8 | | 81.7 | 50-150 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2119 - EPA 3550B

| Matrix Spike (B2C2119-MS1) | Source: Y203498-01 | | | Prepared: 03/21/2022 Analyzed: 03/22/2022 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28) | 915 | 50.0 | mg/kg | 1000 | ND | 91.5 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 954 | 200 | " | 1000 | ND | 95.4 | 70-130 | | | |
| Surrogate: o-Terphenyl | 46 | | " | 49.8 | | 91.9 | 50-150 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2119 - EPA 3550B | | | | | | | | | | |
| Matrix Spike Dup (B2C2119-MSD1) | | Source: Y203498-01 | | | Prepared: 03/21/2022 Analyzed: 03/22/2022 | | | | | |
| Diesel (C10-C28) | 875 | 50.0 | mg/kg | 1000 | ND | 87.5 | 70-130 | 4.48 | 35 | |
| Residual Range Organics (C28-C40) | 978 | 200 | " | 1000 | ND | 97.8 | 70-130 | 2.54 | 35 | |
| Surrogate: o-Terphenyl | 46 | | " | 49.8 | | 92.2 | 50-150 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2120 - EPA 5030 (soil)

Blank (B2C2120-BLK1)

Prepared: 03/21/2022 Analyzed: 03/21/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|---|
| 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 | 0.0100 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 92.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 97.3 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 101 | 70-130 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2120 - EPA 5030 (soil)

LCS (B2C2120-BS1)

Prepared: 03/21/2022 Analyzed: 03/21/2022

| | | | | | | | | | | |
|----------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.102 | 0.00200 | mg/kg | 0.100 | | 102 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.103 | 0.00200 | " | 0.100 | | 103 | 70-130 | | | |
| Benzene | 0.107 | 0.00200 | " | 0.100 | | 107 | 70-130 | | | |
| Ethylbenzene | 0.103 | 0.00200 | " | 0.100 | | 103 | 70-130 | | | |
| Naphthalene | 0.106 | 0.0100 | " | 0.100 | | 106 | 70-130 | | | |
| Toluene | 0.103 | 0.00200 | " | 0.100 | | 103 | 70-130 | | | |
| o-Xylene | 0.103 | 0.00200 | " | 0.100 | | 103 | 70-130 | | | |
| m,p-Xylene | 0.209 | 0.00400 | " | 0.200 | | 105 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 93.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 99.7 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 101 | 70-130 | | | |

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Tasman Geosciences
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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2120 - EPA 5030 (soil)

| Matrix Spike (B2C2120-MS1) | Source: Y203498-01 | | | Prepared: 03/21/2022 Analyzed: 03/21/2022 | | | | | | |
|-----------------------------------|---------------------------|---------|-------|--|---------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0754 | 0.00200 | mg/kg | 0.100 | ND | 75.4 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0751 | 0.00200 | " | 0.100 | ND | 75.1 | 70-130 | | | |
| Benzene | 0.0837 | 0.00200 | " | 0.100 | ND | 83.7 | 70-130 | | | |
| Ethylbenzene | 0.0796 | 0.00200 | " | 0.100 | ND | 79.6 | 70-130 | | | |
| Naphthalene | 0.0787 | 0.0100 | " | 0.100 | 0.00234 | 76.4 | 70-130 | | | |
| Toluene | 0.0791 | 0.00200 | " | 0.100 | ND | 79.1 | 70-130 | | | |
| o-Xylene | 0.0794 | 0.00200 | " | 0.100 | ND | 79.4 | 70-130 | | | |
| m,p-Xylene | 0.161 | 0.00400 | " | 0.200 | ND | 80.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 95.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 98.5 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 102 | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2120 - EPA 5030 (soil)

| Matrix Spike Dup (B2C2120-MSD1) | Source: Y203498-01 | | Prepared: 03/21/2022 Analyzed: 03/22/2022 | | | | | | | |
|--|---------------------------|---------|--|-------|---------|------|--------|------|----|-------|
| 1,2,4-Trimethylbenzene | 0.145 | 0.00200 | mg/kg | 0.100 | ND | 145 | 70-130 | 63.3 | 20 | QM-07 |
| 1,3,5-Trimethylbenzene | 0.145 | 0.00200 | " | 0.100 | ND | 145 | 70-130 | 63.4 | 20 | QM-07 |
| Benzene | 0.141 | 0.00200 | " | 0.100 | ND | 141 | 70-130 | 50.8 | 20 | QM-07 |
| Ethylbenzene | 0.145 | 0.00200 | " | 0.100 | ND | 145 | 70-130 | 58.4 | 20 | QM-07 |
| Naphthalene | 0.143 | 0.0100 | " | 0.100 | 0.00234 | 141 | 70-130 | 58.2 | 20 | QM-07 |
| Toluene | 0.145 | 0.00200 | " | 0.100 | ND | 145 | 70-130 | 58.8 | 20 | QM-07 |
| o-Xylene | 0.146 | 0.00200 | " | 0.100 | ND | 146 | 70-130 | 58.9 | 20 | QM-07 |
| m,p-Xylene | 0.287 | 0.00400 | " | 0.200 | ND | 143 | 70-130 | 56.3 | 20 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 97.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2122 - EPA 5030B (Water)

Blank (B2C2122-BLK1)

Prepared: 03/21/2022 Analyzed: 03/21/2022

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|------|--|--------|--|--|---|
| 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 | 59 | | " | 62.5 | 93.9 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | 99.1 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | 99.8 | | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2122 - EPA 5030B (Water)

LCS (B2C2122-BS1)

Prepared: 03/21/2022 Analyzed: 03/21/2022

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 55.1 | 2.00 | ug/L | 50.0 | | 110 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 51.4 | 2.00 | " | 50.0 | | 103 | 70-130 | | | |
| Benzene | 56.1 | 1.00 | " | 50.0 | | 112 | 70-130 | | | |
| Ethylbenzene | 55.8 | 1.00 | " | 50.0 | | 112 | 70-130 | | | |
| m,p-Xylene | 114 | 2.00 | " | 100 | | 114 | 70-130 | | | |
| Naphthalene | 44.9 | 2.00 | " | 50.0 | | 89.7 | 70-130 | | | |
| o-Xylene | 55.6 | 1.00 | " | 50.0 | | 111 | 70-130 | | | |
| Toluene | 58.4 | 1.00 | " | 50.0 | | 117 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 58 | | " | 62.5 | | 93.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 63 | | " | 62.5 | | 101 | 70-130 | | | |

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Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2122 - EPA 5030B (Water)

| Matrix Spike (B2C2122-MS1) | Source: Y203503-01 | | | Prepared: 03/21/2022 Analyzed: 03/21/2022 | | | | | | |
|-----------------------------------|---------------------------|------|------|--|-------|------|--------|--|--|-------|
| 1,2,4-Trimethylbenzene | 147 | 2.00 | ug/L | 50.0 | 89.5 | 116 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 119 | 2.00 | " | 50.0 | 56.8 | 125 | 70-130 | | | |
| Benzene | 90.4 | 1.00 | " | 50.0 | 32.5 | 116 | 70-130 | | | |
| Ethylbenzene | 66.4 | 1.00 | " | 50.0 | ND | 133 | 70-130 | | | QM-07 |
| m,p-Xylene | 563 | 2.00 | " | 100 | 398 | 166 | 70-130 | | | QM-07 |
| Naphthalene | 49.0 | 2.00 | " | 50.0 | 3.70 | 90.5 | 70-130 | | | |
| o-Xylene | 236 | 1.00 | " | 50.0 | 197 | 77.0 | 70-130 | | | |
| Toluene | 68.9 | 1.00 | " | 50.0 | 0.390 | 137 | 70-130 | | | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 59 | | " | 62.5 | | 93.7 | 70-130 | | | |
| Surrogate: Toluene-d8 | 65 | | " | 62.5 | | 105 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 65 | | " | 62.5 | | 104 | 70-130 | | | |

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2C2122 - EPA 5030B (Water)

| Matrix Spike Dup (B2C2122-MSD1) | Source: Y203503-01 | | | Prepared: 03/21/2022 Analyzed: 03/21/2022 | | | | | | |
|----------------------------------|--------------------|------|------|---|-------|------|--------|--------|----|-------|
| 1,2,4-Trimethylbenzene | 147 | 2.00 | ug/L | 50.0 | 89.5 | 116 | 70-130 | 0.0203 | 20 | |
| 1,3,5-Trimethylbenzene | 120 | 2.00 | " | 50.0 | 56.8 | 126 | 70-130 | 0.468 | 20 | |
| Benzene | 91.0 | 1.00 | " | 50.0 | 32.5 | 117 | 70-130 | 0.739 | 20 | |
| Ethylbenzene | 67.2 | 1.00 | " | 50.0 | ND | 134 | 70-130 | 1.20 | 20 | QM-07 |
| m,p-Xylene | 570 | 2.00 | " | 100 | 398 | 173 | 70-130 | 1.21 | 20 | QM-07 |
| Naphthalene | 53.1 | 2.00 | " | 50.0 | 3.70 | 98.8 | 70-130 | 8.11 | 20 | |
| o-Xylene | 238 | 1.00 | " | 50.0 | 197 | 81.1 | 70-130 | 0.870 | 20 | |
| Toluene | 69.2 | 1.00 | " | 50.0 | 0.390 | 138 | 70-130 | 0.391 | 20 | QM-07 |
| Surrogate: 1,2-Dichloroethane-d4 | 58 | | " | 62.5 | | 93.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 66 | | " | 62.5 | | 105 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 64 | | " | 62.5 | | 103 | 70-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

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

Batch L607268 - 3550B

| MSD (L 94495-MSD-L607268) | | Source: 94495 | | | Prepared: 03/28/2022 Analyzed: 03/29/2022 | | | | | |
|----------------------------------|--------|----------------------|-------|-------|---|------|--------|------|----|--|
| Benzo(b)fluoranthene | 0.111 | 0.000585 | mg/Kg | 0.164 | 94495 | 67.6 | 30-130 | 16.5 | 30 | |
| 1-Methylnaphthalene | 0.117 | 0.000364 | " | 0.164 | 94495 | 71.3 | 30-130 | 5 | 30 | |
| 2-Methylnaphthalene | 0.118 | 0.000645 | " | 0.164 | 94495 | 71.9 | 30-130 | 3.3 | 30 | |
| Acenaphthene | 0.111 | 0.000304 | " | 0.164 | 94495 | 67.6 | 30-130 | 4.4 | 30 | |
| Anthracene | 0.13 | 0.000334 | " | 0.164 | 94495 | 79.2 | 30-130 | 5.9 | 30 | |
| Pyrene | 0.13 | 0.000643 | " | 0.164 | 94495 | 79.2 | 30-130 | 7.4 | 30 | |
| Naphthalene | 0.111 | 0.000484 | " | 0.164 | 94495 | 67.6 | 30-130 | 5.2 | 30 | |
| Indeno(1,2,3-cd)pyrene | 0.12 | 0.000627 | " | 0.164 | 94495 | 73.1 | 30-130 | 18.8 | 30 | |
| Fluorene | 0.124 | 0.000286 | " | 0.164 | 94495 | 75.6 | 30-130 | 5.4 | 30 | |
| Fluoranthene | 0.13 | 0.000394 | " | 0.164 | 94495 | 79.2 | 30-130 | 8.8 | 30 | |
| Dibenz(a,h)anthracene | 0.129 | 0.000614 | " | 0.164 | 94495 | 78.6 | 30-130 | 18.3 | 30 | |
| Chrysene | 0.116 | 0.000624 | " | 0.164 | 94495 | 70.7 | 30-130 | 9 | 30 | |
| Benzo(k)fluoranthene | 0.0907 | 0.000437 | " | 0.164 | 94495 | 55.3 | 30-130 | 21 | 30 | |
| Benzo(a)pyrene | 0.118 | 0.000468 | " | 0.164 | 94495 | 71.9 | 30-130 | 11.9 | 30 | |
| Benzo(a)anthracene | 0.124 | 0.000493 | " | 0.164 | 94495 | 75.6 | 30-130 | 9.9 | 30 | |
| Surrogate: 2-Fluorobiphenyl | 71.4 | | " | 0.329 | 249 | 71.4 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 82.6 | | " | 0.329 | 268 | 82.6 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 58.9 | | " | 0.329 | 217 | 58.9 | 29-110 | | | |

| MS (L 94495-MS-L607268) | | Source: 94495 | | | Prepared: 03/28/2022 Analyzed: 03/29/2022 | | | | | |
|--------------------------------|-------|----------------------|-------|-------|---|------|--------|--|--|--|
| Benzo(a)pyrene | 0.133 | 0.000468 | mg/Kg | 0.166 | 94495 | 80.1 | 30-130 | | | |
| Chrysene | 0.127 | 0.000624 | " | 0.166 | 94495 | 76.5 | 30-130 | | | |
| Pyrene | 0.14 | 0.000643 | " | 0.166 | 94495 | 84.3 | 30-130 | | | |
| Naphthalene | 0.117 | 0.000484 | " | 0.166 | 94495 | 70.4 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.145 | 0.000627 | " | 0.166 | 94495 | 87.3 | 30-130 | | | |
| Fluorene | 0.131 | 0.000286 | " | 0.166 | 94495 | 78.9 | 30-130 | | | |
| Fluoranthene | 0.142 | 0.000394 | " | 0.166 | 94495 | 85.5 | 30-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

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

Batch L607268 - 3550B

| MS (L 94495-MS-L607268) | | Source: 94495 | | | Prepared: 03/28/2022 Analyzed: 03/29/2022 | | | | | |
|--------------------------------|-------|----------------------|-------|-------|---|------|--------|--|--|--|
| Dibenz(a,h)anthracene | 0.155 | 0.000614 | mg/Kg | 0.166 | 94495 | 93.3 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.131 | 0.000585 | " | 0.166 | 94495 | 78.9 | 30-130 | | | |
| Benzo(a)anthracene | 0.137 | 0.000493 | " | 0.166 | 94495 | 82.5 | 30-130 | | | |
| Anthracene | 0.138 | 0.000334 | " | 0.166 | 94495 | 83.1 | 30-130 | | | |
| Acenaphthene | 0.116 | 0.000304 | " | 0.166 | 94495 | 69.8 | 30-130 | | | |
| 2-Methylnaphthalene | 0.122 | 0.000645 | " | 0.166 | 94495 | 73.4 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.112 | 0.000437 | " | 0.166 | 94495 | 67.4 | 30-130 | | | |
| 1-Methylnaphthalene | 0.123 | 0.000364 | " | 0.166 | 94495 | 74 | 30-130 | | | |
| Surrogate: Nitrobenzene-d5 | 61 | | " | 0.331 | 217 | 61 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 73.4 | | " | 0.331 | 249 | 73.4 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 87.3 | | " | 0.331 | 268 | 87.3 | 33-122 | | | |

| LCS (LCS-L607268) | | | | | Prepared: 03/28/2022 Analyzed: 03/29/2022 | | | | | |
|--------------------------|-------|----------|-------|-------|---|------|--------|--|--|--|
| Pyrene | 0.145 | 0.000643 | mg/Kg | 0.167 | | 86.8 | 30-130 | | | |
| Anthracene | 0.147 | 0.000334 | " | 0.167 | | 88 | 30-130 | | | |
| 1-Methylnaphthalene | 0.133 | 0.000364 | " | 0.167 | | 79.6 | 30-130 | | | |
| 2-Methylnaphthalene | 0.134 | 0.000645 | " | 0.167 | | 80.2 | 30-130 | | | |
| Acenaphthene | 0.125 | 0.000304 | " | 0.167 | | 74.8 | 30-130 | | | |
| Benzo(a)pyrene | 0.135 | 0.000468 | " | 0.167 | | 80.8 | 30-130 | | | |
| Fluorene | 0.142 | 0.000286 | " | 0.167 | | 85 | 30-130 | | | |
| Chrysene | 0.132 | 0.000624 | " | 0.167 | | 79 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.134 | 0.000627 | " | 0.167 | | 80.2 | 30-130 | | | |
| Fluoranthene | 0.145 | 0.000394 | " | 0.167 | | 86.8 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.147 | 0.000614 | " | 0.167 | | 88 | 30-130 | | | |
| Benzo(a)anthracene | 0.141 | 0.000493 | " | 0.167 | | 84.4 | 30-130 | | | |
| Naphthalene | 0.13 | 0.000484 | " | 0.167 | | 77.8 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.107 | 0.000437 | " | 0.167 | | 64 | 30-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

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

Batch L607268 - 3550B

LCS (LCS-L607268)

Prepared: 03/28/2022 Analyzed: 03/29/2022

| | | | | | | | | | | |
|-----------------------------|-------|----------|-------|-------|--|------|--------|--|--|--|
| Benzo(b)fluoranthene | 0.133 | 0.000585 | mg/Kg | 0.167 | | 79.6 | 30-130 | | | |
| Surrogate: Nitrobenzene-d5 | 58.5 | | " | 0.333 | | 58.5 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 78.9 | | " | 0.333 | | 78.9 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 84.6 | | " | 0.333 | | 84.6 | 33-122 | | | |

LRB (LRB-L607268)

Prepared: 03/28/2022 Analyzed: 03/29/2022

| | | | | | | | | | | |
|-----------------------------|---------|---------|-------|-------|--|------|--------|--|--|---|
| Chrysene | 0.00191 | 0.00067 | mg/Kg | | | | - | | | * |
| Pyrene | ND | 0.00067 | " | | | | - | | | |
| Naphthalene | ND | 0.00067 | " | | | | - | | | |
| 2-Methylnaphthalene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)pyrene | ND | 0.00067 | " | | | | - | | | |
| Fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)anthracene | ND | 0.00067 | " | | | | - | | | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | | | | - | | | |
| 1-Methylnaphthalene | ND | 0.00067 | " | | | | - | | | |
| Acenaphthene | ND | 0.00067 | " | | | | - | | | |
| Fluorene | ND | 0.00067 | " | | | | - | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | | | | - | | | |
| Anthracene | ND | 0.00067 | " | | | | - | | | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Surrogate: Nitrobenzene-d5 | 54 | | " | 0.333 | | 54 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 64.8 | | " | 0.333 | | 64.8 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 68.7 | | " | 0.333 | | 68.7 | 33-122 | | | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Total Metals by 6020B - Quality Control
Waypoint Analytical, Inc.

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

Batch L606848 - 3050B

| MSD (L 94546-MSD-L606848) | | Source: 94546 | | | Prepared: 03/24/2022 Analyzed: 03/29/2022 | | | | | |
|----------------------------------|-------|----------------------|-------|-------|---|----|--------|-----|----|---|
| Nickel | 5.06 | 0.0633 | mg/Kg | 2.34 | 2.82 | 96 | 75-125 | 3.4 | 80 | |
| Zinc | 34.7 | 0.534 | " | 23.4 | 13.9 | 89 | 75-125 | 7.2 | 80 | |
| Selenium | 4.93 | 0.103 | " | 4.68 | 0.384 | 97 | 75-125 | 0.8 | 80 | |
| Lead | 5.49 | 0.031 | " | 2.34 | 3.86 | 70 | 75-125 | 6.8 | 80 | * |
| Copper | 5.04 | 0.0806 | " | 2.34 | 3.07 | 84 | 75-125 | 3.1 | 80 | |
| Cadmium | 0.486 | 0.0259 | " | 0.468 | 0.0625 | 90 | 75-125 | 0.4 | 80 | |
| Barium | 33.9 | 0.042 | " | 4.68 | 33.6 | 6 | 75-125 | 5.4 | 80 | * |
| Arsenic | 3.17 | 0.0855 | " | 2.34 | 0.995 | 93 | 75-125 | 2.1 | 80 | |
| Silver | 0.463 | 0.0067 | " | 0.468 | 0.0172 | 95 | 75-125 | 7.4 | 80 | |

| MS (L 94546-MS-L606848) | | Source: 94546 | | | Prepared: 03/24/2022 Analyzed: 03/29/2022 | | | | | |
|--------------------------------|-------|----------------------|-------|-------|---|----|--------|--|--|---|
| Barium | 35.8 | 0.042 | mg/Kg | 4.96 | 33.6 | 44 | 75-125 | | | * |
| Zinc | 37.3 | 0.534 | " | 24.8 | 13.9 | 94 | 75-125 | | | |
| Silver | 0.499 | 0.0067 | " | 0.496 | 0.0172 | 97 | 75-125 | | | |
| Selenium | 4.89 | 0.103 | " | 4.96 | 0.384 | 91 | 75-125 | | | |
| Nickel | 5.24 | 0.0633 | " | 2.48 | 2.82 | 98 | 75-125 | | | |
| Lead | 5.88 | 0.031 | " | 2.48 | 3.86 | 82 | 75-125 | | | |
| Cadmium | 0.484 | 0.0259 | " | 0.496 | 0.0625 | 85 | 75-125 | | | |
| Arsenic | 3.24 | 0.0855 | " | 2.48 | 0.995 | 91 | 75-125 | | | |
| Copper | 5.2 | 0.0806 | " | 2.48 | 3.07 | 86 | 75-125 | | | |

| LCS (LCS-L606848) | | Prepared: 03/24/2022 Analyzed: 03/29/2022 | | | | | | | | |
|--------------------------|-------|---|-------|-----|--|-----|--------|--|--|--|
| Barium | 4.82 | 0.042 | mg/Kg | 5 | | 96 | 80-120 | | | |
| Zinc | 23.5 | 0.534 | " | 25 | | 94 | 80-120 | | | |
| Arsenic | 2.54 | 0.0855 | " | 2.5 | | 102 | 80-120 | | | |
| Cadmium | 0.469 | 0.0259 | " | 0.5 | | 94 | 80-120 | | | |
| Lead | 2.37 | 0.031 | " | 2.5 | | 95 | 80-120 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Total Metals by 6020B - Quality Control
Waypoint Analytical, Inc.

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

Batch L606848 - 3050B

LCS (LCS-L606848)

Prepared: 03/24/2022 Analyzed: 03/29/2022

| | | | | | | | | | | |
|----------|-------|--------|-------|-----|--|-----|--------|--|--|--|
| Nickel | 2.51 | 0.0633 | mg/Kg | 2.5 | | 100 | 80-120 | | | |
| Selenium | 4.83 | 0.103 | " | 5 | | 97 | 80-120 | | | |
| Copper | 2.41 | 0.0806 | " | 2.5 | | 96 | 80-120 | | | |
| Silver | 0.495 | 0.0067 | " | 0.5 | | 99 | 80-120 | | | |

LRB (LRB-L606848)

Prepared: 03/24/2022 Analyzed: 03/29/2022

| | | | | | | | | | | |
|----------|----|------|-------|--|--|--|---|--|--|--|
| Arsenic | ND | 0.25 | mg/Kg | | | | - | | | |
| Selenium | ND | 0.25 | " | | | | - | | | |
| Barium | ND | 0.25 | " | | | | - | | | |
| Cadmium | ND | 0.25 | " | | | | - | | | |
| Copper | ND | 0.25 | " | | | | - | | | |
| Lead | ND | 0.25 | " | | | | - | | | |
| Nickel | ND | 0.25 | " | | | | - | | | |
| Zinc | ND | 2.5 | " | | | | - | | | |
| Silver | ND | 0.25 | " | | | | - | | | |

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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.

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 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

Total Metals by 7196A - Quality Control
Waypoint Analytical, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|-----------------|----------------------|-------------|---------------|--------------------------------|-------------|-----|-----------|-------|
| Batch L607686 - | | | | | | | | | | |
| DUP (L 94521-DUP) | | | Source: 94521 | | | Prepared: Analyzed: 03/29/2022 | | | | |
| Chromium, Hexavalent | ND | 0.25 | mg/Kg | | 94521 | | - | 0 | 20 | |
| MS (L 94521-MS) | | | Source: 94521 | | | Prepared: Analyzed: 03/29/2022 | | | | |
| Chromium, Hexavalent | 0.347 | 0.252 | mg/Kg | 8.27 | 94521 | 0 | 75-125 | | | * |
| LCS (LCS) | | | | | | Prepared: Analyzed: 03/29/2022 | | | | |
| Chromium, Hexavalent | 6.95 | 0.244 | mg/Kg | 8 | | 87 | 75-125 | | | |
| LRB (LRB) | | | | | | Prepared: Analyzed: 03/29/2022 | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | | | - | | | |

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

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.
- J Estimated Value. Analyte below reported quantitation limit.
- B Analyte detected in associated method blank.
- * QC Failure
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- All soil results are reported on 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.



December 12, 2022

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - PSC 15-11

Project Number - [none]

Attached are your analytical results for KMG - PSC 15-11 received by Origins Laboratory, Inc. December 01, 2022. This project is associated with Origins project number Y212019-01.

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

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| B08@10' | Y212019-01 | Soil | December 1, 2022 10:25 | 12/01/2022 16:52 |
| B09@10' | Y212019-02 | Soil | December 1, 2022 10:30 | 12/01/2022 16:52 |
| B10@10' | Y212019-03 | Soil | December 1, 2022 10:35 | 12/01/2022 16:52 |
| B11@10' | Y212019-04 | Soil | December 1, 2022 10:40 | 12/01/2022 16:52 |
| B12@10' | Y212019-05 | Soil | December 1, 2022 10:45 | 12/01/2022 16:52 |
| B13@10' | Y212019-06 | Soil | December 1, 2022 10:50 | 12/01/2022 16:52 |
| B14@10' | Y212019-07 | Soil | December 1, 2022 10:55 | 12/01/2022 16:52 |
| B15@10' | Y212019-08 | Soil | December 1, 2022 11:00 | 12/01/2022 16:52 |
| N05@6' | Y212019-09 | Soil | December 1, 2022 11:05 | 12/01/2022 16:52 |
| N06@6' | Y212019-10 | Soil | December 1, 2022 11:10 | 12/01/2022 16:52 |
| E09@6' | Y212019-11 | Soil | December 1, 2022 11:15 | 12/01/2022 16:52 |
| E10@6' | Y212019-12 | Soil | December 1, 2022 11:20 | 12/01/2022 16:52 |
| S02@6' | Y212019-13 | Soil | December 1, 2022 11:25 | 12/01/2022 16:52 |
| S03@6' | Y212019-14 | Soil | December 1, 2022 11:30 | 12/01/2022 16:52 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| S04@6' | Y212019-15 | Soil | December 1, 2022 11:35 | 12/01/2022 16:52 |
| W04@6' | Y212019-16 | Soil | December 1, 2022 11:40 | 12/01/2022 16:52 |
| W05@6' | Y212019-17 | Soil | December 1, 2022 11:45 | 12/01/2022 16:52 |
| W06@6' | Y212019-18 | Soil | December 1, 2022 11:50 | 12/01/2022 16:52 |
| W07@6' | Y212019-19 | Soil | December 1, 2022 11:55 | 12/01/2022 16:52 |
| BG06@4' | Y212019-20 | Soil | December 1, 2022 12:20 | 12/01/2022 16:52 |
| BG07@4' | Y212019-21 | Soil | December 1, 2022 12:40 | 12/01/2022 16:52 |
| BG08@4' | Y212019-22 | Soil | December 1, 2022 13:05 | 12/01/2022 16:52 |
| BG05@5' | Y212019-23 | Soil | December 1, 2022 13:15 | 12/01/2022 16:52 |
| BG05@8' | Y212019-24 | Soil | December 1, 2022 13:20 | 12/01/2022 16:52 |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

Sample Receipt Checklist

Origins Work Order: 4217019 Client: Tasman
 Checklist Completed by: TSH/DE Client Project ID: PSC 15-11
 Date/time completed: 12/01/22 Shipped Via: TD
 (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, 172 °C / _____ °C / _____ °C (Describe) _____ °C
 Thermometer ID: TD04

| 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)

12/01/2022
 Date/Time Reviewed

Origins Laboratory, Inc.

Jefe Pellegrini

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B08@10'

12/1/2022 10:25:00AM

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

**Origins Laboratory, Inc.
 Y212019-01 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 76.9 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.0255 | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | |
| 1,3,5-Trimethylbenzene | 0.0175 | 0.00200 | " | " | " | JSM | " | " | |
| Benzene | 0.00278 | 0.00200 | " | " | " | JSM | " | " | |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | 0.00812 | 0.00200 | " | " | " | JSM | " | " | |
| Gasoline Range Hydrocarbons | 9.55 | 0.200 | " | " | " | JSM | " | " | |

Surrogate: 1,2-Dichloroethane-d4 103 % 70-130 " " "
 Surrogate: Toluene-d8 104 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 105 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.0101 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00335 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B08@10'

12/1/2022 10:25:00AM

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

Waypoint Analytical, LLC.
Y212019-01 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00335 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | ND | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Fluorene | ND | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Naphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Pyrene | ND | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 54.7 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 64 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 50.8 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 1.84 | 0.0953 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.181 | 0.0953 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B09@10'

12/1/2022 10:30:00AM

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

Origins Laboratory, Inc.
Y212019-02 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 76.1 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.00712 | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | |
| 1,3,5-Trimethylbenzene | 0.0127 | 0.00200 | " | " | " | JSM | " | " | |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | 0.0163 | 0.00200 | " | " | " | JSM | " | " | |
| Gasoline Range Hydrocarbons | 6.14 | 0.200 | " | " | " | JSM | " | " | |

Surrogate: 1,2-Dichloroethane-d4 105 % 70-130 " " "
 Surrogate: Toluene-d8 102 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 89.3 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----------------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | 0.00276 | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | 0.00475 | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B09@10'

12/1/2022 10:30:00AM

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

Waypoint Analytical, LLC.
Y212019-02 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | 0.000712 | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.000695 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | 0.00106 | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.000754 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 56.6 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 61.8 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 53.5 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 1.55 | 0.0945 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0945 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B10@10'

12/1/2022 10:35:00AM

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

**Origins Laboratory, Inc.
 Y212019-03 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 75.2 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|-------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | 2.93 | 0.200 | " | " | " | JSM | " | " | |

Surrogate: 1,2-Dichloroethane-d4 105 % 70-130 " " "
 Surrogate: Toluene-d8 97.4 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 96.4 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.0101 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00335 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B10@10'

12/1/2022 10:35:00AM

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

Waypoint Analytical, LLC.
Y212019-03 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00335 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | 0.00447 | 0.00335 | " | " | " | | " | " | |
| Benzo(a)pyrene | 0.00397 | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | 0.0043 | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | 0.00655 | 0.00335 | " | " | " | | " | " | |
| Fluorene | ND | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Naphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Pyrene | 0.00734 | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 50.6 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 58.8 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 46.4 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 1.50 | 0.0856 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0856 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B11@10'

12/1/2022 10:40:00AM

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

**Origins Laboratory, Inc.
 Y212019-04 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 76.6 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 107 % 70-130 " " "
 Surrogate: Toluene-d8 98.2 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 93.5 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B11@10'

12/1/2022 10:40:00AM

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

Waypoint Analytical, LLC.
Y212019-04 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Acenaphthene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | 0.000757 | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | 0.000813 | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | 0.000964 | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.00101 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.000935 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 52.8 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 61 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 50.6 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 2.13 | 0.0879 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0879 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B12@10'

12/1/2022 10:45:00AM

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

**Origins Laboratory, Inc.
 Y212019-05 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 75.0 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|--------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | 0.652 | 0.200 | " | " | " | JSM | " | " | |

Surrogate: 1,2-Dichloroethane-d4 104 % 70-130 " " "
 Surrogate: Toluene-d8 101 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 91.3 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B12@10'

12/1/2022 10:45:00AM

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

Waypoint Analytical, LLC.
Y212019-05 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | 0.000673 | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 48 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 59.5 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 48 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 0.898 | 0.0907 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0907 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B13@10'

12/1/2022 10:50:00AM

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

**Origins Laboratory, Inc.
 Y212019-06 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 73.7 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|-------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | 1.20 | 0.200 | " | " | " | JSM | " | " | |

Surrogate: 1,2-Dichloroethane-d4 115 % 70-130 " " "
 Surrogate: Toluene-d8 99.4 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 91.8 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----------------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | 0.00241 | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B13@10'

12/1/2022 10:50:00AM

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

Waypoint Analytical, LLC.
Y212019-06 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | 0.00476 | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | 0.00348 | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | 0.00322 | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | 0.00152 | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.00537 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | 0.00665 | 0.00067 | " | " | " | | " | " | |
| Fluorene | 0.000824 | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | 0.00133 | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.00794 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 55.9 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 59.3 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 52.3 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.74 | 0.0961 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.227 | 0.0961 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B14@10'

12/1/2022 10:55:00AM

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

**Origins Laboratory, Inc.
 Y212019-07 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: o-Terphenyl 73.0 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | JSM | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 103 % 70-130 " " "
 Surrogate: Toluene-d8 102 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 98.0 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----------------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | 0.00258 | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | 0.00401 | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B14@10'

12/1/2022 10:55:00AM

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

Waypoint Analytical, LLC.
Y212019-07 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | 0.000673 | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.00118 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | 0.000825 | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.000967 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--|--------|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 47.4 % | | 33-115 | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 53.5 % | | 33-122 | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 47.4 % | | 29-110 | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.44 | 0.0947 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.107 | 0.0947 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B15@10'

12/1/2022 11:00:00AM

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

**Origins Laboratory, Inc.
 Y212019-08 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 67.8 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|--------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | JSM | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | JSM | " | " | U |
| Gasoline Range Hydrocarbons | 0.891 | 0.200 | " | " | " | JSM | " | " | |

Surrogate: 1,2-Dichloroethane-d4 103 % 70-130 " " "
 Surrogate: Toluene-d8 97.1 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 96.9 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

B15@10'

12/1/2022 11:00:00AM

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

Waypoint Analytical, LLC.
Y212019-08 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 55.7 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 63.9 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 54.2 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 2.11 | 0.0997 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0997 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

N05@6

12/1/2022 11:05:00AM

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

Origins Laboratory, Inc.
 Y212019-09 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|------|------|-------|---|---------|-----|------------|------------|--|
| Diesel (C10-C28) | 1810 | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | |
| Residual Range Organics (C28-C40) | 367 | 100 | " | " | " | ADM | " | " | |

Surrogate: *o*-Terphenyl 66.3 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|--------|---------|-------|-----|---------|-----|------------|------------|--|
| 1,2,4-Trimethylbenzene | 10.9 | 0.500 | mg/kg | 250 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | |
| 1,3,5-Trimethylbenzene | 8.21 | 0.500 | " | " | " | ZZZ | " | " | |
| Benzene | 0.0109 | 0.00200 | " | 1 | " | ZZZ | " | 12/02/2022 | |
| Ethylbenzene | 0.170 | 0.0500 | " | 25 | " | HKS | " | 12/02/2022 | |
| Toluene | 0.700 | 0.500 | " | 250 | " | ZZZ | " | 12/02/2022 | |
| Xylenes, total | 22.3 | 0.500 | " | " | " | ZZZ | " | " | |
| Gasoline Range Hydrocarbons | 2010 | 50.0 | " | " | " | ZZZ | " | " | |

Surrogate: 1,2-Dichloroethane-d4 95.7 % 70-130 " " "
 Surrogate: Toluene-d8 88.0 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 91.9 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|---------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | 0.193 | 0.0101 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | 0.365 | 0.0101 | " | " | " | | " | " | |
| Acenaphthene | 0.0382 | 0.00335 | " | " | " | | " | " | |
| Anthracene | 0.00346 | 0.00335 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

N05@6

12/1/2022 11:05:00AM

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

Waypoint Analytical, LLC.
Y212019-09 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|---------|---------|-------|---|---------|--|------------|------------|--|
| Benzo(a)anthracene | 0.00798 | 0.00335 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | 0.0311 | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | 0.00453 | 0.00335 | " | " | " | | " | " | |
| Fluorene | 0.0482 | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Naphthalene | 0.117 | 0.0101 | " | " | " | | " | " | |
| Pyrene | 0.0149 | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 59.6 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 62.9 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 48 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 1.36 | 0.0959 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.109 | 0.0959 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

N06@6'

12/1/2022 11:10:00AM

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

Origins Laboratory, Inc.
Y212019-10 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 74.6 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | 0.00316 | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | |
| 1,3,5-Trimethylbenzene | 0.00256 | 0.00200 | " | " | " | ZZZ | " | " | |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | 1.73 | 0.200 | " | " | " | ZZZ | " | " | |

Surrogate: 1,2-Dichloroethane-d4 103 % 70-130 " " "
 Surrogate: Toluene-d8 88.6 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 92.3 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|---------------|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.0101 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | 0.0146 | 0.0101 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00335 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

N06@6'

12/1/2022 11:10:00AM

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

Waypoint Analytical, LLC.
Y212019-10 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00335 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | ND | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Fluorene | ND | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Naphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Pyrene | ND | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 54.1 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 61.1 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 51.1 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.55 | 0.0945 | mg/kg | 10 | B2L0134 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.196 | 0.0945 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

E09@6'

12/1/2022 11:15:00AM

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

**Origins Laboratory, Inc.
 Y212019-11 (Soil)**

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 81.9 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 102 % 70-130 " " "
 Surrogate: Toluene-d8 89.3 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 89.2 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

E09@6'

12/1/2022 11:15:00AM

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

Waypoint Analytical, LLC.
Y212019-11 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Acenaphthene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 49.5 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 59.5 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 49.5 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 1.28 | 0.0883 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0883 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

E10@6'

12/1/2022 11:20:00AM

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

Origins Laboratory, Inc.
 Y212019-12 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: o-Terphenyl 76.6 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | 12/02/2022 | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 94.0 % 70-130 " " "
 Surrogate: Toluene-d8 87.0 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 86.5 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

E10@6'

12/1/2022 11:20:00AM

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

Waypoint Analytical, LLC.
Y212019-12 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Acenaphthene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.000939 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.000853 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 47.1 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 50.5 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 45.8 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.52 | 0.0876 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.124 | 0.0876 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

S02@6'

12/1/2022 11:25:00AM

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

Origins Laboratory, Inc.
Y212019-13 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 70.5 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|-------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | 2.90 | 0.200 | " | " | " | ZZZ | " | " | |

Surrogate: 1,2-Dichloroethane-d4 96.1 % 70-130 " " "

Surrogate: Toluene-d8 86.5 % 70-130 " " "

Surrogate: 4-Bromofluorobenzene 86.9 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

S02@6'

12/1/2022 11:25:00AM

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

Waypoint Analytical, LLC.
Y212019-13 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | 0.000756 | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.00148 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.00111 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 51.4 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 57.8 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 50.2 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 1.79 | 0.0910 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.104 | 0.0910 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

S03@6'

12/1/2022 11:30:00AM

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

Origins Laboratory, Inc.
Y212019-14 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 78.1 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 95.7 % 70-130 " " "
 Surrogate: Toluene-d8 86.5 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 86.8 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

S03@6'

12/1/2022 11:30:00AM

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

Waypoint Analytical, LLC.
Y212019-14 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Acenaphthene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 48.5 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 55.5 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 47.3 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 1.68 | 0.0906 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.131 | 0.0906 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

S04@6'

12/1/2022 11:35:00AM

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

Origins Laboratory, Inc.
Y212019-15 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: o-Terphenyl 77.8 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | ZZZ | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 94.0 % 70-130 " " "
 Surrogate: Toluene-d8 87.4 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 86.1 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

S04@6'

12/1/2022 11:35:00AM

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

Waypoint Analytical, LLC.
Y212019-15 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Acenaphthene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 50.5 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 59.5 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 51.4 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 0.955 | 0.0943 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0943 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W04@6'

12/1/2022 11:40:00AM

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

Origins Laboratory, Inc.
 Y212019-16 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: o-Terphenyl 72.1 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|-------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | 1.60 | 0.200 | " | " | " | ZZZ | " | " | |

Surrogate: 1,2-Dichloroethane-d4 96.0 % 70-130 " " "
 Surrogate: Toluene-d8 86.4 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 86.9 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.0101 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00335 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W04@6'

12/1/2022 11:40:00AM

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

Waypoint Analytical, LLC.
Y212019-16 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00335 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | 0.00343 | 0.00335 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | ND | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | 0.00468 | 0.00335 | " | " | " | | " | " | |
| Fluorene | ND | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Naphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Pyrene | 0.00468 | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 47.1 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 61.5 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 46.5 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.25 | 0.0880 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.176 | 0.0880 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W05@6'

12/1/2022 11:45:00AM

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

Origins Laboratory, Inc.
 Y212019-17 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 71.5 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|--------------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | ZZZ | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | ZZZ | " | " | U |
| Gasoline Range Hydrocarbons | 0.230 | 0.200 | " | " | " | ZZZ | " | " | |

Surrogate: 1,2-Dichloroethane-d4 96.1 % 70-130 " " "

Surrogate: Toluene-d8 87.2 % 70-130 " " "

Surrogate: 4-Bromofluorobenzene 86.8 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W05@6'

12/1/2022 11:45:00AM

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

Waypoint Analytical, LLC.
Y212019-17 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|-----------------|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | 0.000789 | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | 0.000698 | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | 0.00109 | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | 0.00129 | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | 0.000921 | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 36.8 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 39.3 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 36.5 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.16 | 0.0973 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.187 | 0.0973 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W06@6'

12/1/2022 11:50:00AM

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

Origins Laboratory, Inc.
Y212019-18 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |

Surrogate: *o*-Terphenyl 72.8 % 50-150 " " "

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | HKS | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | 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 119 % 70-130 " " "
 Surrogate: Toluene-d8 94.0 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 102 % 70-130 " " "

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|--------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.0101 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.0101 | " | " | " | | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W06@6'

12/1/2022 11:50:00AM

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

Waypoint Analytical, LLC.
Y212019-18 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Acenaphthene | ND | 0.00335 | mg/Kg | 5 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(a)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Chrysene | ND | 0.00335 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00335 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00335 | " | " | " | | " | " | |
| Fluorene | ND | 0.00335 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00335 | " | " | " | | " | " | |
| Naphthalene | ND | 0.0101 | " | " | " | | " | " | |
| Pyrene | ND | 0.00335 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 46.3 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 53.4 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 45.1 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 2.54 | 0.0845 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | 0.191 | 0.0845 | " | " | " | CIH | " | " | |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W07@6'

12/1/2022 11:55:00AM

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

Origins Laboratory, Inc.
 Y212019-19 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|--------|--------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | 82.8 | 25.0 | mg/kg | 1 | B2L0131 | ADM | 12/01/2022 | 12/02/2022 | |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | ADM | " | " | U |
| Surrogate: o-Terphenyl | 76.4 % | 50-150 | | | " | " | " | " | |

GBTEX+TMBs by 8260D

| | | | | | | | | | |
|----------------------------------|--------|---------|-------|---|---------|-----|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B2L0119 | HKS | 12/01/2022 | 12/02/2022 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | HKS | " | " | U |
| Gasoline Range Hydrocarbons | 13.2 | 0.200 | " | " | " | HKS | " | " | |
| Surrogate: 1,2-Dichloroethane-d4 | 119 % | 70-130 | | | " | " | " | " | |
| Surrogate: Toluene-d8 | 93.5 % | 70-130 | | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | 70-130 | | | " | " | " | " | |

PAH by 8270D SIM

| | | | | | | | | | |
|---------------------|----|---------|-------|---|---------|--|------------|------------|--|
| 1-Methylnaphthalene | ND | 0.00201 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| 2-Methylnaphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Acenaphthene | ND | 0.00067 | " | " | " | | " | " | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

W07@6'

12/1/2022 11:55:00AM

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

Waypoint Analytical, LLC.
Y212019-19 (Soil)

PAH by 8270D SIM

| | | | | | | | | | |
|------------------------|----|---------|-------|---|---------|--|------------|------------|--|
| Anthracene | ND | 0.00067 | mg/Kg | 1 | L651908 | | 12/05/2022 | 12/06/2022 | |
| Benzo(a)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(a)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Chrysene | ND | 0.00067 | " | " | " | | " | " | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | " | " | | " | " | |
| Fluoranthene | ND | 0.00067 | " | " | " | | " | " | |
| Fluorene | ND | 0.00067 | " | " | " | | " | " | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | " | " | | " | " | |
| Naphthalene | ND | 0.00201 | " | " | " | | " | " | |
| Pyrene | ND | 0.00067 | " | " | " | | " | " | |

| | | | | | | | | | |
|-----------------------------|--------|--------|--|--|---|--|---|---|--|
| Surrogate: 2-Fluorobiphenyl | 50.5 % | 33-115 | | | " | | " | " | |
| Surrogate: 4-Terphenyl-d14 | 53.8 % | 33-122 | | | " | | " | " | |
| Surrogate: Nitrobenzene-d5 | 47.1 % | 29-110 | | | " | | " | " | |

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 0.725 | 0.0962 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0962 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG06@4'
12/1/2022 12:20:00PM

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

Origins Laboratory, Inc.
Y212019-20 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 0.953 | 0.0850 | mg/kg | 10 | B2L0135 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0850 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG07@4'
12/1/2022 12:40:00PM

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

Origins Laboratory, Inc.
Y212019-21 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 1.50 | 0.0968 | mg/kg | 10 | B2L0136 | CIH | 12/01/2022 | 12/01/2022 | |
| Selenium | ND | 0.0968 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG08@4'
12/1/2022 1:05:00PM

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

Origins Laboratory, Inc.
Y212019-22 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|--------------|--------|-------|----|---------|-----|------------|------------|--|
| Arsenic | 4.03 | 0.0965 | mg/kg | 10 | B2L0136 | CIH | 12/01/2022 | 12/02/2022 | |
| Selenium | 0.107 | 0.0965 | " | " | " | CIH | " | " | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG05@5'
12/1/2022 1:15:00PM

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

Origins Laboratory, Inc.
Y212019-23 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|-------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 0.396 | 0.0895 | mg/kg | 10 | B2L0136 | CIH | 12/01/2022 | 12/02/2022 | |
| Selenium | ND | 0.0895 | " | " | " | CIH | " | " | U |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

BG05@8'
12/1/2022 1:20:00PM

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

Origins Laboratory, Inc.
Y212019-24 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|----------|------|--------|-------|----|---------|-----|------------|------------|---|
| Arsenic | 1.67 | 0.0879 | mg/kg | 10 | B2L0136 | CIH | 12/01/2022 | 12/02/2022 | |
| Selenium | ND | 0.0879 | " | " | " | CIH | " | " | U |

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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0119 - EPA 5030 (soil)

Blank (B2L0119-BLK1)

Prepared: 12/01/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|------|--|--------|--|--|---|
| 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 | 0.12 | | " | 0.125 | 99.7 | | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | 97.4 | | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 98.8 | | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0119 - EPA 5030 (soil)

LCS (B2L0119-BS1)

Prepared: 12/01/2022 Analyzed: 12/02/2022

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.116 | 0.00200 | mg/kg | 0.100 | | 116 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.116 | 0.00200 | " | 0.100 | | 116 | 70-130 | | | |
| Benzene | 0.106 | 0.00200 | " | 0.100 | | 106 | 70-130 | | | |
| Ethylbenzene | 0.114 | 0.00200 | " | 0.100 | | 114 | 70-130 | | | |
| Naphthalene | 0.0949 | 0.00380 | " | 0.100 | | 94.9 | 70-130 | | | |
| Toluene | 0.105 | 0.00200 | " | 0.100 | | 105 | 70-130 | | | |
| o-Xylene | 0.112 | 0.00200 | " | 0.100 | | 112 | 70-130 | | | |
| m,p-Xylene | 0.223 | 0.00400 | " | 0.200 | | 111 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 96.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 99.6 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0119 - EPA 5030 (soil)

| Matrix Spike (B2L0119-MS1) | Source: Y212019-01 | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | | |
|-----------------------------------|---------------------------|---------|-------|--|---------|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.228 | 0.00200 | mg/kg | 0.200 | 0.0255 | 101 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.219 | 0.00200 | " | 0.200 | 0.0175 | 101 | 70-130 | | | |
| Benzene | 0.197 | 0.00200 | " | 0.200 | 0.00278 | 97.1 | 70-130 | | | |
| Ethylbenzene | 0.201 | 0.00200 | " | 0.200 | 0.00106 | 99.8 | 70-130 | | | |
| Naphthalene | 0.174 | 0.00380 | " | 0.200 | 0.00218 | 85.9 | 70-130 | | | |
| Toluene | 0.195 | 0.00200 | " | 0.200 | ND | 97.6 | 70-130 | | | |
| o-Xylene | 0.204 | 0.00200 | " | 0.200 | 0.00214 | 101 | 70-130 | | | |
| m,p-Xylene | 0.397 | 0.00400 | " | 0.400 | 0.00598 | 97.8 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 107 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.11 | | " | 0.125 | | 91.7 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0119 - EPA 5030 (soil)

| Matrix Spike Dup (B2L0119-MSD1) | Source: Y212019-01 | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | | |
|----------------------------------|--------------------|---------|-------|---|---------|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene | 0.221 | 0.00200 | mg/kg | 0.200 | 0.0255 | 97.8 | 70-130 | 3.17 | 20 | |
| 1,3,5-Trimethylbenzene | 0.210 | 0.00200 | " | 0.200 | 0.0175 | 96.0 | 70-130 | 4.50 | 20 | |
| Benzene | 0.196 | 0.00200 | " | 0.200 | 0.00278 | 96.7 | 70-130 | 0.387 | 20 | |
| Ethylbenzene | 0.198 | 0.00200 | " | 0.200 | 0.00106 | 98.7 | 70-130 | 1.11 | 20 | |
| Naphthalene | 0.179 | 0.00380 | " | 0.200 | 0.00218 | 88.6 | 70-130 | 3.13 | 20 | |
| Toluene | 0.195 | 0.00200 | " | 0.200 | ND | 97.3 | 70-130 | 0.257 | 20 | |
| o-Xylene | 0.203 | 0.00200 | " | 0.200 | 0.00214 | 100 | 70-130 | 0.384 | 20 | |
| m,p-Xylene | 0.396 | 0.00400 | " | 0.400 | 0.00598 | 97.6 | 70-130 | 0.287 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.0 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 96.3 | 70-130 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0131 - EPA 3580 | | | | | | | | | | |
| Blank (B2L0131-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 20 | | " | 24.9 | | 82.0 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0131 - EPA 3580 | | | | | | | | | | |
| LCS (B2L0131-BS1) | | | | | | | | | | |
| | | | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | |
| Diesel (C10-C28) | 960 | 50.0 | mg/kg | 1000 | | 96.0 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 972 | 200 | " | 1000 | | 97.2 | 70-130 | | | |
| Surrogate: o-Terphenyl | 41 | | " | 49.8 | | 82.4 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0131 - EPA 3580

| Matrix Spike (B2L0131-MS1) | Source: Y212019-01 | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 | | | | | | |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28) | 951 | 50.0 | mg/kg | 1000 | ND | 95.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 941 | 200 | " | 1000 | ND | 94.1 | 70-130 | | | |
| Surrogate: o-Terphenyl | 38 | | " | 49.8 | | 75.6 | 50-150 | | | |

Origins Laboratory, Inc.



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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 B2L0131 - EPA 3580 | | | | | | | | | | |
| Matrix Spike Dup (B2L0131-MSD1) | | | | | Source: Y212019-01 | | | | | Prepared: 12/01/2022 Analyzed: 12/02/2022 |
| Diesel (C10-C28) | 930 | 50.0 | mg/kg | 1000 | ND | 93.0 | 70-130 | 2.29 | 35 | |
| Residual Range Organics (C28-C40) | 944 | 200 | " | 1000 | ND | 94.4 | 70-130 | 0.370 | 35 | |
| Surrogate: o-Terphenyl | 38 | | " | 49.8 | | 75.9 | 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.

Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

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

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

Batch B2L0134 - EPA 3050B

Blank (B2L0134-BLK1)

Prepared: 12/01/2022 Analyzed: 12/01/2022

| | | | | | | | | | | |
|----------|----|----------|-------|--|--|--|--|--|--|---|
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | U |
| Selenium | ND | 0.000100 | " | | | | | | | U |

LCS (B2L0134-BS1)

Prepared: 12/01/2022 Analyzed: 12/01/2022

| | | | | | | | | | | |
|----------|--------|----------|-------|--------|--|------|--------|--|--|--|
| Arsenic | 0.0513 | 0.000100 | mg/kg | 0.0500 | | 103 | 80-120 | | | |
| Selenium | 0.0486 | 0.000100 | " | 0.0500 | | 97.1 | 80-120 | | | |

Matrix Spike (B2L0134-MS1)

Source: Y212019-01

Prepared: 12/01/2022 Analyzed: 12/01/2022

| | | | | | | | | | | |
|----------|------|--------|-------|------|-------|------|--------|--|--|--|
| Arsenic | 5.58 | 0.0938 | mg/kg | 4.69 | 1.84 | 79.7 | 75-125 | | | |
| Selenium | 4.58 | 0.0938 | " | 4.69 | 0.181 | 93.7 | 75-125 | | | |

Matrix Spike Dup (B2L0134-MSD1)

Source: Y212019-01

Prepared: 12/01/2022 Analyzed: 12/01/2022

| | | | | | | | | | | |
|----------|------|--------|-------|------|-------|------|--------|------|----|--|
| Arsenic | 5.41 | 0.0874 | mg/kg | 4.37 | 1.84 | 81.5 | 75-125 | 3.14 | 20 | |
| Selenium | 4.04 | 0.0874 | " | 4.37 | 0.181 | 88.3 | 75-125 | 12.4 | 20 | |

Batch B2L0135 - EPA 3050B

Blank (B2L0135-BLK1)

Prepared: 12/01/2022 Analyzed: 12/01/2022

| | | | | | | | | | | |
|----------|----|----------|-------|--|--|--|--|--|--|---|
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | U |
| Selenium | ND | 0.000100 | " | | | | | | | U |

LCS (B2L0135-BS1)

Prepared: 12/01/2022 Analyzed: 12/01/2022

| | | | | | | | | | | |
|---------|--------|----------|-------|--------|--|-----|--------|--|--|--|
| Arsenic | 0.0514 | 0.000100 | mg/kg | 0.0500 | | 103 | 80-120 | | | |
|---------|--------|----------|-------|--------|--|-----|--------|--|--|--|

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|-------|-------------|---|------|-------------|------|-----------|-------|
| Batch B2L0135 - EPA 3050B | | | | | | | | | | |
| LCS (B2L0135-BS1) | | | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | |
| Selenium | 0.0491 | 0.000100 | mg/kg | 0.0500 | | 98.2 | 80-120 | | | |
| Matrix Spike (B2L0135-MS1) | | Source: Y212019-11 | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | |
| Arsenic | 5.76 | 0.0845 | mg/kg | 4.23 | 1.28 | 106 | 75-125 | | | |
| Selenium | 4.05 | 0.0845 | " | 4.23 | 0.0494 | 94.7 | 75-125 | | | |
| Matrix Spike Dup (B2L0135-MSD1) | | Source: Y212019-11 | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | |
| Arsenic | 5.90 | 0.0983 | mg/kg | 4.91 | 1.28 | 94.0 | 75-125 | 2.47 | 20 | |
| Selenium | 4.74 | 0.0983 | " | 4.91 | 0.0494 | 95.5 | 75-125 | 15.7 | 20 | |
| Batch B2L0136 - EPA 3050B | | | | | | | | | | |
| Blank (B2L0136-BLK1) | | | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | |
| Arsenic | ND | 0.000100 | mg/kg | | | | | | | U |
| Barium | ND | 0.0100 | " | | | | | | | U |
| Lead | ND | 0.0100 | " | | | | | | | U |
| LCS (B2L0136-BS1) | | | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | |
| Arsenic | 0.0511 | 0.000100 | mg/kg | 0.0500 | | 102 | 80-120 | | | |
| Barium | 5.24 | 0.0100 | " | 5.00 | | 105 | 80-120 | | | |
| Lead | 0.0513 | 0.0100 | " | 0.0500 | | 103 | 80-120 | | | |
| Matrix Spike (B2L0136-MS1) | | Source: Y212019-21 | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | |
| Arsenic | 6.58 | 0.0974 | mg/kg | 4.87 | 1.50 | 104 | 75-125 | | | |
| Barium | 591 | 9.74 | " | 487 | 69.1 | 107 | 75-125 | | | |
| Lead | 14.5 | 9.74 | " | 4.87 | 5.34 | 187 | 75-125 | | | QM-07 |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

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

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

Batch B2L0136 - EPA 3050B

| Matrix Spike Dup (B2L0136-MSD1) | Source: Y212019-21 | | | Prepared: 12/01/2022 Analyzed: 12/01/2022 | | | | | | |
|---------------------------------|--------------------|--------|-------|---|------|------|--------|------|----|-------|
| Arsenic | 5.82 | 0.0905 | mg/kg | 4.52 | 1.50 | 95.5 | 75-125 | 12.3 | 20 | |
| Barium | 538 | 9.05 | " | 452 | 69.1 | 104 | 75-125 | 9.31 | 20 | |
| Lead | 12.1 | 9.05 | " | 4.52 | 5.34 | 150 | 75-125 | 17.6 | 20 | QM-07 |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L651908 - 3550B

| MSD (L 97218-MSD-L651908) | Source: Y212019-02 | | | Prepared: 12/05/2022 Analyzed: 12/06/2022 | | | | | | |
|----------------------------------|---------------------------|---------|-------|--|-----------|------|--------|------|----|--|
| Benzo(a)anthracene | 0.0848 | 0.00067 | mg/Kg | 0.163 | 0.000712 | 51.5 | 30-130 | 11.1 | 30 | |
| 1-Methylnaphthalene | 0.0896 | 0.00201 | " | 0.163 | 0.00276 | 53.2 | 30-130 | 6.5 | 30 | |
| 2-Methylnaphthalene | 0.0883 | 0.00201 | " | 0.163 | 0.00475 | 51.2 | 30-130 | 6.1 | 30 | |
| Acenaphthene | 0.086 | 0.00067 | " | 0.163 | 0.000476 | 52.4 | 30-130 | 9.7 | 30 | |
| Anthracene | 0.0867 | 0.00067 | " | 0.163 | <0.000334 | 53.1 | 30-130 | 4 | 30 | |
| Pyrene | 0.0839 | 0.00067 | " | 0.163 | 0.000754 | 51 | 30-130 | 8.1 | 30 | |
| Benzo(a)pyrene | 0.0803 | 0.00067 | " | 0.163 | <0.000468 | 49.2 | 30-130 | 10.1 | 30 | |
| Benzo(b)fluoranthene | 0.0864 | 0.00067 | " | 0.163 | <0.000585 | 53 | 30-130 | 7.6 | 30 | |
| Benzo(k)fluoranthene | 0.0912 | 0.00067 | " | 0.163 | <0.000437 | 55.9 | 30-130 | 10.1 | 30 | |
| Chrysene | 0.0855 | 0.00067 | " | 0.163 | 0.000695 | 52 | 30-130 | 5.4 | 30 | |
| Dibenz(a,h)anthracene | 0.0969 | 0.00067 | " | 0.163 | <0.000614 | 59.4 | 30-130 | 17 | 30 | |
| Fluoranthene | 0.0866 | 0.00067 | " | 0.163 | 0.000493 | 52.8 | 30-130 | 5.2 | 30 | |
| Fluorene | 0.0861 | 0.00067 | " | 0.163 | 0.00106 | 52.1 | 30-130 | 9.8 | 30 | |
| Indeno(1,2,3-cd)pyrene | 0.0875 | 0.00067 | " | 0.163 | <0.000627 | 53.6 | 30-130 | 14.3 | 30 | |
| Naphthalene | 0.0859 | 0.00201 | " | 0.163 | 0.00162 | 51.7 | 30-130 | 6 | 30 | |
| Surrogate: 4-Terphenyl-d14 | 62.5 | | " | 0.326 | 201 | 62.5 | 33-122 | | | |
| Surrogate: 2-Fluorobiphenyl | 52.1 | | " | 0.326 | 184 | 52.1 | 33-115 | | | |
| Surrogate: Nitrobenzene-d5 | 50 | | " | 0.326 | 174 | 50 | 29-110 | | | |

| MS (L 97218-MS-L651908) | Source: Y212019-02 | | | Prepared: 12/05/2022 Analyzed: 12/06/2022 | | | | | | |
|--------------------------------|---------------------------|---------|-------|--|-----------|------|--------|--|--|--|
| Benzo(b)fluoranthene | 0.0933 | 0.00067 | mg/Kg | 0.167 | <0.000585 | 55.8 | 30-130 | | | |
| Benzo(a)pyrene | 0.0889 | 0.00067 | " | 0.167 | <0.000468 | 53.2 | 30-130 | | | |
| 1-Methylnaphthalene | 0.0957 | 0.00201 | " | 0.167 | 0.00276 | 55.6 | 30-130 | | | |
| 2-Methylnaphthalene | 0.0939 | 0.00201 | " | 0.167 | 0.00475 | 53.3 | 30-130 | | | |
| Acenaphthene | 0.0948 | 0.00067 | " | 0.167 | 0.000476 | 56.4 | 30-130 | | | |
| Anthracene | 0.0903 | 0.00067 | " | 0.167 | <0.000334 | 54 | 30-130 | | | |
| Chrysene | 0.0903 | 0.00067 | " | 0.167 | 0.000695 | 53.6 | 30-130 | | | |

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Tasman Geosciences
 6855 West 119th Avenue
 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L651908 - 3550B

| MS (L 97218-MS-L651908) | Source: Y212019-02 | | | Prepared: 12/05/2022 Analyzed: 12/06/2022 | | | | | | |
|--------------------------------|---------------------------|---------|-------|--|-----------|------|--------|--|--|--|
| Benzo(a)anthracene | 0.0948 | 0.00067 | mg/Kg | 0.167 | 0.000712 | 56.3 | 30-130 | | | |
| Pyrene | 0.091 | 0.00067 | " | 0.167 | 0.000754 | 54 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.101 | 0.00067 | " | 0.167 | <0.000437 | 60.4 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.115 | 0.00067 | " | 0.167 | <0.000614 | 68.8 | 30-130 | | | |
| Fluoranthene | 0.0913 | 0.00067 | " | 0.167 | 0.000493 | 54.3 | 30-130 | | | |
| Fluorene | 0.095 | 0.00067 | " | 0.167 | 0.00106 | 56.2 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.101 | 0.00067 | " | 0.167 | <0.000627 | 60.4 | 30-130 | | | |
| Naphthalene | 0.0913 | 0.00201 | " | 0.167 | 0.00162 | 53.7 | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | 55.8 | | " | 0.333 | 184 | 55.8 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 65.1 | | " | 0.333 | 201 | 65.1 | 33-122 | | | |
| Surrogate: Nitrobenzene-d5 | 53.7 | | " | 0.333 | 174 | 53.7 | 29-110 | | | |

| LCS (LCS-L651908) | Prepared: 12/05/2022 Analyzed: 12/06/2022 | | | | | | | | | |
|--------------------------|--|---------|-------|-------|--|------|--------|--|--|--|
| Benzo(a)pyrene | 0.0882 | 0.00067 | mg/Kg | 0.167 | | 52.8 | 30-130 | | | |
| 1-Methylnaphthalene | 0.0887 | 0.00201 | " | 0.167 | | 53.1 | 30-130 | | | |
| 2-Methylnaphthalene | 0.0827 | 0.00201 | " | 0.167 | | 49.5 | 30-130 | | | |
| Acenaphthene | 0.0839 | 0.00067 | " | 0.167 | | 50.2 | 30-130 | | | |
| Anthracene | 0.0859 | 0.00067 | " | 0.167 | | 51.4 | 30-130 | | | |
| Benzo(a)anthracene | 0.0869 | 0.00067 | " | 0.167 | | 52 | 30-130 | | | |
| Benzo(b)fluoranthene | 0.0928 | 0.00067 | " | 0.167 | | 55.5 | 30-130 | | | |
| Chrysene | 0.088 | 0.00067 | " | 0.167 | | 52.6 | 30-130 | | | |
| Dibenz(a,h)anthracene | 0.114 | 0.00067 | " | 0.167 | | 68.2 | 30-130 | | | |
| Fluoranthene | 0.0861 | 0.00067 | " | 0.167 | | 51.5 | 30-130 | | | |
| Fluorene | 0.0826 | 0.00067 | " | 0.167 | | 49.4 | 30-130 | | | |
| Benzo(k)fluoranthene | 0.0951 | 0.00067 | " | 0.167 | | 56.9 | 30-130 | | | |
| Naphthalene | 0.0865 | 0.00201 | " | 0.167 | | 51.7 | 30-130 | | | |
| Indeno(1,2,3-cd)pyrene | 0.103 | 0.00067 | " | 0.167 | | 61.6 | 30-130 | | | |

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 Broomfield CO 80020

Andy Sagen
 Project Number: [none]
 Project: KMG - PSC 15-11

PAH by 8270D SIM - Quality Control
Waypoint Analytical, LLC.

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

Batch L651908 - 3550B

LCS (LCS-L651908)

Prepared: 12/05/2022 Analyzed: 12/06/2022

| | | | | | | | | | | |
|-----------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| Pyrene | 0.0852 | 0.00067 | mg/Kg | 0.167 | | 51 | 30-130 | | | |
| Surrogate: Nitrobenzene-d5 | 50.7 | | " | 0.333 | | 50.7 | 29-110 | | | |
| Surrogate: 2-Fluorobiphenyl | 53.1 | | " | 0.333 | | 53.1 | 33-115 | | | |
| Surrogate: 4-Terphenyl-d14 | 63.9 | | " | 0.333 | | 63.9 | 33-122 | | | |

LRB (LRB-L651908)

Prepared: 12/05/2022 Analyzed: 12/06/2022

| | | | | | | | | | | |
|-----------------------------|------|---------|-------|-------|--|------|--------|--|--|--|
| Fluorene | ND | 0.00067 | mg/Kg | | | | - | | | |
| Naphthalene | ND | 0.00201 | " | | | | - | | | |
| Pyrene | ND | 0.00067 | " | | | | - | | | |
| Benzo(a)pyrene | ND | 0.00067 | " | | | | - | | | |
| Benzo(b)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Benzo(k)fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Chrysene | ND | 0.00067 | " | | | | - | | | |
| Fluoranthene | ND | 0.00067 | " | | | | - | | | |
| Indeno(1,2,3-cd)pyrene | ND | 0.00067 | " | | | | - | | | |
| Anthracene | ND | 0.00067 | " | | | | - | | | |
| Acenaphthene | ND | 0.00067 | " | | | | - | | | |
| 2-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| 1-Methylnaphthalene | ND | 0.00201 | " | | | | - | | | |
| Benzo(a)anthracene | ND | 0.00067 | " | | | | - | | | |
| Dibenz(a,h)anthracene | ND | 0.00067 | " | | | | - | | | |
| Surrogate: Nitrobenzene-d5 | 52.8 | | " | 0.333 | | 52.8 | 29-110 | | | |
| Surrogate: 4-Terphenyl-d14 | 71.4 | | " | 0.333 | | 71.4 | 33-122 | | | |
| Surrogate: 2-Fluorobiphenyl | 54.6 | | " | 0.333 | | 54.6 | 33-115 | | | |

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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Andy Sagen
Project Number: [none]
Project: KMG - PSC 15-11

Notes and Definitions

U Sample is Non-Detect.

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.



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Jen Pellegrini For Noelle Doyle Mathis, President