

ORIGINS LABORATORY

Ensolum

Jeremy Espinoza

11049 W 44th Avenue, Suite 103

Wheat Ridge CO 80033

February 18, 2025

Project Name - KMG - Bermester 7-34 WH

Project Number - 09A1417686

Attached are your analytical results for KMG - Bermester 7-34 WH received by Origins Laboratory February 06, 2025. This project is associated with Origins project number E5B0175-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory
303.433.1322
projectmanager@originslab.com



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



Ensolum
11049 W 44th Avenue, Suite 103
Wheat Ridge CO 80033

Jeremy Espinoza
Project Number: 09A1417686
Project: KMG - Bermester 7-34 WH

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|------------------------|------------------|
| MW01 | E5B0175-01 | Water | February 6, 2025 11:48 | 02/06/2025 16:20 |
| MW02 | E5B0175-02 | Water | February 6, 2025 11:20 | 02/06/2025 16:20 |
| MW03 | E5B0175-03 | Water | February 6, 2025 11:32 | 02/06/2025 16:20 |
| MW04 | E5B0175-04 | Water | February 6, 2025 11:41 | 02/06/2025 16:20 |
| MW05 | E5B0175-05 | Water | February 6, 2025 11:08 | 02/06/2025 16:20 |

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ORIGINS LABORATORY

Ensolium
11049 W 44th Avenue, Suite 103
Wheat Ridge CO 80033

Jeremy Espinoza
Project Number: 09A1417686
Project: KMG - Bermester 7-34 WH

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

Client: Ensolium LLC
Address: _____
Project Manager: Jeremy Espinoza
Project Name: Bermester 7-34 WH
Project Number: 09A1417686
Samples Collected by: Jeremy Espinoza

Telephone Number: _____
Email Address: KMG Team

Refrigerate
HCl
HNO₃
Other
Groundwater
Soil
Full Table 915-1
BTEXN
1,2,4/1,3,5-TMB
TPH-GRG/DRG/ORG
EC/HH/SAR/SP. Bore
Table 915-1 Metals

Sample Indicators: _____

INITIAL
IMPACTED
GSP/IFS page 1 of 1

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| Sample ID/Description | Date Sampled | Time Sampled | # of Containers | Preservative | | | | Received By | Date | Time | Unstored Time |
|-----------------------|--------------|--------------|-----------------|--------------|------------------|-------|-------------|-------------|--------|-------|---|
| | | | | HCl | HNO ₃ | Other | Groundwater | | | | |
| AW01 | 2/6/15 | 11:08 | 4 | X | X | X | X | _____ | 2/6/15 | 16:10 | 48 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> 10 <input type="checkbox"/> |
| AW02 | | 11:20 | | | | | | _____ | | | |
| AW03 | | 11:22 | | | | | | _____ | | | |
| AW04 | | 11:41 | | | | | | _____ | | | |
| AW05 | | 11:48 | | | | | | _____ | | | |

Refrigerated by: _____
Date: 2/6/15
Time: 16:10

Received by: _____
Date: 2/6/15
Time: 16:20

Signature: _____
Date Result Needed: _____

Origins Laboratory

Signature

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Ensolium
11049 W 44th Avenue, Suite 103
Wheat Ridge CO 80033

Jeremy Espinoza
Project Number: 09A1417686
Project: KMG - Bermester 7-34 WH

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: ES60175

Client: Ensolium

Client Project ID: Bermester

Checklist Completed by: ROJAN

Shipped Via: HO

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

Date/time completed: 2/10/25

Airbill #: N/A

Matrix(s) Received: (Check all that apply):

Soil/Solid

Water

Other: _____

Cooler Number/Temperature: L15M °C

(Describe)

Thermometer ID: 7007

| Requirement Description | Yes | No | N/A | Comments (if any) |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | | | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | | <input checked="" type="checkbox"/> | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | | <input checked="" type="checkbox"/> | | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | | | <input checked="" type="checkbox"/> | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | | | |
| For volatiles in water – Is there headspace (≥ ¼ inch bubble) present? If yes, contact client and note in narrative. | | <input checked="" type="checkbox"/> | | |
| Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation and was it checked ⁽¹⁾) (preservation is not confirmed for subcontracted analytes in order to insure sample integrity) (pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH) | | | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |

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

Reviewed by (Project Manager) AS

2/10/25
Date/Time Reviewed

Origins Laboratory

EHO

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Ensolum
 11049 W 44th Avenue, Suite 103
 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

MW01

2/6/2025 11:48:00AM

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

**Origins Laboratory
 E5B0175-01 (Water)**

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|--|------|------|-----|---------|------------|------------|--|
| Chloride | 329 | | 31.2 | mg/L | 125 | B5B1101 | 02/11/2025 | 02/13/2025 | |
| Sulfate | 322 | | 31.2 | " | " | " | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|------|------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 2.00 | ug/L | 1 | B5B0905 | 02/09/2025 | 02/09/2025 | 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 | 98.7 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 98.1 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 102 % | | 70-130 | | | " | " | " | |

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|
| Total Dissolved Solids | 1840 | | 5.00 | mg/L | 1 | B5B1019 | 02/10/2025 | 02/12/2025 | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|

Origins Laboratory

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Ensolum
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 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

MW02

2/6/2025 11:20:00AM

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

Origins Laboratory
E5B0175-02 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|--|------|------|-----|---------|------------|------------|--|
| Chloride | 329 | | 31.2 | mg/L | 125 | B5B1101 | 02/11/2025 | 02/13/2025 | |
| Sulfate | 355 | | 31.2 | " | " | " | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|------|------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 2.00 | ug/L | 1 | B5B0905 | 02/09/2025 | 02/09/2025 | 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 | 99.6 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 97.6 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | | 70-130 | | | " | " | " | |

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|
| Total Dissolved Solids | 1670 | | 5.00 | mg/L | 1 | B5B1019 | 02/10/2025 | 02/12/2025 | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|

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Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

MW03

2/6/2025 11:32:00AM

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

Origins Laboratory
E5B0175-03 (Water)

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|--|------|------|-----|---------|------------|------------|--|
| Chloride | 415 | | 31.2 | mg/L | 125 | B5B1101 | 02/11/2025 | 02/13/2025 | |
| Sulfate | 572 | | 31.2 | " | " | " | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|------|------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 2.00 | ug/L | 1 | B5B0905 | 02/09/2025 | 02/09/2025 | 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 | 101 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 97.6 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | | 70-130 | | | " | " | " | |

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|
| Total Dissolved Solids | 2210 | | 5.00 | mg/L | 1 | B5B1019 | 02/10/2025 | 02/12/2025 | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|

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Ensolum
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 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

MW04

2/6/2025 11:41:00AM

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

**Origins Laboratory
 E5B0175-04 (Water)**

Anions by IC 300.0

| | | | | | | | | | |
|----------|-----|--|------|------|-----|---------|------------|------------|--|
| Chloride | 577 | | 31.2 | mg/L | 125 | B5B1101 | 02/11/2025 | 02/13/2025 | |
| Sulfate | 785 | | 31.2 | " | " | " | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|------|------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 2.00 | ug/L | 1 | B5B0905 | 02/09/2025 | 02/09/2025 | 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 | 101 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 97.2 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | | 70-130 | | | " | " | " | |

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|
| Total Dissolved Solids | 2970 | | 5.00 | mg/L | 1 | B5B1020 | 02/10/2025 | 02/12/2025 | |
|------------------------|------|--|------|------|---|---------|------------|------------|--|

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Ensolum
11049 W 44th Avenue, Suite 103
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Jeremy Espinoza
Project Number: 09A1417686
Project: KMG - Bermester 7-34 WH

MW05

2/6/2025 11:08:00AM

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

**Origins Laboratory
E5B0175-05 (Water)**

Anions by IC 300.0

| | | | | | | | | | |
|----------|------------|--|------|------|-----|---------|------------|------------|--|
| Chloride | 395 | | 31.2 | mg/L | 125 | B5B1101 | 02/11/2025 | 02/13/2025 | |
| Sulfate | 404 | | 31.2 | " | " | " | " | " | |

BTEX+N+TMBs by 8260D

| | | | | | | | | | |
|------------------------|----|--|------|------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | | 2.00 | ug/L | 1 | B5B0905 | 02/09/2025 | 02/09/2025 | 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 | 103 % | | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 96.5 % | | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 100 % | | 70-130 | | | " | " | " | |

Total Dissolved Solids by 2540C

| | | | | | | | | | |
|------------------------|-------------|--|------|------|---|---------|------------|------------|--|
| Total Dissolved Solids | 2400 | | 5.00 | mg/L | 1 | B5B1020 | 02/10/2025 | 02/12/2025 | |
|------------------------|-------------|--|------|------|---|---------|------------|------------|--|

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Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

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

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

Batch B5B0905 - EPA 5030B (Water)

Blank (B5B0905-BLK1)

Prepared: 02/09/2025 Analyzed: 02/09/2025

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|--|------|--------|--|--|---|
| 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 | 62 | | " | 62.5 | | 99.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 98.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 64 | | " | 62.5 | | 103 | 70-130 | | | |

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 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

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

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

Batch B5B0905 - EPA 5030B (Water)

LCS (B5B0905-BS1)

Prepared: 02/09/2025 Analyzed: 02/09/2025

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 54.7 | 2.00 | ug/L | 50.0 | | 109 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 54.2 | 2.00 | " | 50.0 | | 108 | 70-130 | | | |
| Benzene | 49.8 | 1.00 | " | 50.0 | | 99.5 | 70-130 | | | |
| Ethylbenzene | 55.2 | 1.00 | " | 50.0 | | 110 | 70-130 | | | |
| m,p-Xylene | 112 | 2.00 | " | 100 | | 112 | 70-130 | | | |
| Naphthalene | 54.3 | 2.00 | " | 50.0 | | 109 | 70-130 | | | |
| o-Xylene | 54.3 | 1.00 | " | 50.0 | | 109 | 70-130 | | | |
| Toluene | 51.1 | 1.00 | " | 50.0 | | 102 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 62 | | " | 62.5 | | 98.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.1 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 97.6 | 70-130 | | | |

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Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

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

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

Batch B5B0905 - EPA 5030B (Water)

Matrix Spike (B5B0905-MS1)

Source: E5B0175-01

Prepared: 02/09/2025 Analyzed: 02/09/2025

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 55.8 | 2.00 | ug/L | 50.0 | ND | 112 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 56.7 | 2.00 | " | 50.0 | ND | 113 | 70-130 | | | |
| Benzene | 49.2 | 1.00 | " | 50.0 | ND | 98.3 | 70-130 | | | |
| Ethylbenzene | 37.0 | 1.00 | " | 50.0 | ND | 74.0 | 70-130 | | | |
| m,p-Xylene | 112 | 2.00 | " | 100 | ND | 112 | 70-130 | | | |
| Naphthalene | 61.0 | 2.00 | " | 50.0 | ND | 122 | 70-130 | | | |
| o-Xylene | 57.2 | 1.00 | " | 50.0 | ND | 114 | 70-130 | | | |
| Toluene | 49.3 | 1.00 | " | 50.0 | ND | 98.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 97.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 68 | | " | 62.5 | | 108 | 70-130 | | | |

Origins Laboratory

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Ensolom
 11049 W 44th Avenue, Suite 103
 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

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

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

Batch B5B0905 - EPA 5030B (Water)

Matrix Spike Dup (B5B0905-MSD1)

Source: E5B0175-01

Prepared: 02/09/2025 Analyzed: 02/09/2025

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|----|------|--------|--------|----|-------|
| 1,2,4-Trimethylbenzene | 55.8 | 2.00 | ug/L | 50.0 | ND | 112 | 70-130 | 0.0359 | 20 | |
| 1,3,5-Trimethylbenzene | 55.4 | 2.00 | " | 50.0 | ND | 111 | 70-130 | 2.43 | 20 | |
| Benzene | 50.0 | 1.00 | " | 50.0 | ND | 100 | 70-130 | 1.69 | 20 | |
| Ethylbenzene | 54.7 | 1.00 | " | 50.0 | ND | 109 | 70-130 | 38.6 | 20 | QR-02 |
| m,p-Xylene | 110 | 2.00 | " | 100 | ND | 110 | 70-130 | 1.45 | 20 | |
| Naphthalene | 63.4 | 2.00 | " | 50.0 | ND | 127 | 70-130 | 3.87 | 20 | |
| o-Xylene | 54.5 | 1.00 | " | 50.0 | ND | 109 | 70-130 | 4.85 | 20 | |
| Toluene | 51.4 | 1.00 | " | 50.0 | ND | 103 | 70-130 | 4.23 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 97.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.4 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 61 | | " | 62.5 | | 96.9 | 70-130 | | | |

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Ensolum
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 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

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

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

Classical Chemistry Parameters - Quality Control
Origins Laboratory

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

Batch B5B1019 - NO PREP

Blank (B5B1019-BLK1)

Prepared: 02/10/2025 Analyzed: 02/12/2025

Total Dissolved Solids ND 5.00 mg/L

LCS (B5B1019-BS1)

Prepared: 02/10/2025 Analyzed: 02/12/2025

Total Dissolved Solids 1010 5.00 mg/L 1010 99.8 90-110

Duplicate (B5B1019-DUP1)

Source: E5B0150-01

Prepared: 02/10/2025 Analyzed: 02/12/2025

Total Dissolved Solids 3630 5.00 mg/L 3580 1.22 10

Batch B5B1020 - NO PREP

Blank (B5B1020-BLK1)

Prepared: 02/10/2025 Analyzed: 02/12/2025

Total Dissolved Solids ND 5.00 mg/L

LCS (B5B1020-BS1)

Prepared: 02/10/2025 Analyzed: 02/12/2025

Total Dissolved Solids 978 5.00 mg/L 1010 96.8 90-110

Duplicate (B5B1020-DUP1)

Source: E5B0175-04

Prepared: 02/10/2025 Analyzed: 02/12/2025

Total Dissolved Solids 3000 5.00 mg/L 2970 1.07 10

Batch B5B1101 - Filter .45um non acidified

Blank (B5B1101-BLK1)

Prepared: 02/11/2025 Analyzed: 02/13/2025

Chloride ND 0.250 mg/L

Origins Laboratory

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Ensolium
 11049 W 44th Avenue, Suite 103
 Wheat Ridge CO 80033

Jeremy Espinoza
 Project Number: 09A1417686
 Project: KMG - Bermester 7-34 WH

Classical Chemistry Parameters - Quality Control
Origins Laboratory

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

Batch B5B1101 - Filter .45um non acidified

Blank (B5B1101-BLK1)

Prepared: 02/11/2025 Analyzed: 02/13/2025

Sulfate ND 0.250 mg/L

LCS (B5B1101-BS1)

Prepared: 02/11/2025 Analyzed: 02/13/2025

Chloride 3.86 0.250 mg/L 4.00 96.6 90-110

Sulfate 3.85 0.250 " 4.00 96.3 90-110

Matrix Spike (B5B1101-MS1)

Source: E5B0175-01

Prepared: 02/11/2025 Analyzed: 02/13/2025

Chloride 817 mg/L 500 329 97.7 90-110

Sulfate 794 " 500 322 94.3 90-110

Matrix Spike Dup (B5B1101-MSD1)

Source: E5B0175-01

Prepared: 02/11/2025 Analyzed: 02/13/2025

Chloride 814 mg/L 500 329 97.0 90-110 0.449 5

Sulfate 795 " 500 322 94.5 90-110 0.0771 5

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Ensolom
11049 W 44th Avenue, Suite 103
Wheat Ridge CO 80033

Jeremy Espinoza
Project Number: 09A1417686
Project: KMG - Bermester 7-34 WH

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 on a wet weight basis.

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