

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 08, 2021

Max Knop

K.P. Kauffman

1675 Broadway

Denver, CO 80202

RE: Stieber

Work Order #2109011

Enclosed are the results of analyses for samples received by Summit Scientific on 09/01/21 13:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Muri Premier", is displayed on a light purple rectangular background.

Muri Premier For Paul Shrewsbury
President



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| MW-1 | 2109011-01 | Water | 09/01/21 07:40 | 09/01/21 13:00 |
| MW-2 | 2109011-02 | Water | 09/01/21 08:10 | 09/01/21 13:00 |
| MW-3 | 2109011-03 | Water | 09/01/21 08:30 | 09/01/21 13:00 |
| MW-4 | 2109011-04 | Water | 09/01/21 08:55 | 09/01/21 13:00 |
| MW-5 | 2109011-05 | Water | 09/01/21 09:30 | 09/01/21 13:00 |
| MW-6 | 2109011-06 | Water | 09/01/21 09:45 | 09/01/21 13:00 |

Summit Scientific

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.

210904

Summit Scientific

4653 Table Mountain Drive ♦ Golden, Colorado 80403

303-277-9310 ♦ 303-374-5933 (f)

Page (of)

Client: K.P. Kauffman Company, Inc.

Project Manager: Max Knop

Address: 1675 Broadway, Suite 2800

E-Mail: MKnop@kpk.com

City/State/Zip: Denver, CO 80202-4628

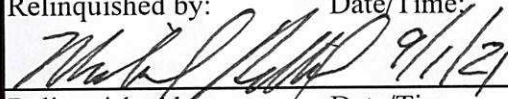
Phone: 303-825-4822

Project Name: STEIBER

Sampler Name: Mike Hattel (mhattel@msn.com)

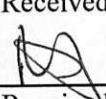
Project Number:

| ID | Sample Description | Date Sampled | Time Sampled | # of containers | Preservative | | | | Matrix | | | | Analysis Requested | | | | | | | | Special Instructions |
|----|--------------------|--------------|--------------|-----------------|--------------|------|------|-------|--------|------|----------------|-------|--------------------|------|--------|----------|--------------|-------|--|--|----------------------|
| | | | | | HCl | HNO3 | None | Other | Water | Soil | Air-Canister # | Other | VOC | SVOC | Metals | Organics | Trace Metals | Other | | | |
| 1 | MW-1 | 9/1/21 | 740 | 3 | | | | X | X | | | | | X | X | | | | | | |
| 2 | MW-2 | | 810 | 3 | | | | X | X | | | | | X | X | | | | | | |
| 3 | MW-3 | | 830 | 3 | | | | X | X | | | | | X | X | | | | | | |
| 4 | MW-4 | | 855 | 3 | | | | X | X | | | | | X | X | | | | | | |
| 5 | MW-5 | | 930 | 3 | | | | X | X | | | | | X | X | | | | | | |
| 6 | MW-6 | | 945 | 3 | | | | X | X | | | | | X | X | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |

Relinquished by:  Date/Time: 9/1/21

Relinquished by: _____ Date/Time: _____

Relinquished by: _____ Date/Time: _____

Received by:  Date/Time: 9-1-21 13:00

Received by: _____ Date/Time: _____

Received by: _____ Date/Time: _____

Turn Around Time (Check)

Same Day _____ 72 hours _____

24 hours _____ Standard ☒

48 hours _____

Sample Integrity:

Temperature Upon Receipt: 3.4

Samples Intact: ☒ Yes ☐ No

Notes: PDF COPY TO
MIKE HATTEL AT
mhattel@msn.com

Sample Receipt Checklist

S2 Work Order 210904

Client: KP KAUFFMAN Client Project ID STEIBER

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other _____ Airbill #: _____

Matrix (check all that apply): ☒ Air ☐ Soil/Solid ☒ Water ☐ Other: _____
(Describe)

| | |
|-----------|-----|
| Temp (°C) | 3.4 |
|-----------|-----|

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------|
| If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| NOTE: If samples are delivered the same day of sampling, this requirement is met provided that there is evidence that cooling has begun. | | | | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| If custody seals are present, are they intact ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Are samples with holding times due within 48 hours sample due within 48 hours present? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Is a chain-of-custody (COC) form present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client w/ date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect | | | | |
| If samples are acid preserved for metals, is the pH ≤ 2 ⁽¹⁾ ? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Record the pH in Comments. | | | | |
| If dissolved metals are requested, were samples field filtered? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Muri P.
Custodian Printed Name or Initials

[Signature]
Signature of Custodian

9-1-21
Date/Time



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

MW-1
2109011-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 07:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BEI0088 | 09/03/21 | 09/04/21 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/01/21 07:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 83.7 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 89.3 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 85.3 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **09/01/21 07:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Chloride | 488 | 12.0 | mg/L | 200 | BEI0118 | 09/07/21 | 09/07/21 | EPA 300.0 | |
| Sulfate | 666 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **09/01/21 07:40**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | Units | | | | | | |
| Total Dissolved Solids | 1990 | 10.0 | mg/L | 1 | BEI0072 | 09/03/21 | 09/03/21 | SM2540C | |

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

MW-2
2109011-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 08:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BEI0088 | 09/03/21 | 09/05/21 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/01/21 08:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.3 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 94.5 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 93.5 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **09/01/21 08:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 378 | 12.0 | mg/L | 200 | BEI0118 | 09/07/21 | 09/07/21 | EPA 300.0 | |
| Sulfate | 623 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **09/01/21 08:10**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 1690 | 10.0 | mg/L | 1 | BEI0072 | 09/03/21 | 09/03/21 | SM2540C | |

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

MW-3
2109011-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 08:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Benzene | ND | 1.0 | ug/l | 1 | BEI0088 | 09/03/21 | 09/05/21 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 7.3 | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/01/21 08:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------------|--------|----------|-------|----------|----------|--------|-------|
| Surrogate: 1,2-Dichloroethane-d4 | | 95.9 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 99.2 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 101 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **09/01/21 08:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Chloride | 175 | 12.0 | mg/L | 200 | BEI0118 | 09/07/21 | 09/07/21 | EPA 300.0 | |
| Sulfate | 261 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **09/01/21 08:30**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------------|-------|----------|---------|----------|----------|---------|-------|
| Total Dissolved Solids | 1140 | 10.0 | mg/L | 1 | BEI0072 | 09/03/21 | 09/03/21 | SM2540C | |

Summit Scientific

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

MW-4
2109011-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 08:55**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | 220 | 100 | ug/l | 100 | BEI0088 | 09/03/21 | 09/05/21 | EPA 8260B | |
| Toluene | 86 | 1.0 | " | 1 | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | 790 | 200 | " | 100 | " | " | " | " | |
| Naphthalene | 46 | 1.0 | " | 1 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 70 | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 93 | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/01/21 08:55**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 117 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 108 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 114 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **09/01/21 08:55**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 163 | 12.0 | mg/L | 200 | BEI0118 | 09/07/21 | 09/07/21 | EPA 300.0 | |
| Sulfate | 277 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **09/01/21 08:55**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 993 | 10.0 | mg/L | 1 | BEI0072 | 09/03/21 | 09/03/21 | SM2540C | |

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

MW-5
2109011-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 09:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Benzene | ND | 1.0 | ug/l | 1 | BEI0088 | 09/03/21 | 09/05/21 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | " | " | " | " | " | " | |
| Naphthalene | ND | 1.0 | " | " | " | " | " | " | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/01/21 09:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 104 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 105 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 94.7 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **09/01/21 09:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------|--------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | |
| Chloride | 225 | 12.0 | mg/L | 200 | BEI0118 | 09/07/21 | 09/08/21 | EPA 300.0 | |
| Sulfate | 425 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **09/01/21 09:30**

| Analyte | Result | Reporting | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|------------------------|--------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | | | | | | | |
| Total Dissolved Solids | 1220 | 10.0 | mg/L | 1 | BEI0072 | 09/03/21 | 09/03/21 | SM2540C | |

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

MW-6
2109011-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/01/21 09:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|-------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Benzene | 190 | 1.0 | ug/l | 1 | BEI0088 | 09/03/21 | 09/05/21 | EPA 8260B | |
| Toluene | ND | 1.0 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | " | " | " | " | " | " | |
| Xylenes (total) | 1200 | 200 | " | 100 | " | " | " | " | |
| Naphthalene | 51 | 1.0 | " | 1 | " | " | " | " | |
| 1,2,4-Trimethylbenzene | 100 | 1.0 | " | " | " | " | " | " | |
| 1,3,5-Trimethylbenzene | 85 | 1.0 | " | " | " | " | " | " | |

Date Sampled: **09/01/21 09:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 110 % | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 94.7 % | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 108 % | 21-167 | | " | " | " | " | |

Anions by EPA Method 300.0

Date Sampled: **09/01/21 09:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|------------|-----------|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | Units | | | | | | |
| Chloride | 232 | 12.0 | mg/L | 200 | BEI0118 | 09/07/21 | 09/08/21 | EPA 300.0 | |
| Sulfate | 585 | 60.0 | " | " | " | " | " | " | |

Total Dissolved Solids by SM2540C

Date Sampled: **09/01/21 09:45**

| Analyte | Result | Reporting | | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-------------------------------|-------------|-----------|-------|----------|---------|----------|----------|---------|-------|
| | | Limit | Units | | | | | | |
| Total Dissolved Solids | 1420 | 10.0 | mg/L | 1 | BEI0072 | 09/03/21 | 09/03/21 | SM2540C | |

Summit Scientific

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch BEI0088 - EPA 5030 Water MS

Blank (BEI0088-BLK1)

Prepared: 09/03/21 Analyzed: 09/04/21

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | " | | | | | | | |
| Ethylbenzene | ND | 1.0 | " | | | | | | | |
| Xylenes (total) | ND | 2.0 | " | | | | | | | |
| Naphthalene | ND | 1.0 | " | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1.0 | " | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 11.3 | | " | 13.3 | | 84.8 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.1 | | " | 13.3 | | 90.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.7 | | " | 13.3 | | 103 | 21-167 | | | |

LCS (BEI0088-BS1)

Prepared: 09/03/21 Analyzed: 09/04/21

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | 26.3 | 1.0 | ug/l | 33.3 | | 78.8 | 51-132 | | | |
| Toluene | 29.5 | 1.0 | " | 33.3 | | 88.4 | 51-138 | | | |
| Ethylbenzene | 34.5 | 1.0 | " | 33.3 | | 104 | 58-146 | | | |
| m,p-Xylene | 70.8 | 2.0 | " | 66.7 | | 106 | 57-144 | | | |
| o-Xylene | 35.2 | 1.0 | " | 33.3 | | 106 | 53-146 | | | |
| Naphthalene | 30.6 | 1.0 | " | 33.3 | | 91.8 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 28.1 | 1.0 | " | 33.3 | | 84.2 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 34.3 | 1.0 | " | 33.3 | | 103 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 10.7 | | " | 13.3 | | 80.4 | 23-173 | | | |
| Surrogate: Toluene-d8 | 11.8 | | " | 13.3 | | 88.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 12.1 | | " | 13.3 | | 90.5 | 21-167 | | | |

Matrix Spike (BEI0088-MS1)

Source: 2109011-01

Prepared: 09/03/21 Analyzed: 09/04/21

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|--|--|--|
| Benzene | 27.3 | 1.0 | ug/l | 33.3 | ND | 81.8 | 34-141 | | | |
| Toluene | 30.3 | 1.0 | " | 33.3 | ND | 91.0 | 27-151 | | | |
| Ethylbenzene | 33.7 | 1.0 | " | 33.3 | ND | 101 | 29-160 | | | |
| m,p-Xylene | 68.7 | 2.0 | " | 66.7 | ND | 103 | 20-166 | | | |
| o-Xylene | 34.7 | 1.0 | " | 33.3 | ND | 104 | 33-159 | | | |
| Naphthalene | 37.6 | 1.0 | " | 33.3 | ND | 113 | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 27.9 | 1.0 | " | 33.3 | ND | 83.8 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 33.9 | 1.0 | " | 33.3 | ND | 102 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.0 | | " | 13.3 | | 90.1 | 23-173 | | | |
| Surrogate: Toluene-d8 | 11.9 | | " | 13.3 | | 89.4 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 11.9 | | " | 13.3 | | 89.6 | 21-167 | | | |

Summit Scientific

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.



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control
Summit Scientific

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

Batch BEI0088 - EPA 5030 Water MS

| Matrix Spike Dup (BEI0088-MSD1) | Source: 2109011-01 | | | Prepared: 09/03/21 Analyzed: 09/04/21 | | | | | | |
|----------------------------------|--------------------|-----|------|---------------------------------------|----|------|--------|-------|----|--|
| Benzene | 27.2 | 1.0 | ug/l | 33.3 | ND | 81.5 | 34-141 | 0.441 | 30 | |
| Toluene | 29.8 | 1.0 | " | 33.3 | ND | 89.4 | 27-151 | 1.80 | 30 | |
| Ethylbenzene | 34.3 | 1.0 | " | 33.3 | ND | 103 | 29-160 | 1.82 | 30 | |
| m,p-Xylene | 69.4 | 2.0 | " | 66.7 | ND | 104 | 20-166 | 0.927 | 30 | |
| o-Xylene | 34.9 | 1.0 | " | 33.3 | ND | 105 | 33-159 | 0.604 | 30 | |
| Naphthalene | 37.2 | 1.0 | " | 33.3 | ND | 112 | 70-130 | 0.989 | 30 | |
| 1,2,4-Trimethylbenzene | 28.2 | 1.0 | " | 33.3 | ND | 84.8 | 70-130 | 1.14 | 30 | |
| 1,3,5-Trimethylbenzene | 34.4 | 1.0 | " | 33.3 | ND | 103 | 70-130 | 1.46 | 30 | |
| Surrogate: 1,2-Dichloroethane-d4 | 12.0 | | " | 13.3 | | 90.4 | 23-173 | | | |
| Surrogate: Toluene-d8 | 11.9 | | " | 13.3 | | 89.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 12.0 | | " | 13.3 | | 90.2 | 21-167 | | | |

Summit Scientific

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber

Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

Anions by EPA Method 300.0 - Quality Control

Summit Scientific

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

Batch BEI0118 - General Preparation

LCS (BEI0118-BS1)

Prepared & Analyzed: 09/07/21

| | | | | | | |
|----------|------|--------|------|------|------|--------|
| Chloride | 2.90 | 0.0600 | mg/L | 3.00 | 96.8 | 90-110 |
| Sulfate | 15.6 | 0.300 | " | 15.0 | 104 | 90-110 |

Duplicate (BEI0118-DUP1)

Source: 2109011-01

Prepared & Analyzed: 09/07/21

| | | | | | | |
|----------|-----|------|------|-----|-------|----|
| Chloride | 537 | 12.0 | mg/L | 488 | 9.64 | 20 |
| Sulfate | 670 | 60.0 | " | 666 | 0.539 | 20 |

Matrix Spike (BEI0118-MS1)

Source: 2109011-01

Prepared & Analyzed: 09/07/21

| | | | | | | | | |
|----------|------|------|------|------|-----|-----|--------|-------|
| Chloride | 1230 | 12.0 | mg/L | 600 | 488 | 124 | 80-120 | QR-04 |
| Sulfate | 4630 | 60.0 | " | 3000 | 666 | 132 | 80-120 | QR-04 |

Summit Scientific

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K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

Total Dissolved Solids by SM2540C - Quality Control
Summit Scientific

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

Batch BEI0072 - General Preparation

Blank (BEI0072-BLK1)

Prepared & Analyzed: 09/03/21

Total Dissolved Solids ND 10.0 mg/L

Duplicate (BEI0072-DUP1)

Source: 2108407-01

Prepared & Analyzed: 09/03/21

Total Dissolved Solids 8420 10.0 mg/L 8420 0.0713 20

Summit Scientific

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.



K.P. Kauffman
1675 Broadway
Denver CO, 80202

Project: Stieber
Project Number: [none]
Project Manager: Max Knop

Reported:
09/08/21 17:04

Notes and Definitions

| | |
|-------|---|
| QR-04 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| DET | Analyte DETECTED |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| NR | Not Reported |
| dry | Sample results reported on a dry weight basis |
| RPD | Relative Percent Difference |