

Summit Scientific

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June 09, 2020

Heather Shideman

Extraction Oil&Gas

370 17th Street Suite 5300

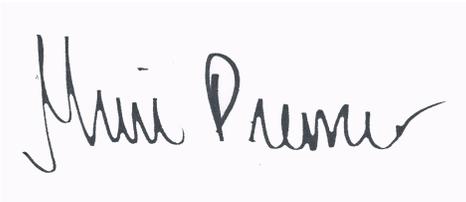
Denver, CO 80202

RE: Trip_Blank/GWA_Coyote_Trails

Work Order #2005303

Enclosed are the results of analyses for samples received by Summit Scientific on 05/28/20 10:10. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink on a light blue background. The signature reads "Muri Premer" in a cursive, flowing script.

Muri Premer For Paul Shrewsbury
President



Extraction Oil&Gas
370 17th Street Suite 5300
Denver CO, 80202

Project: Trip_Blank/GWA_Coyote_Trails

Project Number: AFE #17031 Code 961.15

Project Manager: Heather Shideman

Reported:
06/09/20 10:16

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|---|---------------|--------|----------------|----------------|
| BW_Front_Range_Landfill_Surface_Water_SW_Trip | 2005303-01 | Water | 05/28/20 08:57 | 05/28/20 10:10 |

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.

Sample Receipt Checklist

S2 Work Order 2005303

Client: APEX COMPANIES Client Project ID: TRIP BLANK COYOTE TRAILS

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

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

| | |
|-----------|-----|
| Temp (°C) | 7.1 |
|-----------|-----|

Thermometer ID: 61857155-K

| | Yes | No | N/A | Comments (if any) |
|---|-----|----|-----|-------------------|
| If samples require cooling, was the temperature at 4°C +/- 2°C ⁽¹⁾ ? 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⁾ ? | ✓ | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | ✓ | | | |
| If custody seals are present, are they intact ⁽¹⁾ ? | ✓ | | | |
| Are samples with holding times due within 48 hours sample due within 48 hours present? | | ✓ | | |
| Is a chain-of-custody (COC) form 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 w/ date and time recorded ⁽¹⁾ ? | ✓ | | | |
| For volatiles in water – is there headspace present? If yes, contact client and note in narrative. | | ✓ | | |
| Are samples preserved that require preservation (excluding cooling) ⁽¹⁾ ? 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⁾ ? Record the pH in Comments. | | | ✓ | |
| If dissolved metals are requested, were samples field filtered? | | | ✓ | |

Additional Comments (if any):

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

Custodian Printed Name or Initials

Signature of Custodian

05/29/2020
Date/Time



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Reported:
06/09/20 10:16

BW_Front_Range_Landfill_Surface_Water_SW_Trip_Blank
2005303-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/28/20 08:57**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|-----------------|--------|-----------|--|-------|----------|---------|----------|----------|-----------|-------|
| | | Limit | | | | | | | | |
| Benzene | ND | 1.0 | | ug/l | 1 | 2006004 | 06/01/20 | 06/02/20 | EPA 8260B | |
| Toluene | ND | 1.0 | | " | " | " | " | " | " | |
| Ethylbenzene | ND | 1.0 | | " | " | " | " | " | " | |
| m,p-Xylene | ND | 2.0 | | " | " | " | " | " | " | |
| o-Xylene | ND | 1.0 | | " | " | " | " | " | " | |
| Xylenes (total) | ND | 2.0 | | " | " | " | " | " | " | |

Date Sampled: **05/28/20 08:57**

| Analyte | Result | Reporting | | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|----------------------------------|--------|-----------|--|--------|----------|-------|----------|----------|--------|-------|
| | | Limit | | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 125 % | | 23-173 | | " | " | " | " | |
| Surrogate: Toluene-d8 | | 93.5 % | | 20-170 | | " | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | | 109 % | | 21-167 | | " | " | " | " | |

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Project Number: AFE #17031 Code 961.15
Project Manager: Heather Shideman

Reported:
06/09/20 10:16

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

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

Batch 2006004 - EPA 5030 Water MS

Blank (2006004-BLK1)

Prepared & Analyzed: 06/01/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | ND | 1.0 | ug/l | | | | | | | |
| Toluene | ND | 1.0 | " | | | | | | | |
| Ethylbenzene | ND | 1.0 | " | | | | | | | |
| m,p-Xylene | ND | 2.0 | " | | | | | | | |
| o-Xylene | ND | 1.0 | " | | | | | | | |
| Xylenes (total) | ND | 2.0 | " | | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 15.3 | | " | 13.3 | | 115 | 23-173 | | | |
| Surrogate: Toluene-d8 | 11.8 | | " | 13.3 | | 88.9 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 14.2 | | " | 13.3 | | 107 | 21-167 | | | |

LCS (2006004-BS1)

Prepared & Analyzed: 06/01/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|--|------|--------|--|--|--|
| Benzene | 45.0 | 1.0 | ug/l | 41.7 | | 108 | 51-132 | | | |
| Toluene | 40.2 | 1.0 | " | 41.7 | | 96.6 | 51-138 | | | |
| Ethylbenzene | 46.7 | 1.0 | " | 41.7 | | 112 | 58-146 | | | |
| m,p-Xylene | 82.4 | 2.0 | " | 83.3 | | 98.9 | 57-144 | | | |
| o-Xylene | 41.8 | 1.0 | " | 41.7 | | 100 | 53-146 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 13.8 | | " | 13.3 | | 104 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.9 | | " | 13.3 | | 96.7 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.2 | | " | 13.3 | | 99.0 | 21-167 | | | |

Matrix Spike (2006004-MS1)

Source: 2005282-01

Prepared & Analyzed: 06/01/20

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|--|--|--|
| Benzene | 46.5 | 1.0 | ug/l | 41.7 | ND | 112 | 34-141 | | | |
| Toluene | 43.4 | 1.0 | " | 41.7 | ND | 104 | 27-151 | | | |
| Ethylbenzene | 48.8 | 1.0 | " | 41.7 | ND | 117 | 29-160 | | | |
| m,p-Xylene | 85.5 | 2.0 | " | 83.3 | ND | 103 | 20-166 | | | |
| o-Xylene | 43.6 | 1.0 | " | 41.7 | ND | 105 | 33-159 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 14.5 | | " | 13.3 | | 109 | 23-173 | | | |
| Surrogate: Toluene-d8 | 12.6 | | " | 13.3 | | 94.6 | 20-170 | | | |
| Surrogate: 4-Bromofluorobenzene | 13.1 | | " | 13.3 | | 98.2 | 21-167 | | | |

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

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

Batch 2006004 - EPA 5030 Water MS

| Matrix Spike Dup (2006004-MSD1) | Source: 2005282-01 | | | Prepared & Analyzed: 06/01/20 | | | | | | | |
|---|---------------------------|-----|----------|--|----|-------------|---------------|------|----|--|--|
| Benzene | 49.9 | 1.0 | ug/l | 41.7 | ND | 120 | 34-141 | 7.08 | 32 | | |
| Toluene | 46.0 | 1.0 | " | 41.7 | ND | 111 | 27-151 | 5.95 | 25 | | |
| Ethylbenzene | 51.7 | 1.0 | " | 41.7 | ND | 124 | 29-160 | 5.83 | 50 | | |
| m,p-Xylene | 90.2 | 2.0 | " | 83.3 | ND | 108 | 20-166 | 5.41 | 36 | | |
| o-Xylene | 46.2 | 1.0 | " | 41.7 | ND | 111 | 33-159 | 5.90 | 26 | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | <i>14.9</i> | | <i>"</i> | <i>13.3</i> | | <i>112</i> | <i>23-173</i> | | | | |
| <i>Surrogate: Toluene-d8</i> | <i>12.7</i> | | <i>"</i> | <i>13.3</i> | | <i>95.6</i> | <i>20-170</i> | | | | |
| <i>Surrogate: 4-Bromofluorobenzene</i> | <i>13.5</i> | | <i>"</i> | <i>13.3</i> | | <i>101</i> | <i>21-167</i> | | | | |

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Reported:
06/09/20 10:16

Notes and Definitions

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