



August 08, 2019

**SRC Energy**

**Dave Castro**

**5400 W 11th Street**

**Greely**

**CO 80634**

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**Project Name - Warren McMillen 2 Investigation      Project Number - [none]**

Attached are your analytical results for Warren McMillen 2 Investigation received by Origins Laboratory, Inc. August 07, 2019. This project is associated with Origins project number Y908097-01.

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

SRC Energy  
5400 W 11th Street  
Greely CO 80634

Dave Castro  
Project Number: [none]  
Project: Warren McMillen 2 Investigation

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled         | Date Received    |
|-----------|---------------|--------|----------------------|------------------|
| BSS1@9'   | Y908097-01    | Soil   | August 7, 2019 9:10  | 08/07/2019 16:15 |
| GW01@9'   | Y908097-02    | Water  | August 7, 2019 10:15 | 08/07/2019 16:15 |

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Jen Pellegrini, Project Manager



SRC Energy  
 5400 W 11th Street  
 Greeley CO 80634

Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4908097 Client: SRC Energy  
 Client Project ID: Warren McMillen 2  
 Checklist Completed by: SG Shipped Via: HD  
 Date/time completed: 8/7/19 (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 / 4.8 °C \_\_\_\_\_ / \_\_\_\_\_ °C \_\_\_\_\_ / \_\_\_\_\_ °C (Describe)  
 Thermometer ID: T003

| Requirement Description   | Yes                                 | No                                  | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?   | <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 <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |     |                   |
| Was adequate sample volume provided <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> |                                     |     |                   |
| Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?  |                                     | <input checked="" type="checkbox"/> |     |                   |
| Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?  | <input checked="" type="checkbox"/> |                                     |     |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |     |                   |
| Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?   | <input checked="" type="checkbox"/> |                                     |     |                   |
| Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?   | <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 <sup>(1)</sup> ? (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 <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH) |                                     | <input checked="" type="checkbox"/> |     |                   |
| Additional Comments (if any):   |                                     |                                     |     |                   |

<sup>(1)</sup>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)

Date/Time Reviewed 8/7/19

Origins Laboratory, Inc.



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SRC Energy  
 5400 W 11th Street  
 Greely CO 80634

Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**BSS1@9'**

**8/7/2019 9:10:00AM**

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

**Origins Laboratory, Inc.**  
**Y908097-01 (Soil)**

**BTEX/TVPH by EPA 8260D**

|                             |    |        |       |    |         |     |            |            |   |
|-----------------------------|----|--------|-------|----|---------|-----|------------|------------|---|
| Benzene                     | ND | 0.0500 | mg/kg | 25 | B9H0711 | TEM | 08/07/2019 | 08/08/2019 | U |
| Toluene                     | ND | 0.0500 | "     | "  | "       | TEM | "          | "          | U |
| Ethylbenzene                | ND | 0.0500 | "     | "  | "       | TEM | "          | "          | U |
| Xylenes, total              | ND | 0.0500 | "     | "  | "       | TEM | "          | "          | U |
| Gasoline Range Hydrocarbons | ND | 5.00   | "     | "  | "       | TEM | "          | "          | U |

|                                  |        |        |  |  |   |   |   |   |  |
|----------------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 99.6 % | 70-130 |  |  | " | " | " | " |  |
| Surrogate: Toluene-d8            | 99.6 % | 70-130 |  |  | " | " | " | " |  |
| Surrogate: 4-Bromofluorobenzene  | 97.7 % | 70-130 |  |  | " | " | " | " |  |

**Diesel Range Organics (DRO/TEPH) by EPA 8015D**

|                  |    |      |       |   |         |     |            |            |   |
|------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B9H0712 | KDK | 08/07/2019 | 08/07/2019 | U |
|------------------|----|------|-------|---|---------|-----|------------|------------|---|

|                        |        |        |  |  |   |   |   |   |  |
|------------------------|--------|--------|--|--|---|---|---|---|--|
| Surrogate: o-Terphenyl | 68.9 % | 50-150 |  |  | " | " | " | " |  |
|------------------------|--------|--------|--|--|---|---|---|---|--|

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 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**GW01@9'**

**8/7/2019 10:15:00AM**

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

**Origins Laboratory, Inc.**  
**Y908097-02 (Water)**

**BTEX by EPA 8260D**

|                                  |        |      |      |        |         |     |            |            |  |
|----------------------------------|--------|------|------|--------|---------|-----|------------|------------|--|
| Benzene                          | 107    | 4.00 | ug/L | 4      | B9H0608 | KDK | 08/07/2019 | 08/08/2019 |  |
| Toluene                          | 11.1   | 4.00 | "    | "      | "       | KDK | "          | "          |  |
| Ethylbenzene                     | 180    | 4.00 | "    | "      | "       | KDK | "          | "          |  |
| Xylenes, total                   | 667    | 4.00 | "    | "      | "       | KDK | "          | "          |  |
| Surrogate: 1,2-Dichloroethane-d4 | 90.7 % |      |      | 70-130 |         | "   | "          | "          |  |
| Surrogate: Toluene-d8            | 100 %  |      |      | 70-130 |         | "   | "          | "          |  |
| Surrogate: 4-Bromofluorobenzene  | 112 %  |      |      | 70-130 |         | "   | "          | "          |  |

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SRC Energy  
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Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0608 - EPA 5030B (Water)**

**Blank (B9H0608-BLK1)**

Prepared: 08/06/2019 Analyzed: 08/07/2019

|   |    |      |      |      |  |      |        |  |  |   |
|---|----|------|------|------|--|------|--------|--|--|---|
| Benzene                                 | ND | 1.00 | ug/L |      |  |      |        |  |  | U |
| Toluene                                 | ND | 1.00 | "    |      |  |      |        |  |  | U |
| Ethylbenzene                            | ND | 1.00 | "    |      |  |      |        |  |  | U |
| Xylenes, total                          | ND | 1.00 | "    |      |  |      |        |  |  | U |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 63 |      | "    | 62.5 |  | 101  | 70-130 |  |  |   |
| <i>Surrogate: Toluene-d8</i>            | 63 |      | "    | 62.5 |  | 100  | 70-130 |  |  |   |
| <i>Surrogate: 4-Bromofluorobenzene</i>  | 61 |      | "    | 62.5 |  | 97.5 | 70-130 |  |  |   |

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 Greely CO 80634

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 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0608 - EPA 5030B (Water)**

**LCS (B9H0608-BS1)**

Prepared: 08/06/2019 Analyzed: 08/07/2019

|                                  |      |      |      |      |  |      |        |  |  |  |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| Benzene                          | 48.9 | 1.00 | ug/L | 50.0 |  | 97.8 | 70-130 |  |  |  |
| Toluene                          | 49.3 | 1.00 | "    | 50.0 |  | 98.5 | 70-130 |  |  |  |
| Ethylbenzene                     | 50.0 | 1.00 | "    | 50.0 |  | 100  | 70-130 |  |  |  |
| m,p-Xylene                       | 100  | 2.00 | "    | 100  |  | 100  | 70-130 |  |  |  |
| o-Xylene                         | 49.2 | 1.00 | "    | 50.0 |  | 98.3 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 58   |      | "    | 62.5 |  | 92.9 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 62   |      | "    | 62.5 |  | 98.7 | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 61   |      | "    | 62.5 |  | 97.8 | 70-130 |  |  |  |

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Dave Castro  
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 Project: Warren McMillen 2 Investigation

**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 B9H0608 - EPA 5030B (Water)

| Matrix Spike (B9H0608-MS1)       | Source: Y908028-01 |      |      | Prepared: 08/06/2019 Analyzed: 08/07/2019 |       |      |        |  |  |  |
|----------------------------------|--------------------|------|------|---|-------|------|--------|--|--|--|
| Benzene                          | 50.4               | 1.00 | ug/L | 50.0                                      | ND    | 101  | 70-130 |  |  |  |
| Toluene                          | 52.0               | 1.00 | "    | 50.0                                      | ND    | 104  | 70-130 |  |  |  |
| Ethylbenzene                     | 50.9               | 1.00 | "    | 50.0                                      | 0.090 | 102  | 70-130 |  |  |  |
| m,p-Xylene                       | 102                | 2.00 | "    | 100                                       | 0.260 | 102  | 70-130 |  |  |  |
| o-Xylene                         | 52.3               | 1.00 | "    | 50.0                                      | ND    | 105  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 59                 |      | "    | 62.5                                      |       | 94.7 | 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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SRC Energy  
 5400 W 11th Street  
 Greely CO 80634

Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0608 - EPA 5030B (Water)**

| <b>Matrix Spike Dup (B9H0608-MSD1)</b> | <b>Source: Y908028-01</b> |      |      | <b>Prepared: 08/06/2019 Analyzed: 08/07/2019</b> |       |      |        |        |    |  |
|--|---------------------------|------|------|--|-------|------|--------|--------|----|--|
| Benzene                                | 51.4                      | 1.00 | ug/L | 50.0   | ND    | 103  | 70-130 | 1.91   | 20 |  |
| Toluene                                | 51.8                      | 1.00 | "    | 50.0   | ND    | 104  | 70-130 | 0.424  | 20 |  |
| Ethylbenzene                           | 50.9                      | 1.00 | "    | 50.0   | 0.090 | 102  | 70-130 | 0.0982 | 20 |  |
| m,p-Xylene                             | 103                       | 2.00 | "    | 100  | 0.260 | 103  | 70-130 | 1.02   | 20 |  |
| o-Xylene                               | 53.6                      | 1.00 | "    | 50.0   | ND    | 107  | 70-130 | 2.38   | 20 |  |
| Surrogate: 1,2-Dichloroethane-d4       | 59                        |      | "    | 62.5   |       | 94.2 | 70-130 |        |    |  |
| Surrogate: Toluene-d8                  | 62                        |      | "    | 62.5   |       | 100  | 70-130 |        |    |  |
| Surrogate: 4-Bromofluorobenzene        | 63                        |      | "    | 62.5   |       | 101  | 70-130 |        |    |  |

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SRC Energy  
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 Greely CO 80634

Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0711 - EPA 5030 (soil)**

**Blank (B9H0711-BLK1)**

Prepared: 08/07/2019 Analyzed: 08/08/2019

|                                  |      |         |       |       |  |      |        |  |  |   |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|---|
| Benzene                          | ND   | 0.00200 | mg/kg |       |  |      |        |  |  | U |
| Toluene                          | ND   | 0.00200 | "     |       |  |      |        |  |  | U |
| Ethylbenzene                     | 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            | 0.13 |         | "     | 0.125 |  | 100  | 70-130 |  |  |   |
| Surrogate: 4-Bromofluorobenzene  | 0.12 |         | "     | 0.125 |  | 97.9 | 70-130 |  |  |   |

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 Project Number: [none]  
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**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 B9H0711 - EPA 5030 (soil)

**LCS (B9H0711-BS1)**

Prepared: 08/07/2019 Analyzed: 08/08/2019

|                                  |        |         |       |       |  |      |        |  |  |  |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                          | 0.0994 | 0.00200 | mg/kg | 0.100 |  | 99.4 | 70-130 |  |  |  |
| Toluene                          | 0.101  | 0.00200 | "     | 0.100 |  | 101  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.101  | 0.00200 | "     | 0.100 |  | 101  | 70-130 |  |  |  |
| m,p-Xylene                       | 0.198  | 0.00400 | "     | 0.200 |  | 98.8 | 70-130 |  |  |  |
| o-Xylene                         | 0.0978 | 0.00200 | "     | 0.100 |  | 97.8 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12   |         | "     | 0.125 |  | 95.9 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.13   |         | "     | 0.125 |  | 101  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.12   |         | "     | 0.125 |  | 99.2 | 70-130 |  |  |  |

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Jen Pellegrini, Project Manager

SRC Energy  
 5400 W 11th Street  
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Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0711 - EPA 5030 (soil)

| Matrix Spike (B9H0711-MS1)       | Source: Y908094-15 |         |       | Prepared: 08/07/2019 Analyzed: 08/07/2019 |    |      |        |  |  |  |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|--|--|--|
| Benzene                          | 0.101              | 0.00200 | mg/kg | 0.100                                     | ND | 101  | 70-130 |  |  |  |
| Toluene                          | 0.101              | 0.00200 | "     | 0.100                                     | ND | 101  | 70-130 |  |  |  |
| Ethylbenzene                     | 0.0990             | 0.00200 | "     | 0.100                                     | ND | 99.0 | 70-130 |  |  |  |
| m,p-Xylene                       | 0.196              | 0.00400 | "     | 0.200                                     | ND | 98.1 | 70-130 |  |  |  |
| o-Xylene                         | 0.0981             | 0.00200 | "     | 0.100                                     | ND | 98.1 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12               |         | "     | 0.125                                     |    | 98.2 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.13               |         | "     | 0.125                                     |    | 101  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.12               |         | "     | 0.125                                     |    | 99.6 | 70-130 |  |  |  |

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Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0711 - EPA 5030 (soil)

| Matrix Spike Dup (B9H0711-MSD1)  | Source: Y908094-15 |         |       | Prepared: 08/07/2019 Analyzed: 08/07/2019 |    |      |        |      |    |  |
|----------------------------------|--------------------|---------|-------|---|----|------|--------|------|----|--|
| Benzene                          | 0.104              | 0.00200 | mg/kg | 0.100                                     | ND | 104  | 70-130 | 2.42 | 20 |  |
| Toluene                          | 0.105              | 0.00200 | "     | 0.100                                     | ND | 105  | 70-130 | 3.78 | 20 |  |
| Ethylbenzene                     | 0.105              | 0.00200 | "     | 0.100                                     | ND | 105  | 70-130 | 5.94 | 20 |  |
| m,p-Xylene                       | 0.206              | 0.00400 | "     | 0.200                                     | ND | 103  | 70-130 | 4.98 | 20 |  |
| o-Xylene                         | 0.103              | 0.00200 | "     | 0.100                                     | ND | 103  | 70-130 | 5.09 | 20 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12               |         | "     | 0.125                                     |    | 96.2 | 70-130 |      |    |  |
| Surrogate: Toluene-d8            | 0.13               |         | "     | 0.125                                     |    | 100  | 70-130 |      |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13               |         | "     | 0.125                                     |    | 100  | 70-130 |      |    |  |

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SRC Energy  
 5400 W 11th Street  
 Greely CO 80634

Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 |
|---------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch B9H0712 - EPA 3580</b> |        |                 |       |             |   |      |             |     |           |       |
| <b>Blank (B9H0712-BLK1)</b>     |        |                 |       |             |   |      |             |     |           |       |
|                                 |        |                 |       |             | Prepared: 08/07/2019 Analyzed: 08/07/2019 |      |             |     |           |       |
| Diesel (C10-C28)                | ND     | 50.0            | mg/kg |             |   |      |             |     |           | U     |
| Surrogate: o-Terphenyl          | 37     |                 | "     | 50.0        |   | 73.0 | 50-150      |     |           |       |

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Jen Pellegrini, Project Manager

SRC Energy  
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Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0712 - EPA 3580**

**LCS (B9H0712-BS1)**

Prepared: 08/07/2019 Analyzed: 08/07/2019

|                        |     |      |       |      |  |      |        |  |  |  |
|------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28)       | 899 | 50.0 | mg/kg | 1000 |  | 89.9 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl | 43  |      | "     | 50.0 |  | 85.9 | 50-150 |  |  |  |

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Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0712 - EPA 3580**

| <b>Matrix Spike (B9H0712-MS1)</b> | <b>Source: Y908094-15</b> |      |       | Prepared: 08/07/2019 Analyzed: 08/07/2019 |    |      |        |  |  |  |
|-----------------------------------|---------------------------|------|-------|---|----|------|--------|--|--|--|
| Diesel (C10-C28)                  | 888                       | 50.0 | mg/kg | 1000                                      | ND | 88.8 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl            | 40                        |      | "     | 50.0                                      |    | 79.7 | 50-150 |  |  |  |

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Dave Castro  
 Project Number: [none]  
 Project: Warren McMillen 2 Investigation

**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 B9H0712 - EPA 3580

| Matrix Spike Dup (B9H0712-MSD1) | Source: Y908094-15 |      |       | Prepared: 08/07/2019 Analyzed: 08/07/2019 |    |      |        |      |    |  |
|---------------------------------|--------------------|------|-------|---|----|------|--------|------|----|--|
| Diesel (C10-C28)                | 943                | 50.0 | mg/kg | 1000                                      | ND | 94.3 | 70-130 | 6.03 | 35 |  |
| Surrogate: o-Terphenyl          | 44                 |      | "     | 50.0                                      |    | 88.0 | 50-150 |      |    |  |

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Greely CO 80634

Dave Castro  
Project Number: [none]  
Project: Warren McMillen 2 Investigation

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**Notes and Definitions**

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jen Pellegrini, Project Manager