



October 16, 2023

Schneider Energy Services

Steve Robison

PO Box 297 14400 Hwy. 34

Fort Morgan CO 80701

Project Name - Schenk #1

Project Number - [none]

Attached are your analytical results for Schenk #1 received by Origins Laboratory, Inc. September 19, 2023. This project is associated with Origins project number Y309397-01.

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

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

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

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

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

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



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

Schneider Energy Services

PO Box 297 14400 Hwy. 34

Fort Morgan CO 80701

Steve Robison

Project Number: [none]

Project: Schenk #1

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|--------------------------|------------------|
| WH-SS-E@3' | Y309397-01 | Soil | September 18, 2023 11:17 | 09/19/2023 14:10 |
| WH-SS-N@3' | Y309397-02 | Soil | September 18, 2023 11:27 | 09/19/2023 14:10 |
| WH-SS-S@3' | Y309397-03 | Soil | September 18, 2023 11:40 | 09/19/2023 14:10 |
| WH-SS-W@3' | Y309397-04 | Soil | September 18, 2023 12:07 | 09/19/2023 14:10 |
| WH-SS-N@8' | Y309397-05 | Soil | September 18, 2023 12:15 | 09/19/2023 14:10 |
| WH-SS-S@8' | Y309397-06 | Soil | September 18, 2023 12:35 | 09/19/2023 14:10 |
| WH-SS-E@8' | Y309397-07 | Soil | September 18, 2023 12:48 | 09/19/2023 14:10 |
| WH-SS-W@8' | Y309397-08 | Soil | September 18, 2023 1:00 | 09/19/2023 14:10 |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

ORIGINS
LABORATORY, INC

www.originslaboratory.com

4309397

page of

Client: Rival Services/Schneider Energy
Address: 14400 15 Hwy 34
Fort Morgan CO 80701
Telephone Number: 970-778-1252
Email Address: Steve.Robison@originslab.com

Project Manager: Steve Robison
Project Name: Schenk #1
Project Number: —
Samples Collected By: Steve Robison

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

| Sample ID Description | Date Sampled | Time Sampled | # of Containers | Preservative | | | | Matrix | | | Analysis | | Sample Instructions |
|-----------------------|--------------|--------------|-----------------|--------------|-----|------------------|-------|-------------|------|----------------------|----------|--|------------------------|
| | | | | Unpreserved | HCl | HNO ₃ | Other | Groundwater | Soil | Air Summa Canister # | Other | | |
| WH-55-E031 | 9-18-23 | 1117 | 2 | | | | | | | | | | Full panel 915-1 Tbl 1 |
| WH-55-N031 | 9-18-23 | 1127 | 2 | | | | | | | | | | Full panel 915-1 Tbl 2 |
| WH-55-S031 | 9-18-23 | 1140 | 2 | | | | | | | | | | Full panel 915-1 Tbl 3 |
| WH-55-W031 | 9-18-23 | 1257 | 2 | | | | | | | | | | Full panel 915-1 Tbl 4 |
| WH-55-N081 | 9-18-23 | 1219 | 2 | | | | | | | | | | Full panel 915-1 Tbl 5 |
| WH-55-S081 | 9-18-23 | 1235 | 2 | | | | | | | | | | Full panel 915-1 Tbl 6 |
| WH-55-E081 | 9-18-23 | 1248 | 2 | | | | | | | | | | Full panel 915-1 Tbl 7 |
| WH-55-W081 | 9-18-23 | 0100 | | | | | | | | | | | Full panel 915-1 Tbl 8 |
| | | | | | | | | | | | | | 9 |
| | | | | | | | | | | | | | 10 |

Relinquished By: Steve Robison Date: 9-19-23 Time: 0810
Relinquished By: _____ Date: _____ Time: _____

Received By: UJ Date: 9/19/23 Time: 1410
Received By: _____ Date: _____ Time: _____

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard

Temp Received- 5 Date Results Needed

Origins Laboratory, Inc.

Jefe Pellegrini

Jen Pellegrini, Project Manager

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Schneider Energy Services

PO Box 297 14400 Hwy. 34

Fort Morgan CO 80701

Steve Robison

Project Number: [none]

Project: Schenk #1

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4309397

Client: Schneider

Client Project ID: Schenk #1

Checklist Completed by: EHS

Shipped Via: HD

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

Date/time completed: 9/19/23

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid

Water ☐ Other: ☐

Cooler Number/Temperature: 115 °C 1 °C 1 °C (Describe) °C

Thermometer ID: T004

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

Reviewed by (Project Manager) [Signature]

9/20/23
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@3'

9/18/2023 11:17:00AM

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

Origins Laboratory, Inc.
Y309397-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|------------|------------|--|
| Boron | 0.435 | 0.101 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|-------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/22/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

| | | | | | | | |
|------------------------|--------|--------|---|---|---|---|---|
| Surrogate: o-Terphenyl | 80.6 % | 50-150 | " | " | " | " | " |
|------------------------|--------|--------|---|---|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2031 | 09/20/2023 | 09/21/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|---|---|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 95.6 % | 70-130 | " | " | " | " | " |
|----------------------------------|--------|--------|---|---|---|---|---|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@3'

9/18/2023 11:17:00AM

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

Origins Laboratory, Inc.
Y309397-01 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|-------------|------------|------------|
| Surrogate: Toluene-d8 | 98.5 % | 70-130 | B3I203 1 | 09/20/2023 | 09/21/2023 |
| Surrogate: 4-Bromofluorobenzene | 94.1 % | 70-130 | " | " | " |

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 3.71 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | 1.97 | 0.823 | " | " | " | " | " |
| Sodium | 11.6 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|----|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | U |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@3'

9/18/2023 11:17:00AM

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

Origins Laboratory, Inc.
Y309397-01 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| Fluorene | ND | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | 0.002 | " | " | " | " | " | U |
| Phenanthrene | ND | 0.020 | " | " | " | " | " | U |
| Pyrene | ND | 0.020 | " | " | " | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 97.5 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 86.2 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 101 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.5 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.25 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 6.86 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 2.31 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@3'

9/18/2023 11:17:00AM

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

Origins Laboratory, Inc.
Y309397-01 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.46 | 0.0987 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 306 | 9.87 | " | " | " | " | " | |
| Cadmium | 0.260 | 0.0987 | " | " | " | " | " | |
| Copper | 11.5 | 9.87 | " | " | " | " | " | |
| Lead | 11.3 | 9.87 | " | " | " | " | " | |
| Nickel | 13.2 | 9.87 | " | " | " | " | " | |
| Selenium | 0.232 | 0.0987 | " | " | " | " | " | |
| Silver | ND | 0.0987 | " | " | " | " | " | U |
| Zinc | ND | 98.7 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@3'

9/18/2023 11:27:00AM

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

Origins Laboratory, Inc.
Y309397-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|------------|------------|--|
| Boron | 0.851 | 0.0984 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/22/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

| | | | | | | | |
|------------------------|--------|--------|---|---|---|---|---|
| Surrogate: o-Terphenyl | 89.7 % | 50-150 | " | " | " | " | " |
|------------------------|--------|--------|---|---|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/21/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|---|---|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 99.4 % | 70-130 | " | " | " | " | " |
|----------------------------------|--------|--------|---|---|---|---|---|

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PO Box 297 14400 Hwy. 34
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Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@3'

9/18/2023 11:27:00AM

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

Origins Laboratory, Inc.
Y309397-02 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|-------------|------------|------------|
| Surrogate: Toluene-d8 | 96.6 % | 70-130 | B3I205 8 | 09/20/2023 | 09/21/2023 |
| Surrogate: 4-Bromofluorobenzene | 96.5 % | 70-130 | " | " | " |

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|-------|-------|-------|----|--------|------------|------------|
| Calcium | 2.23 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | 0.949 | 0.823 | " | " | " | " | " |
| Sodium | 21.2 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|----|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | U |

Origins Laboratory, Inc.



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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@3'

9/18/2023 11:27:00AM

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

Origins Laboratory, Inc.
Y309397-02 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| Fluorene | ND | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | 0.002 | " | " | " | " | " | U |
| Phenanthrene | ND | 0.020 | " | " | " | " | " | U |
| Pyrene | ND | 0.020 | " | " | " | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 98.9 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 98.8 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 101 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 101 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.37 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 16.8 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 3.30 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@3'

9/18/2023 11:27:00AM

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

Origins Laboratory, Inc.
Y309397-02 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.57 | 0.0982 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 250 | 9.82 | " | " | " | " | " | |
| Cadmium | 0.254 | 0.0982 | " | " | " | " | " | |
| Copper | 11.2 | 9.82 | " | " | " | " | " | |
| Lead | 21.3 | 9.82 | " | " | " | " | " | |
| Nickel | 12.6 | 9.82 | " | " | " | " | " | |
| Selenium | 0.193 | 0.0982 | " | " | " | " | " | |
| Silver | ND | 0.0982 | " | " | " | " | " | U |
| Zinc | ND | 98.2 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@3'

9/18/2023 11:40:00AM

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

Origins Laboratory, Inc.
Y309397-03 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | |
|-------|-------|--------|------|---|---------|------------|------------|
| Boron | 0.894 | 0.0993 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 |
|-------|-------|--------|------|---|---------|------------|------------|

DRO/ORO by EPA 8015D

| | | | | | | | |
|-----------------------------------|------|------|-------|---|---------|------------|------------|
| Diesel (C10-C28) | 67.1 | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/22/2023 |
| Residual Range Organics (C28-C40) | 313 | 100 | " | " | " | " | " |

| | | | | | |
|------------------------|--------|--------|---|---|---|
| Surrogate: o-Terphenyl | 92.0 % | 50-150 | " | " | " |
|------------------------|--------|--------|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/21/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 97.6 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 97.9 % | 70-130 | " | " | " |

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@3'

9/18/2023 11:40:00AM

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

Origins Laboratory, Inc.
Y309397-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene 104 % 70-130 B3I205 8 09/20/2023 09/21/2023

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 4.54 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | 1.72 | 0.823 | " | " | " | " | " |
| Sodium | 26.0 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|-------|-------|-------|---|---------|------------|------------|---------|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/29/2023 | U |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.010 | " | 2 | " | " | 09/29/2023 | R-01, U |
| Benzo (a) pyrene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Benzo (b) fluoranthene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Benzo (g,h,i) perylene | 0.058 | 0.040 | " | " | " | " | " | R-01 |
| Benzo (k) fluoranthene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Chrysene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Dibenz (a,h) anthracene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Fluoranthene | ND | 0.020 | " | 1 | " | " | 09/29/2023 | U |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@3'

9/18/2023 11:40:00AM

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

Origins Laboratory, Inc.
Y309397-03 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|---------|
| Fluorene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/29/2023 | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.040 | " | 2 | " | " | 09/29/2023 | R-01, U |
| Naphthalene | ND | 0.002 | " | 1 | " | " | 09/29/2023 | U |
| Phenanthrene | ND | 0.020 | " | " | " | " | " | U |
| Pyrene | ND | 0.040 | " | 2 | " | " | 09/29/2023 | R-01, U |

| | | | | | |
|---------------------------------|--------|--------|---|---|------------|
| Surrogate: Fluorene-d10 | 93.7 % | 60-130 | " | " | 09/29/2023 |
| Surrogate: Anthracene-d10 | 103 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 120 % | 60-130 | " | " | 09/29/2023 |
| Surrogate: Benzo (a) pyrene-d12 | 104 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.14 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 14.7 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 4.29 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@3'

9/18/2023 11:40:00AM

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

Origins Laboratory, Inc.
Y309397-03 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.18 | 0.0941 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 212 | 9.41 | " | " | " | " | " | |
| Cadmium | 0.325 | 0.0941 | " | " | " | " | " | |
| Copper | 10.8 | 9.41 | " | " | " | " | " | |
| Lead | 18.7 | 9.41 | " | " | " | " | " | |
| Nickel | 12.8 | 9.41 | " | " | " | " | " | |
| Selenium | 0.301 | 0.0941 | " | " | " | " | " | |
| Silver | ND | 0.0941 | " | " | " | " | " | U |
| Zinc | ND | 94.1 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@3'

9/18/2023 12:07:00PM

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

Origins Laboratory, Inc.
Y309397-04 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|------------|------------|--|
| Boron | 0.252 | 0.100 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|-------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/22/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

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

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/21/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|---|---|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 96.3 % | 70-130 | " | " | " | " | " |
|----------------------------------|--------|--------|---|---|---|---|---|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@3'

9/18/2023 12:07:00PM

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

Origins Laboratory, Inc.
Y309397-04 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|-------------|------------|------------|
| Surrogate: Toluene-d8 | 93.7 % | 70-130 | B3I205 8 | 09/20/2023 | 09/21/2023 |
| Surrogate: 4-Bromofluorobenzene | 96.3 % | 70-130 | " | " | " |

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 1.08 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | ND | 0.823 | " | " | " | " | " |
| Sodium | 3.50 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|----|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | U |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@3'

9/18/2023 12:07:00PM

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

Origins Laboratory, Inc. Y309397-04 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| Fluorene | ND | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | 0.002 | " | " | " | " | " | U |
| Phenanthrene | ND | 0.020 | " | " | " | " | " | U |
| Pyrene | ND | 0.020 | " | " | " | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 99.6 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 102 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 90.4 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 96.5 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.38 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 3.79 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 0.805 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|-------|---------|----------|---|---------|------------|------------|

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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@3'

9/18/2023 12:07:00PM

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

Origins Laboratory, Inc.
Y309397-04 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.54 | 0.0901 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 265 | 9.01 | " | " | " | " | " | |
| Cadmium | 0.222 | 0.0901 | " | " | " | " | " | |
| Copper | 11.0 | 9.01 | " | " | " | " | " | |
| Lead | 9.85 | 9.01 | " | " | " | " | " | |
| Nickel | 12.3 | 9.01 | " | " | " | " | " | |
| Selenium | 0.265 | 0.0901 | " | " | " | " | " | |
| Silver | ND | 0.0901 | " | " | " | " | " | U |
| Zinc | ND | 90.1 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@8'

9/18/2023 12:19:00PM

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

Origins Laboratory, Inc.
Y309397-05 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|------------|------------|--|
| Boron | 0.210 | 0.0998 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/25/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

| | | | | | | | |
|------------------------|--------|--------|--|--|---|---|---|
| Surrogate: o-Terphenyl | 91.8 % | 50-150 | | | " | " | " |
|------------------------|--------|--------|--|--|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/21/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 97.4 % | 70-130 | | | " | " | " |
|----------------------------------|--------|--------|--|--|---|---|---|

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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@8'

9/18/2023 12:19:00PM

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

Origins Laboratory, Inc.
Y309397-05 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|---------|------------|------------|
| Surrogate: Toluene-d8 | 96.6 % | 70-130 | B3I2058 | 09/20/2023 | 09/21/2023 |
| Surrogate: 4-Bromofluorobenzene | 95.7 % | 70-130 | " | " | " |

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 2.20 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | ND | 0.823 | " | " | " | " | " |
| Sodium | 2.24 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|----|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | U |

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Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@8'

9/18/2023 12:19:00PM

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

Origins Laboratory, Inc.
Y309397-05 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| Fluorene | ND | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | 0.002 | " | " | " | " | " | U |
| Phenanthrene | ND | 0.020 | " | " | " | " | " | U |
| Pyrene | ND | 0.020 | " | " | " | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 99.9 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 99.4 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 91.1 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.9 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.28 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 1.83 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 0.747 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|-------|---------|----------|---|---------|------------|------------|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-N@8'

9/18/2023 12:19:00PM

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

Origins Laboratory, Inc.
Y309397-05 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.65 | 0.0954 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 221 | 9.54 | " | " | " | " | " | |
| Cadmium | 0.241 | 0.0954 | " | " | " | " | " | |
| Copper | 11.8 | 9.54 | " | " | " | " | " | |
| Lead | 10.9 | 9.54 | " | " | " | " | " | |
| Nickel | 13.7 | 9.54 | " | " | " | " | " | |
| Selenium | 0.196 | 0.0954 | " | " | " | " | " | |
| Silver | ND | 0.0954 | " | " | " | " | " | U |
| Zinc | ND | 95.4 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@8'

9/18/2023 12:35:00PM

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

Origins Laboratory, Inc.
Y309397-06 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|------------|------------|--|
| Boron | 0.313 | 0.101 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|-------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/25/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

| | | | | | |
|------------------------|--------|--------|---|---|---|
| Surrogate: o-Terphenyl | 91.1 % | 50-150 | " | " | " |
|------------------------|--------|--------|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/21/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | |
|----------------------------------|-------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | " | " | " |
|----------------------------------|-------|--------|---|---|---|

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@8'

9/18/2023 12:35:00PM

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

Origins Laboratory, Inc.
Y309397-06 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|-------------|------------|------------|
| Surrogate: Toluene-d8 | 96.9 % | 70-130 | B3I205 8 | 09/20/2023 | 09/21/2023 |
| Surrogate: 4-Bromofluorobenzene | 94.1 % | 70-130 | " | " | " |

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 5.92 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | 2.24 | 0.823 | " | " | " | " | " |
| Sodium | 10.3 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | |
|-------------------------|-------|-------|-------|---|---------|------------|------------|
| 1-Methylnaphthalene | 0.026 | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/29/2023 |
| 2-Methylnaphthalene | 0.011 | 0.002 | " | " | " | " | " |
| Acenaphthene | 0.055 | 0.020 | " | " | " | " | " |
| Anthracene | ND | 0.020 | " | " | " | " | " U |
| Benzo (a) anthracene | 0.006 | 0.005 | " | " | " | " | " |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " U |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " U |
| Benzo (g,h,i) perylene | 0.085 | 0.020 | " | " | " | " | " |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " U |
| Chrysene | 0.033 | 0.020 | " | " | " | " | " |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " U |
| Fluoranthene | ND | 0.020 | " | " | " | " | " U |

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Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@8'

9/18/2023 12:35:00PM

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

Origins Laboratory, Inc.
Y309397-06 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|-------|-------|-------|---|---------|------------|------------|---|
| Fluorene | 0.039 | 0.020 | mg/kg | 1 | B312041 | 09/20/2023 | 09/29/2023 | |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | 0.002 | " | " | " | " | " | U |
| Phenanthrene | 0.071 | 0.020 | " | " | " | " | " | |
| Pyrene | 0.023 | 0.020 | " | " | " | " | " | |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 97.0 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 106 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 65.3 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 95.4 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.18 | pH Units | 1 | B312218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 5.10 | 0.0100 | SAR | 1 | B312212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 2.51 | 0.00500 | mmhos/cm | 1 | B312218 | 09/22/2023 | 09/23/2023 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

Origins Laboratory, Inc.



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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-S@8'

9/18/2023 12:35:00PM

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

Origins Laboratory, Inc.
Y309397-06 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.25 | 0.0969 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 269 | 9.69 | " | " | " | " | " | |
| Cadmium | 0.252 | 0.0969 | " | " | " | " | " | |
| Copper | 11.0 | 9.69 | " | " | " | " | " | |
| Lead | 17.6 | 9.69 | " | " | " | " | " | |
| Nickel | 12.8 | 9.69 | " | " | " | " | " | |
| Selenium | 0.165 | 0.0969 | " | " | " | " | " | |
| Silver | ND | 0.0969 | " | " | " | " | " | U |
| Zinc | ND | 96.9 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@8'

9/18/2023 12:48:00PM

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

Origins Laboratory, Inc.
Y309397-07 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|------------|------------|--|
| Boron | 0.676 | 0.101 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|-------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|------|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | 33.4 | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/25/2023 | |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

| | | | | | | | | |
|------------------------|--------|--------|---|---|---|---|---|--|
| Surrogate: o-Terphenyl | 94.8 % | 50-150 | " | " | " | " | " | |
|------------------------|--------|--------|---|---|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/22/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | | | | |
|----------------------------------|--------|--------|---|---|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 99.9 % | 70-130 | " | " | " | " | " | |
| Surrogate: Toluene-d8 | 97.6 % | 70-130 | " | " | " | " | " | |

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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@8'

9/18/2023 12:48:00PM

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

Origins Laboratory, Inc.
Y309397-07 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|-------------|------------|------------|
| Surrogate: 4-Bromofluorobenzene | 95.1 % | 70-130 | B3I205 8 | 09/20/2023 | 09/22/2023 |
|---------------------------------|--------|--------|-------------|------------|------------|

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 2.12 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | ND | 0.823 | " | " | " | " | " |
| Sodium | 8.92 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|-------|-------|-------|---|---------|------------|------------|---------|
| 1-Methylnaphthalene | 0.010 | 0.002 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/29/2023 | |
| 2-Methylnaphthalene | 0.009 | 0.002 | " | " | " | " | " | |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.010 | " | 2 | " | " | 09/29/2023 | R-01, U |
| Benzo (a) pyrene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Benzo (b) fluoranthene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Benzo (g,h,i) perylene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Benzo (k) fluoranthene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Chrysene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Dibenz (a,h) anthracene | ND | 0.040 | " | " | " | " | " | R-01, U |
| Fluoranthene | ND | 0.020 | " | 1 | " | " | 09/29/2023 | U |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@8'

9/18/2023 12:48:00PM

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

Origins Laboratory, Inc.
Y309397-07 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|-------|-------|-------|---|---------|------------|------------|---------|
| Fluorene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/29/2023 | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.040 | " | 2 | " | " | 09/29/2023 | R-01, U |
| Naphthalene | ND | 0.002 | " | 1 | " | " | 09/29/2023 | U |
| Phenanthrene | 0.035 | 0.020 | " | " | " | " | " | |
| Pyrene | ND | 0.040 | " | 2 | " | " | 09/29/2023 | R-01, U |

| | | | | | |
|---------------------------------|--------|--------|---|---|------------|
| Surrogate: Fluorene-d10 | 96.6 % | 60-130 | " | " | 09/29/2023 |
| Surrogate: Anthracene-d10 | 100 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 109 % | 60-130 | " | " | 09/29/2023 |
| Surrogate: Benzo (a) pyrene-d12 | 103 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.26 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 7.36 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 1.69 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-E@8'

9/18/2023 12:48:00PM

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

Origins Laboratory, Inc.
Y309397-07 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.36 | 0.0932 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 240 | 9.32 | " | " | " | " | " | |
| Cadmium | 0.314 | 0.0932 | " | " | " | " | " | |
| Copper | 13.3 | 9.32 | " | " | " | " | " | |
| Lead | 15.2 | 9.32 | " | " | " | " | " | |
| Nickel | 12.7 | 9.32 | " | " | " | " | " | |
| Selenium | 0.208 | 0.0932 | " | " | " | " | " | |
| Silver | ND | 0.0932 | " | " | " | " | " | U |
| Zinc | ND | 93.2 | " | " | " | " | " | U |

Total Metals by 7196A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710717 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@8'
9/18/2023 1:00:00AM

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

Origins Laboratory, Inc.
Y309397-08 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|-------|------|---|---------|------------|------------|--|
| Boron | 0.370 | 0.100 | mg/L | 1 | B3I2114 | 09/21/2023 | 09/22/2023 | |
|-------|-------|-------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B3I2001 | 09/20/2023 | 09/25/2023 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

| | | | | | | | |
|------------------------|--------|--------|---|---|---|---|---|
| Surrogate: o-Terphenyl | 89.7 % | 50-150 | " | " | " | " | " |
|------------------------|--------|--------|---|---|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|----|---------|-------|---|---------|------------|------------|---|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B3I2058 | 09/20/2023 | 09/22/2023 | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Benzene | ND | 0.00200 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | U |
| Toluene | ND | 0.00200 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | " | " | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|---|---|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 97.2 % | 70-130 | " | " | " | " | " |
|----------------------------------|--------|--------|---|---|---|---|---|

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Jen Pellegrini, Project Manager

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@8'

9/18/2023 1:00:00AM

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

Origins Laboratory, Inc. Y309397-08 (Soil)

GBTEX+TMBs by 8260D

| | | | | | |
|---------------------------------|--------|--------|---------|------------|------------|
| Surrogate: Toluene-d8 | 97.2 % | 70-130 | B312058 | 09/20/2023 | 09/22/2023 |
| Surrogate: 4-Bromofluorobenzene | 93.3 % | 70-130 | " | " | " |

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|-------|-------|-------|----|--------|------------|------------|
| Calcium | 0.837 | 0.499 | meq/L | 10 | [CALC] | 09/22/2023 | 09/28/2023 |
| Magnesium | ND | 0.823 | " | " | " | " | " |
| Sodium | 9.07 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|----|-------|-------|---|---------|------------|------------|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | 1 | B312041 | 09/20/2023 | 09/28/2023 | U |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | U |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | U |
| Anthracene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | U |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (g,h,i) perylene | ND | 0.020 | " | " | " | " | " | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | U |
| Chrysene | ND | 0.020 | " | " | " | " | " | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | U |

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Schneider Energy Services
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Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@8'

9/18/2023 1:00:00AM

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

Origins Laboratory, Inc. Y309397-08 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|---|
| Fluoranthene | ND | 0.020 | mg/kg | 1 | B3I2041 | 09/20/2023 | 09/28/2023 | U |
| Fluorene | ND | 0.020 | " | " | " | " | " | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | U |
| Naphthalene | ND | 0.002 | " | " | " | " | " | U |
| Phenanthrene | ND | 0.020 | " | " | " | " | " | U |
| Pyrene | ND | 0.020 | " | " | " | " | " | U |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 96.3 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 95.7 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 92.6 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 99.4 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.48 | pH Units | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 11.9 | 0.0100 | SAR | 1 | B3I2212 | 09/22/2023 | 09/28/2023 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 1.31 | 0.00500 | mmhos/cm | 1 | B3I2218 | 09/22/2023 | 09/23/2023 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

WH-SS-W@8'

9/18/2023 1:00:00AM

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

Origins Laboratory, Inc. Y309397-08 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|---|
| Arsenic | 5.41 | 0.0864 | mg/kg | 10 | B312030 | 09/20/2023 | 09/21/2023 | |
| Barium | 243 | 8.64 | " | " | " | " | " | |
| Cadmium | 0.240 | 0.0864 | " | " | " | " | " | |
| Copper | 11.2 | 8.64 | " | " | " | " | " | |
| Lead | 10.5 | 8.64 | " | " | " | " | " | |
| Nickel | 12.9 | 8.64 | " | " | " | " | " | |
| Selenium | 0.175 | 0.0864 | " | " | " | " | " | |
| Silver | ND | 0.0864 | " | " | " | " | " | U |
| Zinc | ND | 86.4 | " | " | " | " | " | U |

Total Metals by 7196 A

| | | | | | | | | |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|
| Chromium, Hexavalent | ND | 0.244 | 0.5 | mg/Kg | 1 | L710716 | 09/18/2023 | 10/13/2023 |
|----------------------|----|-------|-----|-------|---|---------|------------|------------|

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Schneider Energy Services

PO Box 297 14400 Hwy. 34

Fort Morgan CO 80701

Steve Robison

Project Number: [none]

Project: Schenk #1

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 B3I2001 - EPA 3550B | | | | | | | | | | |
| Blank (B3I2001-BLK1) | | | | | Prepared: 09/20/2023 Analyzed: 09/22/2023 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 26 | | " | 24.9 | | 104 | 50-150 | | | |

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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2001 - EPA 3550B

LCS (B3I2001-BS1)

Prepared: 09/20/2023 Analyzed: 09/22/2023

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 961 | 50.0 | mg/kg | 1000 | | 96.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 886 | 200 | " | 1000 | | 88.6 | 70-130 | | | |
| Surrogate: o-Terphenyl | 58 | | " | 49.8 | | 116 | 50-150 | | | |

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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2001 - EPA 3550B

| Matrix Spike (B3I2001-MS1) | | Source: Y309391-02 | | | Prepared: 09/20/2023 Analyzed: 09/22/2023 | | | | | |
|-----------------------------------|-----|--------------------|-------|------|---|------|--------|--|--|--|
| Diesel (C10-C28) | 925 | 50.0 | mg/kg | 1000 | ND | 92.5 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 872 | 200 | " | 1000 | ND | 87.2 | 70-130 | | | |
| Surrogate: o-Terphenyl | 53 | | " | 49.8 | | 106 | 50-150 | | | |

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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2001 - EPA 3550B | | | | | | | | | | |
| Matrix Spike Dup (B3I2001-MSD1) | | Source: Y309391-02 | | | Prepared: 09/20/2023 Analyzed: 09/22/2023 | | | | | |
| Diesel (C10-C28) | 1010 | 50.0 | mg/kg | 1000 | ND | 101 | 70-130 | 8.72 | 35 | |
| Residual Range Organics (C28-C40) | 945 | 200 | " | 1000 | ND | 94.5 | 70-130 | 8.09 | 35 | |
| Surrogate: o-Terphenyl | 46 | | " | 49.8 | | 92.3 | 50-150 | | | |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2031 - EPA 5030 (soil) | | | | | | | | | | |
| Blank (B3I2031-BLK1) | | | | | Prepared: 09/20/2023 Analyzed: 09/20/2023 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Benzene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Naphthalene | ND | 0.00380 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 98.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 97.7 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 95.5 | 70-130 | | | |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2031 - EPA 5030 (soil) | | | | | | | | | | |
| LCS (B3I2031-BS1) | | | | | Prepared: 09/20/2023 Analyzed: 09/20/2023 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0900 | 0.00200 | mg/kg | 0.100 | | 90.0 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0882 | 0.00200 | " | 0.100 | | 88.2 | 70-130 | | | |
| Benzene | 0.0810 | 0.00200 | " | 0.100 | | 81.0 | 70-130 | | | |
| Ethylbenzene | 0.0815 | 0.00200 | " | 0.100 | | 81.5 | 70-130 | | | |
| Naphthalene | 0.0865 | 0.00380 | " | 0.100 | | 86.5 | 70-130 | | | |
| Toluene | 0.0835 | 0.00200 | " | 0.100 | | 83.5 | 70-130 | | | |
| o-Xylene | 0.0820 | 0.00200 | " | 0.100 | | 82.0 | 70-130 | | | |
| m,p-Xylene | 0.169 | 0.00400 | " | 0.200 | | 84.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.1 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 95.7 | 70-130 | | | |

Origins Laboratory, Inc.



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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2031 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike (B3I2031-MS1) | | Source: Y309356-01 | | | Prepared: 09/20/2023 Analyzed: 09/20/2023 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0862 | 0.00200 | mg/kg | 0.100 | ND | 86.2 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0852 | 0.00200 | " | 0.100 | ND | 85.2 | 70-130 | | | |
| Benzene | 0.0791 | 0.00200 | " | 0.100 | ND | 79.1 | 70-130 | | | |
| Ethylbenzene | 0.0795 | 0.00200 | " | 0.100 | ND | 79.5 | 70-130 | | | |
| Naphthalene | 0.0834 | 0.00380 | " | 0.100 | ND | 83.4 | 70-130 | | | |
| Toluene | 0.0811 | 0.00200 | " | 0.100 | ND | 81.1 | 70-130 | | | |
| o-Xylene | 0.0791 | 0.00200 | " | 0.100 | ND | 79.1 | 70-130 | | | |
| m,p-Xylene | 0.164 | 0.00400 | " | 0.200 | ND | 81.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 99.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 95.7 | 70-130 | | | |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2031 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike Dup (B3I2031-MSD1) | | Source: Y309356-01 | | | Prepared: 09/20/2023 Analyzed: 09/20/2023 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0853 | 0.00200 | mg/kg | 0.100 | ND | 85.3 | 70-130 | 0.980 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0841 | 0.00200 | " | 0.100 | ND | 84.1 | 70-130 | 1.32 | 20 | |
| Benzene | 0.0793 | 0.00200 | " | 0.100 | ND | 79.3 | 70-130 | 0.177 | 20 | |
| Ethylbenzene | 0.0778 | 0.00200 | " | 0.100 | ND | 77.8 | 70-130 | 2.11 | 20 | |
| Naphthalene | 0.0844 | 0.00380 | " | 0.100 | ND | 84.4 | 70-130 | 1.17 | 20 | |
| Toluene | 0.0802 | 0.00200 | " | 0.100 | ND | 80.2 | 70-130 | 1.12 | 20 | |
| o-Xylene | 0.0780 | 0.00200 | " | 0.100 | ND | 78.0 | 70-130 | 1.48 | 20 | |
| m,p-Xylene | 0.161 | 0.00400 | " | 0.200 | ND | 80.7 | 70-130 | 1.48 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 94.8 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 95.8 | 70-130 | | | |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2058 - EPA 5030 (soil) | | | | | | | | | | |
| Blank (B3I2058-BLK1) | | | | | Prepared: 09/20/2023 Analyzed: 09/21/2023 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | U |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Benzene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Naphthalene | ND | 0.00380 | " | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 96.9 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 92.7 | 70-130 | | | |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2058 - EPA 5030 (soil) | | | | | | | | | | |
| LCS (B3I2058-BS1) | | | | | Prepared: 09/20/2023 Analyzed: 09/21/2023 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0877 | 0.00200 | mg/kg | 0.100 | | 87.7 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0880 | 0.00200 | " | 0.100 | | 88.0 | 70-130 | | | |
| Benzene | 0.0800 | 0.00200 | " | 0.100 | | 80.0 | 70-130 | | | |
| Ethylbenzene | 0.0814 | 0.00200 | " | 0.100 | | 81.4 | 70-130 | | | |
| Naphthalene | 0.0822 | 0.00380 | " | 0.100 | | 82.2 | 70-130 | | | |
| Toluene | 0.0841 | 0.00200 | " | 0.100 | | 84.1 | 70-130 | | | |
| o-Xylene | 0.0813 | 0.00200 | " | 0.100 | | 81.3 | 70-130 | | | |
| m,p-Xylene | 0.166 | 0.00400 | " | 0.200 | | 83.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 94.5 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 99.4 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 93.9 | 70-130 | | | |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2058 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike (B3I2058-MS1) | | Source: Y309397-02 | | | Prepared: 09/20/2023 Analyzed: 09/21/2023 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0859 | 0.00200 | mg/kg | 0.100 | ND | 85.9 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0857 | 0.00200 | " | 0.100 | ND | 85.7 | 70-130 | | | |
| Benzene | 0.0816 | 0.00200 | " | 0.100 | ND | 81.6 | 70-130 | | | |
| Ethylbenzene | 0.0844 | 0.00200 | " | 0.100 | ND | 84.4 | 70-130 | | | |
| Naphthalene | 0.0834 | 0.00380 | " | 0.100 | ND | 83.4 | 70-130 | | | |
| Toluene | 0.0841 | 0.00200 | " | 0.100 | ND | 84.1 | 70-130 | | | |
| o-Xylene | 0.0857 | 0.00200 | " | 0.100 | ND | 85.7 | 70-130 | | | |
| m,p-Xylene | 0.173 | 0.00400 | " | 0.200 | ND | 86.5 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 95.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 99.2 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 99.8 | 70-130 | | | |

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Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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 B3I2058 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike Dup (B3I2058-MSD1) | | Source: Y309397-02 | | | Prepared: 09/20/2023 Analyzed: 09/21/2023 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0828 | 0.00200 | mg/kg | 0.100 | ND | 82.8 | 70-130 | 3.65 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0822 | 0.00200 | " | 0.100 | ND | 82.2 | 70-130 | 4.19 | 20 | |
| Benzene | 0.0818 | 0.00200 | " | 0.100 | ND | 81.8 | 70-130 | 0.171 | 20 | |
| Ethylbenzene | 0.0811 | 0.00200 | " | 0.100 | ND | 81.1 | 70-130 | 3.99 | 20 | |
| Naphthalene | 0.0854 | 0.00380 | " | 0.100 | ND | 85.4 | 70-130 | 2.42 | 20 | |
| Toluene | 0.0833 | 0.00200 | " | 0.100 | ND | 83.3 | 70-130 | 0.908 | 20 | |
| o-Xylene | 0.0817 | 0.00200 | " | 0.100 | ND | 81.7 | 70-130 | 4.78 | 20 | |
| m,p-Xylene | 0.165 | 0.00400 | " | 0.200 | ND | 82.6 | 70-130 | 4.67 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 96.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 98.0 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 97.7 | 70-130 | | | |

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Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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

Origins Laboratory, Inc.

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

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

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

Batch B3I2030 - EPA 3050B

Blank (B3I2030-BLK1)

Prepared: 09/20/2023 Analyzed: 09/21/2023

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

LCS (B3I2030-BS1)

Prepared: 09/20/2023 Analyzed: 09/21/2023

| | | | | | | | |
|----------|--------|----------|-------|--------|--|------|--------|
| Arsenic | 0.0529 | 0.000100 | mg/kg | 0.0500 | | 106 | 80-120 |
| Barium | 5.09 | 0.0100 | " | 5.00 | | 102 | 80-120 |
| Cadmium | 0.0527 | 0.000100 | " | 0.0500 | | 105 | 80-120 |
| Copper | 0.517 | 0.0100 | " | 0.500 | | 103 | 80-120 |
| Lead | 0.0528 | 0.0100 | " | 0.0500 | | 106 | 80-120 |
| Nickel | 0.0487 | 0.0100 | " | 0.0500 | | 97.4 | 80-120 |
| Selenium | 0.0520 | 0.000100 | " | 0.0500 | | 104 | 80-120 |
| Silver | 0.0543 | 0.000100 | " | 0.0500 | | 109 | 80-120 |
| Zinc | 0.499 | 0.100 | " | 0.500 | | 99.7 | 80-120 |

Matrix Spike (B3I2030-MS1)

Source: Y309397-01

Prepared: 09/20/2023 Analyzed: 09/21/2023

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|-------|-------------|---|------|-------------|------|-----------|----------|
| Batch B3I2030 - EPA 3050B | | | | | | | | | | |
| Matrix Spike (B3I2030-MS1) | | Source: Y309397-01 | | | Prepared: 09/20/2023 Analyzed: 09/21/2023 | | | | | |
| Arsenic | 8.61 | 0.0926 | mg/kg | 4.63 | 5.46 | 68.1 | 75-125 | | | QM-07 |
| Barium | 605 | 9.26 | " | 463 | 306 | 64.5 | 75-125 | | | QM-07 |
| Cadmium | 3.58 | 0.0926 | " | 4.63 | 0.260 | 71.7 | 75-125 | | | QM-07 |
| Copper | 43.6 | 9.26 | " | 46.3 | 11.5 | 69.4 | 75-125 | | | QM-07 |
| Lead | 14.6 | 9.26 | " | 4.63 | 11.3 | 72.1 | 75-125 | | | QM-07 |
| Nickel | 16.0 | 9.26 | " | 4.63 | 13.2 | 58.7 | 75-125 | | | QM-07 |
| Selenium | 3.35 | 0.0926 | " | 4.63 | 0.232 | 67.4 | 75-125 | | | QM-07 |
| Silver | 3.47 | 0.0926 | " | 4.63 | 0.0424 | 74.0 | 75-125 | | | QM-07 |
| Zinc | 79.1 | 92.6 | " | 46.3 | 47.1 | 69.2 | 75-125 | | | QM-07, U |
| Matrix Spike Dup (B3I2030-MSD1) | | Source: Y309397-01 | | | Prepared: 09/20/2023 Analyzed: 09/21/2023 | | | | | |
| Arsenic | 10.2 | 0.0969 | mg/kg | 4.84 | 5.46 | 97.5 | 75-125 | 16.7 | 20 | |
| Barium | 747 | 9.69 | " | 484 | 306 | 91.1 | 75-125 | 21.1 | 20 | QM-07 |
| Cadmium | 5.16 | 0.0969 | " | 4.84 | 0.260 | 101 | 75-125 | 36.1 | 20 | QM-07 |
| Copper | 58.2 | 9.69 | " | 48.4 | 11.5 | 96.3 | 75-125 | 28.5 | 20 | QM-07 |
| Lead | 16.6 | 9.69 | " | 4.84 | 11.3 | 110 | 75-125 | 12.9 | 20 | |
| Nickel | 17.3 | 9.69 | " | 4.84 | 13.2 | 83.9 | 75-125 | 8.07 | 20 | |
| Selenium | 5.10 | 0.0969 | " | 4.84 | 0.232 | 101 | 75-125 | 41.4 | 20 | QM-07 |
| Silver | 5.01 | 0.0969 | " | 4.84 | 0.0424 | 103 | 75-125 | 36.4 | 20 | QM-07 |
| Zinc | 93.1 | 96.9 | " | 48.4 | 47.1 | 95.0 | 75-125 | 16.2 | 20 | U |

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Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3I2041 - EPA 3580

Blank (B3I2041-BLK1)

Prepared: 09/20/2023 Analyzed: 09/28/2023

| | | | | | | | | | | |
|--------------------------|----|-------|-------|--|--|--|--|--|--|---|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | | | | | | | U |
| 2-Methylnaphthalene | ND | 0.002 | " | | | | | | | U |
| Acenaphthene | ND | 0.020 | " | | | | | | | U |
| Anthracene | ND | 0.020 | " | | | | | | | U |
| Benzo (a) anthracene | ND | 0.005 | " | | | | | | | U |
| Benzo (a) pyrene | ND | 0.020 | " | | | | | | | U |
| Benzo (b) fluoranthene | ND | 0.020 | " | | | | | | | U |
| Benzo (k) fluoranthene | ND | 0.020 | " | | | | | | | U |
| Chrysene | ND | 0.020 | " | | | | | | | U |
| Dibenz (a,h) anthracene | ND | 0.020 | " | | | | | | | U |
| Fluoranthene | ND | 0.020 | " | | | | | | | U |
| Fluorene | ND | 0.020 | " | | | | | | | U |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | | | | | | | U |
| Naphthalene | ND | 0.002 | " | | | | | | | U |
| Pyrene | ND | 0.020 | " | | | | | | | U |

| | | | | | | | |
|---------------------------------|-----|--|-------|-----|--|------|--------|
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 100 | 60-130 |
| Surrogate: Anthracene-d10 | 210 | | " | 200 | | 107 | 60-130 |
| Surrogate: Pyrene-d10 | 180 | | " | 200 | | 91.9 | 60-130 |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 101 | 60-130 |

LCS (B3I2041-BS1)

Prepared: 09/20/2023 Analyzed: 09/28/2023

| | | | | | | | |
|----------------------|-------|-------|-------|-------|--|------|--------|
| 1-Methylnaphthalene | 0.211 | 0.002 | mg/kg | 0.200 | | 105 | 70-130 |
| 2-Methylnaphthalene | 0.204 | 0.002 | " | 0.200 | | 102 | 70-130 |
| Acenaphthene | 0.180 | 0.020 | " | 0.200 | | 90.1 | 70-130 |
| Anthracene | 0.177 | 0.020 | " | 0.200 | | 88.6 | 70-130 |
| Benzo (a) anthracene | 0.163 | 0.005 | " | 0.200 | | 81.3 | 70-130 |
| Benzo (a) pyrene | 0.162 | 0.020 | " | 0.200 | | 81.2 | 70-130 |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3I2041 - EPA 3580

LCS (B3I2041-BS1)

Prepared: 09/20/2023 Analyzed: 09/28/2023

| | | | | | | | |
|--------------------------|-------|-------|-------|-------|--|------|--------|
| Benzo (b) fluoranthene | 0.164 | 0.020 | mg/kg | 0.200 | | 82.2 | 70-130 |
| Benzo (k) fluoranthene | 0.161 | 0.020 | " | 0.200 | | 80.6 | 70-130 |
| Chrysene | 0.186 | 0.020 | " | 0.200 | | 92.8 | 70-130 |
| Dibenz (a,h) anthracene | 0.172 | 0.020 | " | 0.200 | | 86.1 | 70-130 |
| Fluoranthene | 0.174 | 0.020 | " | 0.200 | | 87.2 | 70-130 |
| Fluorene | 0.182 | 0.020 | " | 0.200 | | 91.2 | 70-130 |
| Indeno (1,2,3-cd) pyrene | 0.170 | 0.020 | " | 0.200 | | 85.1 | 70-130 |
| Naphthalene | 0.203 | 0.002 | " | 0.200 | | 102 | 70-130 |
| Pyrene | 0.157 | 0.020 | " | 0.200 | | 78.6 | 70-130 |

| | | | | | | | |
|---------------------------------|-----|--|-------|-----|--|------|--------|
| Surrogate: Fluorene-d10 | 180 | | ug/kg | 200 | | 89.1 | 60-130 |
| Surrogate: Anthracene-d10 | 180 | | " | 200 | | 89.9 | 60-130 |
| Surrogate: Pyrene-d10 | 150 | | " | 200 | | 75.8 | 60-130 |
| Surrogate: Benzo (a) pyrene-d12 | 160 | | " | 200 | | 81.2 | 60-130 |

Matrix Spike (B3I2041-MS1)

Source: Y309391-02

Prepared: 09/20/2023 Analyzed: 09/28/2023

| | | | | | | | |
|-------------------------|-------|-------|-------|-------|-------|------|--------|
| 1-Methylnaphthalene | 0.213 | 0.008 | mg/kg | 0.200 | ND | 107 | 70-130 |
| 2-Methylnaphthalene | 0.212 | 0.008 | " | 0.200 | ND | 106 | 70-130 |
| Acenaphthene | 0.202 | 0.080 | " | 0.200 | ND | 101 | 70-130 |
| Anthracene | 0.209 | 0.080 | " | 0.200 | 0.003 | 103 | 70-130 |
| Benzo (a) anthracene | 0.185 | 0.020 | " | 0.200 | 0.005 | 90.0 | 70-130 |
| Benzo (a) pyrene | 0.209 | 0.080 | " | 0.200 | 0.014 | 97.7 | 70-130 |
| Benzo (b) fluoranthene | 0.200 | 0.080 | " | 0.200 | 0.013 | 93.2 | 70-130 |
| Benzo (k) fluoranthene | 0.208 | 0.080 | " | 0.200 | 0.007 | 101 | 70-130 |
| Chrysene | 0.218 | 0.080 | " | 0.200 | 0.011 | 104 | 70-130 |
| Dibenz (a,h) anthracene | 0.206 | 0.080 | " | 0.200 | ND | 103 | 70-130 |
| Fluoranthene | 0.199 | 0.080 | " | 0.200 | 0.006 | 96.2 | 70-130 |
| Fluorene | 0.206 | 0.080 | " | 0.200 | ND | 103 | 70-130 |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3I2041 - EPA 3580

| Matrix Spike (B3I2041-MS1) | | Source: Y309391-02 | | | Prepared: 09/20/2023 Analyzed: 09/28/2023 | | | | | |
|---------------------------------|-------|--------------------|-------|-------|---|------|--------|--|--|--|
| Indeno (1,2,3-cd) pyrene | 0.195 | 0.080 | mg/kg | 0.200 | 0.012 | 91.8 | 70-130 | | | |
| Naphthalene | 0.212 | 0.008 | " | 0.200 | ND | 106 | 70-130 | | | |
| Pyrene | 0.207 | 0.080 | " | 0.200 | 0.010 | 98.6 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 190 | | ug/kg | 200 | | 96.8 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 200 | | " | 200 | | 100 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 180 | | " | 200 | | 90.1 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 200 | | " | 200 | | 98.0 | 60-130 | | | |

| Matrix Spike Dup (B3I2041-MSD1) | | Source: Y309391-02 | | | Prepared: 09/20/2023 Analyzed: 09/28/2023 | | | | | |
|---------------------------------|-------|--------------------|-------|-------|---|------|--------|------|----|--|
| 1-Methylnaphthalene | 0.210 | 0.008 | mg/kg | 0.200 | ND | 105 | 70-130 | 1.40 | 20 | |
| 2-Methylnaphthalene | 0.204 | 0.008 | " | 0.200 | ND | 102 | 70-130 | 4.10 | 20 | |
| Acenaphthene | 0.195 | 0.080 | " | 0.200 | ND | 97.3 | 70-130 | 3.60 | 20 | |
| Anthracene | 0.217 | 0.080 | " | 0.200 | 0.003 | 107 | 70-130 | 3.79 | 20 | |
| Benzo (a) anthracene | 0.183 | 0.020 | " | 0.200 | 0.005 | 88.7 | 70-130 | 1.49 | 20 | |
| Benzo (a) pyrene | 0.199 | 0.080 | " | 0.200 | 0.014 | 92.6 | 70-130 | 5.06 | 20 | |
| Benzo (b) fluoranthene | 0.207 | 0.080 | " | 0.200 | 0.013 | 96.8 | 70-130 | 3.56 | 20 | |
| Benzo (k) fluoranthene | 0.194 | 0.080 | " | 0.200 | 0.007 | 93.4 | 70-130 | 7.26 | 20 | |
| Chrysene | 0.209 | 0.080 | " | 0.200 | 0.011 | 99.2 | 70-130 | 4.35 | 20 | |
| Dibenz (a,h) anthracene | 0.201 | 0.080 | " | 0.200 | ND | 100 | 70-130 | 2.68 | 20 | |
| Fluoranthene | 0.195 | 0.080 | " | 0.200 | 0.006 | 94.5 | 70-130 | 1.68 | 20 | |
| Fluorene | 0.198 | 0.080 | " | 0.200 | ND | 99.1 | 70-130 | 3.78 | 20 | |
| Indeno (1,2,3-cd) pyrene | 0.222 | 0.080 | " | 0.200 | 0.012 | 105 | 70-130 | 12.7 | 20 | |
| Naphthalene | 0.210 | 0.008 | " | 0.200 | ND | 105 | 70-130 | 1.14 | 20 | |
| Pyrene | 0.204 | 0.080 | " | 0.200 | 0.010 | 97.0 | 70-130 | 1.54 | 20 | |
| Surrogate: Fluorene-d10 | 190 | | ug/kg | 200 | | 96.0 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 190 | | " | 200 | | 96.5 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 180 | | " | 200 | | 91.5 | 60-130 | | | |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services

PO Box 297 14400 Hwy. 34

Fort Morgan CO 80701

Steve Robison

Project Number: [none]

Project: Schenk #1

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

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

Batch B3I2041 - EPA 3580

Matrix Spike Dup (B3I2041-MSD1)

Source: Y309391-02

Prepared: 09/20/2023 Analyzed: 09/28/2023

| | | | | | |
|---------------------------------|-----|-------|-----|------|--------|
| Surrogate: Benzo (a) pyrene-d12 | 190 | ug/kg | 200 | 97.2 | 60-130 |
|---------------------------------|-----|-------|-----|------|--------|

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---|------|---|------|-----------|-------|
| Batch B3I2114 - DTPA Sorbitol Preparation | | | | | | | | | | |
| Blank (B3I2114-BLK1) | | | | | Prepared: 09/21/2023 Analyzed: 09/22/2023 | | | | | |
| Boron | ND | 0.100 | mg/L | | | | | | | U |
| Duplicate (B3I2114-DUP1) | | | | | Source: Y309373-01 | | Prepared: 09/21/2023 Analyzed: 09/22/2023 | | | |
| Boron | 1.06 | 0.101 | mg/L | | 1.02 | | | 3.09 | 50 | |
| Batch B3I2212 - Saturated Paste Metals | | | | | | | | | | |
| Blank (B3I2212-BLK1) | | | | | Prepared: 09/22/2023 Analyzed: 09/28/2023 | | | | | |
| Calcium PPM | ND | 10.0 | mg/L | | | | | | | U |
| SAR | ND | 0.0100 | SAR | | | | | | | U |
| Magnesium PPM | ND | 10.0 | mg/L | | | | | | | U |
| Sodium PPM | ND | 10.0 | " | | | | | | | U |
| Duplicate (B3I2212-DUP1) | | | | | Source: Y309373-01 | | Prepared: 09/22/2023 Analyzed: 09/28/2023 | | | |
| Calcium PPM | 40.7 | 10.0 | mg/L | | 43.2 | | | 5.92 | 50 | |
| SAR | ND | 0.0100 | SAR | | 5.75 | | | | 200 | U |
| Magnesium PPM | 21.1 | 10.0 | mg/L | | 22.4 | | | 5.98 | 50 | |
| Sodium PPM | 180 | 10.0 | " | | 187 | | | 3.75 | 50 | |

Origins Laboratory, Inc.



Jen Pellegrini, Project Manager

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.

Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

Saturated Paste - Quality Control Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|----------|-------------|---|------|-------------|-------|-----------|-------|
| Batch B3I2218 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B3I2218-BLK1) | | | | | Prepared: 09/22/2023 Analyzed: 09/23/2023 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | U |
| Duplicate (B3I2218-DUP1) | | | | | Source: Y309373-01 Prepared: 09/22/2023 Analyzed: 09/23/2023 | | | | | |
| pH | 8.32 | | pH Units | | 8.34 | | | 0.240 | 25 | |
| Specific Conductance (EC) | 1.40 | 0.00500 | mmhos/cm | | 1.35 | | | 3.60 | 25 | |

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Schneider Energy Services
PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|----------------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| Batch L710716 - | | | | | | | | | | |
| DUP (L 98245-DUP) | | Source: 98245 | | | Prepared: Analyzed: 10/13/2023 | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | <0.500 | - | | 0 | 20 | |
| MS (L 98245-MS) | | Source: 98245 | | | Prepared: Analyzed: 10/13/2023 | | | | | |
| Chromium, Hexavalent | 34 | 2.5 | mg/Kg | 39.9 | <1.22 | 85 | 75-125 | | | |

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Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

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

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|----------------------|-------|-------------|--------------------------------|------|-------------|-----|-----------|-------|
| Batch L710717 - | | | | | | | | | | |
| DUP (L 97414-DUP) | | Source: 97414 | | | Prepared: Analyzed: 10/13/2023 | | | | | |
| Chromium, Hexavalent | ND | 0.5 | mg/Kg | | <0.500 | - | | 0 | 20 | |
| MS (L 97414-MS) | | Source: 97414 | | | Prepared: Analyzed: 10/13/2023 | | | | | |
| Chromium, Hexavalent | 33.4 | 2.5 | mg/Kg | 40 | <1.22 | 84 | 75-125 | | | |

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PO Box 297 14400 Hwy. 34
Fort Morgan CO 80701

Steve Robison
Project Number: [none]
Project: Schenk #1

Notes and Definitions

U Sample is Non-Detect.

R-01 The Reporting Limit for this analyte has been raised to account for matrix interference.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.



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