

June 10, 2019

CGRS, Inc

Drezden Kinnaird

1301 Academy Court

Fort Collins CO 80524

Project Name - Flessner

Project Number - 1-14006-18038aa

Attached are your analytical results for Flessner received by Origins Laboratory, Inc. June 04, 2019. This project is associated with Origins project number Y906048-01.

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



CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|--------------------|------------------|
| BG-1 @ 3' | Y906048-01 | Soil | June 3, 2019 12:20 | 06/04/2019 08:05 |
| BG-2 @ 1' | Y906048-02 | Soil | June 3, 2019 11:40 | 06/04/2019 08:05 |
| SS-1 @ 0.5' | Y906048-03 | Soil | June 3, 2019 12:00 | 06/04/2019 08:05 |
| SS-1 @ 1.5' | Y906048-04 | Soil | June 3, 2019 12:00 | 06/04/2019 08:05 |
| SS-1 @ 3' | Y906048-05 | Soil | June 3, 2019 12:00 | 06/04/2019 08:05 |
| SS-2 @ 0.5' | Y906048-06 | Soil | June 3, 2019 11:20 | 06/04/2019 08:05 |
| SS-2 @ 1.5' | Y906048-07 | Soil | June 3, 2019 11:20 | 06/04/2019 08:05 |
| SS-2 @ 3' | Y906048-08 | Soil | June 3, 2019 11:20 | 06/04/2019 08:05 |
| SS-3 @ 0.5' | Y906048-09 | Soil | June 3, 2019 11:00 | 06/04/2019 08:05 |
| SS-3 @ 1.5' | Y906048-10 | Soil | June 3, 2019 11:00 | 06/04/2019 08:05 |
| SS-3 @ 3' | Y906048-11 | Soil | June 3, 2019 11:00 | 06/04/2019 08:05 |
| SS-4 @ 0.5' | Y906048-12 | Soil | June 3, 2019 10:40 | 06/04/2019 08:05 |
| SS-4 @ 1.5' | Y906048-13 | Soil | June 3, 2019 10:40 | 06/04/2019 08:05 |
| SS-4 @ 3' | Y906048-14 | Soil | June 3, 2019 10:40 | 06/04/2019 08:05 |

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-------------|---------------|--------|--------------------|------------------|
| SS-5 @ 0.5' | Y906048-15 | Soil | June 3, 2019 10:20 | 06/04/2019 08:05 |
| SS-5 @ 1.5' | Y906048-16 | Soil | June 3, 2019 10:20 | 06/04/2019 08:05 |
| SS-5 @ 3' | Y906048-17 | Soil | June 3, 2019 10:20 | 06/04/2019 08:05 |
| SS-6 @ 0.5' | Y906048-18 | Soil | June 3, 2019 10:00 | 06/04/2019 08:05 |
| SS-6 @ 1.5' | Y906048-19 | Soil | June 3, 2019 10:00 | 06/04/2019 08:05 |
| SS-6 @ 3' | Y906048-20 | Soil | June 3, 2019 10:00 | 06/04/2019 08:05 |

Origins Laboratory, Inc.



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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

www.originslaboratory.com

9906048

page 1 of 1

ORIGINS
LABORATORY, INC

Client: CGRS
Address: 1301 Academy Ct
Fort Collins, CO 80524
Telephone Number: 970 201 6357
Email Address: dkinnaird@cgrs.com

Project Manager: Drezden Kinnaird
Project Name: Flessner
Project Number: 1-14006-18038aa
Samples Collected By: John Kinnaird

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 Summ # | Other | EC | |
| PG-1 @ 3' | 6/13/19 | 12:20 | 2 | | | | | | X | | | | 1 |
| PG-2 @ 1' | 6/13/19 | 11:40 | 2 | | | | | | X | | | | 2 |
| SS-1 @ 0.5', 1.5', 3.0' | 6/13/19 | 12:00 | 6 | | | | | | X | | | | 3 |
| SS-2 @ 0.5', 1.5', 3.0' | 6/13/19 | 11:20 | 6 | | | | | | X | | | | 4 |
| SS-3 @ 0.5', 1.5', 3.0' | 6/13/19 | 11:00 | 6 | | | | | | X | | | | 5 |
| SS-4 @ 0.5', 1.5', 3.0' | 6/13/19 | 10:40 | 6 | | | | | | X | | | | 6 |
| SS-5 @ 0.5', 1.5', 3.0' | 6/13/19 | 10:20 | 6 | | | | | | X | | | | 7 |
| SS-6 @ 0.5', 1.5', 3.0' | 6/13/19 | 10:00 | 6 | | | | | | X | | | | 8 |
| | | | | | | | | | | | | | 9 |
| | | | | | | | | | | | | | 10 |

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | Turnaround Time: | | |
|--------------------|---------|-------|--------------------|--------|-------|------------------|-------|-------------------------------------|
| | | | | | | Same Day | 48 Hr | 72 Hr |
| <i>[Signature]</i> | 6/13/19 | 16:00 | <i>[Signature]</i> | 6-4-19 | 8:05 | | | <input checked="" type="checkbox"/> |
| <i>[Signature]</i> | 6-4-19 | 8:05 | <i>[Signature]</i> | 6-4-19 | 8:05 | | | |

Date Results Needed

Temp Received: 0.7

Origins Laboratory, Inc.

Jefe Pellegrini

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 796048

Client: CGRS

Client Project ID: Flessner

Checklist Completed by: Dan Lu

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

Date/time completed: 6-11-19

Airbill #: NA

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: _____

Cooler Number/Temperature: 1 / 8.7 °C 1 / _____ °C 1 / _____ °C 1 / _____ °C (Describe)

Thermometer ID: 1003

| 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"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is there ice present (document if blue ice is used) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input 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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| Were all samples received intact ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Was adequate sample volume provided ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <u>px</u> |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <input type="checkbox"/> | <input type="checkbox"/> | <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 type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Additional Comments (if any): | | | | |

⁽¹⁾If NO, then contact the client before proceeding with analysis and note 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) JPP

Date/Time Reviewed 6/15/19

Origins Laboratory, Inc.

Jen Pellegrini

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

BG-1 @ 3'
6/3/2019 12:20:00PM

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

AAL, Inc.
Y906048-01 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.13 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 1.00 | " | " | | " | | " | " | |
| Sodium | 16.41 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.78 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 15.90 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.364 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

BG-2 @ 1'
6/3/2019 11:40:00AM

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

AAL, Inc.
Y906048-02 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.07 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.49 | " | " | | " | | " | " | |
| Sodium | 32.93 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.57 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 37.29 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 1.02 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|------|---------|----------|---|---------|------|------------|------------|--|

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CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-1 @ 0.5'**6/3/2019 12:00:00PM**

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

AAL, Inc.
Y906048-03 (Soil)**Metals (Saturated Paste Prep)**

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 9.67 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 5.90 | " | " | | " | | " | " | |
| Sodium | 96.86 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.04 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 34.71 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 1.65 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|------|---------|----------|---|---------|------|------------|------------|--|

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CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-1 @ 1.5'**6/3/2019 12:00:00PM**

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

AAL, Inc.
Y906048-04 (Soil)**Metals (Saturated Paste Prep)**

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 8.71 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 5.53 | " | " | | " | | " | " | |
| Sodium | 65.41 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 7.84 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 24.51 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 1.47 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-1 @ 3'
6/3/2019 12:00:00PM

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

AAL, Inc.
Y906048-05 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 7.95 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 6.06 | " | " | | " | | " | " | |
| Sodium | 50.20 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.04 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 18.97 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.786 | 0.00505 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-2 @ 0.5'
6/3/2019 11:20:00AM

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

AAL, Inc.
Y906048-06 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|------|--|------|---|----------|--|------------|------------|--|
| Calcium | 1.96 | | me/L | 1 | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.58 | | " | " | " | | " | " | |
| Sodium | 0.39 | | " | " | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|------|------------|------------|--|
| pH | 8.18 | | pH Units | 1 | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|--|----------|---|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|---|----------|--|------------|------------|--|
| SAR | 0.35 | | | 1 | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|--|---|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|--------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.0511 | 0.00504 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|--------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-2 @ 1.5'

6/3/2019 11:20:00AM

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

AAL, Inc. Y906048-07 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|------|------|---|--|----------|--|------------|------------|--|
| Calcium | 0.81 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.44 | " | " | | " | | " | " | |
| Sodium | 1.11 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.17 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|---|--|----------|--|------------|------------|--|
| SAR | 1.40 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|--------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.0974 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|--------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-2 @ 3'
6/3/2019 11:20:00AM

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

AAL, Inc.
Y906048-08 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|------|------|---|--|----------|--|------------|------------|--|
| Calcium | 0.84 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.48 | " | " | | " | | " | " | |
| Sodium | 2.86 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.25 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|---|--|----------|--|------------|------------|--|
| SAR | 3.52 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.152 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-3 @ 0.5'

6/3/2019 11:00:00AM

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

AAL, Inc. Y906048-09 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|------|------|---|--|----------|--|------------|------------|--|
| Calcium | 2.25 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.84 | " | " | | " | | " | " | |
| Sodium | 0.94 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 7.84 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|---|--|----------|--|------------|------------|--|
| SAR | 0.76 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.107 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-3 @ 1.5'

6/3/2019 11:00:00AM

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

AAL, Inc. Y906048-10 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|------|--|------|---|----------|--|------------|------------|--|
| Calcium | 1.62 | | me/L | 1 | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.69 | | " | " | " | | " | " | |
| Sodium | 0.51 | | " | " | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|------|------------|------------|--|
| pH | 8.01 | | pH Units | 1 | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|--|----------|---|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|---|----------|--|------------|------------|--|
| SAR | 0.47 | | | 1 | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|--|---|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|--------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.0930 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|--------|---------|----------|---|---------|------|------------|------------|--|

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CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-3 @ 3'**6/3/2019 11:00:00AM**

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

AAL, Inc.
Y906048-11 (Soil)**Metals (Saturated Paste Prep)**

| | | | | | | | | | |
|-----------|------|--|------|---|----------|--|------------|------------|--|
| Calcium | 1.18 | | me/L | 1 | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.98 | | " | " | " | | " | " | |
| Sodium | 0.61 | | " | " | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|--|----------|---|---------|------|------------|------------|--|
| pH | 8.13 | | pH Units | 1 | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|--|----------|---|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|--|---|----------|--|------------|------------|--|
| SAR | 0.59 | | | 1 | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|--|---|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.102 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-4 @ 0.5'**6/3/2019 10:40:00AM**

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

AAL, Inc.
Y906048-12 (Soil)**Metals (Saturated Paste Prep)**

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.28 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.52 | " | " | | " | | " | " | |
| Sodium | 31.58 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 7.97 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 33.29 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.467 | 0.00508 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-4 @ 1.5'**6/3/2019 10:40:00AM**

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

AAL, Inc.
Y906048-13 (Soil)**Metals (Saturated Paste Prep)**

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 7.74 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 6.47 | " | " | | " | | " | " | |
| Sodium | 44.88 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.09 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 16.84 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.761 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-4 @ 3'
6/3/2019 10:40:00AM

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

AAL, Inc.
Y906048-14 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 9.57 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 10.73 | " | " | | " | | " | " | |
| Sodium | 26.87 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.13 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|---|--|----------|--|------------|------------|--|
| SAR | 8.43 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.683 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-5 @ 0.5'
6/3/2019 10:20:00AM

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

AAL, Inc.
Y906048-15 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.89 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.97 | " | " | | " | | " | " | |
| Sodium | 36.52 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.79 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 30.54 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.607 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-5 @ 1.5'

6/3/2019 10:20:00AM

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

AAL, Inc. Y906048-16 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.68 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 1.39 | " | " | | " | | " | " | |
| Sodium | 18.22 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.72 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 14.71 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.343 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-5 @ 3'
6/3/2019 10:20:00AM

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

AAL, Inc.
Y906048-17 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.30 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.80 | " | " | | " | | " | " | |
| Sodium | 7.29 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.70 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|---|--|----------|--|------------|------------|--|
| SAR | 7.11 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.163 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-6 @ 0.5'
6/3/2019 10:00:00AM

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

AAL, Inc.
Y906048-18 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 1.47 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 0.61 | " | " | | " | | " | " | |
| Sodium | 13.62 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 7.95 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 13.36 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.173 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-6 @ 1.5'**6/3/2019 10:00:00AM**

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

**AAL, Inc.
Y906048-19 (Soil)****Metals (Saturated Paste Prep)**

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 6.31 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 6.54 | " | " | | " | | " | " | |
| Sodium | 32.12 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 8.06 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|-------|--|---|--|----------|--|------------|------------|--|
| SAR | 12.67 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|-------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.699 | 0.00506 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

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Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

SS-6 @ 3'
6/3/2019 10:00:00AM

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

AAL, Inc.
Y906048-20 (Soil)

Metals (Saturated Paste Prep)

| | | | | | | | | | |
|-----------|-------|------|---|--|----------|--|------------|------------|--|
| Calcium | 10.06 | me/L | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
| Magnesium | 10.05 | " | " | | " | | " | " | |
| Sodium | 21.72 | " | " | | " | | " | " | |

pH in Soil by EPA 9045D

| | | | | | | | | | |
|----|------|----------|---|--|---------|------|------------|------------|--|
| pH | 7.97 | pH Units | 1 | | B9F0405 | OLAB | 06/04/2019 | 06/04/2019 | |
|----|------|----------|---|--|---------|------|------------|------------|--|

SAR by 20B Saturated Paste

| | | | | | | | | | |
|-----|------|--|---|--|----------|--|------------|------------|--|
| SAR | 6.85 | | 1 | | '[none]' | | 06/05/2019 | 06/07/2019 | |
|-----|------|--|---|--|----------|--|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|
| Specific Conductance (EC) | 0.497 | 0.00500 | mmhos/cm | 1 | B9F0406 | OLAB | 06/04/2019 | 06/04/2019 | |
|---------------------------|-------|---------|----------|---|---------|------|------------|------------|--|

Origins Laboratory, Inc.



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.

Jen Pellegrini, Project Manager

CGRS, Inc
1301 Academy Court
Fort Collins CO 80524

Drezden Kinnaird
Project Number: 1-14006-18038aa
Project: Flessner

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 B9F0405 - NO PREP | | | | | | | | | | |
| Duplicate (B9F0405-DUP1) | | Source: Y906048-01 | | | Prepared: 06/04/2019 Analyzed: 06/04/2019 | | | | | |
| pH | 8.65 | | pH Units | | 8.78 | | | 1.49 | 25 | |
| Batch B9F0406 - NO PREP | | | | | | | | | | |
| Blank (B9F0406-BLK1) | | Prepared: 06/04/2019 Analyzed: 06/04/2019 | | | | | | | | |
| Specific Conductance (EC) | 0.00330 | 0.00500 | mmhos/cm | | | | | | | |
| Duplicate (B9F0406-DUP1) | | Source: Y906048-01 | | | Prepared: 06/04/2019 Analyzed: 06/04/2019 | | | | | |
| Specific Conductance (EC) | 0.369 | 0.00501 | mmhos/cm | | 0.364 | | | 1.61 | 25 | |

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1301 Academy Court

Fort Collins CO 80524

Drezden Kinnaird

Project Number: 1-14006-18038aa

Project: Flessner

Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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