

April 09, 2021

Entrada Consulting Group

Ben Baugh

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Davis 1-30

Project Number - 021-018

Attached are your analytical results for Davis 1-30 received by Origins Laboratory, Inc. April 07, 2021. This project is associated with Origins project number Y104117-01.

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



Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Ben Baugh
Project Number: 021-018
Project: Davis 1-30

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|---------------------|------------------|
| SS3-1 | Y104117-01 | Soil | April 7, 2021 11:30 | 04/07/2021 16:30 |

Origins Laboratory, Inc.



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Entrada Consulting Group
 330 Grand Ave. Unit C
 Grand Junction CO 81501

Ben Baugh
 Project Number: 021-018
 Project: Davis 1-30

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

Sample Receipt Checklist

Origins Work Order: Y104117 Client: Entrada
 Client Project ID: Davis 1-30
 Checklist Completed by: JG Shipped Via: HS
 Date/time completed: 4/7/21 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 / 22.3 °C _____ / _____ °C _____ / _____ °C (Describe)
 Thermometer ID: T003

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|-------------------------------------|-------------------------------------|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | | <input checked="" type="checkbox"/> | | Same Day |
| 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) | | | | |
| 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 Jm (Project Manager)

Date/Time Reviewed 4-8-21

Origins Laboratory, Inc.



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Entrada Consulting Group
 330 Grand Ave. Unit C
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Ben Baugh
 Project Number: 021-018
 Project: Davis 1-30

SS3-1

4/7/2021 11:30:00AM

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

Origins Laboratory, Inc.
Y104117-01 (Soil)

DRO/ORO by EPA 8015D

| | | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B1D0819 | KDK | 04/08/2021 | 04/09/2021 | U |
| Residual Range Organics (C28-C40) | ND | 200 | " | " | " | KDK | " | " | U |

Surrogate: *o*-Terphenyl 59.9 % 50-150 " " "

GBTEX + Naphthalene by EPA 8260D

| | | | | | | | | | |
|-----------------------------|----|-------|-------|---|---------|-----|------------|------------|---|
| Gasoline Range Hydrocarbons | ND | 0.200 | mg/kg | 1 | B1D0712 | KDK | 04/07/2021 | 04/09/2021 | U |
| Benzene | ND | 0.002 | " | " | " | KDK | " | " | U |
| Toluene | ND | 0.002 | " | " | " | KDK | " | " | U |
| Ethylbenzene | ND | 0.002 | " | " | " | KDK | " | " | U |
| Xylenes, total | ND | 0.002 | " | " | " | KDK | " | " | U |
| Naphthalene | ND | 0.008 | " | " | " | KDK | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 105 % 70-130 " " "
 Surrogate: Toluene-d8 96.9 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 91.7 % 70-130 " " "

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Entrada Consulting Group
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 Grand Junction CO 81501

Ben Baugh
 Project Number: 021-018
 Project: Davis 1-30

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 B1D0712 - EPA 5030 (soil)

Blank (B1D0712-BLK1)

Prepared: 04/07/2021 Analyzed: 04/07/2021

| | | | | | | | | | | |
|----------------------------------|------|-------|-------|-------|--|------|--------|--|--|---|
| Gasoline Range Hydrocarbons | ND | 0.200 | mg/kg | | | | | | | U |
| Benzene | ND | 0.002 | " | | | | | | | U |
| Toluene | ND | 0.002 | " | | | | | | | U |
| Ethylbenzene | ND | 0.002 | " | | | | | | | U |
| Xylenes, total | ND | 0.002 | " | | | | | | | U |
| Naphthalene | ND | 0.008 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.11 | | " | 0.125 | | 89.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.14 | | " | 0.125 | | 113 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 97.4 | 70-130 | | | |

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330 Grand Ave. Unit C

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Ben Baugh

Project Number: 021-018

Project: Davis 1-30

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 B1D0712 - EPA 5030 (soil)

LCS (B1D0712-BS1)

Prepared: 04/07/2021 Analyzed: 04/07/2021

| | | | | | | | | | | |
|----------------------------------|-------|-------|-------|--------|--|------|--------|--|--|--|
| Benzene | 0.041 | 0.002 | mg/kg | 0.0500 | | 82.2 | 70-130 | | | |
| Toluene | 0.051 | 0.002 | " | 0.0500 | | 102 | 70-130 | | | |
| Ethylbenzene | 0.054 | 0.002 | " | 0.0500 | | 109 | 70-130 | | | |
| m,p-Xylene | 0.110 | 0.004 | " | 0.100 | | 110 | 70-130 | | | |
| o-Xylene | 0.056 | 0.002 | " | 0.0500 | | 112 | 70-130 | | | |
| Naphthalene | 0.055 | 0.008 | " | 0.0500 | | 109 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.11 | | " | 0.125 | | 88.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.14 | | " | 0.125 | | 111 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 97.6 | 70-130 | | | |

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 Project Number: 021-018
 Project: Davis 1-30

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 B1D0712 - EPA 5030 (soil)

| Matrix Spike (B1D0712-MS1) | Source: Y104120-01 | | | Prepared: 04/07/2021 Analyzed: 04/08/2021 | | | | | | |
|----------------------------------|--------------------|-------|-------|---|------|--------|--|--|--|--|
| Benzene | 0.047 | 0.002 | mg/kg | 0.0500 | 94.3 | 70-130 | | | | |
| Toluene | 0.058 | 0.002 | " | 0.0500 | 116 | 70-130 | | | | |
| Ethylbenzene | 0.060 | 0.002 | " | 0.0500 | 120 | 70-130 | | | | |
| m,p-Xylene | 0.119 | 0.004 | " | 0.100 | 119 | 70-130 | | | | |
| o-Xylene | 0.061 | 0.002 | " | 0.0500 | 122 | 70-130 | | | | |
| Naphthalene | 0.058 | 0.008 | " | 0.0500 | 117 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.11 | | " | 0.125 | 89.9 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.14 | | " | 0.125 | 110 | 70-130 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 98.4 | 70-130 | | | | |

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Project Number: 021-018

Project: Davis 1-30

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 B1D0712 - EPA 5030 (soil)

| Matrix Spike Dup (B1D0712-MSD1) | Source: Y104120-01 | | | Prepared: 04/07/2021 Analyzed: 04/08/2021 | | | | | | |
|----------------------------------|--------------------|-------|-------|---|------|--------|-------|----|--|--|
| Benzene | 0.045 | 0.002 | mg/kg | 0.0500 | 90.3 | 70-130 | 4.33 | 20 | | |
| Toluene | 0.057 | 0.002 | " | 0.0500 | 113 | 70-130 | 2.09 | 20 | | |
| Ethylbenzene | 0.060 | 0.002 | " | 0.0500 | 120 | 70-130 | 0.400 | 20 | | |
| m,p-Xylene | 0.118 | 0.004 | " | 0.100 | 118 | 70-130 | 1.23 | 20 | | |
| o-Xylene | 0.062 | 0.002 | " | 0.0500 | 124 | 70-130 | 1.30 | 20 | | |
| Naphthalene | 0.057 | 0.008 | " | 0.0500 | 115 | 70-130 | 1.76 | 20 | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.11 | | " | 0.125 | 89.6 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.14 | | " | 0.125 | 111 | 70-130 | | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | 99.5 | 70-130 | | | | |

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Project: Davis 1-30

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 B1D0819 - EPA 3550B | | | | | | | | | | |
| Blank (B1D0819-BLK1) | | | | | | | | | | |
| | | | | | Prepared: 04/08/2021 Analyzed: 04/08/2021 | | | | | |
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 18 | | " | 25.0 | | 73.7 | 50-150 | | | |

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Project Number: 021-018

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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 B1D0819 - EPA 3550B

LCS (B1D0819-BS1)

Prepared: 04/08/2021 Analyzed: 04/08/2021

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 891 | 50.0 | mg/kg | 1000 | | 89.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 923 | 200 | " | 1000 | | 92.3 | 70-130 | | | |
| Surrogate: o-Terphenyl | 40 | | " | 50.0 | | 79.9 | 50-150 | | | |

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Ben Baugh

Project Number: 021-018

Project: Davis 1-30

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 B1D0819 - EPA 3550B

| Matrix Spike (B1D0819-MS1) | Source: Y104134-05 | | | Prepared: 04/08/2021 Analyzed: 04/08/2021 | | | | | | |
|-----------------------------------|---------------------------|------|-------|--|------|------|--------|--|--|-------|
| Diesel (C10-C28) | 1730 | 50.0 | mg/kg | 1000 | 1200 | 53.1 | 70-130 | | | QM-07 |
| Residual Range Organics (C28-C40) | 1130 | 200 | " | 1000 | 241 | 88.7 | 70-130 | | | |
| Surrogate: o-Terphenyl | 37 | | " | 50.0 | | 74.5 | 50-150 | | | |

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Project Number: 021-018

Project: Davis 1-30

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 B1D0819 - EPA 3550B

| Matrix Spike Dup (B1D0819-MSD1) | Source: Y104134-05 | | | Prepared: 04/08/2021 Analyzed: 04/08/2021 | | | | | | |
|--|---------------------------|------|-------|--|------|------|--------|------|----|-------|
| Diesel (C10-C28) | 1850 | 50.0 | mg/kg | 1000 | 1200 | 65.0 | 70-130 | 6.64 | 35 | QM-07 |
| Residual Range Organics (C28-C40) | 1160 | 200 | " | 1000 | 241 | 91.6 | 70-130 | 2.51 | 35 | |
| <i>Surrogate: o-Terphenyl</i> | 39 | | " | 50.0 | | 77.2 | 50-150 | | | |

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Ben Baugh
Project Number: 021-018
Project: Davis 1-30

Notes and Definitions

U Sample is Non-Detect.

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 at a wet weight basis.

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