



June 01, 2020

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Top Operating - Stamp 31-2C

Project Number - [none]

Attached are your analytical results for Top Operating - Stamp 31-2C received by Origins Laboratory, Inc. May 29, 2020. This project is associated with Origins project number Y005388-01.

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

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|--------------------|------------------|
| SS-05@8' | Y005388-01 | Soil | May 29, 2020 10:15 | 05/29/2020 13:15 |
| SS-07@7' | Y005388-02 | Soil | May 29, 2020 10:35 | 05/29/2020 13:15 |
| SS-08@8' | Y005388-03 | Soil | May 29, 2020 10:45 | 05/29/2020 13:15 |
| FS-01@10' | Y005388-04 | Soil | May 29, 2020 11:00 | 05/29/2020 13:15 |
| FS-03@10' | Y005388-05 | Soil | May 29, 2020 11:10 | 05/29/2020 13:15 |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

ORIGINS
LABORATORY, INC

www.originslaboratory.com

1005388

page 1 of 1

Client: Eagle Env. Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: dcoloccia@eagle-env.co, cathy

Project Manager: Daniel Coloccia
Project Name: TOP-Stamp 31-2C
Project Number: 1
Samples Collected By: GEC

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 # | Other | BTEX | GRD | |
| SS-05e8' | 5/29/20 | 1015 | 2 | X | | | | | X | | | | X | 1 |
| SS-07e7' | | 1035 | 1 | | | | | | | | | | X | 2 |
| SS-08e8' | | 1045 | 1 | | | | | | | | | | | 3 |
| FS-01@10' | | 1100 | 1 | | | | | | | | | | | 4 |
| FS-03@10' | | 1110 | 1 | | | | | | | | | | | 5 |
| | | | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | | | 9 |
| | | | | | | | | | | | | | | 10 |
| Relinquished By: <i>Amwl</i> | Date: 5/29/20 | Time: 1315 | | Received By: <i>[Signature]</i> | Date: 5/29/20 | Time: 1315 | | Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard <input type="checkbox"/> | | | | | | |
| Relinquished By: | Date: | Time: | | Received By: | Date: | Time: | | | | | | | | |

Temp Received: 4.6 Date Results Needed

Origins Laboratory, Inc.

Jordan A. Merrill

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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y005388

Client: Eagle

Client Project ID: Stamp 31-2C

Checklist Completed by: SG

Shipped Via: HD

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

Date/time completed: 5/29/20

Airbill #: N/A

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

Water Other:

Cooler Number/Temperature: 1 4.6 °C 1 °C 1 °C 1 °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"/> | <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 type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 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)

Date/Time Reviewed 5/29/20

Origins Laboratory, Inc.

Jordan A. Merrill

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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

SS-05@8'

5/29/2020 10:15:00AM

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

Origins Laboratory, Inc.
Y005388-01 (Soil)

BTEX/TVPH by EPA 8260D

| | | | | | | | | | |
|-----------------------------|------|--------|-------|----|---------|-----|------------|------------|---|
| Benzene | ND | 0.0500 | mg/kg | 25 | B0E2907 | KDK | 05/29/2020 | 05/29/2020 | U |
| Toluene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Ethylbenzene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Xylenes, total | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Gasoline Range Hydrocarbons | 9.43 | 5.00 | " | " | " | KDK | " | " | |

| | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 78.2 % | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 78.5 % | 70-130 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 81.6 % | 70-130 | | | " | " | " | |

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

| | | | | | | | | | |
|------------------------|--------|--------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B0E2908 | KDK | 05/29/2020 | 05/29/2020 | U |
| Surrogate: o-Terphenyl | 77.3 % | 50-150 | | | " | " | " | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

SS-07@7'

5/29/2020 10:35:00AM

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

Origins Laboratory, Inc.
Y005388-02 (Soil)

BTEX/TVPH by EPA 8260D

| | | | | | | | | | |
|-----------------------------|----|--------|-------|----|---------|-----|------------|------------|---|
| Benzene | ND | 0.0500 | mg/kg | 25 | B0E2907 | KDK | 05/29/2020 | 05/29/2020 | U |
| Toluene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Ethylbenzene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Xylenes, total | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Gasoline Range Hydrocarbons | ND | 5.00 | " | " | " | KDK | " | " | U |

| | | | | | | | |
|----------------------------------|-------|--------|--|--|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 100 % | 70-130 | | | " | " | " |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 105 % | 70-130 | | | " | " | " |

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

| | | | | | | | | | |
|------------------------|--------|--------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B0E2908 | KDK | 05/29/2020 | 05/29/2020 | U |
| Surrogate: o-Terphenyl | 78.1 % | 50-150 | | | " | " | " | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

SS-08@8'

5/29/2020 10:45:00AM

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

Origins Laboratory, Inc.
Y005388-03 (Soil)

BTEX/TVPH by EPA 8260D

| | | | | | | | | | |
|-----------------------------|----|--------|-------|----|---------|-----|------------|------------|---|
| Benzene | ND | 0.0500 | mg/kg | 25 | B0E2907 | KDK | 05/29/2020 | 05/29/2020 | U |
| Toluene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Ethylbenzene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Xylenes, total | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Gasoline Range Hydrocarbons | ND | 5.00 | " | " | " | KDK | " | " | U |

| | | | | | |
|----------------------------------|--------|--------|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 99.0 % | 70-130 | " | " | " |
| Surrogate: Toluene-d8 | 99.8 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 103 % | 70-130 | " | " | " |

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

| | | | | | | | | | |
|------------------------|--------|--------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B0E2908 | KDK | 05/29/2020 | 05/29/2020 | U |
| Surrogate: o-Terphenyl | 80.9 % | 50-150 | | | " | | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

FS-01@10'

5/29/2020 11:00:00AM

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

Origins Laboratory, Inc.
Y005388-04 (Soil)

BTEX/TVPH by EPA 8260D

| | | | | | | | | | |
|-----------------------------|----|--------|-------|----|---------|-----|------------|------------|---|
| Benzene | ND | 0.0500 | mg/kg | 25 | B0E2907 | KDK | 05/29/2020 | 05/29/2020 | U |
| Toluene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Ethylbenzene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Xylenes, total | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Gasoline Range Hydrocarbons | ND | 5.00 | " | " | " | KDK | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 99.0 % | 70-130 | | | " | " | " |
| Surrogate: Toluene-d8 | 99.5 % | 70-130 | | | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 104 % | 70-130 | | | " | " | " |

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

| | | | | | | | | | |
|------------------------|--------|--------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B0E2908 | KDK | 05/29/2020 | 05/29/2020 | U |
| Surrogate: o-Terphenyl | 71.4 % | 50-150 | | | " | " | " | | |

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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

FS-03@10'

5/29/2020 11:10:00AM

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

Origins Laboratory, Inc.
Y005388-05 (Soil)

BTEX/TVPH by EPA 8260D

| | | | | | | | | | |
|-----------------------------|----|--------|-------|----|---------|-----|------------|------------|---|
| Benzene | ND | 0.0500 | mg/kg | 25 | B0E2907 | KDK | 05/29/2020 | 05/29/2020 | U |
| Toluene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Ethylbenzene | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Xylenes, total | ND | 0.0500 | " | " | " | KDK | " | " | U |
| Gasoline Range Hydrocarbons | ND | 5.00 | " | " | " | KDK | " | " | U |

| | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|
| Surrogate: 1,2-Dichloroethane-d4 | 99.5 % | 70-130 | | | " | " | " |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 105 % | 70-130 | | | " | " | " |

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

| | | | | | | | | | |
|------------------------|--------|--------|-------|---|---------|-----|------------|------------|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | 1 | B0E2908 | KDK | 05/29/2020 | 05/29/2020 | U |
| Surrogate: o-Terphenyl | 82.2 % | 50-150 | | | " | " | " | | |

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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2907 - EPA 5030 (soil)

Blank (B0E2907-BLK1)

Prepared: 05/29/2020 Analyzed: 05/29/2020

| | | | | | | | | | | |
|----------------------------------|------|---------|-------|-------|--|-----|--------|--|--|---|
| Benzene | ND | 0.00200 | mg/kg | | | | | | | U |
| Toluene | ND | 0.00200 | " | | | | | | | U |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | U |
| Xylenes, total | ND | 0.00200 | " | | | | | | | U |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 100 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |

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8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2907 - EPA 5030 (soil)

LCS (B0E2907-BS1)

Prepared: 05/29/2020 Analyzed: 05/29/2020

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene | 0.101 | 0.00200 | mg/kg | 0.100 | | 101 | 70-130 | | | |
| Toluene | 0.101 | 0.00200 | " | 0.100 | | 101 | 70-130 | | | |
| Ethylbenzene | 0.0996 | 0.00200 | " | 0.100 | | 99.6 | 70-130 | | | |
| m,p-Xylene | 0.191 | 0.00400 | " | 0.200 | | 95.7 | 70-130 | | | |
| o-Xylene | 0.0951 | 0.00200 | " | 0.100 | | 95.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 95.4 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 104 | 70-130 | | | |

Origins Laboratory, Inc.



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8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2907 - EPA 5030 (soil)

| Matrix Spike (B0E2907-MS1) | | Source: Y005388-01 | | | Prepared: 05/29/2020 Analyzed: 05/29/2020 | | | | | |
|----------------------------------|--------|--------------------|-------|-------|---|------|--------|--|--|--|
| Benzene | 0.102 | 0.00200 | mg/kg | 0.100 | ND | 102 | 70-130 | | | |
| Toluene | 0.105 | 0.00200 | " | 0.100 | ND | 105 | 70-130 | | | |
| Ethylbenzene | 0.105 | 0.00200 | " | 0.100 | ND | 105 | 70-130 | | | |
| m,p-Xylene | 0.200 | 0.00400 | " | 0.200 | ND | 100 | 70-130 | | | |
| o-Xylene | 0.0961 | 0.00200 | " | 0.100 | ND | 96.1 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 95.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |

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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: Top Operating - Stamp 31-2C

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 B0E2907 - EPA 5030 (soil)

| Matrix Spike Dup (B0E2907-MSD1) | | Source: Y005388-01 | | | Prepared: 05/29/2020 Analyzed: 05/29/2020 | | | | | |
|----------------------------------|--------|--------------------|-------|-------|---|------|--------|------|----|--|
| Benzene | 0.104 | 0.00200 | mg/kg | 0.100 | ND | 104 | 70-130 | 2.64 | 20 | |
| Toluene | 0.108 | 0.00200 | " | 0.100 | ND | 108 | 70-130 | 2.80 | 20 | |
| Ethylbenzene | 0.108 | 0.00200 | " | 0.100 | ND | 108 | 70-130 | 2.64 | 20 | |
| m,p-Xylene | 0.205 | 0.00400 | " | 0.200 | ND | 102 | 70-130 | 2.03 | 20 | |
| o-Xylene | 0.0997 | 0.00200 | " | 0.100 | ND | 99.7 | 70-130 | 3.62 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 97.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2908 - EPA 3580

Blank (B0E2908-BLK1)

Prepared: 05/29/2020 Analyzed: 05/29/2020

| | | | | | | | | | | |
|------------------------|----|------|-------|------|--|------|--------|--|--|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | U |
| Surrogate: o-Terphenyl | 21 | | " | 25.0 | | 83.7 | 50-150 | | | |

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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2908 - EPA 3580

LCS (B0E2908-BS1)

Prepared: 05/29/2020 Analyzed: 05/29/2020

| | | | | | | | | | | |
|------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 911 | 50.0 | mg/kg | 1000 | | 91.1 | 70-130 | | | |
| Surrogate: o-Terphenyl | 49 | | " | 50.0 | | 97.6 | 50-150 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2908 - EPA 3580

| Matrix Spike (B0E2908-MS1) | | Source: Y005388-01 | | | Prepared: 05/29/2020 Analyzed: 05/29/2020 | | | | | |
|----------------------------|------|--------------------|-------|------|---|------|--------|--|--|--|
| Diesel (C10-C28) | 1020 | 50.0 | mg/kg | 1000 | ND | 102 | 70-130 | | | |
| Surrogate: o-Terphenyl | 49 | | " | 50.0 | | 98.6 | 50-150 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

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 B0E2908 - EPA 3580

| | | | | | | | | | | |
|---------------------------------|-----|--------------------|-------|------|---|------|--------|------|----|--|
| Matrix Spike Dup (B0E2908-MSD1) | | Source: Y005388-01 | | | Prepared: 05/29/2020 Analyzed: 05/29/2020 | | | | | |
| Diesel (C10-C28) | 851 | 50.0 | mg/kg | 1000 | ND | 85.1 | 70-130 | 18.0 | 35 | |
| Surrogate: o-Terphenyl | 43 | | " | 50.0 | | 85.1 | 50-150 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: Top Operating - Stamp 31-2C

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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