



January 05, 2018

Eagle Environmental Consulting, Inc.

Dan Coloccia

4101 Inca Street

Denver

CO 80211

Project Name - SRC - Nelson East Tank Battery

Project Number - [none]

Attached are your analytical results for SRC - Nelson East Tank Battery received by Origins Laboratory, Inc. December 26, 2017. This project is associated with Origins project number Y712435-01.

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.
4101 Inca Street
Denver CO 80211

Dan Coloccia
Project Number: [none]
Project: SRC - Nelson East Tank Battery

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-------------------------|------------------|
| MW-1 | Y712435-01 | Water | December 26, 2017 12:15 | 12/26/2017 16:15 |
| MW-2 | Y712435-02 | Water | December 26, 2017 11:25 | 12/26/2017 16:15 |
| MW-3 | Y712435-03 | Water | December 26, 2017 12:20 | 12/26/2017 16:15 |
| MW-4 | Y712435-04 | Water | December 26, 2017 12:35 | 12/26/2017 16:15 |
| MW-5 | Y712435-05 | Water | December 26, 2017 12:45 | 12/26/2017 16:15 |
| MW-6 | Y712435-06 | Water | December 26, 2017 11:35 | 12/26/2017 16:15 |
| MW-7 | Y712435-07 | Water | December 26, 2017 11:50 | 12/26/2017 16:15 |
| MW-8 | Y712435-08 | Water | December 26, 2017 12:05 | 12/26/2017 16:15 |

Origins Laboratory, Inc.



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Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 1712435

Client: Eagle Env.

Client Project ID: SRC - Nelson E. Tank Battery

Checklist Completed by: Dan Col

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

Date/time completed: 12-26-17

Airbill #: N/A

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

Cooler Number/Temperature: 4.5 °C _____ °C _____ °C (Describe) _____ °C

Thermometer ID: 1603

| 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]

Date/Time Reviewed 12/27/17

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Dan Coloccia
Project Number: [none]
Project: SRC - Nelson East Tank Battery

MW-1

12/26/2017 12:15:00PM

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

Origins Laboratory, Inc.
Y712435-01 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------------------------|--------|--------|------|---|---------|------------|------------|---|
| Benzene | ND | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | U |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | " | " | U |
| Surrogate: 1,2-Dichloroethane-d4 | 95.9 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | 84-114 | | | " | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

MW-2
12/26/2017 11:25:00AM

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

Origins Laboratory, Inc.
Y712435-02 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------------------------|--------|--------|------|---|---------|------------|------------|---|
| Benzene | 2.20 | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | 4.65 | 1.00 | " | " | " | " | " | |
| Xylenes, total | 6.85 | 1.00 | " | " | " | " | " | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.7 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 102 % | 84-114 | | | " | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

MW-3
12/26/2017 12:20:00PM

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

Origins Laboratory, Inc.
Y712435-03 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------------------------|--------|--------|------|---|---------|------------|------------|---|
| Benzene | ND | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | U |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | " | " | U |
| Surrogate: 1,2-Dichloroethane-d4 | 96.0 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | 84-114 | | | " | " | " | |

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Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

MW-4

12/26/2017 12:35:00PM

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

Origins Laboratory, Inc.
Y712435-04 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------|----|------|------|---|---------|------------|------------|---|
| Benzene | ND | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | U |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | " | " | U |

| | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 96.8 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 100 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 101 % | 84-114 | | | " | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

MW-5
12/26/2017 12:45:00PM

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

Origins Laboratory, Inc.
Y712435-05 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------------------------|--------|--------|------|---|---------|------------|------------|---|
| Benzene | 231 | 4.00 | ug/L | 4 | B7L2908 | 12/29/2017 | 12/30/2017 | |
| Toluene | ND | 4.00 | " | " | " | " | " | U |
| Ethylbenzene | 13.0 | 4.00 | " | " | " | " | " | |
| Xylenes, total | 172 | 4.00 | " | " | " | " | " | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.9 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | 84-114 | | | " | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

MW-6
12/26/2017 11:35:00AM

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

Origins Laboratory, Inc.
Y712435-06 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------------------------|--------|--------|------|---|---------|------------|------------|---|
| Benzene | 8.29 | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | " | " | U |
| Xylenes, total | 2.62 | 1.00 | " | " | " | " | " | |
| Surrogate: 1,2-Dichloroethane-d4 | 98.5 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | 84-114 | | | " | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

MW-7

12/26/2017 11:50:00AM

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

Origins Laboratory, Inc.
Y712435-07 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------|----|------|------|---|---------|------------|------------|---|
| Benzene | ND | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | U |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | " | " | U |

| | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 99.6 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 100 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 103 % | 84-114 | | | " | " | " | |

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Eagle Environmental Consulting, Inc.
4101 Inca Street
Denver CO 80211

Dan Coloccia
Project Number: [none]
Project: SRC - Nelson East Tank Battery

MW-8

12/26/2017 12:05:00PM

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

Origins Laboratory, Inc.
Y712435-08 (Water)

BTEX by EPA 8260C

| | | | | | | | | |
|----------------|----|------|------|---|---------|------------|------------|---|
| Benzene | ND | 1.00 | ug/L | 1 | B7L2908 | 12/29/2017 | 12/30/2017 | U |
| Toluene | ND | 1.00 | " | " | " | " | " | U |
| Ethylbenzene | ND | 1.00 | " | " | " | " | " | U |
| Xylenes, total | ND | 1.00 | " | " | " | " | " | U |

| | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 99.5 % | 84-121 | | | " | " | " | |
| Surrogate: Toluene-d8 | 101 % | 85-115 | | | " | " | " | |
| Surrogate: 4-Bromofluorobenzene | 98.6 % | 84-114 | | | " | " | " | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

Blank (B7L2908-BLK1)

Prepared: 12/29/2017 Analyzed: 12/29/2017

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|--|------|--------|--|--|---|
| Benzene | ND | 1.00 | ug/L | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 61 | | " | 62.5 | | 97.7 | 84-121 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 58 | | " | 62.5 | | 92.4 | 84-114 | | | |

Origins Laboratory, Inc.



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Noelle Doyle Mathis, President

Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

Blank (B7L2908-BLK2)

Prepared: 12/29/2017 Analyzed: 12/29/2017

| | | | | | | | | | | |
|----------------------------------|----|------|------|------|--|------|--------|--|--|---|
| Benzene | ND | 1.00 | ug/L | | | | | | | U |
| Toluene | ND | 1.00 | " | | | | | | | U |
| Ethylbenzene | ND | 1.00 | " | | | | | | | U |
| Xylenes, total | ND | 1.00 | " | | | | | | | U |
| Surrogate: 1,2-Dichloroethane-d4 | 55 | | " | 62.5 | | 87.5 | 84-121 | | | |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 97.0 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 56 | | " | 62.5 | | 89.6 | 84-114 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

LCS (B7L2908-BS1)

Prepared: 12/29/2017 Analyzed: 12/29/2017

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|----------|--|--|--|
| Benzene | 48.0 | 1.00 | ug/L | 50.0 | | 96.1 | 73.3-129 | | | |
| Toluene | 46.6 | 1.00 | " | 50.0 | | 93.3 | 76.2-123 | | | |
| Ethylbenzene | 47.4 | 1.00 | " | 50.0 | | 94.9 | 73.6-130 | | | |
| m,p-Xylene | 93.0 | 2.00 | " | 100 | | 93.0 | 76.1-126 | | | |
| o-Xylene | 47.0 | 1.00 | " | 50.0 | | 94.1 | 76.6-124 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 55 | | " | 62.5 | | 88.4 | 84-121 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.4 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 57 | | " | 62.5 | | 91.7 | 84-114 | | | |

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

LCS (B7L2908-BS2)

Prepared: 12/29/2017 Analyzed: 12/29/2017

| | | | | | | | | | | |
|----------------------------------|------|------|------|------|--|------|----------|--|--|--|
| Benzene | 47.3 | 1.00 | ug/L | 50.0 | | 94.5 | 73.3-129 | | | |
| Toluene | 44.8 | 1.00 | " | 50.0 | | 89.7 | 76.2-123 | | | |
| Ethylbenzene | 44.4 | 1.00 | " | 50.0 | | 88.8 | 73.6-130 | | | |
| m,p-Xylene | 85.9 | 2.00 | " | 100 | | 85.9 | 76.1-126 | | | |
| o-Xylene | 44.9 | 1.00 | " | 50.0 | | 89.7 | 76.6-124 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 59 | | " | 62.5 | | 93.8 | 84-121 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.8 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 57 | | " | 62.5 | | 91.2 | 84-114 | | | |

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Noelle Doyle Mathis, President

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 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

| Matrix Spike (B7L2908-MS1) | Source: Y712440-01 | | | Prepared: 12/29/2017 Analyzed: 12/29/2017 | | | | | | |
|-----------------------------------|---------------------------|------|------|--|----|------|--------|--|--|--|
| Benzene | 54.1 | 1.00 | ug/L | 50.0 | ND | 108 | 74-130 | | | |
| Toluene | 50.9 | 1.00 | " | 50.0 | ND | 102 | 73-131 | | | |
| Ethylbenzene | 51.0 | 1.00 | " | 50.0 | ND | 102 | 76-132 | | | |
| m,p-Xylene | 98.6 | 2.00 | " | 100 | ND | 98.6 | 69-139 | | | |
| o-Xylene | 50.6 | 1.00 | " | 50.0 | ND | 101 | 74-131 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 56 | | " | 62.5 | | 90.4 | 84-121 | | | |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 97.9 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 57 | | " | 62.5 | | 90.7 | 84-114 | | | |

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 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

| Matrix Spike (B7L2908-MS2) | Source: Y712440-02 | | | Prepared: 12/29/2017 Analyzed: 12/29/2017 | | | | | | |
|----------------------------------|--------------------|------|------|---|-------|------|--------|--|--|------|
| Benzene | 48.6 | 1.00 | ug/L | 50.0 | ND | 97.1 | 74-130 | | | |
| Toluene | 45.9 | 1.00 | " | 50.0 | ND | 91.7 | 73-131 | | | |
| Ethylbenzene | 46.1 | 1.00 | " | 50.0 | 0.060 | 92.0 | 76-132 | | | |
| m,p-Xylene | 89.2 | 2.00 | " | 100 | ND | 89.2 | 69-139 | | | |
| o-Xylene | 46.6 | 1.00 | " | 50.0 | ND | 93.3 | 74-131 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 49 | | " | 62.5 | | 78.6 | 84-121 | | | S-04 |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 97.9 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 57 | | " | 62.5 | | 91.0 | 84-114 | | | |

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.

Eagle Environmental Consulting, Inc.
 4101 Inca Street
 Denver CO 80211

Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

| Matrix Spike Dup (B7L2908-MSD1) | Source: Y712440-01 | | | Prepared: 12/29/2017 Analyzed: 12/29/2017 | | | | | | |
|----------------------------------|--------------------|------|------|---|----|------|--------|------|----|------|
| Benzene | 46.3 | 1.00 | ug/L | 50.0 | ND | 92.5 | 74-130 | 15.7 | 20 | |
| Toluene | 44.6 | 1.00 | " | 50.0 | ND | 89.3 | 73-131 | 13.1 | 20 | |
| Ethylbenzene | 44.8 | 1.00 | " | 50.0 | ND | 89.7 | 76-132 | 12.9 | 20 | |
| m,p-Xylene | 86.1 | 2.00 | " | 100 | ND | 86.1 | 69-139 | 13.5 | 20 | |
| o-Xylene | 44.2 | 1.00 | " | 50.0 | ND | 88.5 | 74-131 | 13.4 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 50 | | " | 62.5 | | 79.2 | 84-121 | | | S-04 |
| Surrogate: Toluene-d8 | 61 | | " | 62.5 | | 98.1 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 57 | | " | 62.5 | | 90.9 | 84-114 | | | |

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Dan Coloccia
 Project Number: [none]
 Project: SRC - Nelson East Tank Battery

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

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

Batch B7L2908 - EPA 5030B (Water)

| Matrix Spike Dup (B7L2908-MSD2) | Source: Y712440-02 | | | Prepared: 12/29/2017 Analyzed: 12/29/2017 | | | | | | |
|----------------------------------|--------------------|------|------|---|-------|------|--------|------|----|--|
| Benzene | 40.1 | 1.00 | ug/L | 50.0 | ND | 80.3 | 74-130 | 19.0 | 20 | |
| Toluene | 38.1 | 1.00 | " | 50.0 | ND | 76.2 | 73-131 | 18.5 | 20 | |
| Ethylbenzene | 38.2 | 1.00 | " | 50.0 | 0.060 | 76.4 | 76-132 | 18.5 | 20 | |
| m,p-Xylene | 74.8 | 2.00 | " | 100 | ND | 74.8 | 69-139 | 17.6 | 20 | |
| o-Xylene | 39.3 | 1.00 | " | 50.0 | ND | 78.7 | 74-131 | 17.0 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 56 | | " | 62.5 | | 89.8 | 84-121 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.0 | 85-115 | | | |
| Surrogate: 4-Bromofluorobenzene | 58 | | " | 62.5 | | 92.2 | 84-114 | | | |

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Denver CO 80211

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Notes and Definitions

U Sample is Non-Detect.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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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Noelle Doyle Mathis, President