



Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, Colorado 80202
720-929-6000 Fax 720-929-7000

October 3, 2016

Mr. Erik Mickelson
Senior HSE Representative
Kerr-McGee Oil & Gas Onshore LP
1099 18th Street, Suite 1800
Denver, Colorado 80202

**Re: Sump Closure Summary Report
Olin L 16-20
API: 05-123-30810
Facility ID: 414686
SWNW Sec 16-T3N-R66W
COGCC Remediation #8961**

Dear Mr. Mickelson:

Apex Companies, LLC (Apex) is providing Kerr-McGee Oil & Gas Onshore LP (Kerr-McGee) with this Sump Closure Summary Report (Report) to document sampling activities and the results of environmental testing at the above-referenced site. This Report is being submitted under the Form 27 Management Plan for Closure of Produced Water Vessels, which has been assigned Remediation #8961 by the COGCC. Apex provided the environmental services at the site that included collection of confirmation samples from the excavation and documentation of field activities, as described below.

Site Assessment Activities

The field activities described herein were performed on September 23, 2016, with the purpose of assessing potential hydrocarbon impacts at the site related to the closure of a produced water concrete sump. Soil sampling activities, laboratory analytical results, and conclusions are presented below. The general site layout and sample locations are provided on Figure 1.

The final extent of the excavation measured approximately 15 feet by 15 feet with an approximate depth of 5 feet below ground surface (bgs). No impacted soils were encountered in the excavation during closure activities. A liner was not present below the tanks and groundwater was not encountered in the excavation.

Confirmation soil samples were collected from the sidewalls of the excavation area at approximately 4 feet bgs and from the base of the excavation, beneath the former concrete sump, at 5 feet bgs. Soil samples were field screened for volatile organic compound (VOC) concentrations using a photoionization detector (PID). The confirmation soil sample collected from the base of the excavation (B01@5') was

submitted to Origins Laboratory in Denver, Colorado, for analysis of benzene, toluene, ethylbenzene, total xylenes (BTEX), total petroleum hydrocarbons (TPH) – gasoline range organics (GRO) by United States Environmental Protection Agency (USEPA) Method 8260, and TPH – diesel range and residual range organics (DRO and RRO) by USEPA Method 8015, electrical conductivity (EC), and pH. Soil analytical data is summarized in Table 1, and the laboratory analytical report is provided in Attachment A.

Results

Analytical results from soil sample B01@5' indicated that BTEX and TPH concentrations were below the applicable COGCC Table 910-1 standards. The remaining soil samples, collected from the sidewalls of the excavation area, were not submitted for laboratory analysis as analytical data confirmed the absence of petroleum hydrocarbon impacts above regulatory standards.

Conclusions

Analytical results described herein confirm BTEX and TPH impacts are not present at concentrations above applicable regulatory standards in the former sump location. Consequently, no further site assessment or remedial activity is necessary. Prior to site assessment activities, the produced water sump was permanently removed.

Please contact me at (303)242-8671 if you have any questions regarding this report or require additional information.

Sincerely,

Apex Companies, LLC

A handwritten signature in blue ink that reads "Jacob H. Hildebrand".

Jacob Hildebrand, PMP
Project Manager

Attachments:

Figure 1 – Site Map

Table 1 – Soil Sample Results Summary Table

Attachment A – Laboratory Analytical Report

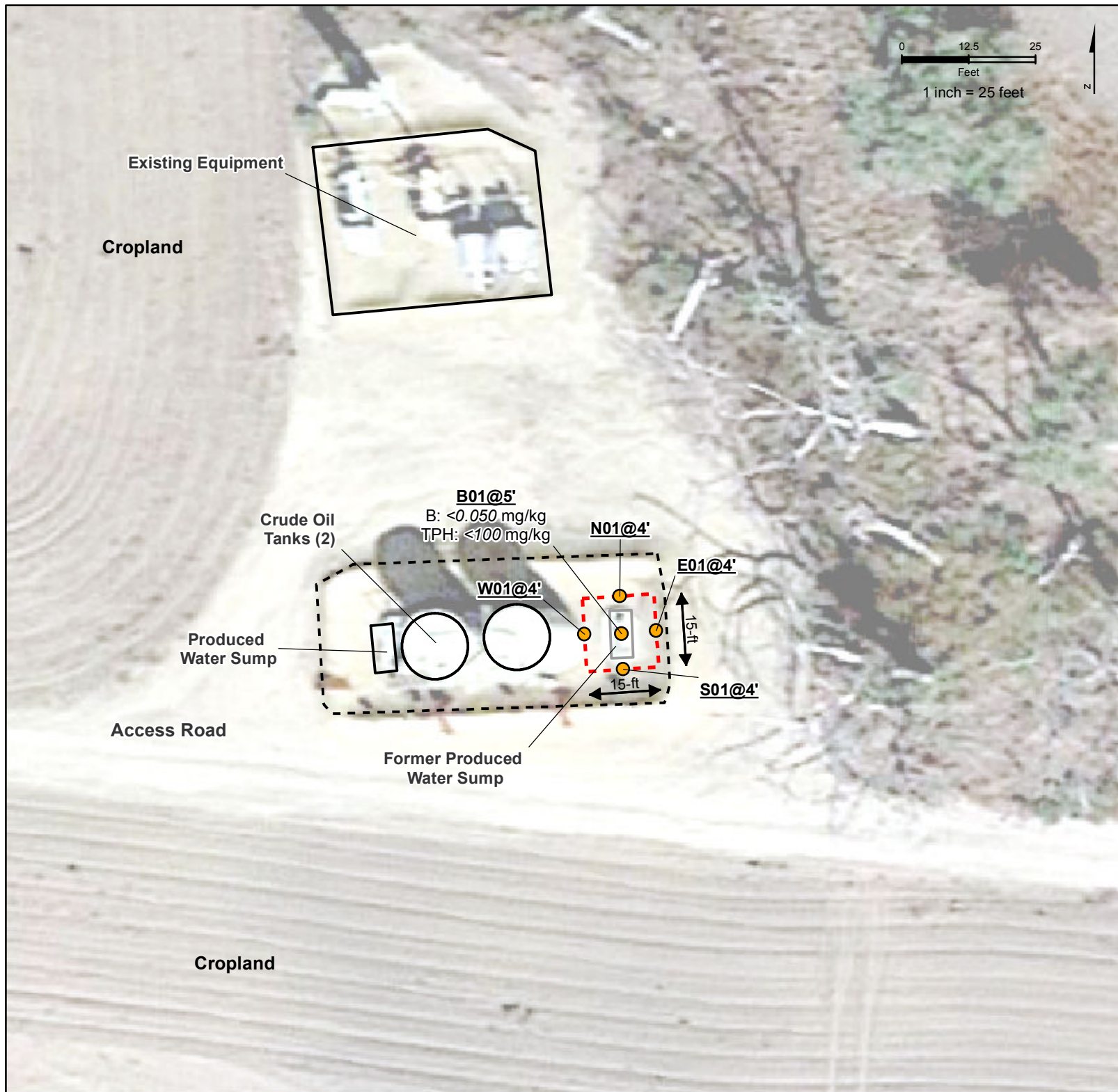


Figure 1
Olin L 16-20
Site Layout

Legend

- Soil Sample
- Existing Equipment
- Former Equipment
- Secondary Containment
- Excavation Extent

Sample Location

B: benzene
TPH: total petroleum hydrocarbons

Bold values exceed COGCC Table
910-1 allowable concentrations

Site Characteristics

Legal Location: SWNW, Sec 16, T3N R66W
County: Weld
Land Use: Cropland
Topography: 1-3%
Run-Off Risk: Low
Soil Type: Olney loamy sand

| REVISED | BY | COMMENT |
|-----------|-----|----------|
| 9/28/2016 | BJB | Figure 1 |

Apex Companies, LLC
beau.bergstrom@apexcos.com
M:\Projects\Anadarko\DJL_Basin\Remediation\Olin_L_16-20\Projects\Olin_L_16-20_Fig1.dwg 20160928.mxd



Table 1 - Soil Sample Analytical Results



Kerr-McGee Oil & Gas Onshore LP

Location Name: Olin L 16-20

Location ID: 414686

County: Weld

| COGCC Allowable Concentration → | | | Organics in Soil | | | | | | | Inorganics in Soil | |
|---------------------------------|-------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|----------------------|-------------------------|------------------------------------|-------|
| | | | 500 | | | 0.17 | 85 | 100 | 175 | (<4 or 2x background) | (6-9) |
| Sample ID | Sample Date | Depth (feet bgs) | TPH-GRO (mg/kg) | TPH-DRO (mg/kg) | TPH-RRO (mg/kg) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes - total (mg/kg) | Electrical Conductivity (mmhos/cm) | pH |
| B01@5' | 09/23/16 | 5 | <5.00 | <25.0 | <100 | <0.050 | <0.050 | <0.050 | <0.050 | 0.163 | 8.57 |

Notes:

TPH Total petroleum hydrocarbons
 GRO Gasoline range hydrocarbons (C6 - C10)
 DRO Diesel range organics (C10 - C28)
 RRO Residual range organics (C28 - C36)

Bold cell indicates result exceeded COGCC Table 910-1 allowable concentration for the contaminant / inorganic of concern

bgs below ground surface
 mg/kg milligrams per kilogram
 mmhos/cm millimhos per centimeter
 NA Not analyzed / not available
 COGCC Colorado Oil and Gas Conservation Commission

Attachment A

Laboratory Analytical Report



September 26, 2016

Apex Companies, LLC

Jake Hildebrand

4150 Darley Avenue, Suite 1

Boulder CO 80305

Project Name - KMG - Olin L 16-20

Project Number - [none]

Attached are your analytical results for KMG - Olin L 16-20 received by Origins Laboratory, Inc. September 23, 2016. This project is associated with Origins project number X609278-02.

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

Apex Companies, LLC

4150 Darley Avenue, Suite 1

Boulder CO 80305

Jake Hildebrand

Project Number: [none]

Project: KMG - Olin L 16-20

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|--------------------------|------------------|
| B01@5' | X609278-02 | Soil | September 23, 2016 14:43 | 09/23/2016 16:18 |

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.

Origins Laboratory, Inc.

Jose Pellegrini

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.

Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4609278

Client: Apex Companies

Client Project ID: Olin L 16-20

Checklist Completed by: Joe Henderson

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

Date/time completed: 9/23/16 16:41

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 19.4 °C 1 °C 1 °C (Describe) 1 °C

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"/> | | Sampled <u>Sampled</u> |
| 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"/> | | | <u>PH</u> |
| 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) JM

Date/Time Reviewed 9/23/16

Origins Laboratory, Inc.

Jefe Pellegrini

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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

B01@5'
9/23/2016 2:43:00PM

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

Origins Laboratory, Inc.
X609278-02 (Soil)

DRO/RRO by EPA8015C

| | | | | | | | | |
|-----------------------------------|----|------|-------|---|---------|------------|------------|---|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | 1 | B6I2306 | 09/23/2016 | 09/23/2016 | U |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | U |

Surrogate: o-Terphenyl 76.3 % 59-131 " " "

GBTEX by EPA 8260C

| | | | | | | | | |
|-----------------------------|----|-------|-------|----|---------|------------|------------|---|
| Gasoline Range Hydrocarbons | ND | 5.00 | mg/kg | 25 | B6I2302 | 09/23/2016 | 09/24/2016 | U |
| Benzene | ND | 0.050 | " | " | " | " | " | U |
| Toluene | ND | 0.050 | " | " | " | " | " | U |
| Ethylbenzene | ND | 0.050 | " | " | " | " | " | U |
| Xylenes, total | ND | 0.050 | " | " | " | " | " | U |

Surrogate: 1,2-Dichloroethane-d4 84.7 % 70-130 " " "
Surrogate: Toluene-d8 100 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 102 % 70-130 " " "

pH in Soil by EPA 9045D

| | | | | | | | | |
|----|------|--|----------|---|---------|------------|------------|--|
| pH | 8.57 | | pH Units | 1 | B6I2309 | 09/23/2016 | 09/23/2016 | |
|----|------|--|----------|---|---------|------------|------------|--|

Specific Conductance by Modified 9050A

| | | | | | | | | |
|---------------------------|-------|--|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.163 | | mmhos/cm | " | B6I2310 | 09/23/2016 | 09/23/2016 | |
|---------------------------|-------|--|----------|---|---------|------------|------------|--|

Origins Laboratory, Inc.



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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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 B6I2302 - EPA 5030 (soil) | | | | | | | | | | |
| Blank (B6I2302-BLK1) | | | | | Prepared: 09/23/2016 Analyzed: 09/23/2016 | | | | | |
| 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 |
| Surrogate: 1,2-Dichloroethane-d4 | 64 | | ug/kg | 62.5 | | 102 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.5 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 62 | | " | 62.5 | | 99.7 | 70-130 | | | |

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Apex Companies, LLC
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Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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 B6I2302 - EPA 5030 (soil) | | | | | | | | | | |
| LCS (B6I2302-BS1) | | | | | Prepared: 09/23/2016 Analyzed: 09/23/2016 | | | | | |
| Benzene | 0.096 | 0.002 | mg/kg | 0.100 | | 96.5 | 77.1-124 | | | |
| Toluene | 0.096 | 0.002 | " | 0.100 | | 96.2 | 74.5-128 | | | |
| Ethylbenzene | 0.089 | 0.002 | " | 0.100 | | 88.7 | 66.4-127 | | | |
| m,p-Xylene | 0.181 | 0.004 | " | 0.200 | | 90.3 | 76.6-124 | | | |
| o-Xylene | 0.090 | 0.002 | " | 0.100 | | 90.3 | 76.6-124 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 68 | | ug/kg | 62.5 | | 108 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 100 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | | 95.9 | 70-130 | | | |

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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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 B612302 - EPA 5030 (soil)

| Matrix Spike (B612302-MS1) | | Source: X609246-01 | | | Prepared: 09/23/2016 Analyzed: 09/23/2016 | | | | | |
|----------------------------------|-------|--------------------|-------|-------|---|------|----------|--|--|--|
| Benzene | 0.099 | 0.002 | mg/kg | 0.100 | ND | 99.3 | 71.8-126 | | | |
| Toluene | 0.098 | 0.002 | " | 0.100 | ND | 98.2 | 65.1-130 | | | |
| Ethylbenzene | 0.092 | 0.002 | " | 0.100 | ND | 91.8 | 62.2-130 | | | |
| m,p-Xylene | 0.188 | 0.004 | " | 0.200 | ND | 93.9 | 46.5-137 | | | |
| o-Xylene | 0.092 | 0.002 | " | 0.100 | ND | 91.8 | 54.2-134 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 66 | | ug/kg | 62.5 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 62 | | " | 62.5 | | 99.1 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 59 | | " | 62.5 | | 95.1 | 70-130 | | | |

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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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 B612302 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike Dup (B612302-MSD1) | | | | | Source: X609246-01 | | | | | Prepared: 09/23/2016 Analyzed: 09/23/2016 |
| Benzene | 0.097 | 0.002 | mg/kg | 0.100 | ND | 97.0 | 71.8-126 | 2.32 | 11.3 | |
| Toluene | 0.097 | 0.002 | " | 0.100 | ND | 97.4 | 65.1-130 | 0.777 | 15.4 | |
| Ethylbenzene | 0.090 | 0.002 | " | 0.100 | ND | 89.7 | 62.2-130 | 2.31 | 19.6 | |
| m,p-Xylene | 0.184 | 0.004 | " | 0.200 | ND | 91.9 | 46.5-137 | 2.11 | 19.2 | |
| o-Xylene | 0.089 | 0.002 | " | 0.100 | ND | 89.4 | 54.2-134 | 2.56 | 17.9 | |
| Surrogate: 1,2-Dichloroethane-d4 | 66 | | ug/kg | 62.5 | | 105 | 70-130 | | | |
| Surrogate: Toluene-d8 | 63 | | " | 62.5 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 60 | | " | 62.5 | | 96.0 | 70-130 | | | |

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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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 |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Extractable Petroleum Hydrocarbons by 8015C - Quality Control
Origins Laboratory, Inc.

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

Batch B6I2306 - EPA 3580

Blank (B6I2306-BLK1)

Prepared: 09/23/2016 Analyzed: 09/23/2016

| | | | | | | | | | | |
|-----------------------------------|----|------|-------|------|--|------|--------|--|--|---|
| Diesel (C10-C28) | ND | 50.0 | mg/kg | | | | | | | U |
| Residual Range Organics (C28-C40) | ND | 200 | " | | | | | | | U |
| Surrogate: o-Terphenyl | 36 | | " | 50.0 | | 72.0 | 59-131 | | | |

LCS (B6I2306-BS1)

Prepared: 09/23/2016 Analyzed: 09/23/2016

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 832 | 50.0 | mg/kg | 1000 | | 83.2 | 64-121 | | | |
| Residual Range Organics (C28-C40) | 978 | 200 | " | 1000 | | 97.8 | 58-124 | | | |
| Surrogate: o-Terphenyl | 42 | | " | 50.0 | | 84.0 | 59-131 | | | |

LCS Dup (B6I2306-BSD1)

Prepared: 09/23/2016 Analyzed: 09/23/2016

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|-------|----|--|
| Diesel (C10-C28) | 855 | 50.0 | mg/kg | 1000 | | 85.5 | 64-121 | 2.74 | 20 | |
| Residual Range Organics (C28-C40) | 982 | 200 | " | 1000 | | 98.2 | 58-124 | 0.409 | 20 | |
| Surrogate: o-Terphenyl | 43 | | " | 50.0 | | 85.5 | 59-131 | | | |

Origins Laboratory, Inc.



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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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 B6I2309 - NO PREP | | | | | | | | | | |
| Duplicate (B6I2309-DUP1) | Source: X609277-01 | | | | Prepared: 09/23/2016 Analyzed: 09/23/2016 | | | | | |
| pH | 7.82 | | pH Units | | 7.90 | | | 1.02 | 25 | |
| Batch B6I2310 - NO PREP | | | | | | | | | | |
| Blank (B6I2310-BLK1) | Prepared: 09/23/2016 Analyzed: 09/23/2016 | | | | | | | | | |
| Specific Conductance (EC) | 0.00250 | | mmhos/cm | | | | | | | |
| Duplicate (B6I2310-DUP1) | Source: X609277-01 | | | | Prepared: 09/23/2016 Analyzed: 09/23/2016 | | | | | |
| Specific Conductance (EC) | 0.0917 | | mmhos/cm | | 0.0919 | | | 0.218 | 25 | |

Origins Laboratory, Inc.



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Apex Companies, LLC
4150 Darley Avenue, Suite 1
Boulder CO 80305

Jake Hildebrand
Project Number: [none]
Project: KMG - Olin L 16-20

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.

Origins Laboratory, Inc.



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