

January 29, 2018

Olsson Associates

Jason Davidson

4690 Table Mountain Drive

Golden CO 80403

Project Name - Kraw-Albin #22-20 TB

Project Number - 018-0459

Attached are your analytical results for Kraw-Albin #22-20 TB received by Origins Laboratory, Inc. January 24, 2018. This project is associated with Origins project number Y801343-01.

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



Olsson Associates
4690 Table Mountain Drive
Golden CO 80403

Jason Davidson
Project Number: 018-0459
Project: Kraw-Albin #22-20 TB

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
West Base @ 38"	Y801343-01	Soil	January 23, 2018 9:30	01/24/2018 16:25
West Wall @ 26"	Y801343-02	Soil	January 23, 2018 9:35	01/24/2018 16:25
East Wall @ 48"	Y801343-03	Soil	January 23, 2018 10:10	01/24/2018 16:25
East Base @ 60"	Y801343-04	Soil	January 23, 2018 10:20	01/24/2018 16:25
North Wall @ 36"	Y801343-05	Soil	January 23, 2018 9:40	01/24/2018 16:25
South Wall @ 32"	Y801343-06	Soil	January 23, 2018 9:45	01/24/2018 16:25

Origins Laboratory, Inc.



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Olsson Associates
 4690 Table Mountain Drive
 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y801343

Client: Olsson Assoc.

Client Project ID: Kraw-Albin #22-20 TB

Checklist Completed by: SG

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

Date/time completed: 1/25/18

Airbill #: 077

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

Cooler Number/Temperature: 1 / 3.4 °C _____ / _____ °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"/>			
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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+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) JAD

Date/Time Reviewed 1/25/18

Origins Laboratory, Inc.



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Olsson Associates
 4690 Table Mountain Drive
 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

West Base @ 38"
1/23/2018 9:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y801343-01 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B8A2502	01/25/2018	01/25/2018	U
<i>Surrogate: o-Terphenyl</i>	78.7 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8A2501	01/25/2018	01/26/2018	U
Benzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	116 %	70-130			"	"	"	
<i>Surrogate: Toluene-d8</i>	97.5 %	70-130			"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	97.1 %	70-130			"	"	"	

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Olsson Associates
 4690 Table Mountain Drive
 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

West Wall @ 26"
1/23/2018 9:35:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y801343-02 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B8A2502	01/25/2018	01/25/2018	U
Surrogate: <i>o</i> -Terphenyl	88.4 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8A2501	01/25/2018	01/26/2018	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	115 %	70-130			"	"	"	
Surrogate: Toluene-d8	98.4 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %	70-130			"	"	"	

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Olsson Associates
 4690 Table Mountain Drive
 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

East Wall @ 48"

1/23/2018 10:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y801343-03 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B8A2502	01/25/2018	01/26/2018	U
Surrogate: o-Terphenyl	82.7 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8A2501	01/25/2018	01/26/2018	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	122 %	70-130			"	"	"	
Surrogate: Toluene-d8	95.2 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	98.2 %	70-130			"	"	"	

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Jason Davidson
 Project Number: 018-0459
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East Base @ 60"
1/23/2018 10:20:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y801343-04 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B8A2502	01/25/2018	01/26/2018	U
Surrogate: <i>o</i> -Terphenyl	84.9 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8A2501	01/25/2018	01/26/2018	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	121 %	70-130			"	"	"	
Surrogate: Toluene-d8	95.9 %	70-130			"	"	"	
Surrogate: 4-Bromofluorobenzene	98.4 %	70-130			"	"	"	

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Olsson Associates
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 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

North Wall @ 36"
1/23/2018 9:40:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y801343-05 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B8A2502	01/25/2018	01/26/2018	U
<i>Surrogate: o-Terphenyl</i>	88.9 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8A2501	01/25/2018	01/26/2018	U
Benzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	117 %	70-130			"	"	"	
<i>Surrogate: Toluene-d8</i>	97.5 %	70-130			"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	99.8 %	70-130			"	"	"	

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 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

South Wall @ 32"
1/23/2018 9:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y801343-06 (Soil)

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

Diesel (C10-C28)	ND	50.0	mg/kg	1	B8A2502	01/25/2018	01/26/2018	U
<i>Surrogate: o-Terphenyl</i>	86.8 %	59-131			"	"	"	

GBTEX by EPA 8260C

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8A2501	01/25/2018	01/26/2018	U
Benzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	117 %	70-130			"	"	"	
<i>Surrogate: Toluene-d8</i>	98.2 %	70-130			"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	99.6 %	70-130			"	"	"	

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Jason Davidson
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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 B8A2501 - EPA 5030 (soil)										
Blank (B8A2501-BLK1)										
					Prepared: 01/25/2018 Analyzed: 01/25/2018					
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	68		ug/kg	62.5		109	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.4	70-130			

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 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

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 B8A2501 - EPA 5030 (soil)										
Blank (B8A2501-BLK2)										
					Prepared: 01/25/2018 Analyzed: 01/25/2018					
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	70		ug/kg	62.5		113	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.7	70-130			

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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
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Batch B8A2501 - EPA 5030 (soil)

LCS (B8A2501-BS1)

Prepared: 01/25/2018 Analyzed: 01/25/2018

Benzene	0.104	0.002	mg/kg	0.100		104	77.1-124			
Toluene	0.101	0.002	"	0.100		101	74.5-128			
Ethylbenzene	0.095	0.002	"	0.100		95.2	66.4-127			
m,p-Xylene	0.192	0.004	"	0.200		96.1	76.6-124			
o-Xylene	0.101	0.002	"	0.100		101	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		97.8	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	59		"	62.5		94.0	70-130			

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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
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Batch B8A2501 - EPA 5030 (soil)

LCS (B8A2501-BS2)

Prepared: 01/25/2018 Analyzed: 01/25/2018

Benzene	0.099	0.002	mg/kg	0.100		99.2	77.1-124			
Toluene	0.098	0.002	"	0.100		97.8	74.5-128			
Ethylbenzene	0.095	0.002	"	0.100		95.0	66.4-127			
m,p-Xylene	0.193	0.004	"	0.200		96.6	76.6-124			
o-Xylene	0.100	0.002	"	0.100		100	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	63		ug/kg	62.5		100	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.6	70-130			

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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
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Batch B8A2501 - EPA 5030 (soil)

Matrix Spike (B8A2501-MS1)	Source: Y801337-01			Prepared: 01/25/2018 Analyzed: 01/25/2018						
Benzene	2.26	0.050	mg/kg	2.50	ND	90.4	71.8-126			
Toluene	2.22	0.050	"	2.50	0.022	88.1	65.1-130			
Ethylbenzene	2.15	0.050	"	2.50	0.019	85.3	62.2-130			
m,p-Xylene	4.38	0.100	"	5.00	0.037	86.8	46.5-137			
o-Xylene	2.28	0.050	"	2.50	0.016	90.5	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	60		ug/kg	62.5		96.0	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		95.3	70-130			

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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
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Batch B8A2501 - EPA 5030 (soil)

Matrix Spike (B8A2501-MS2)	Source: Y801337-02			Prepared: 01/25/2018 Analyzed: 01/25/2018						
Benzene	2.44	0.050	mg/kg	2.50	ND	97.5	71.8-126			
Toluene	2.41	0.050	"	2.50	ND	96.3	65.1-130			
Ethylbenzene	2.29	0.050	"	2.50	0.030	90.4	62.2-130			
m,p-Xylene	4.68	0.100	"	5.00	0.060	92.3	46.5-137			
o-Xylene	2.48	0.050	"	2.50	0.057	97.1	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	59		ug/kg	62.5		93.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.0	70-130			

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Jason Davidson
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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
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Batch B8A2501 - EPA 5030 (soil)

Matrix Spike Dup (B8A2501-MSD1)	Source: Y801337-01			Prepared: 01/25/2018 Analyzed: 01/25/2018						
Benzene	2.32	0.050	mg/kg	2.50	ND	92.8	71.8-126	2.66	11.3	
Toluene	2.29	0.050	"	2.50	0.022	90.6	65.1-130	2.75	15.4	
Ethylbenzene	2.18	0.050	"	2.50	0.019	86.4	62.2-130	1.22	19.6	
m,p-Xylene	4.40	0.100	"	5.00	0.037	87.2	46.5-137	0.513	19.2	
o-Xylene	2.30	0.050	"	2.50	0.016	91.5	54.2-134	1.09	17.9	
Surrogate: 1,2-Dichloroethane-d4	59		ug/kg	62.5		94.0	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		95.8	70-130			

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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
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Batch B8A2501 - EPA 5030 (soil)

Matrix Spike Dup (B8A2501-MSD2)	Source: Y801337-02			Prepared: 01/25/2018 Analyzed: 01/25/2018						
Benzene	2.50	0.050	mg/kg	2.50	ND	100	71.8-126	2.47	11.3	
Toluene	2.42	0.050	"	2.50	ND	96.7	65.1-130	0.456	15.4	
Ethylbenzene	2.31	0.050	"	2.50	0.030	91.2	62.2-130	0.891	19.6	
m,p-Xylene	4.64	0.100	"	5.00	0.060	91.7	46.5-137	0.697	19.2	
o-Xylene	2.48	0.050	"	2.50	0.057	97.0	54.2-134	0.101	17.9	
Surrogate: 1,2-Dichloroethane-d4	59		ug/kg	62.5		94.9	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		95.6	70-130			

Origins Laboratory, Inc.



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Olsson Associates
 4690 Table Mountain Drive
 Golden CO 80403

Jason Davidson
 Project Number: 018-0459
 Project: Kraw-Albin #22-20 TB

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
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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
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Batch B8A2502 - EPA 3550B

Blank (B8A2502-BLK1)				Prepared: 01/25/2018 Analyzed: 01/25/2018						
Diesel (C10-C28)	ND	50.0	mg/kg							U
Surrogate: o-Terphenyl	53		"	50.0		105	59-131			
Blank (B8A2502-BLK2)				Prepared: 01/25/2018 Analyzed: 01/25/2018						
Diesel (C10-C28)	ND	50.0	mg/kg							U
Surrogate: o-Terphenyl	46		"	50.0		92.0	59-131			
LCS (B8A2502-BS1)				Prepared: 01/25/2018 Analyzed: 01/25/2018						
Diesel (C10-C28)	1010	50.0	mg/kg	1000		101	64-121			
Surrogate: o-Terphenyl	52		"	50.0		104	59-131			
LCS (B8A2502-BS2)				Prepared: 01/25/2018 Analyzed: 01/25/2018						
Diesel (C10-C28)	950	50.0	mg/kg	1000		95.0	64-121			
Surrogate: o-Terphenyl	51		"	50.0		101	59-131			
Matrix Spike (B8A2502-MS1)		Source: Y801337-01			Prepared: 01/25/2018 Analyzed: 01/25/2018					
Diesel (C10-C28)	1020	50.0	mg/kg	1000	62.1	95.7	53-125			
Surrogate: o-Terphenyl	49		"	50.0		98.4	59-131			
Matrix Spike (B8A2502-MS2)		Source: Y801337-02			Prepared: 01/25/2018 Analyzed: 01/25/2018					
Diesel (C10-C28)	1060	50.0	mg/kg	1000	80.3	98.0	53-125			
Surrogate: o-Terphenyl	57		"	50.0		114	59-131			

Origins Laboratory, Inc.



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 Golden CO 80403

Jason Davidson
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 Project: Kraw-Albin #22-20 TB

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
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Batch B8A2502 - EPA 3550B

Matrix Spike Dup (B8A2502-MSD1)		Source: Y801337-01			Prepared: 01/25/2018 Analyzed: 01/25/2018					
Diesel (C10-C28)	889	50.0	mg/kg	1000	62.1	82.7	53-125	13.6	20	
Surrogate: o-Terphenyl	45		"	50.0		90.6	59-131			
Matrix Spike Dup (B8A2502-MSD2)		Source: Y801337-02			Prepared: 01/25/2018 Analyzed: 01/25/2018					
Diesel (C10-C28)	1050	50.0	mg/kg	1000	80.3	97.1	53-125	0.880	20	
Surrogate: o-Terphenyl	54		"	50.0		108	59-131			

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Jason Davidson
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Project: Kraw-Albin #22-20 TB

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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Jen Pellegrini For Noelle Doyle Mathis, President