



March 14, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Schell 12&13-5 O SA

Project Number - [none]

Attached are your analytical results for KMG - Schell 12&13-5 O SA received by Origins Laboratory, Inc. March 02, 2022. This project is associated with Origins project number Y203071-01.

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: KMG - Schell 12&13-5 O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SEP-B01@4'	Y203071-01	Soil	March 2, 2022 15:23	03/02/2022 18:06
SEP-B02@5'	Y203071-02	Soil	March 2, 2022 15:27	03/02/2022 18:06
AST-B01@3"	Y203071-03	Soil	March 2, 2022 16:08	03/02/2022 18:06
PW-B01@6'	Y203071-04	Soil	March 2, 2022 15:46	03/02/2022 18:06
PW-N01@3'	Y203071-05	Soil	March 2, 2022 16:18	03/02/2022 18:06
PW-BG01@3'	Y203071-06	Soil	March 2, 2022 16:51	03/02/2022 18:06
PW-BG01@6'	Y203071-07	Soil	March 2, 2022 16:55	03/02/2022 18:06
PH-01@6'	Y203071-08	Soil	March 2, 2022 16:36	03/02/2022 18:06
PH-02@6'	Y203071-09	Soil	March 2, 2022 16:41	03/02/2022 18:06

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: KMG - Schell 12&13-5 O SA

www.originslaboratory.com

page | of |

ORIGINS
LABORATORY, INC

7203071

Project Manager: D. Coloccia
Project Name: Schell 12&13-5 O SA
Project Number: 7203071
Samples Collected By: DC

Client: Eagle Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: (303) 433-0779
Email Address: d.coloccia@eagle-environmental.com

Fax: 303.265.9645

Phone: 303.433.1322

Denver, CO 80211

1725 Elk Place

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions			
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summary	Canister	Other	Full (check)	415-1 (check)		STEX	GPO	DRO/DO
SEP-B0104'	3/2/22	1523	2	X					X									1 SAR by Schell 12&13-5 O SA
SEP-B0205'		1527	1															2 Paste
AST-B0103'		1608	1															3 Boron - Pot water solid
PW-B0106'		1546	1															4
PW-N0106'		1618	1															5
PW-B0106'		1651	1															6
PW-B0106'		1655	1															7
PH-0106'		1636	2															8
PH-0106'		1641	2															9
																		10

Relinquished By: *DC*

Relinquished By:

Date: 3/2/22

Date:

Time: 1806

Time:

Received By: *[Signature]*

Received By:

Date: 3/2/22

Date:

Time: 1806

Time:

Turnaround Time:

Same Day: ☒ 24 Hr ☐ 48 Hr ☐ 72 Hr

Standard: ☐

Date Results Needed

Temp Received: 2.8

Origins Laboratory, Inc.

Bynon

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

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y203071

Client: Eagle

Client Project ID: Schell 12&13-5

Checklist Completed by: SG

Shipped Via: AD

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

Date/time completed: 3/2/22

Airbill #: N/A

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

☐ Water

☐ Other:

Cooler Number/Temperature: 1, 12.9 °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 ≤ 5°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 (> 1/4 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 3/2/22

Origins Laboratory, Inc.

J. Bynon

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

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

SEP-B01@4'

3/2/2022 3:23:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-01 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.5 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

Benzene	ND	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	86.4 %	70-130	"	"	"
Surrogate: Toluene-d8	102 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	94.8 %	70-130	"	"	"

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.
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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

SEP-B02@5'

3/2/2022 3:27:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-02 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl 81.0 % 50-150 " " "

GBTEX+TMBs by 8260D

Benzene	ND	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4 87.2 % 70-130 " " "
Surrogate: Toluene-d8 104 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 95.2 % 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: KMG - Schell 12&13-5 O SA

AST-B01@3"

3/2/2022 4:08:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-03 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	81.5 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

Benzene	ND	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Naphthalene	ND	0.00380	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	88.7 %	70-130	"	"	"
Surrogate: Toluene-d8	101 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	95.5 %	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: KMG - Schell 12&13-5 O SA

PW-B01@6'

3/2/2022 3:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.693	0.0990	mg/L	1	B2C0401	03/04/2022	03/07/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.1 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.0171	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022	
1,3,5-Trimethylbenzene	0.00522	0.00200	"	"	"	"	"	
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	0.00248	0.00200	"	"	"	"	"	
Xylenes, total	0.0155	0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.937	0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	116 %	70-130			"	"	"	
Surrogate: Toluene-d8	94.7 %	70-130			"	"	"	

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

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-B01@6'

3/2/2022 3:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	102 %	70-130	B2C02 31	03/02/2022	03/03/2022
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Metals by Saturated Paste by EPA 6010

Calcium	5.32	0.499	meq/L	10	[CALC]	03/04/2022	03/07/2022
Magnesium	5.74	0.823	"	"	"	"	"
Sodium	3.26	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.00504	0.00182	0.00335	mg/Kg	5	L603452	03/08/2022	03/09/2022
2-Methylnaphthalene	0.0089	0.00323	0.00335	"	"	"	"	"
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"
Anthracene	ND	0.00167	0.00335	"	"	"	"	"
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"
Chrysene	ND	0.00312	0.00335	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"
Fluorene	ND	0.00143	0.00335	"	"	"	"	"

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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-B01@6'

3/2/2022 3:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-04 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	mg/Kg	5	L603452	03/08/2022	03/09/2022	
Naphthalene	0.00292	0.00242	0.00335	"	"	"	"	"	J
Pyrene	ND	0.00322	0.00335	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	56.9 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	69 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	49.4 %		29-110			"	"	"	

pH in Soil by 9045D

pH	7.63			pH Units	1	B2C0404	03/04/2022	03/05/2022	
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SAR by 20B Saturated Paste

SAR	1.39			SAR	1	B2C0402	03/04/2022	03/07/2022	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.21		0.00500	mmhos/cm	1	B2C0405	03/04/2022	03/05/2022	
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Total Metals by 6020B

Arsenic	3.49	0.0855	0.25	mg/Kg	5	L603058	03/04/2022	03/09/2022	
Barium	41.8	0.042	0.25	"	"	"	"	"	

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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-B01@6'

3/2/2022 3:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-04 (Soil)

Total Metals by 6020B

Cadmium	0.0732	0.0259	0.25	mg/Kg	5	L603058	03/04/2022	03/09/2022	J
Copper	7.03	0.0806	0.25	"	"	"	"	"	
Lead	9.37	0.031	0.25	"	"	"	"	"	
Nickel	8.64	0.0633	0.25	"	"	"	"	"	
Selenium	0.605	0.103	0.25	"	"	"	"	"	
Silver	0.0467	0.0067	0.25	"	"	"	"	"	J
Zinc	38.1	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.507	mg/Kg	1	L604118	03/02/2022	03/10/2022	
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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-N01@3'

3/2/2022 4:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.802	0.100	mg/L	1	B2C0401	03/04/2022	03/07/2022
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	69.2	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	" U

Surrogate: o-Terphenyl	82.3 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.144	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022
1,3,5-Trimethylbenzene	0.0472	0.00200	"	"	"	"	"
Benzene	0.0169	0.00200	"	"	"	"	"
Ethylbenzene	0.0265	0.00200	"	"	"	"	"
Toluene	0.0667	0.00200	"	"	"	"	"
Xylenes, total	0.276	0.00200	"	"	"	"	"
Gasoline Range Hydrocarbons	5.41	0.200	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	117 %	70-130	"	"	"
Surrogate: Toluene-d8	95.6 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	106 %	70-130	"	"	"

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-N01@3'

3/2/2022 4:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-05 (Soil)

Metals by Saturated Paste by EPA 6010

Calcium	2.36	0.499	meq/L	10	[CALC]	03/04/2022	03/07/2022
Magnesium	4.05	0.823	"	"	"	"	"
Sodium	4.82	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.0709	0.000364	0.00067	mg/Kg	1	L603858	03/09/2022	03/09/2022
2-Methylnaphthalene	0.109	0.000645	0.00067	"	"	"	"	"
Acenaphthene	0.00736	0.000304	0.00067	"	"	"	"	"
Anthracene	0.000452	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	0.00117	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	0.000736	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	0.000686	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	0.000949	0.000437	0.00067	"	"	"	"	"
Chrysene	0.0102	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	0.00108	0.000394	0.00067	"	"	"	"	"
Fluorene	0.0233	0.000286	0.00067	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	0.0185	0.000484	0.00067	"	"	"	"	"
Pyrene	0.00368	0.000643	0.00067	"	"	"	"	"

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-N01@3'

3/2/2022 4:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-05 (Soil)

PAH by 8270D SIM

Surrogate: 2-Fluorobiphenyl	66.3 %		33-115			L6038 58	03/09/2022	03/09/2022	
Surrogate: 4-Terphenyl-d14	69.6 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	56.8 %		29-110			"	"	"	

pH in Soil by 9045D

pH	8.27			pH Units	1	B2C0404	03/04/2022	03/05/2022	
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SAR by 20B Saturated Paste

SAR	2.70			SAR	1	B2C0402	03/04/2022	03/07/2022	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.02		0.00500	mmhos/cm	1	B2C0405	03/04/2022	03/05/2022	
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Total Metals by 6020B

Arsenic	4.8	0.0855	0.25	mg/Kg	5	L603103	03/04/2022	03/09/2022	
Barium	31.7	0.042	0.25	"	"	"	"	"	
Cadmium	0.0738	0.0259	0.25	"	"	"	"	"	J
Copper	8.96	0.0806	0.25	"	"	"	"	"	
Lead	17.3	0.031	0.25	"	"	"	"	"	
Nickel	11.6	0.0633	0.25	"	"	"	"	"	
Selenium	0.449	0.103	0.25	"	"	"	"	"	

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: KMG - Schell 12&13-5 O SA

PW-N01@3'

3/2/2022 4:18:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-05 (Soil)

Total Metals by 6020B

Silver	0.0646	0.0067	0.25	mg/Kg	5	L603103	03/04/2022	03/09/2022	J
Zinc	47.8	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.245	0.503	mg/Kg	1	L604118	03/02/2022	03/10/2022	
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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: KMG - Schell 12&13-5 O SA

PW-BG01@3'

3/2/2022 4:51:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.798	0.0997	mg/L	1	B2C0401	03/04/2022	03/07/2022
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Metals by Saturated Paste by EPA 6010

Calcium	4.19	0.499	meq/L	10	[CALC]	03/04/2022	03/07/2022
Magnesium	6.67	0.823	"	"	"	"	"
Sodium	4.12	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.97		pH Units	1	B2C0404	03/04/2022	03/05/2022
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SAR by 20B Saturated Paste

SAR	1.77		SAR	1	B2C0402	03/04/2022	03/07/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.28	0.00500	mmhos/cm	1	B2C0405	03/04/2022	03/05/2022
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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: KMG - Schell 12&13-5 O SA

PW-BG01@6'

3/2/2022 4:55:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.529	0.0980	mg/L	1	B2C0401	03/04/2022	03/07/2022
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Metals by Saturated Paste by EPA 6010

Calcium	2.25	0.499	meq/L	10	[CALC]	03/04/2022	03/07/2022
Magnesium	3.87	0.823	"	"	"	"	"
Sodium	4.10	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.86		pH Units	1	B2C0404	03/04/2022	03/05/2022
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SAR by 20B Saturated Paste

SAR	2.34		SAR	1	B2C0402	03/04/2022	03/07/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.938	0.00500	mmhos/cm	1	B2C0405	03/04/2022	03/05/2022
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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: KMG - Schell 12&13-5 O SA

PH-01@6'

3/2/2022 4:36:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-08 (Soil)

Boron (DTPA Sorbitol)

Boron	1.08	0.100	mg/L	1	B2C0401	03/04/2022	03/07/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	75.8 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130			"	"	"	
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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: KMG - Schell 12&13-5 O SA

PH-01@6'

3/2/2022 4:36:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-08 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	94.9 %	70-130	B2C02 31	03/02/2022	03/03/2022
Surrogate: 4-Bromofluorobenzene	99.1 %	70-130	"	"	"


Metals by Saturated Paste by EPA 6010

Calcium	6.37	0.499	meq/L	10	[CALC]	03/04/2022	03/07/2022
Magnesium	8.55	0.823	"	"	"	"	"
Sodium	6.13	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00182	0.00335	mg/Kg	5	L603858	03/09/2022	03/09/2022
2-Methylnaphthalene	ND	0.00323	0.00335	"	"	"	"	"
Acenaphthene	ND	0.00152	0.00335	"	"	"	"	"
Anthracene	ND	0.00167	0.00335	"	"	"	"	"
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"
Chrysene	ND	0.00312	0.00335	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"

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: KMG - Schell 12&13-5 O SA

PH-01@6'

3/2/2022 4:36:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-08 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.00143	0.00335	mg/Kg	5	L603858	03/09/2022	03/09/2022
Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	"	"	"	"	"
Naphthalene	ND	0.00242	0.00335	"	"	"	"	"
Pyrene	ND	0.00322	0.00335	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	53.6 %		33-115			"	"	"
Surrogate: 4-Terphenyl-d14	66.4 %		33-122			"	"	"
Surrogate: Nitrobenzene-d5	49.1 %		29-110			"	"	"

pH in Soil by 9045D

pH	7.61			pH Units	1	B2C0404	03/04/2022	03/05/2022
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SAR by 20B Saturated Paste

SAR	2.25			SAR	1	B2C0402	03/04/2022	03/07/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.76		0.00500	mmhos/cm	1	B2C0405	03/04/2022	03/05/2022
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Total Metals by 6020B

Arsenic	2.09	0.0855	0.25	mg/Kg	5	L603058	03/04/2022	03/09/2022
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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: KMG - Schell 12&13-5 O SA

PH-01@6'

3/2/2022 4:36:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-08 (Soil)

Total Metals by 6020B

Barium	63.9	0.042	0.25	mg/Kg	5	L603058	03/04/2022	03/09/2022	
Cadmium	0.0811	0.0259	0.25	"	"	"	"	"	J
Copper	5.66	0.0806	0.25	"	"	"	"	"	
Lead	6.94	0.031	0.25	"	"	"	"	"	
Nickel	7.44	0.0633	0.25	"	"	"	"	"	
Selenium	0.587	0.103	0.25	"	"	"	"	"	
Silver	0.0275	0.0067	0.25	"	"	"	"	"	J
Zinc	32.3	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.507	mg/Kg	1	L604118	03/02/2022	03/10/2022	
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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: KMG - Schell 12&13-5 O SA

PH-02@6'

3/2/2022 4:41:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-09 (Soil)

Boron (DTPA Sorbitol)

Boron	0.663	0.100	mg/L	1	B2C0401	03/04/2022	03/07/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2C0233	03/02/2022	03/03/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	82.4 %	50-150			"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2C0231	03/02/2022	03/03/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	111 %	70-130			"	"	"
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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: KMG - Schell 12&13-5 O SA

PH-02@6'

3/2/2022 4:41:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203071-09 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	95.2 %	70-130	B2C02 31	03/02/2022	03/03/2022
Surrogate: 4-Bromofluorobenzene	99.5 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	3.59	0.499	meq/L	10	[CALC]	03/04/2022	03/07/2022
Magnesium	4.25	0.823	"	"	"	"	"
Sodium	3.65	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L603858	03/09/2022	03/09/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

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: KMG - Schell 12&13-5 O SA

PH-02@6'

3/2/2022 4:41:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc. Y203071-09 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L603858	03/09/2022	03/09/2022
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	55.8 %		33-115			"	"	"
Surrogate: 4-Terphenyl-d14	79.8 %		33-122			"	"	"
Surrogate: Nitrobenzene-d5	46.9 %		29-110			"	"	"

pH in Soil by 9045D

pH	7.95			pH Units	1	B2C0404	03/04/2022	03/05/2022
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SAR by 20B Saturated Paste

SAR	1.85			SAR	1	B2C0402	03/04/2022	03/07/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.06		0.00500	mmhos/cm	1	B2C0405	03/04/2022	03/05/2022
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Total Metals by 6020B

Arsenic	4.27	0.0855	0.25	mg/Kg	5	L603058	03/04/2022	03/09/2022
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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: KMG - Schell 12&13-5 O SA

PH-02@6'

3/2/2022 4:41:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, Inc.
Y203071-09 (Soil)

Total Metals by 6020B

Barium	23.1	0.042	0.25	mg/Kg	5	L603058	03/04/2022	03/09/2022	
Cadmium	0.0516	0.0259	0.25	"	"	"	"	"	J
Copper	9.89	0.0806	0.25	"	"	"	"	"	
Lead	10.8	0.031	0.25	"	"	"	"	"	
Nickel	10.1	0.0633	0.25	"	"	"	"	"	
Selenium	0.365	0.103	0.25	"	"	"	"	"	
Silver	0.0353	0.0067	0.25	"	"	"	"	"	J
Zinc	42.4	0.534	2.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.253	0.519	mg/Kg	1	L604118	03/02/2022	03/10/2022	
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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: KMG - Schell 12&13-5 O SA

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 B2C0231 - EPA 5030 (soil)										
Blank (B2C0231-BLK1)					Prepared: 03/02/2022 Analyzed: 03/02/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.0100	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		82.5	70-130			
Surrogate: Toluene-d8	0.14		"	0.125		110	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.8	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: KMG - Schell 12&13-5 O SA

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
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Batch B2C0231 - EPA 5030 (soil)

LCS (B2C0231-BS1)

Prepared: 03/02/2022 Analyzed: 03/02/2022

1,2,4-Trimethylbenzene	0.0901	0.00200	mg/kg	0.100		90.1	70-130			
1,3,5-Trimethylbenzene	0.0910	0.00200	"	0.100		91.0	70-130			
Benzene	0.0768	0.00200	"	0.100		76.8	70-130			
Ethylbenzene	0.0889	0.00200	"	0.100		88.9	70-130			
Naphthalene	0.0883	0.0100	"	0.100		88.3	70-130			
Toluene	0.0828	0.00200	"	0.100		82.8	70-130			
o-Xylene	0.0898	0.00200	"	0.100		89.8	70-130			
m,p-Xylene	0.179	0.00400	"	0.200		89.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.10		"	0.125		83.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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
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Batch B2C0231 - EPA 5030 (soil)

Matrix Spike (B2C0231-MS1)		Source: Y203070-01			Prepared: 03/02/2022 Analyzed: 03/02/2022					
1,2,4-Trimethylbenzene	0.132	0.00200	mg/kg	0.100	0.0172	115	70-130			
1,3,5-Trimethylbenzene	0.123	0.00200	"	0.100	0.00726	116	70-130			
Benzene	0.103	0.00200	"	0.100	ND	103	70-130			
Ethylbenzene	0.115	0.00200	"	0.100	ND	115	70-130			
Naphthalene	0.124	0.0100	"	0.100	0.000540	123	70-130			
Toluene	0.105	0.00200	"	0.100	ND	105	70-130			
o-Xylene	0.115	0.00200	"	0.100	ND	115	70-130			
m,p-Xylene	0.249	0.00400	"	0.200	0.0231	113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		85.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.4	70-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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 B2C0231 - EPA 5030 (soil)										
Matrix Spike Dup (B2C0231-MSD1)		Source: Y203070-01			Prepared: 03/02/2022 Analyzed: 03/02/2022					
1,2,4-Trimethylbenzene	0.0980	0.00200	mg/kg	0.100	0.0172	80.8	70-130	29.5	20	QR-02
1,3,5-Trimethylbenzene	0.0930	0.00200	"	0.100	0.00726	85.8	70-130	27.7	20	QR-02
Benzene	0.0811	0.00200	"	0.100	ND	81.1	70-130	23.4	20	QR-02
Ethylbenzene	0.0871	0.00200	"	0.100	ND	87.1	70-130	27.5	20	QR-02
Naphthalene	0.0991	0.0100	"	0.100	0.000540	98.5	70-130	22.2	20	QR-02
Toluene	0.0826	0.00200	"	0.100	ND	82.6	70-130	23.4	20	QR-02
o-Xylene	0.0887	0.00200	"	0.100	ND	88.7	70-130	26.0	20	QR-02
m,p-Xylene	0.184	0.00400	"	0.200	0.0231	80.3	70-130	30.4	20	QR-02
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		88.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.1	70-130			

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Dan Coloccia
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Project: KMG - Schell 12&13-5 O SA

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 B2C0233 - EPA 3550B										
Blank (B2C0233-BLK1)					Prepared: 03/02/2022 Analyzed: 03/03/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		83.4	50-150			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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
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Batch B2C0233 - EPA 3550B

LCS (B2C0233-BS1)

Prepared: 03/02/2022 Analyzed: 03/03/2022

Diesel (C10-C28)	998	50.0	mg/kg	1000		99.8	70-130			
Residual Range Organics (C28-C40)	854	200	"	1000		85.4	70-130			
Surrogate: o-Terphenyl	39		"	49.8		78.4	50-150			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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
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Batch B2C0233 - EPA 3550B

Matrix Spike (B2C0233-MS1)		Source: Y203070-01			Prepared: 03/02/2022 Analyzed: 03/03/2022					
Diesel (C10-C28)	1010	50.0	mg/kg	1000	ND	101	70-130			
Residual Range Organics (C28-C40)	890	200	"	1000	ND	89.0	70-130			
Surrogate: o-Terphenyl	40		"	49.8		80.8	50-150			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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 B2C0233 - EPA 3550B										
Matrix Spike Dup (B2C0233-MSD1)		Source: Y203070-01			Prepared: 03/02/2022 Analyzed: 03/03/2022					
Diesel (C10-C28)	963	50.0	mg/kg	1000	ND	96.3	70-130	5.01	35	
Residual Range Organics (C28-C40)	912	200	"	1000	ND	91.2	70-130	2.46	35	
Surrogate: o-Terphenyl	48		"	49.8		96.5	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Saturated Paste - 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 B2C0404 - NO PREP

Duplicate (B2C0404-DUP1)

Source: Y203069-06

Prepared: 03/04/2022 Analyzed: 03/05/2022

pH	8.22		pH Units	8.13		1.10	25
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Batch B2C0405 - NO PREP

Blank (B2C0405-BLK1)

Prepared: 03/04/2022 Analyzed: 03/05/2022

Specific Conductance (EC)	0.00120	0.00500	mmhos/cm
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Duplicate (B2C0405-DUP1)

Source: Y203069-06

Prepared: 03/04/2022 Analyzed: 03/05/2022

Specific Conductance (EC)	0.283	0.00500	mmhos/cm	0.297		4.62	25
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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603858 - 3550B

MSD (L 86059-MSD-L603858)		Source: 86059			Prepared: 03/09/2022 Analyzed: 03/09/2022					
Dibenz(a,h)anthracene	0.1	0.000614	mg/Kg	0.163	86059	61.3	30-130	9.5	30	
Chrysene	0.111	0.000624	"	0.163	86059	68	30-130	6.1	30	
Benzo(b)fluoranthene	0.073	0.000585	"	0.163	86059	44.7	30-130	1.2	30	
Benzo(a)anthracene	0.108	0.000493	"	0.163	86059	66.2	30-130	3.6	30	
Anthracene	0.0999	0.000334	"	0.163	86059	61.2	30-130	5.9	30	
Acenaphthene	0.0861	0.000304	"	0.163	86059	52.8	30-130	5.4	30	
2-Methylnaphthalene	0.0902	0.000645	"	0.163	86059	55.3	30-130	4.5	30	
1-Methylnaphthalene	0.0996	0.000364	"	0.163	86059	61.1	30-130	3.3	30	
Fluoranthene	0.107	0.000394	"	0.163	86059	65.6	30-130	5.4	30	
Benzo(k)fluoranthene	0.0828	0.000437	"	0.163	86059	50.7	30-130	6.7	30	
Indeno(1,2,3-cd)pyrene	0.0788	0.000627	"	0.163	86059	48.3	30-130	9	30	
Naphthalene	0.0979	0.000484	"	0.163	86059	60	30-130	1.5	30	
Pyrene	0.104	0.000643	"	0.163	86059	63.8	30-130	8.2	30	
Fluorene	0.0958	0.000286	"	0.163	86059	58.7	30-130	5.2	30	
Benzo(a)pyrene	0.116	0.000468	"	0.163	86059	71.1	30-130	5.8	30	
Surrogate: 2-Fluorobiphenyl	67.4		"	0.326	214	67.4	33-115			
Surrogate: 4-Terphenyl-d14	83.4		"	0.326	318	83.4	33-122			
Surrogate: Nitrobenzene-d5	58.8		"	0.326	187	58.8	29-110			

MS (L 86059-MS-L603858)		Source: 86059			Prepared: 03/09/2022 Analyzed: 03/09/2022					
Benzo(a)anthracene	0.112	0.000493	mg/Kg	0.163	86059	68.7	30-130			
Naphthalene	0.0994	0.000484	"	0.163	86059	60.9	30-130			
Indeno(1,2,3-cd)pyrene	0.0863	0.000627	"	0.163	86059	52.9	30-130			
Fluorene	0.101	0.000286	"	0.163	86059	61.9	30-130			
Fluoranthene	0.113	0.000394	"	0.163	86059	69.3	30-130			
Dibenz(a,h)anthracene	0.11	0.000614	"	0.163	86059	67.4	30-130			
Chrysene	0.118	0.000624	"	0.163	86059	72.3	30-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603858 - 3550B

MS (L 86059-MS-L603858)		Source: 86059			Prepared: 03/09/2022 Analyzed: 03/09/2022					
Benzo(k)fluoranthene	0.0886	0.000437	mg/Kg	0.163	86059	54.3	30-130			
Benzo(a)pyrene	0.123	0.000468	"	0.163	86059	75.4	30-130			
Anthracene	0.106	0.000334	"	0.163	86059	65	30-130			
Acenaphthene	0.0909	0.000304	"	0.163	86059	55.7	30-130			
2-Methylnaphthalene	0.0944	0.000645	"	0.163	86059	57.9	30-130			
1-Methylnaphthalene	0.103	0.000364	"	0.163	86059	63.1	30-130			
Pyrene	0.113	0.000643	"	0.163	86059	69.3	30-130			
Benzo(b)fluoranthene	0.0721	0.000585	"	0.163	86059	44.2	30-130			
Surrogate: Nitrobenzene-d5	57.4		"	0.327	187	57.4	29-110			
Surrogate: 4-Terphenyl-d14	88.3		"	0.327	318	88.3	33-122			
Surrogate: 2-Fluorobiphenyl	67.2		"	0.327	214	67.2	33-115			

LCS (LCS-L603858)		Prepared: 03/09/2022 Analyzed: 03/09/2022								
2-Methylnaphthalene	0.0917	0.000645	mg/Kg	0.167		54.9	30-130			
Fluoranthene	0.113	0.000394	"	0.167		67.6	30-130			
1-Methylnaphthalene	0.1	0.000364	"	0.167		59.8	30-130			
Acenaphthene	0.0874	0.000304	"	0.167		52.3	30-130			
Benzo(b)fluoranthene	0.0773	0.000585	"	0.167		46.2	30-130			
Benzo(k)fluoranthene	0.0922	0.000437	"	0.167		55.2	30-130			
Dibenz(a,h)anthracene	0.108	0.000614	"	0.167		64.6	30-130			
Fluorene	0.0976	0.000286	"	0.167		58.4	30-130			
Indeno(1,2,3-cd)pyrene	0.0831	0.000627	"	0.167		49.7	30-130			
Benzo(a)anthracene	0.118	0.000493	"	0.167		70.6	30-130			
Pyrene	0.113	0.000643	"	0.167		67.6	30-130			
Benzo(a)pyrene	0.126	0.000468	"	0.167		75.4	30-130			
Naphthalene	0.0982	0.000484	"	0.167		58.8	30-130			
Chrysene	0.115	0.000624	"	0.167		68.8	30-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603858 - 3550B

LCS (LCS-L603858)

Prepared: 03/09/2022 Analyzed: 03/09/2022

Anthracene	0.104	0.000334	mg/Kg	0.167		62.2	30-130			
Surrogate: 4-Terphenyl-d14	91.5		"	0.333		91.5	33-122			
Surrogate: 2-Fluorobiphenyl	74.1		"	0.333		74.1	33-115			
Surrogate: Nitrobenzene-d5	61.5		"	0.333		61.5	29-110			

LRB (LRB-L603858)

Prepared: 03/09/2022 Analyzed: 03/09/2022

Fluorene	ND	0.00067	mg/Kg				-			
Fluoranthene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	60.9		"	0.333		60.9	29-110			
Surrogate: 4-Terphenyl-d14	95.1		"	0.333		95.1	33-122			
Surrogate: 2-Fluorobiphenyl	75.6		"	0.333		75.6	33-115			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603452 - 3550B

MSD (L 85491-MSD-L603452)		Source: 85491			Prepared: 03/08/2022 Analyzed: 03/09/2022					
Chrysene	0.102	0.000624	mg/Kg	0.163	0.00636	58.6	30-130	11.9	30	
Benzo(k)fluoranthene	0.079	0.000437	"	0.163	85491	48.4	30-130	36.2	30	
Pyrene	0.0961	0.000643	"	0.163	0.00249	57.4	30-130	17.9	30	
Naphthalene	0.0866	0.000484	"	0.163	0.000498	52.8	30-130	16.3	30	
Indeno(1,2,3-cd)pyrene	0.117	0.000627	"	0.163	85491	71.7	30-130	14.2	30	
Fluorene	0.0957	0.000286	"	0.163	0.00427	56	30-130	16.5	30	
Benzo(b)fluoranthene	0.104	0.000585	"	0.163	85491	63.8	30-130	12.6	30	
Dibenz(a,h)anthracene	0.118	0.000614	"	0.163	85491	72.3	30-130	16.3	30	
1-Methylnaphthalene	0.092	0.000364	"	0.163	0.00176	55.3	30-130	16	30	
Benzo(a)pyrene	0.115	0.000468	"	0.163	0.00067	70.1	30-130	10.6	30	
Benzo(a)anthracene	0.106	0.000493	"	0.163	0.00099	64.4	30-130	18	30	
Anthracene	0.0845	0.000334	"	0.163	0.00131	51	30-130	19.7	30	
Acenaphthene	0.093	0.000304	"	0.163	0.00167	56	30-130	15.8	30	
2-Methylnaphthalene	0.088	0.000645	"	0.163	0.00137	53.1	30-130	19.4	30	
Fluoranthene	0.061	0.000394	"	0.163	85491	37.4	30-130	60.5	30	
Surrogate: Nitrobenzene-d5	54.4		"	0.327	167	54.4	29-110			
Surrogate: 4-Terphenyl-d14	61.1		"	0.327	197	61.1	33-122			
Surrogate: 2-Fluorobiphenyl	54.1		"	0.327	165	54.1	33-115			

MS (L 85491-MS-L603452)		Source: 85491			Prepared: 03/08/2022 Analyzed: 03/09/2022					
Benzo(k)fluoranthene	0.114	0.000437	mg/Kg	0.163	85491	69.9	30-130			
Dibenz(a,h)anthracene	0.139	0.000614	"	0.163	85491	85.2	30-130			
Benzo(a)pyrene	0.128	0.000468	"	0.163	0.00067	78.1	30-130			
2-Methylnaphthalene	0.107	0.000645	"	0.163	0.00137	64.8	30-130			
Acenaphthene	0.109	0.000304	"	0.163	0.00167	65.8	30-130			
Anthracene	0.103	0.000334	"	0.163	0.00131	62.3	30-130			
Benzo(a)anthracene	0.127	0.000493	"	0.163	0.00099	77.3	30-130			

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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603452 - 3550B

MS (L 85491-MS-L603452)		Source: 85491			Prepared: 03/08/2022 Analyzed: 03/09/2022					
Chrysene	0.115	0.000624	mg/Kg	0.163	0.00636	66.6	30-130			
1-Methylnaphthalene	0.108	0.000364	"	0.163	0.00176	65.1	30-130			
Fluoranthene	0.114	0.000394	"	0.163	85491	69.9	30-130			
Fluorene	0.113	0.000286	"	0.163	0.00427	66.7	30-130			
Indeno(1,2,3-cd)pyrene	0.135	0.000627	"	0.163	85491	82.8	30-130			
Naphthalene	0.102	0.000484	"	0.163	0.000498	62.2	30-130			
Pyrene	0.115	0.000643	"	0.163	0.00249	69	30-130			
Benzo(b)fluoranthene	0.118	0.000585	"	0.163	85491	72.3	30-130			
Surrogate: 4-Terphenyl-d14	63.9		"	0.327	197	63.9	33-122			
Surrogate: 2-Fluorobiphenyl	55.9		"	0.327	165	55.9	33-115			
Surrogate: Nitrobenzene-d5	52.9		"	0.327	167	52.9	29-110			

LCS (LCS-L603452)

Prepared: 03/08/2022 Analyzed: 03/09/2022

Fluoranthene	0.11	0.000394	mg/Kg	0.167		65.8	30-130
Acenaphthene	0.098	0.000304	"	0.167		58.6	30-130
Anthracene	0.102	0.000334	"	0.167		61	30-130
Benzo(a)anthracene	0.104	0.000493	"	0.167		62.2	30-130
Benzo(a)pyrene	0.115	0.000468	"	0.167		68.8	30-130
Benzo(b)fluoranthene	0.11	0.000585	"	0.167		65.8	30-130
Benzo(k)fluoranthene	0.0917	0.000437	"	0.167		54.9	30-130
Chrysene	0.109	0.000624	"	0.167		65.2	30-130
1-Methylnaphthalene	0.0937	0.000364	"	0.167		56.1	30-130
Dibenz(a,h)anthracene	0.0993	0.000614	"	0.167		59.4	30-130
Fluorene	0.104	0.000286	"	0.167		62.2	30-130
Indeno(1,2,3-cd)pyrene	0.094	0.000627	"	0.167		56.2	30-130
Naphthalene	0.0917	0.000484	"	0.167		54.9	30-130
Pyrene	0.11	0.000643	"	0.167		65.8	30-130

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603452 - 3550B

LCS (LCS-L603452)

Prepared: 03/08/2022 Analyzed: 03/09/2022

2-Methylnaphthalene	0.0945	0.000645	mg/Kg	0.167		56.5	30-130			
Surrogate: 4-Terphenyl-d14	68.7		"	0.333		68.7	33-122			
Surrogate: Nitrobenzene-d5	56.4		"	0.333		56.4	29-110			
Surrogate: 2-Fluorobiphenyl	62.1		"	0.333		62.1	33-115			

LRB (LRB-L603452)

Prepared: 03/08/2022 Analyzed: 03/09/2022

Pyrene	ND	0.00067	mg/Kg				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Chrysene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Surrogate: 2-Fluorobiphenyl	57		"	0.333		57	33-115			
Surrogate: 4-Terphenyl-d14	63		"	0.333		63	33-122			
Surrogate: Nitrobenzene-d5	54		"	0.333		54	29-110			

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L603103 - 3050B										
MSD (L 94623-MSD-L603103)			Source: 94623		Prepared: 03/04/2022 Analyzed: 03/09/2022					
Copper	13.9	0.0806	mg/Kg	2.3	11.7	96	75-125	8.2	80	
Arsenic	3.82	0.0855	"	2.3	2.06	77	75-125	6.8	80	
Cadmium	0.614	0.0259	"	0.46	0.171	96	75-125	10.2	80	
Lead	13.1	0.031	"	2.3	10.7	104	75-125	5.9	80	
Nickel	13.5	0.0633	"	2.3	10.7	122	75-125	5.7	80	
Selenium	3.44	0.103	"	4.6	0.379	67	75-125	8.6	80	*
Silver	0.504	0.0067	"	0.46	0.0521	98	75-125	13.5	80	
Zinc	71.2	0.534	"	23	48.2	100	75-125	8.8	80	
Barium	128	0.042	"	4.6	132	NR	75-125	24	80	*
MS (L 94623-MS-L603103)			Source: 94623		Prepared: 03/04/2022 Analyzed: 03/09/2022					
Copper	15.1	0.0806	mg/Kg	2.45	11.7	139	75-125			*
Zinc	77.8	0.534	"	24.5	48.2	121	75-125			
Arsenic	4.09	0.0855	"	2.45	2.06	83	75-125			
Cadmium	0.68	0.0259	"	0.49	0.171	104	75-125			
Lead	13.9	0.031	"	2.45	10.7	131	75-125			*
Barium	163	0.042	"	4.9	132	633	75-125			*
Selenium	3.75	0.103	"	4.9	0.379	69	75-125			*
Nickel	14.3	0.0633	"	2.45	10.7	147	75-125			*
Silver	0.577	0.0067	"	0.49	0.0521	107	75-125			
LCS (LCS-L603103)			Prepared: 03/04/2022 Analyzed: 03/09/2022							
Silver	0.499	0.0067	mg/Kg	0.5		100	80-120			
Copper	2.37	0.0806	"	2.5		95	80-120			
Cadmium	0.473	0.0259	"	0.5		95	80-120			
Barium	5.12	0.042	"	5		102	80-120			
Arsenic	2.38	0.0855	"	2.5		95	80-120			

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603103 - 3050B

LCS (LCS-L603103)

Prepared: 03/04/2022 Analyzed: 03/09/2022

Nickel	2.45	0.0633	mg/Kg	2.5		98	80-120			
Selenium	4.53	0.103	"	5		91	80-120			
Lead	2.5	0.031	"	2.5		100	80-120			
Zinc	22.7	0.534	"	25		91	80-120			

LRB (LRB-L603103)

Prepared: 03/04/2022 Analyzed: 03/09/2022

Arsenic	ND	0.25	mg/Kg				-			
Barium	0.0638	0.25	"				-			J
Cadmium	ND	0.25	"				-			
Selenium	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Nickel	ND	0.25	"				-			
Zinc	ND	2.5	"				-			
Silver	ND	0.25	"				-			
Copper	ND	0.25	"				-			

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L603058 - 3050B										
MSD (L 86084-MSD-L603058)			Source: Y203071-09		Prepared: 03/04/2022 Analyzed: 03/09/2022					
Selenium	3.61	0.103	mg/Kg	4.66	0.365	70	75-125	9.7	80	*
Nickel	10.8	0.0633	"	2.33	10.1	30	75-125	8	80	*
Arsenic	6.32	0.0855	"	2.33	4.27	88	75-125	9.6	80	
Barium	25.3	0.042	"	4.66	23.1	47	75-125	4.6	80	*
Cadmium	0.539	0.0259	"	0.466	0.0516	104	75-125	2.2	80	
Copper	9.75	0.0806	"	2.33	9.89	NR	75-125	7.4	80	*
Zinc	60.6	0.534	"	23.3	42.4	78	75-125	5.6	80	
Lead	11.9	0.031	"	2.33	10.8	47	75-125	3.3	80	*
Silver	0.499	0.0067	"	0.466	0.0353	99	75-125	2.9	80	
MS (L 86084-MS-L603058)			Source: Y203071-09		Prepared: 03/04/2022 Analyzed: 03/09/2022					
Selenium	3.98	0.103	mg/Kg	4.9	0.365	74	75-125			*
Silver	0.514	0.0067	"	0.49	0.0353	98	75-125			
Nickel	11.7	0.0633	"	2.45	10.1	65	75-125			*
Lead	12.3	0.031	"	2.45	10.8	61	75-125			*
Copper	10.5	0.0806	"	2.45	9.89	25	75-125			*
Cadmium	0.551	0.0259	"	0.49	0.0516	102	75-125			
Barium	26.5	0.042	"	4.9	23.1	69	75-125			*
Arsenic	6.96	0.0855	"	2.45	4.27	110	75-125			
Zinc	64.1	0.534	"	24.5	42.4	89	75-125			
LCS (LCS-L603058)			Prepared: 03/04/2022 Analyzed: 03/09/2022							
Copper	2.34	0.0806	mg/Kg	2.5		94	80-120			
Cadmium	0.489	0.0259	"	0.5		98	80-120			
Barium	5.04	0.042	"	5		101	80-120			
Arsenic	2.44	0.0855	"	2.5		98	80-120			
Nickel	2.47	0.0633	"	2.5		99	80-120			

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Total Metals by 6020B - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L603058 - 3050B

LCS (LCS-L603058)

Prepared: 03/04/2022 Analyzed: 03/09/2022

Selenium	4.79	0.103	mg/Kg	5		96	80-120			
Lead	2.48	0.031	"	2.5		99	80-120			
Zinc	23.3	0.534	"	25		93	80-120			
Silver	0.513	0.0067	"	0.5		103	80-120			

LRB (LRB-L603058)

Prepared: 03/04/2022 Analyzed: 03/09/2022

Zinc	ND	2.5	mg/Kg				-			
Silver	ND	0.25	"				-			
Selenium	ND	0.25	"				-			
Nickel	ND	0.25	"				-			
Lead	ND	0.25	"				-			
Copper	ND	0.25	"				-			
Cadmium	ND	0.25	"				-			
Barium	ND	0.25	"				-			
Arsenic	ND	0.25	"				-			

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Total Metals by 7196A - Quality Control Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L604118 -										
DUP (L 86079-DUP)		Source: 86079			Prepared: Analyzed: 03/10/2022					
Chromium, Hexavalent	ND	0.244	mg/Kg		86079	-		0	20	
MS (L 86079-MS)		Source: 86079			Prepared: Analyzed: 03/10/2022					
Chromium, Hexavalent	4.51	0.244	mg/Kg	7.71	86079	58	75-125			*
LCS (LCS)					Prepared: Analyzed: 03/10/2022					
Chromium, Hexavalent	6.91	0.244	mg/Kg	8		86	75-125			
LRB (LRB)					Prepared: Analyzed: 03/10/2022					
Chromium, Hexavalent	ND	0.5	mg/Kg							

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.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Schell 12&13-5 O SA

Notes and Definitions

U Sample is Non-Detect.

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

J Estimated Value. Analyte below reported quantitation limit.

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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.



April 22, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Schell 12&13-5 O SA

Project Number - [none]

Attached are your analytical results for KMG - Schell 12&13-5 O SA received by Origins Laboratory, Inc. March 30, 2022. This project is associated with Origins project number Y203795-01.

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: KMG - Schell 12&13-5 O SA

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PW-N02@6'	Y203795-01	Soil	March 30, 2022 15:42	03/30/2022 17:48
PW-B02@8'	Y203795-02	Soil	March 30, 2022 15:42	03/30/2022 17:48
GW-01	Y203795-03	Water	March 30, 2022 15:00	03/30/2022 17:48

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4202795 Client: Eagle
Client Project ID: Schell 12&13-5 OSA

Checklist Completed by: KH Shipped Via: TD
(UPS, FedEx, Hand Delivered, Pick-up, etc.)
Date/time completed: 3/30/12 Airbill #: AAA

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

Cooler Number/Temperature: 1 / 49 °C _____ °C _____ °C (Describe) _____ °C

Thermometer ID: 7001

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to < 6°C ⁽¹⁾ ?	<u>—</u>			
Is there ice present (document if blue ice is used)	<u>—</u>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<u>—</u>	<u>—</u>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<u>—</u>	<u>—</u>		
Were all samples received intact ⁽¹⁾ ?	<u>—</u>			
Was adequate sample volume provided ⁽¹⁾ ?	<u>—</u>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<u>—</u>	<u>—</u>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<u>—</u>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<u>—</u>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<u>—</u>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<u>—</u>			
For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<u>—</u>	<u>—</u>		
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)	<u>—</u>	<u>—</u>		<u>clear</u> <u>liab</u>
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: 3/30/12

Origins Laboratory, Inc.

[Signature]

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-N02@6'
3/30/2022 3:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203795-01 (Soil)

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2C3037	03/30/2022	03/31/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %	70-130	"	"	"
Surrogate: Toluene-d8	94.8 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	96.9 %	70-130	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L609879	04/09/2022	04/11/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	174 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	137 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	105 %	29-110	"	"	"

Total Metals by 6020B

Lead	10.7	0.031	0.25	mg/Kg	5	L611914	04/20/2022	04/21/2022
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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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PW-B02@8'

3/30/2022 3:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y203795-02 (Soil)

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2C3037	03/30/2022	03/31/2022	U
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Surrogate: 1,2-Dichloroethane-d4	115 %	70-130	"	"	"
Surrogate: Toluene-d8	94.2 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	97.8 %	70-130	"	"	"

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.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

GW-01

3/30/2022 3:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y203795-03 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	21.7	2.00	ug/L	1	B2C3041	03/30/2022	03/31/2022	
1,3,5-Trimethylbenzene	8.73	2.00	"	"	"	"	"	
Benzene	ND	1.00	"	"	"	"	"	U
Ethylbenzene	3.27	1.00	"	"	"	"	"	
Naphthalene	ND	2.00	"	"	"	"	"	U
Toluene	ND	1.00	"	"	"	"	"	U
Xylenes, total	11.6	1.00	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	98.3 %	70-130	"	"	"
Surrogate: Toluene-d8	90.6 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	113 %	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: KMG - Schell 12&13-5 O SA

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 B2C3037 - EPA 5030 (soil)										
Blank (B2C3037-BLK1)					Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.0100	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.7	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.8	70-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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 B2C3037 - EPA 5030 (soil)										
LCS (B2C3037-BS1)					Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	0.119	0.00200	mg/kg	0.100		119	70-130			
1,3,5-Trimethylbenzene	0.120	0.00200	"	0.100		120	70-130			
Benzene	0.108	0.00200	"	0.100		108	70-130			
Ethylbenzene	0.112	0.00200	"	0.100		112	70-130			
Naphthalene	0.109	0.0100	"	0.100		109	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.111	0.00200	"	0.100		111	70-130			
m,p-Xylene	0.225	0.00400	"	0.200		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.3	70-130			

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Project: KMG - Schell 12&13-5 O SA

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 B2C3037 - EPA 5030 (soil)										
Matrix Spike (B2C3037-MS1)		Source: Y203780-01			Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	0.118	0.00200	mg/kg	0.100	ND	118	70-130			
1,3,5-Trimethylbenzene	0.118	0.00200	"	0.100	ND	118	70-130			
Benzene	0.106	0.00200	"	0.100	ND	106	70-130			
Ethylbenzene	0.111	0.00200	"	0.100	ND	111	70-130			
Naphthalene	0.115	0.0100	"	0.100	0.00260	112	70-130			
Toluene	0.107	0.00200	"	0.100	ND	107	70-130			
o-Xylene	0.110	0.00200	"	0.100	ND	110	70-130			
m,p-Xylene	0.223	0.00400	"	0.200	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.4	70-130			

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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 B2C3037 - EPA 5030 (soil)										
Matrix Spike Dup (B2C3037-MSD1)			Source: Y203780-01		Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	0.112	0.00200	mg/kg	0.100	ND	112	70-130	4.99	20	
1,3,5-Trimethylbenzene	0.114	0.00200	"	0.100	ND	114	70-130	3.27	20	
Benzene	0.101	0.00200	"	0.100	ND	101	70-130	4.74	20	
Ethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130	4.81	20	
Naphthalene	0.112	0.0100	"	0.100	0.00260	110	70-130	2.13	20	
Toluene	0.102	0.00200	"	0.100	ND	102	70-130	5.25	20	
o-Xylene	0.105	0.00200	"	0.100	ND	105	70-130	4.63	20	
m,p-Xylene	0.211	0.00400	"	0.200	ND	106	70-130	5.35	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.6	70-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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 B2C3041 - EPA 5030B (Water)										
Blank (B2C3041-BLK1)					Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	ND	2.00	ug/L							U
1,3,5-Trimethylbenzene	ND	2.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	2.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	66		"	62.5		105	70-130			
Surrogate: Toluene-d8	59		"	62.5		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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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
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Batch B2C3041 - EPA 5030B (Water)

LCS (B2C3041-BS1)

Prepared: 03/30/2022 Analyzed: 03/30/2022

1,2,4-Trimethylbenzene	54.4	2.00	ug/L	50.0		109	70-130			
1,3,5-Trimethylbenzene	56.9	2.00	"	50.0		114	70-130			
Benzene	47.6	1.00	"	50.0		95.1	70-130			
Ethylbenzene	52.6	1.00	"	50.0		105	70-130			
m,p-Xylene	102	2.00	"	100		102	70-130			
Naphthalene	50.1	2.00	"	50.0		100	70-130			
o-Xylene	52.7	1.00	"	50.0		105	70-130			
Toluene	49.4	1.00	"	50.0		98.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		102	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		96.8	70-130			

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Project: KMG - Schell 12&13-5 O SA

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
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Batch B2C3041 - EPA 5030B (Water)

Matrix Spike (B2C3041-MS1)		Source: Y203782-01			Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	49.8	2.00	ug/L	50.0	ND	99.6	70-130			
1,3,5-Trimethylbenzene	51.9	2.00	"	50.0	ND	104	70-130			
Benzene	44.1	1.00	"	50.0	ND	88.2	70-130			
Ethylbenzene	46.3	1.00	"	50.0	ND	92.6	70-130			
m,p-Xylene	89.5	2.00	"	100	ND	89.5	70-130			
Naphthalene	48.4	2.00	"	50.0	ND	96.8	70-130			
o-Xylene	44.5	1.00	"	50.0	ND	89.0	70-130			
Toluene	46.7	1.00	"	50.0	ND	93.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		103	70-130			
Surrogate: Toluene-d8	65		"	62.5		104	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		96.1	70-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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
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Batch B2C3041 - EPA 5030B (Water)

Matrix Spike Dup (B2C3041-MSD1)		Source: Y203782-01			Prepared: 03/30/2022 Analyzed: 03/30/2022					
1,2,4-Trimethylbenzene	52.4	2.00	ug/L	50.0	ND	105	70-130	5.11	20	
1,3,5-Trimethylbenzene	52.8	2.00	"	50.0	ND	106	70-130	1.80	20	
Benzene	43.6	1.00	"	50.0	ND	87.1	70-130	1.19	20	
Ethylbenzene	46.1	1.00	"	50.0	ND	92.2	70-130	0.455	20	
m,p-Xylene	91.5	2.00	"	100	ND	91.5	70-130	2.15	20	
Naphthalene	51.8	2.00	"	50.0	ND	104	70-130	6.86	20	
o-Xylene	46.2	1.00	"	50.0	ND	92.4	70-130	3.68	20	
Toluene	47.9	1.00	"	50.0	ND	95.9	70-130	2.54	20	
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		99.8	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	59		"	62.5		94.9	70-130			

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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

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
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Total Metals by 6020B - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L611914 - 3050B

MSD (L 95065-MSD-L611914)		Source: 95065			Prepared: 04/20/2022 Analyzed: 04/21/2022					
Lead	7.47	0.031	mg/Kg	2.49	4.73	110	75-125	4.2	80	
MS (L 95065-MS-L611914)		Source: 95065			Prepared: 04/20/2022 Analyzed: 04/21/2022					
Lead	7.16	0.031	mg/Kg	2.4	4.73	101	75-125			
LCS (LCS-L611914)					Prepared: 04/20/2022 Analyzed: 04/21/2022					
Lead	2.31	0.031	mg/Kg	2.5		92	80-120			
LRB (LRB-L611914)					Prepared: 04/20/2022 Analyzed: 04/21/2022					
Lead	ND	0.25	mg/Kg				-			

Origins Laboratory, Inc.



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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L609879 - 3550B										
MSD (L 85094-MSD-L609879)			Source: 85094		Prepared: 04/09/2022 Analyzed: 04/11/2022					
2-Methylnaphthalene	0.48	0.00323	mg/Kg	0.164	0.468	7.3	30-130	24.1	30	*
Naphthalene	0.17	0.00242	"	0.164	0.0743	58.3	30-130	12.1	30	
1-Methylnaphthalene	0.967	0.00182	"	0.164	0.91	34.7	30-130	22.3	30	
Surrogate: 2-Fluorobiphenyl	71.6		"	0.328	232	71.6	33-115			
Surrogate: 4-Terphenyl-d14	69.8		"	0.328	237	69.8	33-122			
Surrogate: Nitrobenzene-d5	59.1		"	0.328	190	59.1	29-110			
MS (L 85094-MS-L609879)			Source: 85094		Prepared: 04/09/2022 Analyzed: 04/11/2022					
1-Methylnaphthalene	1.21	0.00182	mg/Kg	0.162	0.91	185	30-130			*
Naphthalene	0.192	0.00242	"	0.162	0.0743	72.6	30-130			
2-Methylnaphthalene	0.612	0.00323	"	0.162	0.468	88.8	30-130			
Surrogate: Nitrobenzene-d5	64		"	0.325	190	64	29-110			
Surrogate: 4-Terphenyl-d14	74.1		"	0.325	237	74.1	33-122			
Surrogate: 2-Fluorobiphenyl	78.4		"	0.325	232	78.4	33-115			
LCS (LCS-L609879)			Prepared: 04/09/2022 Analyzed: 04/11/2022							
1-Methylnaphthalene	0.119	0.000364	mg/Kg	0.167		71.2	30-130			
2-Methylnaphthalene	0.117	0.000645	"	0.167		70	30-130			
Naphthalene	0.114	0.000484	"	0.167		68.2	30-130			
Surrogate: 2-Fluorobiphenyl	89.7		"	0.333		89.7	33-115			
Surrogate: 4-Terphenyl-d14	105		"	0.333		105	33-122			
Surrogate: Nitrobenzene-d5	61.8		"	0.333		61.8	29-110			
LRB (LRB-L609879)			Prepared: 04/09/2022 Analyzed: 04/11/2022							
1-Methylnaphthalene	ND	0.00067	mg/Kg			-				
2-Methylnaphthalene	ND	0.00067	"			-				
Naphthalene	ND	0.00067	"			-				
Surrogate: Nitrobenzene-d5	59.4		"	0.333		59.4	29-110			

Origins Laboratory, Inc.



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Dan Coloccia
Project Number: [none]
Project: KMG - Schell 12&13-5 O SA

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L609879 - 3550B

LRB (LRB-L609879)

Prepared: 04/09/2022 Analyzed: 04/11/2022

Surrogate: 2-Fluorobiphenyl	82.5		mg/Kg	0.333		82.5	33-115			
Surrogate: 4-Terphenyl-d14	88.5		"	0.333		88.5	33-122			

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8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Schell 12&13-5 O SA

Notes and Definitions

U Sample is Non-Detect.

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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