



February 07, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Canepa 6-22

Project Number - [none]

Attached are your analytical results for KMG - Canepa 6-22 received by Origins Laboratory, Inc. January 25, 2024. This project is associated with Origins project number Y401637-01.

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@6'	Y401637-01	Soil	January 25, 2024 12:30	01/25/2024 16:59
FL-B01@4'	Y401637-02	Soil	January 25, 2024 12:40	01/25/2024 16:59
WH-BG01@3'	Y401637-03	Soil	January 25, 2024 12:42	01/25/2024 16:59
WH-BG01@6'	Y401637-04	Soil	January 25, 2024 12:44	01/25/2024 16:59
WH-BG02@3'	Y401637-05	Soil	January 25, 2024 12:46	01/25/2024 16:59
WH-BG02@6'	Y401637-06	Soil	January 25, 2024 12:48	01/25/2024 16:59
WH-BG03@3'	Y401637-07	Soil	January 25, 2024 12:50	01/25/2024 16:59
WH-BG03@6'	Y401637-08	Soil	January 25, 2024 12:52	01/25/2024 16:59

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

ORIGINS
LABORATORY, INC

Initial
4401637
www.originslaboratory.com

Client: Eagle Environmental (oxy)
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: dcoloccia@eagle-enviro.com

Project Manager: D. Coloccia
Project Name: Canepa 6-22
Project Number: -
Samples Collected By: CB

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions			
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	Full Table A15-1	EC1PH	SAR		Boron	Metals	
WH-BG01E6	1/25/24	1230	3	X						X								1
FL-BG01E4		1240	1															2
WH-BG01E3		1242												X	X	X	X	3
WH-BG01E6		1244																4
WH-BG02E3		1246																5
WH-BG02E6		1248																6
WH-BG03E3		1250																7
WH-BG03E6		1252																8
																		9
																		10

Relinquished By: *Chris Becki* Date: 1/25/24 Time: 1659
Received By: *CB* Date: 1/25/24 Time: 1659

Temp Received: 17 Date Results Needed

Turnaround Time:
Some Day ☒ 24 Hr ☐
48 Hr ☐ 72 Hr ☐
Standard ☐

Origins Laboratory, Inc.

Bynon

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: 4401637

Client: Eagle

Client Project ID: Canepa 6-22

Checklist Completed by: EHS

Shipped Via: HD

Date/time completed: 1/25/24

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

Airbill #: N/A

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

Cooler Number/Temperature: 1117 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) / (pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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.

Eagle
Reviewed by (Project Manager)

1/25/24
Date/Time Reviewed

Origins Laboratory, Inc.

J. Bynon

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-B01@6'

1/25/2024 12:30:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.481	0.0996	mg/L	1	B4A2611	01/26/2024	01/29/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4A2540	01/25/2024	01/26/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	86.6 %	50-150	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4A2539	"	01/25/2024	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	115 %	70-130	"	"	"
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Dan Coloccia
Project Number: [none]
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WH-B01@6'

1/25/2024 12:30:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	98.7 %	70-130				B4A2539	01/25/2024	01/25/2024	
Surrogate: 4-Bromofluorobenzene	94.3 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	2.70	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024	
Magnesium	2.26	0.823	"	"	"	"	"	
Sodium	1.20	0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4A2538	01/25/2024	01/26/2024	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	U
Chrysene	ND	0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	"	"	"	"	U

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Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-B01@6'

1/25/2024 12:30:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-01 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4A2538	01/25/2024	01/26/2024	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	101 %	60-130	"	"	"
Surrogate: Anthracene-d10	103 %	60-130	"	"	"
Surrogate: Pyrene-d10	107 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	112 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.43	pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.762	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.465	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-B01@6'

1/25/2024 12:30:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	6.06	0.0896	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	191	8.96	"	"	"	"	"
Cadmium	0.147	0.0896	"	"	"	"	"
Copper	ND	8.96	"	"	"	"	"
Lead	8.87	0.896	"	"	"	"	"
Nickel	11.9	0.896	"	"	"	"	"
Selenium	0.181	0.0896	"	"	"	"	"
Silver	ND	0.0896	"	"	"	"	"
Zinc	39.6	8.96	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B01@4'

1/25/2024 12:40:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.220	0.100	mg/L	1	B4A2611	01/26/2024	01/29/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4A2540	01/25/2024	01/26/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	83.1 %	50-150			"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4A2539	"	01/25/2024	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	114 %	70-130			"	"	"
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Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B01@4'

1/25/2024 12:40:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	98.6 %	70-130				B4A2539	01/25/2024	01/25/2024	
Surrogate: 4-Bromofluorobenzene	94.8 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	4.11	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024	
Magnesium	3.28	0.823	"	"	"	"	"	
Sodium	0.542	0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4A2538	01/25/2024	01/26/2024	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	U
Chrysene	ND	0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	"	"	"	"	U

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Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B01@4'

1/25/2024 12:40:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-02 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4A2538	01/25/2024	01/26/2024	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	102 %	60-130	"	"	"
Surrogate: Anthracene-d10	109 %	60-130	"	"	"
Surrogate: Pyrene-d10	98.0 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	113 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.26	pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.282	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.996	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B01@4'

1/25/2024 12:40:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	6.37	0.0935	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	137	9.35	"	"	"	"	"
Cadmium	0.172	0.0935	"	"	"	"	"
Copper	11.1	9.35	"	"	"	"	"
Lead	9.95	0.935	"	"	"	"	"
Nickel	13.5	0.935	"	"	"	"	"
Selenium	0.188	0.0935	"	"	"	"	"
Silver	ND	0.0935	"	"	"	"	"
Zinc	48.1	9.35	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG01@3'

1/25/2024 12:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.409	0.101	mg/L	1	B4A2611	01/26/2024	01/29/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.17	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024
Magnesium	2.33	0.823	"	"	"	"	"
Sodium	0.823	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.40		pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.622	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.403	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Arsenic	6.46	0.0906	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	136	9.06	"	"	"	"	"
Cadmium	0.159	0.0906	"	"	"	"	"
Copper	11.0	9.06	"	"	"	"	"

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG01@3'

1/25/2024 12:42:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-03 (Soil)

Table 915 metals by EPA 6020B

Lead	9.26	0.906	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Nickel	14.1	0.906	"	"	"	"	"
Selenium	0.161	0.0906	"	"	"	"	"
Silver	ND	0.0906	"	"	"	"	"
Zinc	46.9	9.06	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG01@6'

1/25/2024 12:44:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.704	0.102	mg/L	1	B4A2611	01/26/2024	01/29/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.43	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024
Magnesium	2.53	0.823	"	"	"	"	"
Sodium	0.977	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.45		pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.694	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.468	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Arsenic	6.55	0.0956	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	147	9.56	"	"	"	"	"
Cadmium	0.161	0.0956	"	"	"	"	"
Copper	11.7	9.56	"	"	"	"	"

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG01@6'

1/25/2024 12:44:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-04 (Soil)

Table 915 metals by EPA 6020B

Lead	9.70	0.956	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Nickel	14.4	0.956	"	"	"	"	"
Selenium	0.183	0.0956	"	"	"	"	"
Silver	ND	0.0956	"	"	"	"	"
Zinc	49.7	9.56	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG02@3'

1/25/2024 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.613	0.0998	mg/L	1	B4A2611	01/26/2024	01/29/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.97	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024
Magnesium	1.41	0.823	"	"	"	"	"
Sodium	0.862	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.31		pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.663	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.420	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Arsenic	7.97	0.0872	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	143	8.72	"	"	"	"	01/29/2024
Cadmium	0.208	0.0872	"	"	"	"	"
Copper	13.7	8.72	"	"	"	"	"

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG02@3'

1/25/2024 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-05 (Soil)

Table 915 metals by EPA 6020B

Lead	11.7	0.872	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Nickel	16.6	0.872	"	"	"	"	01/29/2024
Selenium	0.290	0.0872	"	"	"	"	02/01/2024
Silver	ND	0.0872	"	"	"	"	01/29/2024
Zinc	58.5	8.72	"	"	"	"	01/29/2024

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG02@6'

1/25/2024 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.792	0.0984	mg/L	1	B4A2611	01/26/2024	01/29/2024
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Metals by Saturated Paste by EPA 6010

Calcium	1.86	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024
Magnesium	1.81	0.823	"	"	"	"	"
Sodium	0.947	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.44		pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.700	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.470	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Arsenic	7.81	0.0969	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	158	9.69	"	"	"	"	"
Cadmium	0.169	0.0969	"	"	"	"	"
Copper	11.7	9.69	"	"	"	"	"

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG02@6'

1/25/2024 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-06 (Soil)

Table 915 metals by EPA 6020B

Lead	10.2	0.969	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Nickel	14.6	0.969	"	"	"	"	"
Selenium	0.253	0.0969	"	"	"	"	"
Silver	ND	0.0969	"	"	"	"	"
Zinc	48.9	9.69	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG03@3'

1/25/2024 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.802	0.101	mg/L	1	B4A2611	01/26/2024	01/29/2024
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Metals by Saturated Paste by EPA 6010

Calcium	2.02	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024
Magnesium	1.46	0.823	"	"	"	"	"
Sodium	0.988	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.36		pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	0.749	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.431	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Arsenic	7.46	0.0917	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	187	9.17	"	"	"	"	"
Cadmium	0.209	0.0917	"	"	"	"	"
Copper	14.8	9.17	"	"	"	"	"

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG03@3'

1/25/2024 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-07 (Soil)

Table 915 metals by EPA 6020B

Lead	11.8	0.917	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Nickel	19.1	0.917	"	"	"	"	"
Selenium	0.244	0.0917	"	"	"	"	"
Silver	ND	0.0917	"	"	"	"	"
Zinc	59.1	9.17	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG03@6'

1/25/2024 12:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.874	0.0998	mg/L	1	B4A2611	01/26/2024	01/29/2024
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Metals by Saturated Paste by EPA 6010

Calcium	2.03	0.499	meq/L	10	[CALC]	01/26/2024	01/29/2024
Magnesium	2.10	0.823	"	"	"	"	"
Sodium	1.77	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	8.43		pH Units	1	B4A2615	01/26/2024	01/27/2024
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SAR by 20B Saturated Paste

SAR	1.23	0.0100	SAR	1	B4A2607	01/26/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.613	0.00500	mmhos/cm	1	B4A2615	01/26/2024	01/27/2024
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Table 915 metals by EPA 6020B

Arsenic	6.64	0.0919	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Barium	201	9.19	"	"	"	"	"
Cadmium	0.208	0.0919	"	"	"	"	"
Copper	12.9	9.19	"	"	"	"	"

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

WH-BG03@6'

1/25/2024 12:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401637-08 (Soil)

Table 915 metals by EPA 6020B

Lead	10.8	0.919	mg/kg	10	B4A2541	01/25/2024	01/29/2024
Nickel	15.9	0.919	"	"	"	"	"
Selenium	0.335	0.0919	"	"	"	"	"
Silver	ND	0.0919	"	"	"	"	"
Zinc	53.0	9.19	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731003	01/25/2024	02/05/2024
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2539 - EPA 5030 (soil)										
Blank (B4A2539-BLK1)					Prepared: 01/25/2024 Analyzed: 01/25/2024					
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	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	107		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	100		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	94.4		70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2539 - EPA 5030 (soil)										
LCS (B4A2539-BS1)					Prepared: 01/25/2024 Analyzed: 01/25/2024					
1,2,4-Trimethylbenzene	0.112	0.00200	mg/kg	0.100		112	70-130			
1,3,5-Trimethylbenzene	0.113	0.00200	"	0.100		113	70-130			
Benzene	0.107	0.00200	"	0.100		107	70-130			
Ethylbenzene	0.112	0.00200	"	0.100		112	70-130			
Naphthalene	0.114	0.00380	"	0.100		114	70-130			
Toluene	0.107	0.00200	"	0.100		107	70-130			
o-Xylene	0.111	0.00200	"	0.100		111	70-130			
m,p-Xylene	0.218	0.00400	"	0.200		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2539 - EPA 5030 (soil)										
Matrix Spike (B4A2539-MS1)		Source: Y401635-01			Prepared: 01/25/2024 Analyzed: 01/25/2024					
1,2,4-Trimethylbenzene	0.116	0.00200	mg/kg	0.100	ND	116	70-130			
1,3,5-Trimethylbenzene	0.115	0.00200	"	0.100	ND	115	70-130			
Benzene	0.105	0.00200	"	0.100	ND	105	70-130			
Ethylbenzene	0.114	0.00200	"	0.100	ND	114	70-130			
Naphthalene	0.119	0.00380	"	0.100	ND	119	70-130			
Toluene	0.107	0.00200	"	0.100	ND	107	70-130			
o-Xylene	0.113	0.00200	"	0.100	ND	113	70-130			
m,p-Xylene	0.220	0.00400	"	0.200	ND	110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		110	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2539 - EPA 5030 (soil)										
Matrix Spike Dup (B4A2539-MSD1)			Source: Y401635-01		Prepared: 01/25/2024 Analyzed: 01/25/2024					
1,2,4-Trimethylbenzene	0.111	0.00200	mg/kg	0.100	ND	111	70-130	4.34	20	
1,3,5-Trimethylbenzene	0.112	0.00200	"	0.100	ND	112	70-130	2.54	20	
Benzene	0.102	0.00200	"	0.100	ND	102	70-130	2.83	20	
Ethylbenzene	0.110	0.00200	"	0.100	ND	110	70-130	3.02	20	
Naphthalene	0.118	0.00380	"	0.100	ND	118	70-130	0.776	20	
Toluene	0.104	0.00200	"	0.100	ND	104	70-130	2.32	20	
o-Xylene	0.110	0.00200	"	0.100	ND	110	70-130	3.12	20	
m,p-Xylene	0.215	0.00400	"	0.200	ND	107	70-130	2.65	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2540 - EPA 3550B										
Blank (B4A2540-BLK1)					Prepared: 01/25/2024 Analyzed: 01/26/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	23		"	24.9		92.4	50-150			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2540 - EPA 3550B

LCS (B4A2540-BS1)

Prepared: 01/25/2024 Analyzed: 01/26/2024

Diesel (C10-C28)	945	50.0	mg/kg	1000		94.5	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000		101	70-130			
Surrogate: o-Terphenyl	56		"	49.8		113	50-150			

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.

Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2540 - EPA 3550B

Matrix Spike (B4A2540-MS1)		Source: Y401636-01			Prepared: 01/25/2024 Analyzed: 01/26/2024					
Diesel (C10-C28)	1040	50.0	mg/kg	1000	ND	104	70-130			
Residual Range Organics (C28-C40)	1140	200	"	1000	ND	114	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2540 - EPA 3550B										
Matrix Spike Dup (B4A2540-MSD1)		Source: Y401636-01			Prepared: 01/25/2024 Analyzed: 01/26/2024					
Diesel (C10-C28)	943	50.0	mg/kg	1000	ND	94.3	70-130	10.0	35	
Residual Range Organics (C28-C40)	1050	200	"	1000	ND	105	70-130	8.18	35	
Surrogate: o-Terphenyl	59		"	49.8		119	50-150			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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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Metals by EPA 6000/7000 Series Methods - 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 B4A2541 - EPA 3050B

Blank (B4A2541-BLK1)

Prepared: 01/25/2024 Analyzed: 02/01/2024

Arsenic	ND	0.0100	mg/kg
Barium	ND	1.00	"
Cadmium	ND	0.0100	"
Copper	ND	1.00	"
Lead	ND	0.100	"
Nickel	ND	0.100	"
Selenium	ND	0.0100	"
Silver	ND	0.0100	"
Zinc	ND	1.00	"

LCS (B4A2541-BS1)

Prepared: 01/25/2024 Analyzed: 01/29/2024

Arsenic	5.46	0.0100	mg/kg	5.00	109	80-120
Barium	492	1.00	"	500	98.5	80-120
Cadmium	4.94	0.0100	"	5.00	98.8	80-120
Copper	53.3	1.00	"	50.0	107	80-120
Lead	4.97	0.100	"	5.00	99.3	80-120
Nickel	5.33	0.100	"	5.00	107	80-120
Selenium	4.64	0.0100	"	5.00	92.8	80-120
Silver	5.62	0.0100	"	5.00	112	80-120
Zinc	51.3	1.00	"	50.0	103	80-120

Matrix Spike (B4A2541-MS1)

Source: Y401637-07

Prepared: 01/25/2024 Analyzed: 01/29/2024

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4A2541 - EPA 3050B										
Matrix Spike (B4A2541-MS1)			Source: Y401637-07		Prepared: 01/25/2024 Analyzed: 01/29/2024					
Arsenic	12.0	0.0988	mg/kg	4.94	7.46	91.3	75-125			
Barium	715	9.88	"	494	187	107	75-125			
Cadmium	5.50	0.0988	"	4.94	0.209	107	75-125			
Copper	67.2	9.88	"	49.4	14.8	106	75-125			
Lead	15.6	0.988	"	4.94	11.8	77.7	75-125			
Nickel	22.4	0.988	"	4.94	19.1	66.8	75-125			QM-07
Selenium	5.18	0.0988	"	4.94	0.244	99.9	75-125			
Silver	5.87	0.0988	"	4.94	0.0872	117	75-125			
Zinc	112	9.88	"	49.4	59.1	106	75-125			
Matrix Spike Dup (B4A2541-MSD1)			Source: Y401637-07		Prepared: 01/25/2024 Analyzed: 02/01/2024					
Arsenic	10.6	0.0926	mg/kg	4.63	7.46	68.6	75-125	11.8	20	QM-07
Barium	655	9.26	"	463	187	101	75-125	8.70	20	
Cadmium	5.00	0.0926	"	4.63	0.209	103	75-125	9.42	20	
Copper	60.3	9.26	"	46.3	14.8	98.3	75-125	10.8	20	
Lead	15.7	0.926	"	4.63	11.8	84.4	75-125	0.453	20	
Nickel	19.6	0.926	"	4.63	19.1	11.7	75-125	13.1	20	QM-07
Selenium	4.75	0.0926	"	4.63	0.244	97.3	75-125	8.68	20	
Silver	5.18	0.0926	"	4.63	0.0872	110	75-125	12.5	20	
Zinc	103	9.26	"	46.3	59.1	95.4	75-125	7.78	20	

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2538 - EPA 3580

Blank (B4A2538-BLK1)

Prepared: 01/25/2024 Analyzed: 01/26/2024

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130			
Surrogate: Anthracene-d10	220		"	200		110	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	230		"	200		114	60-130			

LCS (B4A2538-BS1)

Prepared: 01/25/2024 Analyzed: 01/25/2024

1-Methylnaphthalene	0.162	0.002	mg/kg	0.200		80.8	70-130			
2-Methylnaphthalene	0.168	0.002	"	0.200		84.1	70-130			
Acenaphthene	0.160	0.020	"	0.200		80.1	70-130			
Anthracene	0.173	0.020	"	0.200		86.4	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2538 - EPA 3580

LCS (B4A2538-BS1)

Prepared: 01/25/2024 Analyzed: 01/25/2024

Benzo (a) anthracene	0.166	0.005	mg/kg	0.200		83.0	70-130
Benzo (a) pyrene	0.185	0.020	"	0.200		92.6	70-130
Benzo (b) fluoranthene	0.195	0.020	"	0.200		97.3	70-130
Benzo (g,h,i) perylene	0.202	0.020	"	0.200		101	70-130
Benzo (k) fluoranthene	0.185	0.020	"	0.200		92.4	70-130
Chrysene	0.192	0.020	"	0.200		96.0	70-130
Dibenz (a,h) anthracene	0.209	0.020	"	0.200		104	70-130
Fluoranthene	0.166	0.020	"	0.200		83.1	70-130
Fluorene	0.158	0.020	"	0.200		79.1	70-130
Indeno (1,2,3-cd) pyrene	0.185	0.020	"	0.200		92.4	70-130
Naphthalene	0.171	0.002	"	0.200		85.5	70-130
Phenanthrene	0.179	0.020	"	0.200		89.3	70-130
Pyrene	0.168	0.020	"	0.200		83.9	70-130
Surrogate: Fluorene-d10	190		ug/kg	200		96.3	60-130
Surrogate: Anthracene-d10	220		"	200		108	60-130
Surrogate: Pyrene-d10	190		"	200		96.8	60-130
Surrogate: Benzo (a) pyrene-d12	220		"	200		110	60-130

Matrix Spike (B4A2538-MS1)

Source: Y401633-01

Prepared: 01/25/2024 Analyzed: 01/25/2024

1-Methylnaphthalene	0.159	0.002	mg/kg	0.200	0.0006	79.3	70-130
2-Methylnaphthalene	0.167	0.002	"	0.200	ND	83.4	70-130
Acenaphthene	0.161	0.020	"	0.200	0.0002	80.6	70-130
Anthracene	0.171	0.020	"	0.200	ND	85.5	70-130
Benzo (a) anthracene	0.165	0.005	"	0.200	0.0006	82.0	70-130
Benzo (a) pyrene	0.186	0.020	"	0.200	0.001	92.4	70-130
Benzo (b) fluoranthene	0.190	0.020	"	0.200	0.001	94.5	70-130
Benzo (g,h,i) perylene	0.181	0.020	"	0.200	0.001	90.0	70-130

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2538 - EPA 3580

Matrix Spike (B4A2538-MS1)		Source: Y401633-01			Prepared: 01/25/2024 Analyzed: 01/25/2024					
Benzo (k) fluoranthene	0.183	0.020	mg/kg	0.200	0.001	91.1	70-130			
Chrysene	0.192	0.020	"	0.200	0.0003	95.7	70-130			
Dibenz (a,h) anthracene	0.200	0.020	"	0.200	ND	100	70-130			
Fluoranthene	0.161	0.020	"	0.200	0.0004	80.3	70-130			
Fluorene	0.178	0.020	"	0.200	0.0005	88.6	70-130			
Indeno (1,2,3-cd) pyrene	0.191	0.020	"	0.200	ND	95.4	70-130			
Naphthalene	0.171	0.002	"	0.200	ND	85.7	70-130			
Phenanthrene	0.178	0.020	"	0.200	0.0002	89.0	70-130			
Pyrene	0.157	0.020	"	0.200	0.0009	77.9	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		107	60-130			
Surrogate: Anthracene-d10	220		"	200		109	60-130			
Surrogate: Pyrene-d10	190		"	200		94.8	60-130			
Surrogate: Benzo (a) pyrene-d12	230		"	200		114	60-130			

Matrix Spike Dup (B4A2538-MSD1)		Source: Y401633-01			Prepared: 01/25/2024 Analyzed: 01/25/2024					
1-Methylnaphthalene	0.161	0.002	mg/kg	0.200	0.0006	80.2	70-130	1.21	20	
2-Methylnaphthalene	0.164	0.002	"	0.200	ND	82.0	70-130	1.67	20	
Acenaphthene	0.166	0.020	"	0.200	0.0002	83.0	70-130	2.99	20	
Anthracene	0.184	0.020	"	0.200	ND	92.0	70-130	7.36	20	
Benzo (a) anthracene	0.169	0.005	"	0.200	0.0006	84.1	70-130	2.50	20	
Benzo (a) pyrene	0.196	0.020	"	0.200	0.001	97.5	70-130	5.39	20	
Benzo (b) fluoranthene	0.175	0.020	"	0.200	0.001	86.8	70-130	8.49	20	
Benzo (g,h,i) perylene	0.177	0.020	"	0.200	0.001	88.0	70-130	2.30	20	
Benzo (k) fluoranthene	0.154	0.020	"	0.200	0.001	76.2	70-130	17.6	20	
Chrysene	0.181	0.020	"	0.200	0.0003	90.3	70-130	5.78	20	
Dibenz (a,h) anthracene	0.206	0.020	"	0.200	ND	103	70-130	2.65	20	
Fluoranthene	0.166	0.020	"	0.200	0.0004	82.7	70-130	2.91	20	

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2538 - EPA 3580

Matrix Spike Dup (B4A2538-MSD1)		Source: Y401633-01			Prepared: 01/25/2024 Analyzed: 01/25/2024					
Fluorene	0.163	0.020	mg/kg	0.200	0.0005	81.1	70-130	8.85	20	
Indeno (1,2,3-cd) pyrene	0.201	0.020	"	0.200	ND	101	70-130	5.27	20	
Naphthalene	0.168	0.002	"	0.200	ND	84.2	70-130	1.81	20	
Phenanthrene	0.180	0.020	"	0.200	0.0002	89.9	70-130	0.946	20	
Pyrene	0.170	0.020	"	0.200	0.0009	84.4	70-130	8.03	20	
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	220		"	200		110	60-130			
Surrogate: Pyrene-d10	190		"	200		97.3	60-130			
Surrogate: Benzo (a) pyrene-d12	230		"	200		114	60-130			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Classical Chemistry Parameters - 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 B4A2607 - Saturated Paste Metals

Blank (B4A2607-BLK1)

Prepared: 01/26/2024 Analyzed: 01/29/2024

Calcium PPM	ND	10.0	mg/L
SAR	ND	0.0100	SAR
Magnesium PPM	ND	10.0	mg/L
Sodium PPM	ND	10.0	"

Duplicate (B4A2607-DUP1)

Source: Y401556-01

Prepared: 01/26/2024 Analyzed: 01/29/2024

SAR	ND	0.0100	SAR	3.20			200
Calcium PPM	72.4	10.0	mg/L	61.0		17.1	50
Magnesium PPM	15.0	10.0	"	12.4		18.7	50
Sodium PPM	119	10.0	"	105		12.9	50

Batch B4A2611 - DTPA Sorbitol Preparation

Blank (B4A2611-BLK1)

Prepared: 01/26/2024 Analyzed: 01/29/2024

Boron	ND	0.100	mg/L
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Duplicate (B4A2611-DUP1)

Source: Y401543-01

Prepared: 01/26/2024 Analyzed: 01/29/2024

Boron	0.0606	0.102	mg/L	0.0634		4.52	50
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Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4A2615 - Saturated Paste pH/EC										
Blank (B4A2615-BLK1)					Prepared: 01/26/2024 Analyzed: 01/27/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4A2615-DUP1)					Source: Y401556-01 Prepared: 01/26/2024 Analyzed: 01/27/2024					
pH	8.18		pH Units		8.15			0.367	25	
Specific Conductance (EC)	1.22	0.00500	mmhos/cm		1.14			7.17	25	

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L731003 -										
DUP (L 92158-DUP)		Source: Y401637-06			Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
MS (L 92158-MS)		Source: Y401637-06			Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	30.1	2.5	mg/Kg	39.9	< 0.244	75	75-125			
LCS (LCS)					Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	6.19	0.5	mg/Kg	8		77	75-125			
LRB (LRB)					Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Notes and Definitions

U Sample is Non-Detect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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February 13, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Canepa 6-22

Project Number - [none]

Attached are your analytical results for KMG - Canepa 6-22 received by Origins Laboratory, Inc. January 26, 2024. This project is associated with Origins project number Y401665-01.

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B02@4'	Y401665-01	Soil	January 26, 2024 13:32	01/26/2024 14:47

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4401605

Client: Eagle

Client Project ID: Canepa 6-22

Checklist Completed by: EHS

Shipped Via: HD

Date/time completed: 1/26/24

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

Airbill #: N/A

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

Cooler Number/Temperature: 1/1.2 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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.

[Signature]
Reviewed by (Project Manager)

1/26/24
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B02@4'

1/26/2024 1:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401665-01 (Soil)

Boron (DTPA Sorbitol)

Boron	1.01	0.100	mg/L	1	B4A2911	01/29/2024	01/30/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4A2626	01/26/2024	01/27/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.6 %	50-150	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4A2630	01/26/2024	01/27/2024	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	95.0 %	70-130	"	"	"	"	"
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B02@4'

1/26/2024 1:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401665-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	91.3 %	70-130				B4A26 30	01/26/2024	01/27/2024	
Surrogate: 4-Bromofluorobenzene	92.4 %	70-130				"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.71	0.499	meq/L	10	[CALC]	01/27/2024	01/29/2024	
Magnesium	1.90	0.823	"	"	"	"	"	
Sodium	0.962	0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4A2628	01/26/2024	01/27/2024	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	U
Chrysene	ND	0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B02@4'

1/26/2024 1:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401665-01 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4A2628	01/26/2024	01/27/2024	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	100 %	60-130	"	"	"
Surrogate: Anthracene-d10	98.0 %	60-130	"	"	"
Surrogate: Pyrene-d10	101 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	101 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.36	pH Units	1	B4A2713	01/27/2024	01/28/2024
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SAR by 20B Saturated Paste

SAR	0.716	0.0100	SAR	1	B4A2706	01/27/2024	01/29/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.468	0.00500	mmhos/cm	1	B4A2713	01/27/2024	01/28/2024
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Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B02@4'

1/26/2024 1:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401665-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	5.86	0.0836	mg/kg	10	B4A2635	01/26/2024	01/29/2024
Barium	132	8.36	"	"	"	"	"
Cadmium	0.138	0.0836	"	"	"	"	"
Copper	12.0	8.36	"	"	"	"	"
Lead	9.01	0.836	"	"	"	"	"
Nickel	13.8	0.836	"	"	"	"	"
Selenium	0.162	0.0836	"	"	"	"	"
Silver	ND	0.0836	"	"	"	"	"
Zinc	49.1	8.36	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L730910	01/26/2024	02/05/2024
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2626 - EPA 3550B										
Blank (B4A2626-BLK1)					Prepared: 01/26/2024 Analyzed: 01/26/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		85.3	50-150			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2626 - EPA 3550B

LCS (B4A2626-BS1)

Prepared: 01/26/2024 Analyzed: 01/26/2024

Diesel (C10-C28)	920	50.0	mg/kg	1000		92.0	70-130			
Residual Range Organics (C28-C40)	1050	200	"	1000		105	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.1	50-150			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2626 - EPA 3550B

Matrix Spike (B4A2626-MS1)		Source: Y401655-01			Prepared: 01/26/2024 Analyzed: 01/26/2024					
Diesel (C10-C28)	858	50.0	mg/kg	1000	ND	85.8	70-130			
Residual Range Organics (C28-C40)	1000	200	"	1000	ND	100	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.6	50-150			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2626 - EPA 3550B										
Matrix Spike Dup (B4A2626-MSD1)		Source: Y401655-01			Prepared: 01/26/2024 Analyzed: 01/26/2024					
Diesel (C10-C28)	856	50.0	mg/kg	1000	ND	85.6	70-130	0.191	35	
Residual Range Organics (C28-C40)	985	200	"	1000	ND	98.5	70-130	1.42	35	
Surrogate: o-Terphenyl	40		"	49.8		80.8	50-150			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2630 - EPA 5030 (soil)										
Blank (B4A2630-BLK1)					Prepared: 01/26/2024 Analyzed: 01/26/2024					
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	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.4	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2630 - EPA 5030 (soil)										
LCS (B4A2630-BS1)					Prepared: 01/26/2024 Analyzed: 01/26/2024					
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100		108	70-130			
1,3,5-Trimethylbenzene	0.108	0.00200	"	0.100		108	70-130			
Benzene	0.114	0.00200	"	0.100		114	70-130			
Ethylbenzene	0.113	0.00200	"	0.100		113	70-130			
Naphthalene	0.107	0.00380	"	0.100		107	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.0974	0.00200	"	0.100		97.4	70-130			
m,p-Xylene	0.222	0.00400	"	0.200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.3	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2630 - EPA 5030 (soil)										
Matrix Spike (B4A2630-MS1)		Source: Y401654-06			Prepared: 01/26/2024 Analyzed: 01/26/2024					
1,2,4-Trimethylbenzene	0.0831	0.00200	mg/kg	0.100	ND	83.1	70-130			
1,3,5-Trimethylbenzene	0.0818	0.00200	"	0.100	ND	81.8	70-130			
Benzene	0.0976	0.00200	"	0.100	ND	97.6	70-130			
Ethylbenzene	0.0896	0.00200	"	0.100	ND	89.6	70-130			
Naphthalene	0.105	0.00380	"	0.100	0.00176	103	70-130			
Toluene	0.0894	0.00200	"	0.100	ND	89.4	70-130			
o-Xylene	0.0756	0.00200	"	0.100	ND	75.6	70-130			
m,p-Xylene	0.165	0.00400	"	0.200	ND	82.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		89.5	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		91.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		91.1	70-130			

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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A2630 - EPA 5030 (soil)										
Matrix Spike Dup (B4A2630-MSD1)		Source: Y401654-06			Prepared: 01/26/2024 Analyzed: 01/26/2024					
1,2,4-Trimethylbenzene	0.0827	0.00200	mg/kg	0.100	ND	82.7	70-130	0.483	20	
1,3,5-Trimethylbenzene	0.0814	0.00200	"	0.100	ND	81.4	70-130	0.392	20	
Benzene	0.0964	0.00200	"	0.100	ND	96.4	70-130	1.26	20	
Ethylbenzene	0.0899	0.00200	"	0.100	ND	89.9	70-130	0.334	20	
Naphthalene	0.106	0.00380	"	0.100	0.00176	105	70-130	1.08	20	
Toluene	0.0879	0.00200	"	0.100	ND	87.9	70-130	1.60	20	
o-Xylene	0.0756	0.00200	"	0.100	ND	75.6	70-130	0.0529	20	
m,p-Xylene	0.165	0.00400	"	0.200	ND	82.4	70-130	0.206	20	
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		89.5	70-130			
Surrogate: Toluene-d8	0.11		"	0.125		90.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		92.5	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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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Metals by EPA 6000/7000 Series Methods - 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 B4A2635 - EPA 3050B

Blank (B4A2635-BLK1)

Prepared: 01/26/2024 Analyzed: 01/29/2024

Arsenic	ND	0.0100	mg/kg
Barium	ND	1.00	"
Cadmium	ND	0.0100	"
Copper	ND	1.00	"
Lead	ND	0.100	"
Nickel	ND	0.100	"
Selenium	ND	0.0100	"
Silver	ND	0.0100	"
Zinc	ND	1.00	"

LCS (B4A2635-BS1)

Prepared: 01/26/2024 Analyzed: 01/29/2024

Arsenic	5.45	0.0100	mg/kg	5.00	109	80-120
Barium	478	1.00	"	500	95.5	80-120
Cadmium	4.68	0.0100	"	5.00	93.6	80-120
Copper	55.3	1.00	"	50.0	111	80-120
Lead	4.89	0.100	"	5.00	97.8	80-120
Nickel	5.32	0.100	"	5.00	106	80-120
Selenium	4.46	0.0100	"	5.00	89.1	80-120
Silver	5.65	0.0100	"	5.00	113	80-120
Zinc	51.0	1.00	"	50.0	102	80-120

Matrix Spike (B4A2635-MS1)

Source: Y401664-05

Prepared: 01/26/2024 Analyzed: 01/29/2024

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Metals by EPA 6000/7000 Series Methods - 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 B4A2635 - EPA 3050B

Matrix Spike (B4A2635-MS1)		Source: Y401664-05			Prepared: 01/26/2024 Analyzed: 01/29/2024					
Arsenic	15.3	0.0977	mg/kg	4.88	9.64	116	75-125			
Barium	680	9.77	"	488	147	109	75-125			
Cadmium	5.39	0.0977	"	4.88	0.160	107	75-125			
Copper	65.5	9.77	"	48.8	12.9	108	75-125			
Lead	16.0	0.977	"	4.88	10.9	105	75-125			
Nickel	21.3	0.977	"	4.88	16.3	103	75-125			
Selenium	4.93	0.0977	"	4.88	0.457	91.6	75-125			
Silver	5.82	0.0977	"	4.88	0.0376	118	75-125			
Zinc	109	9.77	"	48.8	56.2	108	75-125			
Matrix Spike Dup (B4A2635-MSD1)		Source: Y401664-05			Prepared: 01/26/2024 Analyzed: 02/12/2024					
Arsenic	14.4	0.0910	mg/kg	4.55	9.64	105	75-125	5.77	20	
Barium	595	9.10	"	455	147	98.4	75-125	13.4	20	
Cadmium	4.38	0.0910	"	4.55	0.160	92.7	75-125	20.6	20	QR-02
Copper	51.5	9.10	"	45.5	12.9	84.9	75-125	23.9	20	QR-02
Lead	13.7	0.910	"	4.55	10.9	60.1	75-125	16.0	20	QM-07
Nickel	18.9	0.910	"	4.55	16.3	57.8	75-125	11.9	20	QM-07
Selenium	4.77	0.0910	"	4.55	0.457	94.7	75-125	3.41	20	
Silver	4.45	0.0910	"	4.55	0.0376	96.9	75-125	26.8	20	QR-02
Zinc	90.4	9.10	"	45.5	56.2	75.3	75-125	18.5	20	

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2628 - EPA 3580

Blank (B4A2628-BLK1)

Prepared: 01/26/2024 Analyzed: 01/26/2024

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		97.5	60-130			
Surrogate: Pyrene-d10	200		"	200		98.1	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

LCS (B4A2628-BS1)

Prepared: 01/26/2024 Analyzed: 01/26/2024

1-Methylnaphthalene	0.169	0.002	mg/kg	0.200		84.3	70-130			
2-Methylnaphthalene	0.168	0.002	"	0.200		83.9	70-130			
Acenaphthene	0.164	0.020	"	0.200		82.0	70-130			
Anthracene	0.152	0.020	"	0.200		76.2	70-130			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2628 - EPA 3580

LCS (B4A2628-BS1)

Prepared: 01/26/2024 Analyzed: 01/26/2024

Benzo (a) anthracene	0.170	0.005	mg/kg	0.200		84.9	70-130
Benzo (a) pyrene	0.178	0.020	"	0.200		88.9	70-130
Benzo (b) fluoranthene	0.166	0.020	"	0.200		82.8	70-130
Benzo (g,h,i) perylene	0.172	0.020	"	0.200		85.8	70-130
Benzo (k) fluoranthene	0.165	0.020	"	0.200		82.3	70-130
Chrysene	0.171	0.020	"	0.200		85.3	70-130
Dibenz (a,h) anthracene	0.182	0.020	"	0.200		90.8	70-130
Fluoranthene	0.161	0.020	"	0.200		80.7	70-130
Fluorene	0.164	0.020	"	0.200		82.2	70-130
Indeno (1,2,3-cd) pyrene	0.171	0.020	"	0.200		85.7	70-130
Naphthalene	0.168	0.002	"	0.200		84.2	70-130
Phenanthrene	0.157	0.020	"	0.200		78.6	70-130
Pyrene	0.163	0.020	"	0.200		81.3	70-130
Surrogate: Fluorene-d10	200		ug/kg	200		99.8	60-130
Surrogate: Anthracene-d10	190		"	200		96.4	60-130
Surrogate: Pyrene-d10	200		"	200		99.7	60-130
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130

Matrix Spike (B4A2628-MS1)

Source: Y401654-04

Prepared: 01/26/2024 Analyzed: 01/26/2024

1-Methylnaphthalene	0.191	0.002	mg/kg	0.200	ND	95.5	70-130
2-Methylnaphthalene	0.190	0.002	"	0.200	ND	95.2	70-130
Acenaphthene	0.187	0.020	"	0.200	ND	93.6	70-130
Anthracene	0.171	0.020	"	0.200	0.0004	85.4	70-130
Benzo (a) anthracene	0.190	0.005	"	0.200	ND	95.0	70-130
Benzo (a) pyrene	0.183	0.020	"	0.200	ND	91.6	70-130
Benzo (b) fluoranthene	0.204	0.020	"	0.200	ND	102	70-130
Benzo (g,h,i) perylene	0.196	0.020	"	0.200	ND	97.8	70-130

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2628 - EPA 3580

Matrix Spike (B4A2628-MS1)		Source: Y401654-04			Prepared: 01/26/2024 Analyzed: 01/26/2024					
Benzo (k) fluoranthene	0.195	0.020	mg/kg	0.200	ND	97.3	70-130			
Chrysene	0.190	0.020	"	0.200	ND	94.8	70-130			
Dibenz (a,h) anthracene	0.196	0.020	"	0.200	ND	98.2	70-130			
Fluoranthene	0.187	0.020	"	0.200	ND	93.3	70-130			
Fluorene	0.187	0.020	"	0.200	ND	93.5	70-130			
Indeno (1,2,3-cd) pyrene	0.189	0.020	"	0.200	ND	94.4	70-130			
Naphthalene	0.192	0.002	"	0.200	ND	96.1	70-130			
Phenanthrene	0.180	0.020	"	0.200	ND	90.1	70-130			
Pyrene	0.181	0.020	"	0.200	ND	90.6	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	200		"	200		98.6	60-130			
Surrogate: Pyrene-d10	200		"	200		99.5	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Matrix Spike Dup (B4A2628-MSD1)		Source: Y401654-04			Prepared: 01/26/2024 Analyzed: 01/26/2024					
1-Methylnaphthalene	0.196	0.002	mg/kg	0.200	ND	97.8	70-130	2.39	20	
2-Methylnaphthalene	0.194	0.002	"	0.200	ND	97.1	70-130	2.04	20	
Acenaphthene	0.191	0.020	"	0.200	ND	95.5	70-130	1.99	20	
Anthracene	0.182	0.020	"	0.200	0.0004	90.9	70-130	6.23	20	
Benzo (a) anthracene	0.187	0.005	"	0.200	ND	93.7	70-130	1.32	20	
Benzo (a) pyrene	0.191	0.020	"	0.200	ND	95.3	70-130	4.01	20	
Benzo (b) fluoranthene	0.196	0.020	"	0.200	ND	97.8	70-130	4.20	20	
Benzo (g,h,i) perylene	0.202	0.020	"	0.200	ND	101	70-130	3.23	20	
Benzo (k) fluoranthene	0.204	0.020	"	0.200	ND	102	70-130	4.61	20	
Chrysene	0.188	0.020	"	0.200	ND	93.8	70-130	0.986	20	
Dibenz (a,h) anthracene	0.200	0.020	"	0.200	ND	99.9	70-130	1.72	20	
Fluoranthene	0.190	0.020	"	0.200	ND	95.0	70-130	1.83	20	

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A2628 - EPA 3580

Matrix Spike Dup (B4A2628-MSD1)		Source: Y401654-04			Prepared: 01/26/2024 Analyzed: 01/26/2024					
Fluorene	0.190	0.020	mg/kg	0.200	ND	95.2	70-130	1.72	20	
Indeno (1,2,3-cd) pyrene	0.204	0.020	"	0.200	ND	102	70-130	7.70	20	
Naphthalene	0.198	0.002	"	0.200	ND	98.8	70-130	2.73	20	
Phenanthrene	0.186	0.020	"	0.200	ND	93.1	70-130	3.19	20	
Pyrene	0.189	0.020	"	0.200	ND	94.5	70-130	4.25	20	
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	200		"	200		97.6	60-130			
Surrogate: Pyrene-d10	200		"	200		100	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Classical Chemistry Parameters - 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 B4A2706 - Saturated Paste Metals

Blank (B4A2706-BLK1)

Prepared: 01/27/2024 Analyzed: 01/29/2024

SAR	ND	0.0100	SAR
Calcium PPM	ND	10.0	mg/L
Magnesium PPM	ND	10.0	"
Sodium PPM	ND	10.0	"

Duplicate (B4A2706-DUP1)

Source: Y401662-01

Prepared: 01/27/2024 Analyzed: 01/29/2024

Calcium PPM	33.8	10.0	mg/L	35.3	4.28	50
SAR	ND	0.0100	SAR	2.02		200
Magnesium PPM	53.7	10.0	mg/L	56.2	4.59	50
Sodium PPM	80.3	10.0	"	83.0	3.27	50

Batch B4A2911 - DTPA Sorbitol Preparation

Blank (B4A2911-BLK1)

Prepared: 01/29/2024 Analyzed: 01/30/2024

Boron	ND	0.100	mg/L
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Duplicate (B4A2911-DUP1)

Source: Y401662-07

Prepared: 01/29/2024 Analyzed: 01/30/2024

Boron	1.59	0.0993	mg/L	1.58	0.267	50
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Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4A2713 - Saturated Paste pH/EC										
Blank (B4A2713-BLK1)					Prepared: 01/27/2024 Analyzed: 01/28/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4A2713-DUP1)					Source: Y401662-01 Prepared: 01/27/2024 Analyzed: 01/28/2024					
pH	8.43		pH Units		8.42			0.119	25	
Specific Conductance (EC)	0.971	0.00500	mmhos/cm		0.994			2.33	25	

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L730910 -										
DUP (L 92058-DUP)		Source: 92058			Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
MS (L 92058-MS)		Source: 92058			Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	32.1	2.5	mg/Kg	39	< 0.244	82	75-125			
LCS (LCS)					Prepared: Analyzed: 02/05/2024					
Chromium, Hexavalent	6.13	0.5	mg/Kg	8		77	75-125			
LRB (LRB)					Prepared: Analyzed: 02/05/2024					
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.

Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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.



February 12, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Canepa 6-22

Project Number - [none]

Attached are your analytical results for KMG - Canepa 6-22 received by Origins Laboratory, Inc. January 31, 2024. This project is associated with Origins project number Y401769-01.

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B14@3'	Y401769-01	Soil	January 31, 2024 14:05	01/31/2024 15:10

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4401769

Client: Eagle

Client Project ID: Canepa 6-22

Checklist Completed by: EH5/ACN

Shipped Via: HO

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

Date/time completed: 1/31/24

Airbill #: N/A

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

Cooler Number/Temperature: 1/6 °C / _____ °C / _____ °C (Describe)

Thermometer ID: 1004

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

[Signature]
Reviewed by (Project Manager)

1/31/24
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

Jen Pellegrini For Jordan A. Bynon, Project Manager

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B14@3'

1/31/2024 2:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401769-01 (Soil)

Boron (DTPA Sorbitol)

Boron	1.23	0.101	mg/L	1	B4B0112	02/01/2024	02/02/2024	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4A3102	01/31/2024	01/31/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

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

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4A3124	01/31/2024	02/01/2024	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	103 %	70-130	"	"	"	"	"
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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.

Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B14@3'

1/31/2024 2:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401769-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	102 %	70-130	B4A31 24	01/31/2024	02/01/2024
Surrogate: 4-Bromofluorobenzene	104 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	20.3	0.499	meq/L	10	[CALC]	02/01/2024	02/02/2024
Magnesium	29.4	0.823	"	"	"	"	"
Sodium	16.4	0.435	"	"	"	"	"

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4A3125	01/31/2024	02/01/2024	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.020	"	"	"	"	"	U
Anthracene	ND	0.020	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	U
Chrysene	ND	0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	U
Fluoranthene	ND	0.020	"	"	"	"	"	U

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B14@3'

1/31/2024 2:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401769-01 (Soil)

PAH by EPA 8270E

Fluorene	ND	0.020	mg/kg	1	B4A3125	01/31/2024	02/01/2024	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	"	"	U
Naphthalene	ND	0.002	"	"	"	"	"	U
Pyrene	ND	0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	101 %	60-130	"	"	"
Surrogate: Anthracene-d10	94.3 %	60-130	"	"	"
Surrogate: Pyrene-d10	97.7 %	60-130	"	"	"
Surrogate: Benzo (a) pyrene-d12	101 %	60-130	"	"	"

pH in Soil by 9045D

pH	8.15	pH Units	1	B4B0115	02/01/2024	02/02/2024
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SAR by 20B Saturated Paste

SAR	3.29	0.0100	SAR	1	B4B0104	02/01/2024	02/02/2024
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.67	0.00500	mmhos/cm	1	B4B0115	02/01/2024	02/02/2024
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Table 915 metals by EPA 6020B

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

FL-B14@3'

1/31/2024 2:05:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y401769-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	6.93	0.0890	mg/kg	10	B4A3123	01/31/2024	02/06/2024	
Barium	197	8.90	"	"	"	"	"	
Cadmium	0.268	0.0890	"	"	"	"	"	
Copper	13.0	8.90	"	"	"	"	"	
Lead	12.4	0.890	"	"	"	"	"	
Nickel	17.5	0.890	"	"	"	"	"	
Selenium	0.399	0.0890	"	"	"	"	"	
Silver	ND	0.0890	"	"	"	"	"	U
Zinc	64.0	8.90	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L731631	01/31/2024	02/08/2024
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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3102 - EPA 3550B										
Blank (B4A3102-BLK1)					Prepared: 01/31/2024 Analyzed: 01/31/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		86.6	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3102 - EPA 3550B										
LCS (B4A3102-BS1)					Prepared: 01/31/2024 Analyzed: 01/31/2024					
Diesel (C10-C28)	831	50.0	mg/kg	1000		83.1	70-130			
Residual Range Organics (C28-C40)	933	200	"	1000		93.3	70-130			
Surrogate: o-Terphenyl	44		"	49.8		88.6	50-150			

Origins Laboratory, Inc.



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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3102 - EPA 3550B

Matrix Spike (B4A3102-MS1)		Source: Y401764-01			Prepared: 01/31/2024 Analyzed: 01/31/2024					
Diesel (C10-C28)	838	50.0	mg/kg	1000	ND	83.8	70-130			
Residual Range Organics (C28-C40)	935	200	"	1000	ND	93.5	70-130			
Surrogate: o-Terphenyl	39		"	49.8		78.8	50-150			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3102 - EPA 3550B										
Matrix Spike Dup (B4A3102-MSD1)		Source: Y401764-01			Prepared: 01/31/2024 Analyzed: 01/31/2024					
Diesel (C10-C28)	839	50.0	mg/kg	1000	ND	83.9	70-130	0.145	35	
Residual Range Organics (C28-C40)	943	200	"	1000	ND	94.3	70-130	0.827	35	
Surrogate: o-Terphenyl	41		"	49.8		82.7	50-150			

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3124 - EPA 5030 (soil)										
Blank (B4A3124-BLK1)					Prepared: 01/31/2024 Analyzed: 01/31/2024					
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	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3124 - EPA 5030 (soil)										
LCS (B4A3124-BS1)					Prepared: 01/31/2024 Analyzed: 01/31/2024					
1,2,4-Trimethylbenzene	0.0959	0.00200	mg/kg	0.100		95.9	70-130			
1,3,5-Trimethylbenzene	0.100	0.00200	"	0.100		100	70-130			
Benzene	0.113	0.00200	"	0.100		113	70-130			
Ethylbenzene	0.0970	0.00200	"	0.100		97.0	70-130			
Naphthalene	0.104	0.00380	"	0.100		104	70-130			
Toluene	0.101	0.00200	"	0.100		101	70-130			
o-Xylene	0.0918	0.00200	"	0.100		91.8	70-130			
m,p-Xylene	0.200	0.00400	"	0.200		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.5	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.7	70-130			

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3124 - EPA 5030 (soil)										
Matrix Spike (B4A3124-MS1)		Source: Y401764-01			Prepared: 01/31/2024 Analyzed: 01/31/2024					
1,2,4-Trimethylbenzene	0.0920	0.00200	mg/kg	0.100	ND	92.0	70-130			
1,3,5-Trimethylbenzene	0.0963	0.00200	"	0.100	ND	96.3	70-130			
Benzene	0.107	0.00200	"	0.100	ND	107	70-130			
Ethylbenzene	0.0952	0.00200	"	0.100	ND	95.2	70-130			
Naphthalene	0.0959	0.00380	"	0.100	ND	95.9	70-130			
Toluene	0.0962	0.00200	"	0.100	ND	96.2	70-130			
o-Xylene	0.0896	0.00200	"	0.100	ND	89.6	70-130			
m,p-Xylene	0.196	0.00400	"	0.200	ND	97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		92.5	70-130			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 B4A3124 - EPA 5030 (soil)										
Matrix Spike Dup (B4A3124-MSD1)		Source: Y401764-01			Prepared: 01/31/2024 Analyzed: 01/31/2024					
1,2,4-Trimethylbenzene	0.0987	0.00200	mg/kg	0.100	ND	98.7	70-130	7.03	20	
1,3,5-Trimethylbenzene	0.102	0.00200	"	0.100	ND	102	70-130	6.02	20	
Benzene	0.0992	0.00200	"	0.100	ND	99.2	70-130	8.01	20	
Ethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130	6.09	20	
Naphthalene	0.111	0.00380	"	0.100	ND	111	70-130	15.0	20	
Toluene	0.101	0.00200	"	0.100	ND	101	70-130	4.91	20	
o-Xylene	0.0962	0.00200	"	0.100	ND	96.2	70-130	7.02	20	
m,p-Xylene	0.206	0.00400	"	0.200	ND	103	70-130	5.02	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.6	70-130			

Origins Laboratory, Inc.



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8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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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Metals by EPA 6000/7000 Series Methods - 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 B4A3123 - EPA 3050B

Blank (B4A3123-BLK1)

Prepared: 01/31/2024 Analyzed: 02/05/2024

Arsenic	ND	0.0100	mg/kg							U
Barium	ND	1.00	"							U
Cadmium	ND	0.0100	"							U
Copper	ND	1.00	"							U
Lead	ND	0.100	"							U
Nickel	ND	0.100	"							U
Selenium	ND	0.0100	"							U
Silver	ND	0.0100	"							U
Zinc	ND	1.00	"							U

LCS (B4A3123-BS1)

Prepared: 01/31/2024 Analyzed: 02/05/2024

Arsenic	5.19	0.0100	mg/kg	5.00		104	80-120
Barium	511	1.00	"	500		102	80-120
Cadmium	5.24	0.0100	"	5.00		105	80-120
Copper	53.5	1.00	"	50.0		107	80-120
Lead	5.34	0.100	"	5.00		107	80-120
Nickel	5.20	0.100	"	5.00		104	80-120
Selenium	4.99	0.0100	"	5.00		99.8	80-120
Silver	5.26	0.0100	"	5.00		105	80-120
Zinc	42.9	1.00	"	50.0		85.8	80-120

Matrix Spike (B4A3123-MS1)

Source: Y401765-01

Prepared: 01/31/2024 Analyzed: 02/05/2024

Origins Laboratory, Inc.



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Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Metals by EPA 6000/7000 Series Methods - 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 B4A3123 - EPA 3050B

Matrix Spike (B4A3123-MS1)		Source: Y401765-01			Prepared: 01/31/2024 Analyzed: 02/05/2024					
Arsenic	10.4	0.0895	mg/kg	4.47	6.02	98.8	75-125			
Barium	713	8.95	"	447	248	104	75-125			
Cadmium	4.89	0.0895	"	4.47	0.193	105	75-125			
Copper	46.0	8.95	"	44.7	8.65	83.5	75-125			
Lead	13.2	0.895	"	4.47	9.01	94.7	75-125			
Nickel	15.4	0.895	"	4.47	11.2	94.3	75-125			
Selenium	4.67	0.0895	"	4.47	0.203	99.8	75-125			
Silver	4.38	0.0895	"	4.47	0.0504	96.8	75-125			
Zinc	81.9	8.95	"	44.7	45.2	82.1	75-125			
Matrix Spike Dup (B4A3123-MSD1)		Source: Y401765-01			Prepared: 01/31/2024 Analyzed: 02/05/2024					
Arsenic	10.4	0.0893	mg/kg	4.46	6.02	98.6	75-125	0.208	20	
Barium	758	8.93	"	446	248	114	75-125	6.05	20	
Cadmium	4.93	0.0893	"	4.46	0.193	106	75-125	0.805	20	
Copper	46.1	8.93	"	44.6	8.65	84.0	75-125	0.219	20	
Lead	13.2	0.893	"	4.46	9.01	93.1	75-125	0.620	20	
Nickel	15.4	0.893	"	4.46	11.2	94.2	75-125	0.0877	20	
Selenium	4.59	0.0893	"	4.46	0.203	98.2	75-125	1.79	20	
Silver	4.47	0.0893	"	4.46	0.0504	99.1	75-125	2.05	20	
Zinc	81.4	8.93	"	44.6	45.2	81.1	75-125	0.643	20	

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A3125 - EPA 3580

Blank (B4A3125-BLK1)

Prepared: 01/31/2024 Analyzed: 02/01/2024

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		94.2	60-130			
Surrogate: Pyrene-d10	190		"	200		96.7	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

LCS (B4A3125-BS1)

Prepared: 01/31/2024 Analyzed: 02/01/2024

1-Methylnaphthalene	0.202	0.002	mg/kg	0.200		101	70-130
2-Methylnaphthalene	0.202	0.002	"	0.200		101	70-130
Acenaphthene	0.198	0.020	"	0.200		99.0	70-130
Anthracene	0.180	0.020	"	0.200		89.8	70-130

Origins Laboratory, Inc.



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Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A3125 - EPA 3580

LCS (B4A3125-BS1)

Prepared: 01/31/2024 Analyzed: 02/01/2024

Benzo (a) anthracene	0.185	0.005	mg/kg	0.200		92.7	70-130
Benzo (a) pyrene	0.208	0.020	"	0.200		104	70-130
Benzo (b) fluoranthene	0.217	0.020	"	0.200		108	70-130
Benzo (g,h,i) perylene	0.214	0.020	"	0.200		107	70-130
Benzo (k) fluoranthene	0.222	0.020	"	0.200		111	70-130
Chrysene	0.200	0.020	"	0.200		100	70-130
Dibenz (a,h) anthracene	0.218	0.020	"	0.200		109	70-130
Fluoranthene	0.195	0.020	"	0.200		97.5	70-130
Fluorene	0.194	0.020	"	0.200		96.9	70-130
Indeno (1,2,3-cd) pyrene	0.218	0.020	"	0.200		109	70-130
Naphthalene	0.203	0.002	"	0.200		101	70-130
Phenanthrene	0.188	0.020	"	0.200		94.2	70-130
Pyrene	0.189	0.020	"	0.200		94.7	70-130
Surrogate: Fluorene-d10	200		ug/kg	200		101	60-130
Surrogate: Anthracene-d10	190		"	200		94.0	60-130
Surrogate: Pyrene-d10	190		"	200		97.4	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130

Matrix Spike (B4A3125-MS1)

Source: Y401761-01

Prepared: 01/31/2024 Analyzed: 02/01/2024

1-Methylnaphthalene	0.191	0.002	mg/kg	0.200	0.005	93.0	70-130
2-Methylnaphthalene	0.196	0.002	"	0.200	0.005	95.5	70-130
Acenaphthene	0.176	0.020	"	0.200	0.002	87.1	70-130
Anthracene	0.148	0.020	"	0.200	ND	74.1	70-130
Benzo (a) anthracene	0.157	0.005	"	0.200	ND	78.5	70-130
Benzo (a) pyrene	0.178	0.020	"	0.200	ND	89.1	70-130
Benzo (b) fluoranthene	0.186	0.020	"	0.200	ND	92.8	70-130
Benzo (g,h,i) perylene	0.181	0.020	"	0.200	ND	90.4	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.

Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B4A3125 - EPA 3580

Matrix Spike (B4A3125-MS1)		Source: Y401761-01			Prepared: 01/31/2024 Analyzed: 02/01/2024					
Benzo (k) fluoranthene	0.174	0.020	mg/kg	0.200	ND	87.0	70-130			
Chrysene	0.166	0.020	"	0.200	ND	82.8	70-130			
Dibenz (a,h) anthracene	0.190	0.020	"	0.200	ND	95.0	70-130			
Fluoranthene	0.168	0.020	"	0.200	0.0004	83.6	70-130			
Fluorene	0.174	0.020	"	0.200	ND	87.1	70-130			
Indeno (1,2,3-cd) pyrene	0.186	0.020	"	0.200	ND	93.0	70-130			
Naphthalene	0.174	0.002	"	0.200	ND	86.8	70-130			
Phenanthrene	0.166	0.020	"	0.200	ND	83.1	70-130			
Pyrene	0.160	0.020	"	0.200	ND	79.9	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		94.2	60-130			
Surrogate: Pyrene-d10	190		"	200		96.4	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

Matrix Spike Dup (B4A3125-MSD1)		Source: Y401761-01			Prepared: 01/31/2024 Analyzed: 02/01/2024					
1-Methylnaphthalene	0.180	0.002	mg/kg	0.200	0.005	87.6	70-130	5.81	20	
2-Methylnaphthalene	0.187	0.002	"	0.200	0.005	91.0	70-130	4.68	20	
Acenaphthene	0.154	0.020	"	0.200	0.002	76.2	70-130	13.3	20	
Anthracene	0.147	0.020	"	0.200	ND	73.3	70-130	1.08	20	
Benzo (a) anthracene	0.151	0.005	"	0.200	ND	75.4	70-130	4.03	20	
Benzo (a) pyrene	0.160	0.020	"	0.200	ND	79.9	70-130	10.9	20	
Benzo (b) fluoranthene	0.164	0.020	"	0.200	ND	82.1	70-130	12.2	20	
Benzo (g,h,i) perylene	0.161	0.020	"	0.200	ND	80.3	70-130	11.8	20	
Benzo (k) fluoranthene	0.157	0.020	"	0.200	ND	78.4	70-130	10.5	20	
Chrysene	0.151	0.020	"	0.200	ND	75.4	70-130	9.31	20	
Dibenz (a,h) anthracene	0.168	0.020	"	0.200	ND	83.9	70-130	12.4	20	
Fluoranthene	0.148	0.020	"	0.200	0.0004	73.7	70-130	12.5	20	

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4A3125 - EPA 3580										
Matrix Spike Dup (B4A3125-MSD1)			Source: Y401761-01		Prepared: 01/31/2024 Analyzed: 02/01/2024					
Fluorene	0.157	0.020	mg/kg	0.200	ND	78.7	70-130	10.1	20	
Indeno (1,2,3-cd) pyrene	0.164	0.020	"	0.200	ND	82.2	70-130	12.4	20	
Naphthalene	0.157	0.002	"	0.200	ND	78.3	70-130	10.3	20	
Phenanthrene	0.149	0.020	"	0.200	ND	74.7	70-130	10.6	20	
Pyrene	0.142	0.020	"	0.200	ND	70.9	70-130	11.9	20	
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		94.9	60-130			
Surrogate: Pyrene-d10	190		"	200		95.7	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Classical Chemistry Parameters - 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 B4B0104 - Saturated Paste Metals

Blank (B4B0104-BLK1)

Prepared: 02/01/2024 Analyzed: 02/02/2024

Calcium PPM	ND	10.0	mg/L							U
SAR	ND	0.0100	SAR							U
Magnesium PPM	ND	10.0	mg/L							U
Sodium PPM	ND	10.0	"							U

Duplicate (B4B0104-DUP1)

Source: Y401697-01

Prepared: 02/01/2024 Analyzed: 02/02/2024

SAR	ND	0.0100	SAR		0.326			200		U
Calcium PPM	45.3	10.0	mg/L		44.6			1.65	50	
Magnesium PPM	11.1	10.0	"		10.9			1.27	50	
Sodium PPM	9.29	10.0	"		9.36			0.751	50	U

Batch B4B0112 - DTPA Sorbitol Preparation

Blank (B4B0112-BLK1)

Prepared: 02/01/2024 Analyzed: 02/02/2024

Boron	ND	0.100	mg/L							U
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Duplicate (B4B0112-DUP1)

Source: Y401764-02

Prepared: 02/01/2024 Analyzed: 02/02/2024

Boron	0.127	0.101	mg/L		0.0966			27.1	50	
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Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B0115 - Saturated Paste pH/EC										
Blank (B4B0115-BLK1)					Prepared: 02/01/2024 Analyzed: 02/02/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
Duplicate (B4B0115-DUP1)					Source: Y401697-01 Prepared: 02/01/2024 Analyzed: 02/02/2024					
pH	8.01		pH Units		8.03			0.249	25	
Specific Conductance (EC)	0.354	0.00500	mmhos/cm		0.435			20.6	25	

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L731631 -										
DUP (L 99560-DUP)		Source: 99560			Prepared: Analyzed: 02/08/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500	-		0	20	
MS (L 99560-MS)		Source: 99560			Prepared: Analyzed: 02/08/2024					
Chromium, Hexavalent	29.8	2.5	mg/Kg	39.2	< 0.244	76	75-125			
LCS (LCS)					Prepared: Analyzed: 02/08/2024					
Chromium, Hexavalent	6.41	0.5	mg/Kg	8		80	75-125			
LRB (LRB)					Prepared: Analyzed: 02/08/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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

Dan Coloccia
Project Number: [none]
Project: KMG - Canepa 6-22

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 on a wet weight basis.

Origins Laboratory, Inc.



Jen Pellegrini For Jordan A. Bynon, Project Manager

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.



July 26, 2022

Eagle Environmental Consulting, Inc.

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG-Warner 23-6

Project Number - [none]

Attached are your analytical results for KMG-Warner 23-6 received by Origins Laboratory, Inc. July 15, 2022. This project is associated with Origins project number Y207322-01.

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-Warner 23-6

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B01@4'	Y207322-01	Soil	July 15, 2022 12:21	07/15/2022 14:47
WH-B01@6'	Y207322-02	Soil	July 15, 2022 12:23	07/15/2022 14:47
WH-BG01@3'	Y207322-03	Soil	July 15, 2022 12:41	07/15/2022 14:47
WH-BG01@6'	Y207322-04	Soil	July 15, 2022 12:43	07/15/2022 14:47
WH-BG02@3'	Y207322-05	Soil	July 15, 2022 12:45	07/15/2022 14:47
WH-BG02@6'	Y207322-06	Soil	July 15, 2022 12:47	07/15/2022 14:47
WH-BG03@3'	Y207322-07	Soil	July 15, 2022 12:49	07/15/2022 14:47
WH-BG03@6'	Y207322-08	Soil	July 15, 2022 12:51	07/15/2022 14:47
WH-BG04@3'	Y207322-09	Soil	July 15, 2022 12:53	07/15/2022 14:47
WH-BG04@6'	Y207322-10	Soil	July 15, 2022 12:55	07/15/2022 14:47

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-Warner 23-6

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

ORIGINS

LABORATORY, INC

www.originslaboratory.com

page 1 of 1

Client: Eagle Environmental (Oxy)
 Address: 8000 W. 44th Ave.
Wheat Ridge, CO 80033
 Telephone Number: 303-433-0479
 Email Address: dcoloccia@eagle-enviro.com
 Project Manager: D. Coloccia
 Project Name: Warner 23-6
 Project Number: -
 Samples Collected By: Allie M.

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix				Analysis				Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	GC/MS	GC/MS	GC/MS	GC/MS	
FL-B0104	7/15/22	1221	2	X				X				X	X	X	X	
WH-B0106	7/15/22	1223	2	X				X				X	X	X	X	
WH-B0103	7/15/22	1241	2	X				X				X	X	X	X	
WH-B0106	7/15/22	1243	2	X				X				X	X	X	X	
WH-B0106	7/15/22	1245	2	X				X				X	X	X	X	
WH-B0203	7/15/22	1247	2	X				X				X	X	X	X	
WH-B0203	7/15/22	1249	2	X				X				X	X	X	X	
WH-B0303	7/15/22	1251	2	X				X				X	X	X	X	
WH-B0306	7/15/22	1253	2	X				X				X	X	X	X	
WH-B0403	7/15/22	1255	2	X				X				X	X	X	X	
WH-B0406	7/15/22	1255	2	X				X				X	X	X	X	

Temp Received: 3.3

Date Results Needed

Relinquished By: Alison M.
 Date: 7/15/2022
 Time: 0308
 Received By: DE
 Date: 7-15-2022
 Time: 15:05
 Turnaround Time:
 Same Day ☒ 24 Hr ☐
 48 Hr ☐ 72 Hr ☐
 Standard ☐

Origins Laboratory, Inc.

Jefe Pellegrini

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Dan Coloccia
Project Number: [none]
Project: KMG-Warner 23-6

Origins Laboratory

Origins Work Order: 1207322

Checklist Completed by: JSH

Date/Time Completed: 7/15/22 15:00

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

Cooler Number/Temp: 1 33.0 °C

Thermometer ID: 1004

Client: Eagle Environmental
Client Project ID: KMG-Warner 23-6

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

Airbill #: N/A

Effect Date: 01/09/12

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature maintained?	<input checked="" type="checkbox"/>			
Is there ice present? (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present in comments if they are 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?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided?	<input checked="" type="checkbox"/>			
Are short holding times due within 48 hours?			<input checked="" type="checkbox"/>	
Is a chain-of-custody completely completed?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received?	<input checked="" type="checkbox"/>			
Do the sample IDs or COC match the bottle labels?	<input checked="" type="checkbox"/>			
Is the COC properly signed and time recorded?	<input checked="" type="checkbox"/>			
For volatiles in water (bubbles) present? If yes, narrative.			<input checked="" type="checkbox"/>	
Are samples preserved and was it checked? (note ID of confirmation) / (preservation is not required analyses in order to insure samples preserved with HNO ₃ , or samples preserved with HCl, H ₂ SO ₄ / (pH < 2, NaAsO ₂ +NaOH, ZnAc (pH) any).			<input checked="" type="checkbox"/>	

Additional Comments:

(1) If NO, then contact the client before proceeding with analysis and note date/time and person contacted and action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager): JSH

Date/Time Reviewed: 7/15/22 15:02

Origins Laboratory, Inc.

Jefe Pellegrini

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Dan Coloccia
Project Number: [none]
Project: KMG-Warner 23-6

FL-B01@4'

7/15/2022 12:21:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y207322-01 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2G1517	ZZZ	07/15/2022	07/15/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl 78.0 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2G1518	JSM	07/15/2022	07/15/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4 85.2 % 70-130 " " "
Surrogate: Toluene-d8 98.5 % 70-130 " " "
Surrogate: 4-Bromofluorobenzene 95.6 % 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-Warner 23-6

WH-B01@6'

7/15/2022 12:23:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y207322-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.822	0.100	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2G1517	ZZZ	07/15/2022	07/15/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	73.3 %	50-150			"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2G1518	JSM	07/15/2022	07/15/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	82.1 %	70-130			"	"	"
Surrogate: Toluene-d8	95.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	103 %	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-Warner 23-6

WH-B01@6'**7/15/2022 12:23:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.**Y207322-02 (Soil)****Metals by Saturated Paste by EPA 6010**

Calcium	9.80	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	10.4	0.823	"	"	"	KAP	"	"
Sodium	4.86	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.77		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	1.53		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.02	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG01@3'**7/15/2022 12:41:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
Y207322-03 (Soil)****Boron (DTPA Sorbitol)**

Boron	1.51	0.100	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	7.54	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	23.3	0.823	"	"	"	KAP	"	"
Sodium	20.8	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.37		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	5.28		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	3.98	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG01@6'

7/15/2022 12:43:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y207322-04 (Soil)

Boron (DTPA Sorbitol)

Boron	2.23	0.0998	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	21.6	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	56.5	0.823	"	"	"	KAP	"	"
Sodium	34.4	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.15		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	5.50		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	6.66	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG02@3'

7/15/2022 12:45:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y207322-05 (Soil)

Boron (DTPA Sorbitol)

Boron	4.47	0.100	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	22.2	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	52.2	0.823	"	"	"	KAP	"	"
Sodium	18.6	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.15		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	3.05		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.85	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG02@6'**7/15/2022 12:47:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
Y207322-06 (Soil)****Boron (DTPA Sorbitol)**

Boron	4.27	0.100	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	21.6	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	58.0	0.823	"	"	"	KAP	"	"
Sodium	17.9	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.12		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	2.83		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	5.95	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG03@3'**7/15/2022 12:49:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
Y207322-07 (Soil)****Boron (DTPA Sorbitol)**

Boron	1.32	0.0997	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	24.0	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	39.0	0.823	"	"	"	KAP	"	"
Sodium	9.28	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	7.95		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	1.65		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	4.41	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG03@6'

7/15/2022 12:51:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y207322-08 (Soil)

Boron (DTPA Sorbitol)

Boron	2.66	0.0999	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	22.5	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	61.1	0.823	"	"	"	KAP	"	"
Sodium	31.1	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.00		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	4.81		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	7.11	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG04@3'**7/15/2022 12:53:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
Y207322-09 (Soil)****Boron (DTPA Sorbitol)**

Boron	6.94	0.100	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	22.1	4.99	meq/L	100	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	222	8.23	"	"	"	KAP	"	"
Sodium	94.2	4.35	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.18		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	8.52		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	17.1	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

WH-BG04@6'**7/15/2022 12:55:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
Y207322-10 (Soil)****Boron (DTPA Sorbitol)**

Boron	5.44	0.0997	mg/L	1	B2G1804	KAP	07/18/2022	07/19/2022
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Metals by Saturated Paste by EPA 6010

Calcium	21.2	0.499	meq/L	10	[CALC]	KAP	07/18/2022	07/19/2022
Magnesium	97.9	0.823	"	"	"	KAP	"	"
Sodium	61.4	0.435	"	"	"	KAP	"	"

pH in Soil by 9045D

pH	8.20		pH Units	1	B2G1808	CNG	07/18/2022	07/19/2022
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SAR by 20B Saturated Paste

SAR	7.95		SAR	1	B2G1806	KAP	07/18/2022	07/19/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	10.6	0.00500	mmhos/cm	1	B2G1808	CNG	07/18/2022	07/19/2022
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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-Warner 23-6

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 B2G1517 - EPA 3550B										
Blank (B2G1517-BLK1)					Prepared: 07/15/2022 Analyzed: 07/15/2022					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	20		"	24.9		80.6	50-150			

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-Warner 23-6

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 B2G1517 - EPA 3550B

LCS (B2G1517-BS1)

Prepared: 07/15/2022 Analyzed: 07/15/2022

Diesel (C10-C28)	1010	50.0	mg/kg	1000		101	70-130			
Residual Range Organics (C28-C40)	870	200	"	1000		87.0	70-130			
Surrogate: o-Terphenyl	40		"	49.8		80.1	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG-Warner 23-6

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 B2G1517 - EPA 3550B

Matrix Spike (B2G1517-MS1)		Source: Y207305-01			Prepared: 07/15/2022 Analyzed: 07/15/2022					
Diesel (C10-C28)	999	50.0	mg/kg	1000	ND	99.9	70-130			
Residual Range Organics (C28-C40)	823	200	"	1000	ND	82.3	70-130			
Surrogate: o-Terphenyl	40		"	49.8		80.2	50-150			

Origins Laboratory, Inc.



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Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG-Warner 23-6

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 B2G1517 - EPA 3550B

Matrix Spike Dup (B2G1517-MSD1)		Source: Y207305-01			Prepared: 07/15/2022 Analyzed: 07/15/2022					
Diesel (C10-C28)	967	50.0	mg/kg	1000	ND	96.7	70-130	3.33	35	
Residual Range Organics (C28-C40)	807	200	"	1000	ND	80.7	70-130	1.99	35	
Surrogate: o-Terphenyl	38		"	49.8		75.7	50-150			

Origins Laboratory, Inc.



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

Dan Coloccia
Project Number: [none]
Project: KMG-Warner 23-6

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 B2G1518 - EPA 5030 (soil)										
Blank (B2G1518-BLK1)					Prepared: 07/15/2022 Analyzed: 07/15/2022					
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		82.6	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.3	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-Warner 23-6

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 B2G1518 - EPA 5030 (soil)										
LCS (B2G1518-BS1)					Prepared: 07/15/2022 Analyzed: 07/15/2022					
1,2,4-Trimethylbenzene	0.0995	0.00200	mg/kg	0.100		99.5	70-130			
1,3,5-Trimethylbenzene	0.101	0.00200	"	0.100		101	70-130			
Benzene	0.0929	0.00200	"	0.100		92.9	70-130			
Ethylbenzene	0.101	0.00200	"	0.100		101	70-130			
Naphthalene	0.0910	0.0100	"	0.100		91.0	70-130			
Toluene	0.0930	0.00200	"	0.100		93.0	70-130			
o-Xylene	0.0972	0.00200	"	0.100		97.2	70-130			
m,p-Xylene	0.208	0.00400	"	0.200		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.099		"	0.125		79.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		110	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-Warner 23-6

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 B2G1518 - EPA 5030 (soil)

Matrix Spike (B2G1518-MS1)		Source: Y207305-01			Prepared: 07/15/2022 Analyzed: 07/15/2022					
1,2,4-Trimethylbenzene	0.116	0.00200	mg/kg	0.100	ND	116	70-130			
1,3,5-Trimethylbenzene	0.119	0.00200	"	0.100	ND	119	70-130			
Benzene	0.102	0.00200	"	0.100	ND	102	70-130			
Ethylbenzene	0.118	0.00200	"	0.100	ND	118	70-130			
Naphthalene	0.107	0.0100	"	0.100	ND	107	70-130			
Toluene	0.0992	0.00200	"	0.100	ND	99.2	70-130			
o-Xylene	0.115	0.00200	"	0.100	ND	115	70-130			
m,p-Xylene	0.243	0.00400	"	0.200	ND	121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.098		"	0.125		78.1	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		93.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		115	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-Warner 23-6

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 B2G1518 - EPA 5030 (soil)										
Matrix Spike Dup (B2G1518-MSD1)		Source: Y207305-01			Prepared: 07/15/2022 Analyzed: 07/15/2022					
1,2,4-Trimethylbenzene	0.111	0.00200	mg/kg	0.100	ND	111	70-130	4.53	20	
1,3,5-Trimethylbenzene	0.112	0.00200	"	0.100	ND	112	70-130	5.52	20	
Benzene	0.0999	0.00200	"	0.100	ND	99.9	70-130	2.35	20	
Ethylbenzene	0.113	0.00200	"	0.100	ND	113	70-130	4.45	20	
Naphthalene	0.104	0.0100	"	0.100	ND	104	70-130	3.06	20	
Toluene	0.0979	0.00200	"	0.100	ND	97.9	70-130	1.34	20	
o-Xylene	0.110	0.00200	"	0.100	ND	110	70-130	4.73	20	
m,p-Xylene	0.222	0.00400	"	0.200	ND	111	70-130	9.07	20	
Surrogate: 1,2-Dichloroethane-d4	0.096		"	0.125		77.0	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		92.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		114	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-Warner 23-6

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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Classical Chemistry Parameters - 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 B2G1804 - Default Prep Metals

Blank (B2G1804-BLK1)

Prepared: 07/18/2022 Analyzed: 07/19/2022

Boron	ND	0.100	mg/L							U
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Duplicate (B2G1804-DUP1)

Source: Y207178-09

Prepared: 07/18/2022 Analyzed: 07/19/2022

Boron	2.74	0.101	mg/L		2.67			2.41	50	
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Eagle Environmental Consulting, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG-Warner 23-6

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B2G1808 - NO PREP										
Blank (B2G1808-BLK1)					Prepared: 07/18/2022 Analyzed: 07/19/2022					
pH	0.00		pH Units							U
Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
Duplicate (B2G1808-DUP1)					Source: Y207321-01 Prepared: 07/18/2022 Analyzed: 07/19/2022					
Specific Conductance (EC)	0.237	0.00500	mmhos/cm		0.276			15.3	25	
pH	7.90		pH Units		7.97			0.882	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-Warner 23-6

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