



August 17, 2023

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - REI H 9-32D, REI H 9-33D, UPRC 9-12JS Project Number - [none]

Attached are your analytical results for KMG - REI H 9-32D, REI H 9-33D, UPRC 9-12JS received by Origins Laboratory, Inc. August 10, 2023. This project is associated with Origins project number Y308266-01.

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



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

Dan Coloccia
Project Number: [none]
Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B06@7'	Y308266-01	Soil	August 10, 2023 12:32	08/10/2023 16:13
FL-N01@4'	Y308266-02	Soil	August 10, 2023 12:34	08/10/2023 16:13
FL-S01@4'	Y308266-03	Soil	August 10, 2023 12:36	08/10/2023 16:13
FL-E01@4'	Y308266-04	Soil	August 10, 2023 12:38	08/10/2023 16:13
FL-W01@4'	Y308266-05	Soil	August 10, 2023 12:40	08/10/2023 16:13
FL-B07@7'	Y308266-06	Soil	August 10, 2023 12:44	08/10/2023 16:13
FL-N02@4'	Y308266-07	Soil	August 10, 2023 12:46	08/10/2023 16:13
FL-S02@4'	Y308266-08	Soil	August 10, 2023 12:48	08/10/2023 16:13
FL-E02@4'	Y308266-09	Soil	August 10, 2023 12:50	08/10/2023 16:13
FL-W02@4'	Y308266-10	Soil	August 10, 2023 12:52	08/10/2023 16:13
FL-BG01@5'	Y308266-11	Soil	August 10, 2023 12:54	08/10/2023 16:13
FL-BG01@7'	Y308266-12	Soil	August 10, 2023 12:56	08/10/2023 16:13
FL-BG02@5'	Y308266-13	Soil	August 10, 2023 12:58	08/10/2023 16:13
FL-BG02@7'	Y308266-14	Soil	August 10, 2023 13:00	08/10/2023 16:13

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-BG03@5'	Y308266-15	Soil	August 10, 2023 13:02	08/10/2023 16:13
FL-BG03@7'	Y308266-16	Soil	August 10, 2023 13:04	08/10/2023 16:13

Origins Laboratory, Inc.



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Dan Coloccia
Project Number: [none]
Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

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

Sample ID/Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix		Analysis					Sample Instructions										
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Continer #	Other	Naph.	PAHs		Asenic	Cadmium	PH	Seelenium	Nickel					
FL-B001E1	8/10/23	1232																						
FL-S01E41		1234																						
FL-S01E41		1236																						
FL-E01E41		1238																						
FL-W01E41		1240																						
FL-001E1		1244																						
FL-N02E41		1246																						
FL-S02E41		1248																						
FL-E02E41		1250																						
FL-W02E41		1252																						

Relinquished by: *Chris Rodin*
Date: 8/10/23
Time: 11:05
Received by: *MM*
Date: 8/10/23
Time: 11:05
Standard: 48 Hr Same Day 24 Hr 72 Hr

Temp Received: 3
Date Results Needed

Telephone Number: 303.433.0119
Address: 8000 W 44th Ave
Wheat Ridge, CO 80033
Project Manager: D Coloccia
Project Name: REI H 9-32D, REI H 9-33D, UPRC 9-12JS
Email Address: desiree@eagle-source.com
Samples Collected By: CS

ORIGINS LABORATORY, INC

4308266
Impacted

www.originslaboratory.com

Origins Laboratory, Inc.
Bynon

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ORIGINS LABORATORY, INC

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

Dan Coloccia
Project Number: [none]
Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

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

ORIGINS LABORATORY, INC

Client: Eagle Environmental (env)
Address: 8000 W 44th Ave
Wheat Ridge CO 80033
Telephone Number: 303-433-0419
Email Address: dcoloccia@eagle-env.com

Project Manager: D. Coloccia
Project Name: REI H 9-32D, REI H 9-33D, UPRC 9-12JS
Project Number: —
Samples Collected By: CS

Impacted 4308266 page 2 of 2

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Temp Received: 3
Date Results Needed

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	pH	Arsenic	Barium	Cadmium		Chromium	Copper
FL-0601071	8/10/23	1250	2	X				X			X	X	X	X	X	X	X	
FL-06020251		1258																
FL-06020271		1300																
FL-06030251		1302																
FL-06030271		1304																

Relinquished By: Chris Beck
Date: 8/10/23
Time: 1105

Received By: [Signature]
Date: 8/10/23
Time: 1105

Turnaround Time:
Some Day 48 Hr
24 Hr
72 Hr
10

Origins Laboratory, Inc.
[Signature]

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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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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

Sample Receipt Checklist

Origins Work Order: 4308266 Client: Eagle
 Client Project ID: REI H 932D, REI 933D,
 Checklist Completed by: FMS Shipped Via: US UPRC 9-12JS
 Date/time completed: 8/10/23 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1, 3 °C / _____ °C / _____ °C / _____ °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"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>			
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTS due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) present and filled out completely?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" type="checkbox"/>			
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) <i>(preservation is not confirmed for subcontracted analyses in order to insure sample integrity)</i> (pH > 10 for samples preserved with HNO3, HCL, H2SO4) / (pH > 10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>			
Additional Comments (if any):				

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

[Signature] 8/10/23
 Reviewed by (Project Manager) Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-B06@7'

8/10/2023 12:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y308266-01 (Soil)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	"
Acenaphthene	0.00115	0.000304	0.00067	"	"	"	"	"	"
Anthracene	0.00464	0.000334	0.00067	"	"	"	"	"	"
Benzo(a)anthracene	0.0111	0.000493	0.00067	"	"	"	"	"	"
Benzo(a)pyrene	0.0101	0.000468	0.00067	"	"	"	"	"	"
Benzo(b)fluoranthene	0.0089	0.000585	0.00067	"	"	"	"	"	"
Benzo(k)fluoranthene	0.00364	0.000437	0.00067	"	"	"	"	"	"
Chrysene	0.0132	0.000624	0.00067	"	"	"	"	"	"
Dibenz(a,h)anthracene	0.00203	0.000614	0.00067	"	"	"	"	"	"
Fluoranthene	0.0287	0.000394	0.00067	"	"	"	"	"	"
Fluorene	0.00154	0.000286	0.00067	"	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	0.00462	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	"
Pyrene	0.0226	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	61.4 %		33-115	"	"	"	"	"	"
Surrogate: 4-Terphenyl-d14	61.7 %		33-122	"	"	"	"	"	"
Surrogate: Nitrobenzene-d5	51.1 %		29-110	"	"	"	"	"	"

pH in Soil by 9045D

Origins Laboratory, Inc.


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Project Number: [none]
Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

FL-B06@7'

8/10/2023 12:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-01 (Soil)

pH in Soil by 9045D

pH	8.23			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	3.78	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	186	0.042	0.25	"	"	"	"	"	
Cadmium	0.131	0.026	0.25	"	"	"	"	"	J
Selenium	0.396	0.103	0.25	"	"	"	"	"	

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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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-N01@4'

8/10/2023 12:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-02 (Soil)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	57.1 %		33-115						
Surrogate: 4-Terphenyl-d14	61.4 %		33-122						
Surrogate: Nitrobenzene-d5	49.8 %		29-110						

Origins Laboratory, Inc.



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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-N01@4'

8/10/2023 12:34:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y308266-02 (Soil)

pH in Soil by 9045D

pH	8.15			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	1.91	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	76.1	0.042	0.25	"	"	"	"	"	
Cadmium	0.105	0.026	0.25	"	"	"	"	"	J
Selenium	0.487	0.103	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-S01@4'

8/10/2023 12:36:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-03 (Soil)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	56.3 %		33-115		"	"	"	"	
Surrogate: 4-Terphenyl-d14	57.5 %		33-122		"	"	"	"	
Surrogate: Nitrobenzene-d5	47.1 %		29-110		"	"	"	"	

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 Project Number: [none]
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 9-12JS

FL-S01@4'
8/10/2023 12:36:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-03 (Soil)

pH in Soil by 9045D

pH	8.15			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	2.27	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	80.7	0.042	0.25	"	"	"	"	"	
Cadmium	0.0871	0.026	0.25	"	"	"	"	"	J
Selenium	0.507	0.103	0.25	"	"	"	"	"	

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 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-E01@4'
 8/10/2023 12:38:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y308266-04 (Soil)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	"
Fluoranthene	0.000464	0.000394	0.00067	"	"	"	"	"	J
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	57.7 %		33-115	"	"	"	"	"	"
Surrogate: 4-Terphenyl-d14	61.6 %		33-122	"	"	"	"	"	"
Surrogate: Nitrobenzene-d5	48.6 %		29-110	"	"	"	"	"	"

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 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-E01@4'
 8/10/2023 12:38:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y308266-04 (Soil)

pH in Soil by 9045D

pH	8.13			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	4.46	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	114	0.042	0.25	"	"	"	"	"	
Cadmium	0.132	0.026	0.25	"	"	"	"	"	J
Selenium	0.622	0.103	0.25	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-W01@4'

8/10/2023 12:40:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-05 (Soil)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	54.7 %		33-115						
Surrogate: 4-Terphenyl-d14	55.6 %		33-122						
Surrogate: Nitrobenzene-d5	45.3 %		29-110						

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-W01@4'

8/10/2023 12:40:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-05 (Soil)

pH in Soil by 9045D

pH	7.84			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	1.14	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	92.7	0.042	0.25	"	"	"	"	"	
Cadmium	0.0639	0.026	0.25	"	"	"	"	"	J
Selenium	0.588	0.103	0.25	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-B07@7'

8/10/2023 12:44:00PM

Origins Laboratory, Inc.
Y308266-06 (Soil)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3H1020	08/10/2023	08/10/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 102% 50-150 " " " "

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B3H1024	08/10/2023	08/11/2023	U
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Surrogate: 1,2-Dichloroethane-d4 101% 70-130 " " " "
 Surrogate: Toluene-d8 98.5% 70-130 " " " "
 Surrogate: 4-Bromofluorobenzene 94.4% 70-130 " " " "

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	0.000503	0.000468	0.00067	"	"	"	"	"	J

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-B07@7'

8/10/2023 12:44:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-06 (Soil)

PAH by 8270D SIM

Benzo(b)fluoranthene	ND	0.000585	0.00067	mg/Kg	1	L698579	08/15/2023	08/15/2023	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	0.00142	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	0.00106	0.000643	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	61.3 %		33-115	"	"	"	"	"	
Surrogate: 4-Terphenyl-d14	64 %		33-122	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	50.8 %		29-110	"	"	"	"	"	

Total Metals by 6020B

Arsenic	3.28	0.0855	0.25	mg/Kg	5	L698721	"	08/16/2023	
Barium	175	0.042	0.25	"	"	"	"	"	
Cadmium	0.118	0.026	0.25	"	"	"	"	"	J
Nickel	12.5	0.0635	0.25	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-N02@4'

8/10/2023 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-07 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3H1020	08/10/2023	08/10/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 90.0% 50-150 " " " "

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B3H1024	08/10/2023	08/11/2023	U
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Surrogate: 1,2-Dichloroethane-d4 98.2% 70-130 " " " "
 Surrogate: Toluene-d8 103% 70-130 " " " "
 Surrogate: 4-Bromofluorobenzene 100% 70-130 " " " "

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-N02@4'

8/10/2023 12:46:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-07 (Soil)

PAH by 8270D SIM

Benzo(b)fluoranthene	ND	0.000585	0.00067	mg/Kg	1	L698579	08/15/2023	08/15/2023	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	"
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	"
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"
Surrogate: 2-Fluorobiphenyl	61.4 %		33-115	"	"	"	"	"	"
Surrogate: 4-Terphenyl-d14	60.5 %		33-122	"	"	"	"	"	"
Surrogate: Nitrobenzene-d5	50.9 %		29-110	"	"	"	"	"	"

Total Metals by 6020B

Arsenic	2.35	0.0855	0.25	mg/Kg	5	L698721	"	08/16/2023	
Barium	113	0.042	0.25	"	"	"	"	"	
Cadmium	0.124	0.026	0.25	"	"	"	"	"	J
Nickel	9.44	0.0635	0.25	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-S02@4'

8/10/2023 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-08 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3H1020	08/10/2023	08/11/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 143% 50-150 " " " "

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B3H1024	08/10/2023	08/11/2023	U
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Surrogate: 1,2-Dichloroethane-d4 101% 70-130 " " " "
 Surrogate: Toluene-d8 99.1% 70-130 " " " "
 Surrogate: 4-Bromofluorobenzene 95.6% 70-130 " " " "

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-S02@4'

8/10/2023 12:48:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-08 (Soil)

PAH by 8270D SIM

Benzo(b)fluoranthene	ND	0.000585	0.00067	mg/Kg	1	L698579	08/15/2023	08/15/2023	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	49.5 %		33-115	"	"	"	"	"	
Surrogate: 4-Terphenyl-d14	52 %		33-122	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	41.4 %		29-110	"	"	"	"	"	

Total Metals by 6020B

Arsenic	4.02	0.0855	0.25	mg/Kg	5	L698721	"	08/16/2023	
Barium	115	0.042	0.25	"	"	"	"	"	
Cadmium	0.12	0.026	0.25	"	"	"	"	"	J
Nickel	9.76	0.0635	0.25	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-E02@4'

8/10/2023 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-09 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3H1020	08/10/2023	08/11/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 64.8% 50-150 " " " "

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B3H1024	08/10/2023	08/11/2023	U
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Surrogate: 1,2-Dichloroethane-d4 81.9% 70-130 " " " "
 Surrogate: Toluene-d8 95.5% 70-130 " " " "
 Surrogate: 4-Bromofluorobenzene 95.3% 70-130 " " " "

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-E02@4'

8/10/2023 12:50:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y308266-09 (Soil)

PAH by 8270D SIM

Benzo(b)fluoranthene	ND	0.000585	0.00067	mg/Kg	1	L698579	08/15/2023	08/15/2023	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	56.5 %		33-115	"	"	"	"	"	
Surrogate: 4-Terphenyl-d14	61 %		33-122	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	47.4 %		29-110	"	"	"	"	"	

Total Metals by 6020B

Arsenic	2.61	0.0855	0.25	mg/Kg	5	L698721	"	08/16/2023	
Barium	128	0.042	0.25	"	"	"	"	"	
Cadmium	0.129	0.026	0.25	"	"	"	"	"	J
Nickel	10.8	0.0635	0.25	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-W02@4'
8/10/2023 12:52:00PM

Origins Laboratory, Inc.
Y308266-10 (Soil)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B3H1020	08/10/2023	08/11/2023	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl 105% 50-150 " " " "

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND		0.200	mg/kg	1	B3H1024	08/10/2023	08/11/2023	U
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Surrogate: 1,2-Dichloroethane-d4 83.0% 70-130 " " " "
 Surrogate: Toluene-d8 94.4% 70-130 " " " "
 Surrogate: 4-Bromofluorobenzene 95.8% 70-130 " " " "

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.00109	0.00201	mg/Kg	1	L698579	08/15/2023	08/15/2023	
2-Methylnaphthalene	ND	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"	
Anthracene	ND	0.000334	0.00067	"	"	"	"	"	
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"	
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-W02@4'
8/10/2023 12:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y308266-10 (Soil)

PAH by 8270D SIM

Benzo(b)fluoranthene	ND	0.000585	0.00067	mg/Kg	1	L698579	08/15/2023	08/15/2023	
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	
Chrysene	ND	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	
Fluorene	ND	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	
Naphthalene	ND	0.00145	0.00201	"	"	"	"	"	
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	64.6 %		33-115	"	"	"	"	"	
Surrogate: 4-Terphenyl-d14	65.8 %		33-122	"	"	"	"	"	
Surrogate: Nitrobenzene-d5	53.8 %		29-110	"	"	"	"	"	

Total Metals by 6020B

Arsenic	2.31	0.0855	0.25	mg/Kg	5	L698721	"	08/16/2023	
Barium	81.3	0.042	0.25	"	"	"	"	"	
Cadmium	0.0835	0.026	0.25	"	"	"	"	"	J
Nickel	6.74	0.0635	0.25	"	"	"	"	"	

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-BG01@5'

8/10/2023 12:54:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y308266-11 (Soil)

pH in Soil by 9045D

pH	8.20			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	2.7	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	113	0.042	0.25	"	"	"	"	"	"
Cadmium	0.167	0.026	0.25	"	"	"	"	"	"
Copper	6.89	0.0805	0.25	"	"	"	"	"	"
Lead	5610	31	250	"	"	"	"	"	"
Nickel	9.83	0.0635	0.25	"	"	"	"	"	"
Selenium	0.411	0.103	0.25	"	"	"	"	"	"

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-BG01@7'

8/10/2023 12:56:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
 Y308266-12 (Soil)

pH in Soil by 9045D

pH	8.33			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	2.49	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	114	0.042	0.25	"	"	"	"	"	"
Cadmium	0.144	0.026	0.25	"	"	"	"	"	"
Copper	8.05	0.0805	0.25	"	"	"	"	"	"
Lead	6.29	0.031	0.25	"	"	"	"	"	"
Nickel	9.83	0.0635	0.25	"	"	"	"	"	"
Selenium	0.435	0.103	0.25	"	"	"	"	"	"

Origins Laboratory, Inc.



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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-BG02@5'

8/10/2023 12:58:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-13 (Soil)

pH in Soil by 9045D

pH	8.21			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	2.98	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	110	0.042	0.25	"	"	"	"	"	"
Cadmium	0.134	0.026	0.25	"	"	"	"	"	"
Copper	8.2	0.0805	0.25	"	"	"	"	"	"
Lead	6.46	0.031	0.25	"	"	"	"	"	"
Nickel	10.3	0.0635	0.25	"	"	"	"	"	"
Selenium	0.464	0.103	0.25	"	"	"	"	"	"

Origins Laboratory, Inc.


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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-BG02@7'

8/10/2023 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-14 (Soil)

pH in Soil by 9045D

pH	8.12			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	3.91	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	104	0.042	0.25	"	"	"	"	"	"
Cadmium	0.172	0.026	0.25	"	"	"	"	"	"
Copper	11.2	0.0805	0.25	"	"	"	"	"	"
Lead	9.01	0.031	0.25	"	"	"	"	"	"
Nickel	12.1	0.0635	0.25	"	"	"	"	"	"
Selenium	0.687	0.103	0.25	"	"	"	"	"	"

Origins Laboratory, Inc.



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 8000 W 44th Ave
 Wheat Ridge CO 80033

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-BG03@5'

8/10/2023 1:02:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-15 (Soil)

pH in Soil by 9045D

pH	8.09			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	2.55	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	87.6	0.042	0.25	"	"	"	"	"	"
Cadmium	0.106	0.026	0.25	"	"	"	"	"	"
Copper	6.3	0.0805	0.25	"	"	"	"	"	"
Lead	5.38	0.031	0.25	"	"	"	"	"	"
Nickel	8.18	0.0635	0.25	"	"	"	"	"	"
Selenium	0.405	0.103	0.25	"	"	"	"	"	"

Origins Laboratory, Inc.



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ORIGINS

LABORATORY, INC

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

FL-BG03@7'

8/10/2023 1:04:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y308266-16 (Soil)

pH in Soil by 9045D

pH	8.23			pH Units	1	B3H1208	08/12/2023	08/13/2023	
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Total Metals by 6020B

Arsenic	3.47	0.0855	0.25	mg/Kg	5	L698721	08/15/2023	08/16/2023	
Barium	101	0.042	0.25	"	"	"	"	"	"
Cadmium	0.139	0.026	0.25	"	"	"	"	"	"
Copper	11	0.0805	0.25	"	"	"	"	"	"
Lead	8.2	0.031	0.25	"	"	"	"	"	"
Nickel	13.8	0.0635	0.25	"	"	"	"	"	"
Selenium	0.657	0.103	0.25	"	"	"	"	"	"

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1020 - EPA 3550B

Blank (B3H1020-BLK1)

Prepared: 08/10/2023 Analyzed: 08/10/2023

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	25		"	24.9		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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1020 - EPA 3550B

LCS (B3H1020-BS1)

Prepared: 08/10/2023 Analyzed: 08/10/2023

Diesel (C10-C28)	969	50.0	mg/kg	1000		96.9	70-130			
Residual Range Organics (C28-C40)	1030	200	"	1000		103	70-130			
Surrogate: o-Terphenyl	63		"	49.8		126	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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1020 - EPA 3550B

Matrix Spike (B3H1020-MS1)

Source: Y308256-01

Prepared: 08/10/2023 Analyzed: 08/10/2023

Diesel (C10-C28)	983	50.0	mg/kg	1000	ND	98.3	70-130			
Residual Range Organics (C28-C40)	1050	200	"	1000	ND	105	70-130			
Surrogate: o-Terphenyl	58		"	49.8		116	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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1020 - EPA 3550B

Matrix Spike Dup (B3H1020-MSD1)

Source: Y308256-01

Prepared: 08/10/2023 Analyzed: 08/10/2023

Diesel (C10-C28)	866	50.0	mg/kg	1000	ND	86.6	70-130	12.7	35	
Residual Range Organics (C28-C40)	922	200	"	1000	ND	92.2	70-130	12.6	35	
Surrogate: o-Terphenyl	43		"	49.8		85.5	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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1024 - EPA 5030 (soil)

Blank (B3H1024-BLK1)

Prepared: 08/10/2023 Analyzed: 08/10/2023

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		97.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.2	70-130			

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1024 - EPA 5030 (soil)

LCS (B3H1024-BS1)

Prepared: 08/10/2023 Analyzed: 08/10/2023

1,2,4-Trimethylbenzene	0.101	0.00200	mg/kg	0.100		101	70-130			
1,3,5-Trimethylbenzene	0.103	0.00200	"	0.100		103	70-130			
Benzene	0.0908	0.00200	"	0.100		90.8	70-130			
Ethylbenzene	0.106	0.00200	"	0.100		106	70-130			
Naphthalene	0.0972	0.00380	"	0.100		97.2	70-130			
Toluene	0.0929	0.00200	"	0.100		92.9	70-130			
o-Xylene	0.113	0.00200	"	0.100		113	70-130			
m,p-Xylene	0.223	0.00400	"	0.200		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.5	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	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.

Jordan A. Bynon, Project Manager

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1024 - EPA 5030 (soil)

Matrix Spike (B3H1024-MS1)

Source: Y308256-01

Prepared: 08/10/2023 Analyzed: 08/10/2023

1,2,4-Trimethylbenzene	0.0927	0.00200	mg/kg	0.100	ND	92.7	70-130			
1,3,5-Trimethylbenzene	0.0949	0.00200	"	0.100	ND	94.9	70-130			
Benzene	0.0664	0.00200	"	0.100	ND	66.4	70-130			QM-07
Ethylbenzene	0.0970	0.00200	"	0.100	ND	97.0	70-130			
Naphthalene	0.0930	0.00380	"	0.100	0.00202	91.0	70-130			
Toluene	0.0794	0.00200	"	0.100	ND	79.4	70-130			
o-Xylene	0.104	0.00200	"	0.100	ND	104	70-130			
m,p-Xylene	0.203	0.00400	"	0.200	ND	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.0	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		108	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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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 B3H1024 - EPA 5030 (soil)

Matrix Spike Dup (B3H1024-MSD1)

Source: Y308256-01

Prepared: 08/10/2023 Analyzed: 08/10/2023

1,2,4-Trimethylbenzene	0.0944	0.00200	mg/kg	0.100	ND	94.4	70-130	1.84	20	
1,3,5-Trimethylbenzene	0.0931	0.00200	"	0.100	ND	93.1	70-130	1.91	20	
Benzene	0.0676	0.00200	"	0.100	ND	67.6	70-130	1.79	20	QM-07
Ethylbenzene	0.0944	0.00200	"	0.100	ND	94.4	70-130	2.70	20	
Naphthalene	0.0978	0.00380	"	0.100	0.00202	95.8	70-130	5.01	20	
Toluene	0.0791	0.00200	"	0.100	ND	79.1	70-130	0.429	20	
o-Xylene	0.104	0.00200	"	0.100	ND	104	70-130	0.519	20	
m,p-Xylene	0.197	0.00400	"	0.200	ND	98.6	70-130	2.87	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		105	70-130			

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 - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

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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Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3H1208 - Saturated Paste pH/EC

Duplicate (B3H1208-DUP1)

Source: Y308266-01

Prepared: 08/12/2023 Analyzed: 08/13/2023

pH	8.21	pH Units	8.23	0.243	25
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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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L698579 - 3550B

MSD (L 93864-MSD-L698579)

Source: Y308266-04

Prepared: 08/15/2023 Analyzed: 08/15/2023

Dibenz(a,h)anthracene	0.133	0.00067	mg/Kg	0.167	<0.000614	79.6	30-130	0	30	
Fluoranthene	0.106	0.00067	"	0.167	0.000464	63.1	30-130	1.9	30	
Fluorene	0.11	0.00067	"	0.167	<0.000286	65.8	30-130	2.7	30	
Indeno(1,2,3-cd)pyrene	0.109	0.00067	"	0.167	<0.000627	65.2	30-130	1.8	30	
Pyrene	0.103	0.00067	"	0.167	<0.000643	61.6	30-130	0.9	30	
Chrysene	0.109	0.00067	"	0.167	<0.000624	65.2	30-130	3.7	30	
Naphthalene	0.0948	0.00201	"	0.167	<0.00145	56.7	30-130	4.3	30	
Benzo(k)fluoranthene	0.1	0.00067	"	0.167	<0.000437	59.8	30-130	1.3	30	
Benzo(b)fluoranthene	0.0955	0.00067	"	0.167	<0.000585	57.1	30-130	5.3	30	
Benzo(a)pyrene	0.118	0.00067	"	0.167	<0.000468	70.6	30-130	3.4	30	
Benzo(a)anthracene	0.109	0.00067	"	0.167	<0.000493	65.2	30-130	2.7	30	
Anthracene	0.113	0.00067	"	0.167	<0.000334	67.6	30-130	2.6	30	
Acenaphthene	0.0983	0.00067	"	0.167	<0.000304	58.8	30-130	1.8	30	
2-Methylnaphthalene	0.1	0.00201	"	0.167	<0.00194	59.8	30-130	2.7	30	
1-Methylnaphthalene	0.0981	0.00201	"	0.167	<0.00109	58.7	30-130	2.8	30	
Surrogate: Nitrobenzene-d5	50.1		"	0.333	161	50.1	29-110			
Surrogate: 2-Fluorobiphenyl	58.5		"	0.333	191	58.5	33-115			
Surrogate: 4-Terphenyl-d14	61.8		"	0.333	204	61.8	33-122			

MS (L 93864-MS-L698579)

Source: Y308266-04

Prepared: 08/15/2023 Analyzed: 08/15/2023

Acenaphthene	0.0965	0.00067	mg/Kg	0.164	<0.000304	58.8	30-130			
1-Methylnaphthalene	0.0953	0.00201	"	0.164	<0.00109	58.1	30-130			
Fluoranthene	0.104	0.00067	"	0.164	0.000464	63.1	30-130			
Naphthalene	0.0908	0.00201	"	0.164	<0.00145	55.3	30-130			
2-Methylnaphthalene	0.0973	0.00201	"	0.164	<0.00194	59.3	30-130			
Fluorene	0.107	0.00067	"	0.164	<0.000286	65.2	30-130			
Pyrene	0.102	0.00067	"	0.164	<0.000643	62.1	30-130			

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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L698579 - 3550B

MS (L 93864-MS-L698579)

Source: Y308266-04

Prepared: 08/15/2023 Analyzed: 08/15/2023

Dibenz(a,h)anthracene	0.133	0.00067	mg/Kg	0.164	<0.000614	81	30-130			
Chrysene	0.105	0.00067	"	0.164	<0.000624	64	30-130			
Benzo(k)fluoranthene	0.0987	0.00067	"	0.164	<0.000437	60.1	30-130			
Benzo(b)fluoranthene	0.0905	0.00067	"	0.164	<0.000585	55.1	30-130			
Benzo(a)pyrene	0.114	0.00067	"	0.164	<0.000468	69.5	30-130			
Benzo(a)anthracene	0.106	0.00067	"	0.164	<0.000493	64.6	30-130			
Anthracene	0.11	0.00067	"	0.164	<0.000334	67	30-130			
Indeno(1,2,3-cd)pyrene	0.107	0.00067	"	0.164	<0.000627	65.2	30-130			
Surrogate: 2-Fluorobiphenyl	54.4		"	0.329	191	54.4	33-115			
Surrogate: 4-Terphenyl-d14	60.7		"	0.329	204	60.7	33-122			
Surrogate: Nitrobenzene-d5	46.2		"	0.329	167	46.2	29-110			

LCS (LCS-L698579)

Prepared: 08/15/2023 Analyzed: 08/15/2023

Acenaphthene	0.0801	0.00067	mg/Kg	0.167		47.9	30-130			
Anthracene	0.0885	0.00067	"	0.167		52.9	30-130			
Benzo(a)anthracene	0.0831	0.00067	"	0.167		49.7	30-130			
Benzo(a)pyrene	0.093	0.00067	"	0.167		55.6	30-130			
Benzo(b)fluoranthene	0.0712	0.00067	"	0.167		42.6	30-130			
Chrysene	0.088	0.00067	"	0.167		52.6	30-130			
Fluoranthene	0.0829	0.00067	"	0.167		49.6	30-130			
Fluorene	0.0875	0.00067	"	0.167		52.3	30-130			
Indeno(1,2,3-cd)pyrene	0.0826	0.00067	"	0.167		49.4	30-130			
2-Methylnaphthalene	0.0797	0.00201	"	0.167		47.7	30-130			
Benzo(k)fluoranthene	0.0899	0.00067	"	0.167		53.8	30-130			
Pyrene	0.0819	0.00067	"	0.167		49	30-130			
Naphthalene	0.075	0.00201	"	0.167		44.9	30-130			
1-Methylnaphthalene	0.079	0.00201	"	0.167		47.3	30-130			

Origins Laboratory, Inc.



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Dan Coloccia
 Project Number: [none]
 Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L698579 - 3550B

LCS (LCS-L698579)

Prepared: 08/15/2023 Analyzed: 08/15/2023

Dibenz(a,h)anthracene	0.105	0.00067	mg/Kg	0.167		62.8	30-130			
Surrogate: 4-Terphenyl-d14	50.7		"	0.333		50.7	33-122			
Surrogate: Nitrobenzene-d5	40.8		"	0.333		40.8	29-110			
Surrogate: 2-Fluorobiphenyl	49.5		"	0.333		49.5	33-115			

LRB (LRB-L698579)

Prepared: 08/15/2023 Analyzed: 08/15/2023

Chrysene	ND	0.00067	mg/Kg							
2-Methylnaphthalene	ND	0.00201	"							
Acenaphthene	ND	0.00067	"							
Anthracene	ND	0.00067	"							
Benzo(a)anthracene	ND	0.00067	"							
Benzo(a)pyrene	ND	0.00067	"							
Benzo(k)fluoranthene	ND	0.00067	"							
1-Methylnaphthalene	ND	0.00201	"							
Dibenz(a,h)anthracene	ND	0.00067	"							
Fluoranthene	ND	0.00067	"							
Fluorene	ND	0.00067	"							
Indeno(1,2,3-cd)pyrene	ND	0.00067	"							
Naphthalene	ND	0.00201	"							
Pyrene	ND	0.00067	"							
Benzo(b)fluoranthene	ND	0.00067	"							
Surrogate: 2-Fluorobiphenyl	48.6		"	0.333		48.6	33-115			
Surrogate: 4-Terphenyl-d14	49.5		"	0.333		49.5	33-122			
Surrogate: Nitrobenzene-d5	40.8		"	0.333		40.8	29-110			

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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 - REI H 9-32D, REI H 9-33D, UPRC
 9-12JS

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L698721 - 3050B

MSD (L 93939-MSD-L698721)

Source: 93939

Prepared: 08/15/2023 Analyzed: 08/16/2023

Selenium	4.42	0.25	mg/Kg	4.71	0.681	79	75-125	4.6	80	
Arsenic	4.24	0.25	"	2.35	3.39	36	75-125	4.6	80	*
Barium	108	0.25	"	4.71	153	0	75-125	0.9	80	†*
Cadmium	0.51	0.25	"	0.471	0.171	72	75-125	1.3	80	*
Copper	7.28	0.25	"	2.35	7.83	0	75-125	4.8	80	†*
Lead	7.25	0.25	"	2.35	7.37	0	75-125	0.5	80	†*
Nickel	9.01	0.25	"	2.35	10.6	0	75-125	7.3	80	†*

MS (L 93939-MS-L698721)

Source: 93939

Prepared: 08/15/2023 Analyzed: 08/16/2023

Selenium	4.63	0.25	mg/Kg	4.82	0.681	82	75-125			
Nickel	9.7	0.25	"	2.41	10.6	0	75-125			†*
Lead	7.21	0.25	"	2.41	7.37	0	75-125			†*
Copper	7.64	0.25	"	2.41	7.83	0	75-125			†*
Cadmium	0.517	0.25	"	0.482	0.171	72	75-125			*
Arsenic	4.44	0.25	"	2.41	3.39	44	75-125			*
Barium	107	0.25	"	4.82	153	0	75-125			†*

LCS (LCS-L698721)

Prepared: 08/15/2023 Analyzed: 08/16/2023

Lead	2.4	0.25	mg/Kg	2.5		96	80-120			
Selenium	4.64	0.25	"	5		93	80-120			
Arsenic	2.39	0.25	"	2.5		96	80-120			
Barium	4.41	0.25	"	5		88	80-120			
Cadmium	0.494	0.25	"	0.5		99	80-120			
Copper	2.56	0.25	"	2.5		102	80-120			
Nickel	2.49	0.25	"	2.5		100	80-120			

LRB (LRB-L698721)

Prepared: 08/15/2023 Analyzed: 08/16/2023

Origins Laboratory, Inc.



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Dan Coloccia
Project Number: [none]
Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch L698721 - 3050B

LRB (LRB-L698721)

Prepared: 08/15/2023 Analyzed: 08/16/2023

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

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Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, LLC
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Wheat Ridge CO 80033

Dan Coloccia
Project Number: [none]
Project: KMG - REI H 9-32D, REI H 9-33D, UPRC
9-12JS

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.
 - J Estimated Value. Analyte below reported quantitation limit.
 - [* [Undefined]
 - * QC Failure
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.
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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