



August 16, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Miller 11-31

Project Number - [none]

Attached are your analytical results for KMG - Miller 11-31 received by Origins Laboratory, Inc. July 30, 2024. This project is associated with Origins project number Y407816-01.

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 - Miller 11-31

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01-01@6'	Y407816-01	Soil	July 30, 2024 15:12	07/30/2024 16:50
FL-B01-01@4'	Y407816-02	Soil	July 30, 2024 15:16	07/30/2024 16:50

Origins Laboratory, Inc.



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# ORIGINS

LABORATORY, INC

ORIGINS WORK ORDER #

**440781V**

Page 1 of 1

Client: Eagle Environmental (CA)

Project Manager: D Coloccia

Key:

Address: 5000 W 44th Ave

Project Name: Miller 11-31

W=Water

Telephone Number: 303-433-0474

Project Number: -

GW=Groundwater

Email Address: dcoloccia@eagle-enviro.com

Collected By: CB

SW=Surface Water

Invoice Billing Info: Miller

Invoice Billing Info: Miller

WW=Waste Water

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas | UNP=Unpres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

L=Liquid

#	Sample ID	Date		# of Containers	Matrix	Preservative	Analysis			Comments
		Sampled	Time Sampled				Received By:	Date:	Time:	
1	WH-B01-01 @ 6'	7/30/24	3:12	3	S	UNP	CB	7/30/24	1:50	* Run for pH, hold for all other analysis
2	FL-B01-01 @ 4'	1	3:16	1	L	L	CB	7/30/24	1:50	
3										
4										
5										
6										
7										
8										
9										
10										

Relinquished By: Mr. BLC Date: 7/30/24 Time: 1:50


Received By: CB Date: 7/30/24 Time: 1:50

Temp Received - 10 Received On Ice?  Yes  No

Turnaround Time:  SAME DAY  24 Hr  48 Hr  72 Hr  Standard

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | origins@db.com

For Lab Sample Receiving Only:

Origins Laboratory, Inc.  


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Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: 1407816

Client: Eagle

Client Project ID: Miller 11-31

Checklist Completed by: ETH

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

Date/time completed: 7/30/12

Airbill #: N/A

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

Cooler Number/Temperature: 1 1.6 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C


Thermometer ID: 7005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>	<input checked="" type="checkbox"/>			
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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 <sub>3</sub> , HCl, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager) ETH

Date/Time Reviewed 7/30/12

Origins Laboratory, Inc.  


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**WH-B01-01@6'**  
**7/30/2024 3:12:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y407816-01 (Soil)**

**pH in Soil by 9045D**

pH	11.9		pH Units	1	B4H0617	EAL	08/06/2024	08/07/2024	
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Origins Laboratory, Inc.



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**FL-B01-01@4'**  
**7/30/2024 3:16:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y407816-02 (Soil)**

**pH in Soil by 9045D**

pH	8.75		pH Units	1	B4H0617	EAL	08/06/2024	08/07/2024	
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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 B4H0617 - Saturated Paste pH/EC**

**Duplicate (B4H0617-DUP1)**

**Source: Y407767-01**

Prepared: 08/06/2024 Analyzed: 08/07/2024

pH	8.07		pH Units		7.87			2.51	25	
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### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jordan A. Bynon, Project Manager