



Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Dehaan V27-10,15 Facility Project Number - [none]

Attached are your analytical results for KMG - Dehaan V27-10,15 Facility received by Origins Laboratory September 04, 2024. This project is associated with Origins project number E409060-01.

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
303.433.1322
projectmanager@originslab.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 - Dehaan V27-10,15 Facility

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST-B03-01@3"	E409060-01	Soil	September 4, 2024 11:08	09/04/2024 15:18
PW-W01-01@4'	E409060-02	Soil	September 4, 2024 11:10	09/04/2024 15:18

Origins Laboratory



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Eagle Environmental Consulting, LLC
8000 W 44th Ave
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Dan Coloccia
Project Number: [none]
Project: KMG - Dehaan V27-10,15 Facility

ORIGINS

ORIGINS WORK ORDER #

6409060

Page 1 of 1

LABORATORY LLC

Client:

Eagle Environmental (CH)

Address:

8000 W. 44th Ave

Project Manager:

D. Coloccia

Key:

W=Water

GW=Groundwater

SW=Surface Water

WW=Waste Water

L=Liquid

Project Name:

Dehaan V27-10,15 Facility

Project Number:

303-499-0474

Telephone Number:

303-499-0474

Email Address:

d.coloccia@eagle-environment.com

Invoice/Billing Info:

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

Collected By: D

Temp Received: 3-2

Received On Ice? ☒ Yes ☐ No

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis				Comments
1	AST-003-01031	9/14/24	1108	3	UP					
2	Pu-WQ-01041	9/14/24	1110	3	UP					
3										
4										
5										
6										
7										
8										
9										
10										

Relinquished By: P. Pellegrini Date: 9/14/24 Time: 1518 Received By: S. H. Date: 9/14/24 Time: 1518

For Lab Sample Receiving Only:

Standard

Temp Received - 3-2 Received On Ice? ☒ Yes ☐ No

Origins Laboratory

Jefe Pellegrini

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Project Number: [none]
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Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: EL09060

Client: Eagle

Client Project ID: Benam V

Checklist Completed by: SHD

Shipped Via: HO

Date/time completed: 9/14/12

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

Airbill #: N/A

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

Cooler Number/Temperature: 1 13.2 °C / °C / °C (Describe)

Thermometer ID: 1005

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 checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

SHD
Reviewed by (Project Manager)

9/14/12
Date/Time Reviewed

Origins Laboratory

Jefe Pellegrini

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8000 W 44th Ave
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Dan Coloccia
Project Number: [none]
Project: KMG - Dehaan V27-10,15 Facility

AST-B03-01@3"

9/4/2024 11:08:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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E409060-01 (Soil)
Origins Laboratory

pH in Soil by 9045D

pH	8.12	pH Units	1	B4I0523	ACC	09/05/2024	09/06/2024
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Origins Laboratory



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Dan Coloccia
Project Number: [none]
Project: KMG - Dehaan V27-10,15 Facility

PW-W01-01@4'

9/4/2024 11:10:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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E409060-02 (Soil)
Origins Laboratory

pH in Soil by 9045D

pH	8.19	pH Units	1	B4I0523	ACC	09/05/2024	09/06/2024
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Saturated Paste - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4I0523 - Saturated Paste pH/EC

Duplicate (B4I0523-DUP1)		Source: E409040-03			Prepared: 09/05/2024 Analyzed: 09/06/2024					
pH	8.22		pH Units		8.22			0.00	25	

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Jen Pellegrini For Jordan A. Bynon, Project Manager

Eagle Environmental Consulting, LLC

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Wheat Ridge CO 80033

Dan Coloccia

Project Number: [none]

Project: KMG - Dehaan V27-10,15 Facility

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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Jen Pellegrini For Jordan A. Bynon, Project Manager