



September 27, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Dinner #6-34

Project Number - 425777561

Attached are your analytical results for Noble - Dinner #6-34 received by Origins Laboratory, Inc. September 18, 2023. This project is associated with Origins project number Y309380-01.

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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-02@0-0.5'	Y309380-01	Soil	September 18, 2023 11:35	09/18/2023 17:57
Background-02@0.5-1'	Y309380-02	Soil	September 18, 2023 11:40	09/18/2023 17:57
Background-02@1-2'	Y309380-03	Soil	September 18, 2023 11:45	09/18/2023 17:57
Background-03@0-0.5'	Y309380-04	Soil	September 18, 2023 11:50	09/18/2023 17:57
Background-03@0.5-1'	Y309380-05	Soil	September 18, 2023 11:55	09/18/2023 17:57
Background-03@1-2'	Y309380-06	Soil	September 18, 2023 12:00	09/18/2023 17:57
Background-04@0-0.5'	Y309380-07	Soil	September 18, 2023 12:05	09/18/2023 17:57
Background-04@0.5-1'	Y309380-08	Soil	September 18, 2023 12:10	09/18/2023 17:57
Background-04@1-2'	Y309380-09	Soil	September 18, 2023 12:15	09/18/2023 17:57
Background-05@0-0.5'	Y309380-10	Soil	September 18, 2023 12:20	09/18/2023 17:57
Background-05@0.5-1'	Y309380-11	Soil	September 18, 2023 12:25	09/18/2023 17:57
Background-05@1-2'	Y309380-12	Soil	September 18, 2023 12:30	09/18/2023 17:57
Background-06@0-0.5'	Y309380-13	Soil	September 18, 2023 12:35	09/18/2023 17:57
Background-06@0.5-1'	Y309380-14	Soil	September 18, 2023 12:40	09/18/2023 17:57

Origins Laboratory, Inc.



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Eagle Environmental Consulting, LLC

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: 425777561

Project: Noble - Dinner #6-34

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-06@1-2'	Y309380-15	Soil	September 18, 2023 12:45	09/18/2023 17:57

Origins Laboratory, Inc.



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Jen Pellegrini For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

www.originslaboratory.com

4309380 page 1 of 2

ORIGINS
LABORATORY, INC

Client: Eagle Environmental Consulting
Address: 8000 W. 44th Ave.
Wheat Ridge, CO 80033
Telephone Number: 303-433-0479
Email Address: mce3@eagle-enviro.com

Project Manager: Martin Eckert III
Project Name: Dinner 6-34
Project Number: —
Samples Collected By: BU

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #		
Background - 02E0-0.5'	9-18-23	1135	2	X				X				pH completed by
Background - 02E0.5-1'		1140										soaked paste
Background - 02E 1-2'		1145										prep.
Background - 03E0-0.5'		1150										
Background - 03E0.5-1'		1155										
Background - 03E 1-2'		1200										
Background - 04E0-0.5'		1205										
Background - 04E0.5-1'		1210										
Background - 04E 1-2'		1215										
Background - 05E0-0.5'		1220										
Relinquished By: Noble Ulrich	Date: 9-18-23	Time: 1757		Received By: [Signature]	Date: 9-18-23	Time: 1757		Received By: [Signature]	Date: 9-18-23	Time: 1757		Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard

Date Results Needed: Noble

Temp Received: 3

Bill to Dan

Origins Laboratory, Inc.

Jefe Pellegrini

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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4309380

Client: Eagle

Client Project ID: Dinner 6-34

Checklist Completed by: EHS

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

Date/time completed: 9/19/23

Airbill #: N/A

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

☐ Water ☐ Other: _____

Cooler Number/Temperature: 113 °C 1 °C 1 °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⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace (> 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 type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Reviewed by (Project Manager)

Date/Time Reviewed 9/19/23

Origins Laboratory, Inc.

Jefe Pellegrini

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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-02@0-0.5'

9/18/2023 11:35:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-01 (Soil)

pH in Soil by 9045D

pH	7.80	pH Units	1	B312301	ACN	09/23/2023	09/24/2023
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-02@0.5-1'

9/18/2023 11:40:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-02 (Soil)

pH in Soil by 9045D

pH	7.60	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-02@1-2'
9/18/2023 11:45:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309380-03 (Soil)

pH in Soil by 9045D

pH	7.67	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Origins Laboratory, Inc.



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

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-03@0-0.5'

9/18/2023 11:50:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-04 (Soil)

pH in Soil by 9045D

pH	7.78	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-03@0.5-1'

9/18/2023 11:55:00AM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-05 (Soil)

pH in Soil by 9045D

pH	7.74	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-03@1-2'
9/18/2023 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309380-06 (Soil)

pH in Soil by 9045D

pH	7.75	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-04@0-0.5'

9/18/2023 12:05:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-07 (Soil)

pH in Soil by 9045D

pH	7.82	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-04@0.5-1'

9/18/2023 12:10:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-08 (Soil)

pH in Soil by 9045D

pH	7.75	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-04@1-2'
9/18/2023 12:15:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-09 (Soil)

pH in Soil by 9045D

pH	7.86	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-05@0-0.5'

9/18/2023 12:20:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y309380-10 (Soil)

pH in Soil by 9045D

pH	6.97	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-05@0.5-1'

9/18/2023 12:25:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-11 (Soil)

pH in Soil by 9045D

pH	7.41	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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8000 W 44th Ave
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Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-05@1-2'
9/18/2023 12:30:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-12 (Soil)

pH in Soil by 9045D

pH	7.64	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Eagle Environmental Consulting, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-06@0-0.5'

9/18/2023 12:35:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-13 (Soil)

pH in Soil by 9045D

pH	6.59	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-06@0.5-1'

9/18/2023 12:40:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-14 (Soil)

pH in Soil by 9045D

pH	7.24	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Background-06@1-2'
9/18/2023 12:45:00PM

Analyte	Result	Reporting	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
		Limit							

Origins Laboratory, Inc.
Y309380-15 (Soil)

pH in Soil by 9045D

pH	7.64	pH Units	1	B312302	ACN	09/23/2023	09/24/2023
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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: 425777561
Project: Noble - Dinner #6-34

Saturated Paste - Quality Control Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3I2301 - Saturated Paste pH/EC										
Duplicate (B3I2301-DUP1)		Source: Y309379-19			Prepared: 09/23/2023 Analyzed: 09/24/2023					
pH	7.47		pH Units		7.61			1.86	25	
Batch B3I2302 - Saturated Paste pH/EC										
Duplicate (B3I2302-DUP1)		Source: Y309380-02			Prepared: 09/23/2023 Analyzed: 09/24/2023					
pH	7.71		pH Units		7.60			1.44	25	

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8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: 425777561

Project: Noble - Dinner #6-34

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.

Origins Laboratory, Inc.



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