



January 15, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Sater CC #18-17D

Project Number - [none]

Attached are your analytical results for Noble - Sater CC #18-17D received by Origins Laboratory, Inc. December 13, 2023. This project is associated with Origins project number Y312376-01.

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.

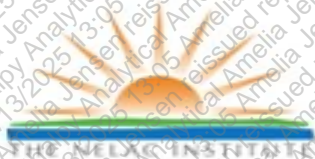
The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

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

Andrew Newberry
Project Number: [none]
Project: Noble - Sater CC #18-17D

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-01@2	Y312376-01	Soil	November 14, 2023 14:30	12/13/2023 11:40

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

ORIGINS LABORATORY, INC

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Sater CC #18-17D

www.originslaboratory.com
 page of
 Project Manager: Andrew Newberry
 Project Name: Sater CC #18-17D
 Project Number: BU
 Samples Collected By:
 Client: Eagle Environmental Consulting
 Address: 8000 W 44th Ave
 Wheat Ridge CO 80033
 Telephone Number: 303-933-3179
 Email Address: andrew@originslab.com

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Month	Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other			
Boiler room air	11/14/23	1430	1	✓				Soil	+	MDA needed
								Groundwater		Soil test
								Other		
								Air Canister #		
								Other		
								Date	12/02/23	
								Time	1140	
								Received By	UD	
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ORIGINS LABORATORY, INC

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

Andrew Newberry
Project Number: [none]
Project: Noble - Sater CC #18-17D

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

Sample Receipt Checklist

Origins Work Order: 1812376 Client: Eagle
Client Project ID: SATER CC #17-RD
Checklist Completed by: TJH Shipped Via: HD
Date/time completed: 12/13/13 (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, 2 °C / _____ °C / _____ °C / _____ °C
Thermometer ID: T004

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 type="checkbox"/>	<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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 sub-contractioned 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) JH

Date/Time Reviewed 12-14-13

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager

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

Andrew Newberry
 Project Number: [none]
 Project: Noble - Sater CC #18-17D

Background-01@2'
11/14/2023 2:30:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y312376-01 (Soil)

pH in Soil by 9045D

pH	8.25			pH Units	1	B3L1523	12/15/2023	12/17/2023	
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Total Metals by 6020B

Arsenic	1.45	0.0855	0.25	mg/Kg	5	L724504	12/22/2023	01/11/2024	
Barium	84.7	0.042	0.25	"	"	"	"	01/12/2024	

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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 B3L1523 - Saturated Paste pH/EC

Duplicate (B3L1523-DUP1)

Source: Y312336-01

Prepared: 12/15/2023 Analyzed: 12/17/2023

pH	8.16	pH Units	8.20	0.489	25
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 Project Number: [none]
 Project: Noble - Sater CC #18-17D

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 L724504 - 3050B

MSD (L 86302-MSD-L724504)

Source: 86302

Prepared: 12/22/2023 Analyzed: 01/11/2024

Barium	44.3	0.25	mg/Kg	4.99	48	0	75-125	7.2	80	1*
Arsenic	2.72	0.25	"	2.5	1.09	65	75-125	6.8	80	*

MS (L 86302-MS-L724504)

Source: 86302

Prepared: 12/22/2023 Analyzed: 01/11/2024

Barium	41.2	0.25	mg/Kg	4.64	48	0	75-125			1*
Arsenic	2.54	0.25	"	2.32	1.09	62	75-125			*

LCS (LCS-L724504)

Prepared: 12/22/2023 Analyzed: 01/12/2024

Barium	4.74	0.25	mg/Kg	5		95	80-120			
Arsenic	2.36	0.25	"	2.5		94	80-120			

LRB (LRB-L724504)

Prepared: 12/22/2023 Analyzed: 01/11/2024

Barium	ND	0.25	mg/Kg							
Arsenic	ND	0.25	"							

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Project: Noble - Sater CC #18-17D

Notes and Definitions

* [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.

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