ORIGINS LABORATORY, INC

November 21, 2023

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

Project Name - Noble - NCLP PC #AA04-05 **Project Number - [none]**

Attached are your analytical results for Noble - NCLP PC #AA04-05 received by Origins Laboratory, Inc. November 02, 2023. This project is associated with Origins project number Y311075-01.

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

ORIGINS LABORATORY, INC

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

Andrew Newberry
Project Number: [none]
Project: Noble - NCLP PC #AA04-05

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Background-01@2'	Y311075-01	Soil	October 16, 2023 13:37	11/02/2023 15:45

Origins Laboratory, Inc.

Jordan A. Bynon, Project Manager

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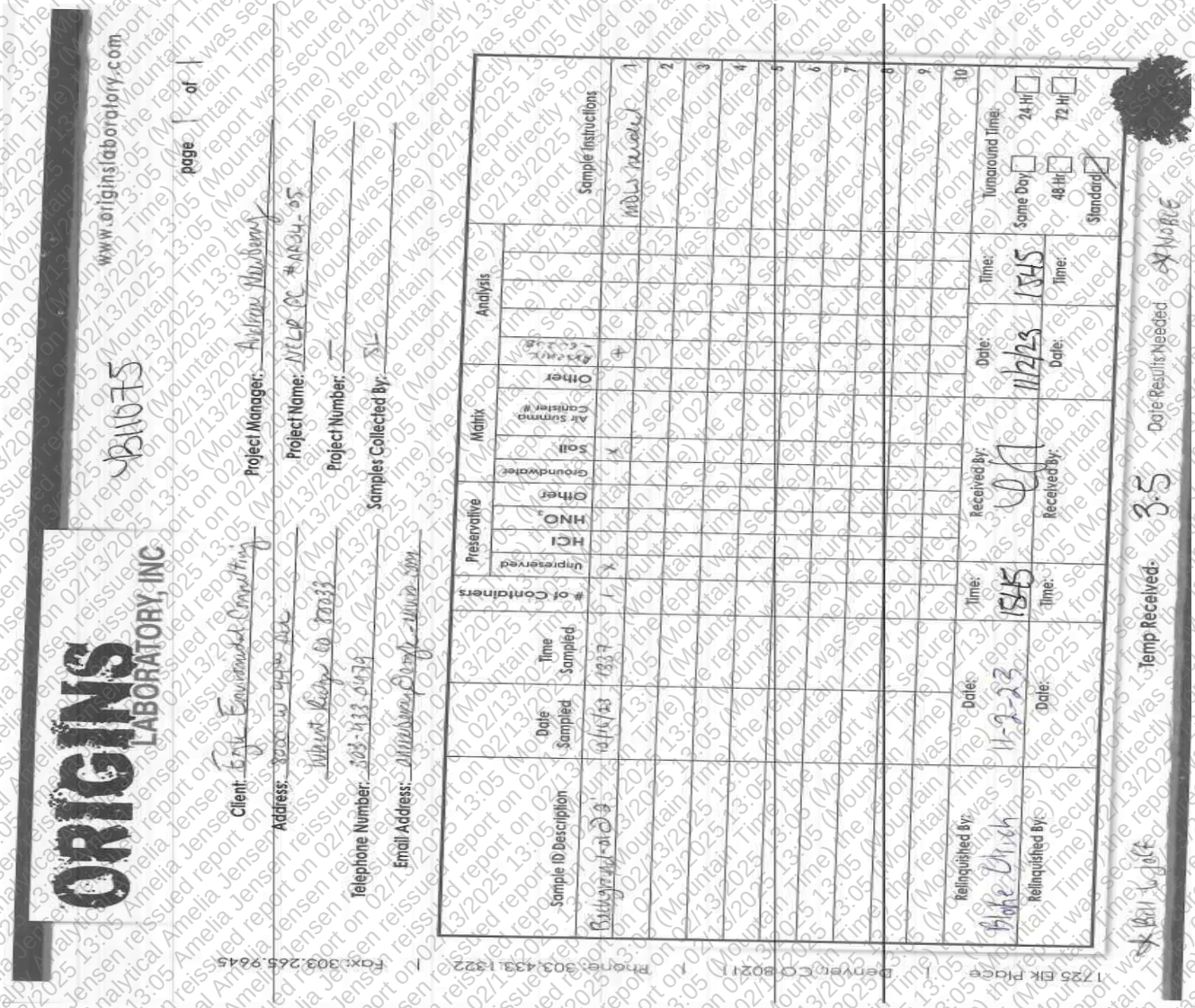

ORIGINS LABORATORY, INC

www.originslaboratory.com

page 1 of 1

Project Manager: Andrew Newberry
Project Name: NCLP PC #AA04-05
Project Number: —
Samples Collected By: AL

Client: Eric Environmental Consulting
Address: 8000 W 44th Ave
Wheat Ridge CO 80033
Telephone Number: 303-433-0479
Email Address: Andrew@eecl-usa.com

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative: Unpreserved	HCl	HNO_3	Other	Matrix: Groundwater	Soil	Air Summa Canister #	Other Specify	Analysis	Sample Instructions
Blue Dirt	10/16/23	1337	1	X					X				MOLS reuse 1
													2
													3
													4
													5
													6
													7
													8
													9
													10

Relinquished By: Date: 11-2-23 Time: 1545 Received By: Date: 11/2/23 Time: 1545 Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☐ Standard ☑

Relinquished By: Date: Time: Received By: Date: Time:

Temp Received: 3.5 Date/Results Needed: 11/9/23

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

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Jordan A. Bynon, Project Manager

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Andrew Newberry
Project Number: [none]
Project: Noble - NCLP PC #AA04-05

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4311075

Client: Eagle

Client Project ID: NCLP PC #AA04-05

Checklist Completed by: EHS

Shipped Via: (UPS, FedEx, Hand Delivered, Pick-up, etc.) -10

Date/time completed: 11/2/23

Airbill #: N/A

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

Cooler Number/Temperature: 1 / 3.5 °C ___ / ___ °C ___ / ___ °C ___ / ___ °C (Describe)

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]?	✓			
Is there ice present (document if blue ice is used)	✓			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		✓		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		✓		
Were all samples received intact[1]?	✓			
Was adequate sample volume provided[1]?	✓			
Are short holding time analytes or samples with HTs due within 48 hours present[1]?	✓			
Is a chain-of-custody (COC) present and filled out completely[1]?	✓			
Does the COC agree with the number and type of sample bottles received[1]?	✓			
Do the sample IDs on the bottle labels match the COC[1]?	✓			
Is the COC properly relinquished by the client with date and time recorded[1]?	✓			
For volatiles in water – is there headspace (> ¼ inch bubble) present? **If yes, contact client and note in narrative.**			✓	
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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)*			✓	
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: JB (Project Manager) 11-6-23 Date/Time Reviewed

Origins Laboratory, Inc.

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Andrew Newberry
Project Number: [none]
Project: Noble - NCLP PC #AA04-05

Background-01@2'
10/16/2023 1:37:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes

Origins Laboratory, Inc.
Y311075-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	**5.66**	0.0884	mg/kg	10	B3K0730	CIH	11/07/2023	11/09/2023	

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Jordan A. Bynon, Project Manager

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Andrew Newberry
Project Number: [none]
Project: Noble - NCLP PC #AA04-05

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3K0730 - EPA 3050B										
Blank (B3K0730-BLK1)					Prepared: 11/07/2023 Analyzed: 11/09/2023					
Arsenic	ND	0.000100	mg/kg							
Barium	ND	0.0100	"							
Cadmium	ND	0.000100	"							
Copper	ND	0.0100	"							
Lead	ND	0.0100	"							
Nickel	ND	0.0100	"							
Selenium	ND	0.000100	"							
Silver	ND	0.000100	"							
Zinc	ND	0.100	"							
LCS (B3K0730-BS1)					Prepared: 11/07/2023 Analyzed: 11/09/2023					
Arsenic	0.0479	0.000100	mg/kg	0.0500		95.8	80-120			
Barium	5.07	0.0100	"	5.00		101	80-120			
Cadmium	0.0522	0.000100	"	0.0500		104	80-120			
Copper	0.478	0.0100	"	0.500		95.6	80-120			
Lead	0.0504	0.0100	"	0.0500		101	80-120			
Nickel	0.0484	0.0100	"	0.0500		96.7	80-120			
Selenium	0.0517	0.000100	"	0.0500		103	80-120			
Silver	0.0486	0.000100	"	0.0500		97.2	80-120			
Zinc	0.438	0.100	"	0.500		87.6	80-120			
Matrix Spike (B3K0730-MS1)			**Source: Y311073-01**		Prepared: 11/07/2023 Analyzed: 11/09/2023					
Arsenic	8.74	0.0970	mg/kg	4.85	3.98	98.3	75-125			
Barium	561	9.70	"	485	65.6	102	75-125			
Cadmium	5.09	0.0970	"	4.85	0.124	102	75-125			
Copper	54.3	9.70	"	48.5	6.29	99.1	75-125			
Lead	11.3	9.70	"	4.85	7.12	85.6	75-125			

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Andrew Newberry
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Project: Noble - NCLP PC #AA04-05

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B3K0730 - EPA 3050B										
Matrix Spike (B3K0730-MS1)		**Source: Y311073-01**			Prepared: 11/07/2023 Analyzed: 11/09/2023					
Nickel	12.2	9.70	mg/kg	4.85	8.52	74.8	75-125			QM-07
Selenium	4.72	0.0970	"	4.85	0.0723	95.8	75-125			
Silver	4.62	0.0970	"	4.85	0.0265	94.7	75-125			
Zinc	74.2	97.0	"	48.5	29.9	91.4	75-125			
Matrix Spike Dup (B3K0730-MSD1)		**Source: Y311073-01**			Prepared: 11/07/2023 Analyzed: 11/09/2023					
Arsenic	9.04	0.0986	mg/kg	4.93	3.98	103	75-125	3.31	20	
Barium	579	9.86	"	493	65.6	104	75-125	3.23	20	
Cadmium	5.25	0.0986	"	4.93	0.124	104	75-125	3.10	20	
Copper	56.9	9.86	"	49.3	6.29	103	75-125	4.60	20	
Lead	11.3	9.86	"	4.93	7.12	85.7	75-125	0.676	20	
Nickel	12.7	9.86	"	4.93	8.52	84.2	75-125	4.25	20	
Selenium	5.17	0.0986	"	4.93	0.0723	103	75-125	9.16	20	
Silver	4.72	0.0986	"	4.93	0.0265	95.2	75-125	2.19	20	
Zinc	76.6	98.6	"	49.3	29.9	94.7	75-125	3.19	20	

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Andrew Newberry
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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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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