

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

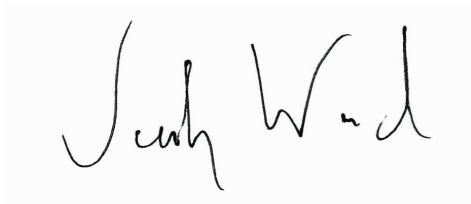
August 26, 2024

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549

RE: Noble - Balboa C20-9X, 23
Work Order #2408208

Enclosed are the results of analyses for samples received by Summit Scientific on 08/20/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and "W".

Jacob Wood For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Noble - Balboa C20-9X, 23

Project Number: CO23-022
Project Manager: Paul Henchan

Reported:
08/26/24 13:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W Wall 13FT (2)	2408208-01	Soil	08/20/24 00:00	08/20/24 16:30

Summit Scientific

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S₂

Sample Receipt Checklist

S2 Work Order# 2408208

Client: Fremont Client Project ID: Node-Balboa C20-9x, 23

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

Matrix (Check all that apply) Air Soil/Solid Water Other

Temp (°C) Thermometer #

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	no sample times
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input 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"/>	
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"/>	
For volatiles in water – is there headspace 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 (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<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 in case narrative.

AS
Custodian Printed Name

8/20/24
Date/Time



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W Wall 13FT (2)
2408208-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **08/20/24 00:00**


Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.34	0.200	mg/kg dry	1	BHH0634	08/22/24	08/22/24	EPA 6020B	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **08/20/24 00:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	84.0		%	1	BHH0556	08/21/24	08/21/24	Calculation	

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Total Metals by EPA 6020B - Quality Control

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Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BHH0634 - EPA 3050B

Blank (BHH0634-BLK1)

Prepared & Analyzed: 08/22/24

Arsenic ND 0.200 mg/kg wet

LCS (BHH0634-BS1)

Prepared & Analyzed: 08/22/24

Arsenic 36.7 0.180 mg/kg wet 36.0 102 80-120

Duplicate (BHH0634-DUP1)

Source: 2408208-01

Prepared & Analyzed: 08/22/24

Arsenic 3.36 0.200 mg/kg dry 3.34 0.667 20

Matrix Spike (BHH0634-MS1)

Source: 2408208-01

Prepared & Analyzed: 08/22/24

Arsenic 21.1 0.200 mg/kg dry 45.5 3.34 39.0 75-125 QM-05

Matrix Spike Dup (BHH0634-MSD1)

Source: 2408208-01

Prepared & Analyzed: 08/22/24

Arsenic 19.7 0.200 mg/kg dry 44.8 3.34 36.6 75-125 6.69 25 QM-05

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Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

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Analyte	Result	Reporting		Spike	Source	%REC			RPD	Notes
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BHH0556 - General Preparation

Duplicate (BHH0556-DUP1)

Source: 2408123-09

Prepared & Analyzed: 08/21/24

% Solids	93.3		%		92.8			0.580	20	
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Notes and Definitions

- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The associated LCS and/or LCSD were within acceptance limits, therefore the data are considered valid.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference