



February 12, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Huntsman G #13-10

Project Number - [none]

Attached are your analytical results for Noble - Huntsman G #13-10 received by Origins Laboratory, Inc. January 19, 2024. This project is associated with Origins project number Y401468-01.

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 - Huntsman G #13-10

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y401468-01	Water	January 19, 2024 12:00	01/19/2024 14:50
MW-02	Y401468-02	Water	January 19, 2024 12:40	01/19/2024 14:50
MW-03	Y401468-03	Water	January 19, 2024 12:50	01/19/2024 14:50
MW-04	Y401468-04	Water	January 19, 2024 12:20	01/19/2024 14:50

Origins Laboratory, Inc.

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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 - Huntsman G #13-10

**ORIGINS**  
 LABORATORY, INC

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page of

Client: Eagle Environmental Consulting  
 Address: 8000 W 44th Ave  
 Telephone Number: 303.433.1322  
 Email Address: andrew@eagle-environmental.com  
 Project Manager: Andrew Newberry  
 Project Name: Huntsman G #13-10  
 Project Number: 13-10  
 Samples Collected By: HN

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix	Analysis	Sample Instructions	Reinquisitioned By	Date	Time	Received By	Date	Time	Turnaround Time
				HCl	HNO3	Other										
MW-01	1/14/24	12:30	1				Soil	Asbestos	MW's needed	Andrew Newberry	1/16/24	11:50	WJL	1/16/24	11:50	48 Hr
MW-02	1/14/24	12:40	1				Soil	Asbestos			1/16/24	11:50		1/16/24	11:50	48 Hr
MW-03	1/14/24	12:50	1				Soil	Asbestos			1/16/24	11:50		1/16/24	11:50	48 Hr
MW-04	1/14/24	12:50	1				Soil	Asbestos			1/16/24	11:50		1/16/24	11:50	48 Hr

Temp Received: 3.0 Date Results Needed: Noble

Origins Laboratory, Inc.

*Jefe Pellegrini*

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Jen Pellegrini For Jordan A. Bynon, Project Manager

# ORIGINS

LABORATORY, INC

Eagle Environmental Consulting, LLC  
 8000 W 44th Ave  
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Andrew Newberry  
 Project Number: [none]  
 Project: Noble - Huntsman G #13-10

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

**Sample Receipt Checklist**

Origins Work Order: 1401018 Client: Eagle  
 Client Project ID: Huntsman G 13-10  
 Checklist Completed by: EHS Shipped Via: L10  
 Date/time completed: 1/19/24 (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, 3.6 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C  
 Thermometer ID: 7004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<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 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 type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are short holding time analytes or samples with HTS due within 48 hours present <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<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 type="checkbox"/>	
Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (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)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Additional Comments (if any):				

<sup>(1)</sup>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) [Signature]

Date/Time Reviewed 1/19/24

Origins Laboratory, Inc.

[Signature]

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

Andrew Newberry  
Project Number: [none]  
Project: Noble - Huntsman G #13-10

MW-01

1/19/2024 12:00:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y401468-01 (Water)

**Anions by IC 300.0**

Chloride	677	31.2	mg/L	125	B4A2305	STW	01/23/2024	01/25/2024	
Sulfate	462	31.2	"	"	"	STW	"	"	

**Total Dissolved Solids by 2540C**

Total Dissolved Solids	2540	5.00	"	1	B4A2217	KRM	01/22/2024	01/23/2024	
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Jen Pellegrini For Jordan A. Bynon, Project Manager



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Andrew Newberry  
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**MW-02**

**1/19/2024 12:40:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.  
 Y401468-02 (Water)**

**Anions by IC 300.0**

Chloride	676	31.2	mg/L	125	B4A2305	STW	01/23/2024	01/25/2024	
Sulfate	440	31.2	"	"	"	STW	"	"	

**Total Dissolved Solids by 2540C**

Total Dissolved Solids	2530	5.00	"	1	B4A2217	KRM	01/22/2024	01/23/2024	
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Jen Pellegrini For Jordan A. Bynon, Project Manager



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Project: Noble - Huntsman G #13-10

MW-03

1/19/2024 12:50:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.  
Y401468-03 (Water)

**Anions by IC 300.0**

Chloride	710	31.2	mg/L	125	B4A2305	STW	01/23/2024	01/25/2024	
Sulfate	367	31.2	"	"	"	STW	"	"	

**Total Dissolved Solids by 2540C**

Total Dissolved Solids	2430	5.00	"	1	B4A2217	KRM	01/22/2024	01/23/2024	
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Jen Pellegrini For Jordan A. Bynon, Project Manager

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Andrew Newberry  
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 Project: Noble - Huntsman G #13-10

**MW-04**

**1/19/2024 12:20:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y401468-04 (Water)**

**Anions by IC 300.0**

Chloride	688	31.2	mg/L	125	B4A2305	STW	01/23/2024	01/25/2024	
Sulfate	393	31.2	"	"	"	STW	"	"	

**Total Dissolved Solids by 2540C**

Total Dissolved Solids	2590	5.00	"	1	B4A2217	KRM	01/22/2024	01/23/2024	
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## Classical Chemistry Parameters - 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 B4A2217 - NO PREP

#### Blank (B4A2217-BLK1)

Prepared: 01/22/2024 Analyzed: 01/23/2024

Total Dissolved Solids	ND	5.00	mg/L							U
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#### LCS (B4A2217-BS1)

Prepared: 01/22/2024 Analyzed: 01/23/2024

Total Dissolved Solids	996	5.00	mg/L	1030		96.7	90-110			
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#### Duplicate (B4A2217-DUP1)

Source: Y401454-08

Prepared: 01/22/2024 Analyzed: 01/23/2024

Total Dissolved Solids	12200	5.00	mg/L		12100			1.18	10	
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### Batch B4A2305 - Filter .45um non acidified

#### Blank (B4A2305-BLK1)

Prepared: 01/23/2024 Analyzed: 01/25/2024

Chloride	ND	0.250	mg/L							U
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Sulfate	ND	0.250	"							U
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#### LCS (B4A2305-BS1)

Prepared: 01/23/2024 Analyzed: 01/25/2024

Chloride	3.78	0.250	mg/L	4.00		94.4	90-110			
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Sulfate	3.86	0.250	"	4.00		96.4	90-110			
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#### Matrix Spike (B4A2305-MS1)

Source: Y401474-01

Prepared: 01/23/2024 Analyzed: 01/25/2024

Chloride	1040		mg/L	500	616	84.6	90-110			QM-07
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Sulfate	3500		"	500	2860	130	90-110			QM-07
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#### Matrix Spike Dup (B4A2305-MSD1)

Source: Y401474-01

Prepared: 01/23/2024 Analyzed: 01/25/2024

Chloride	1030		mg/L	500	616	83.4	90-110	0.543	5	QM-07
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Sulfate	3500		"	500	2860	129	90-110	0.107	5	QM-07
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## Notes and Definitions

- U Sample is Non-Detect.
  - 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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