



June 20, 2024

Eagle Environmental Consulting, LLC

Andrew Newberry

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - PTF #C 32-8

Project Number - -

Attached are your analytical results for Noble - PTF #C 32-8 received by Origins Laboratory, Inc. June 03, 2024. This project is associated with Origins project number Y406013-01.

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: -
Project: Noble - PTF #C 32-8

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y406013-01	Water	June 3, 2024 12:25	06/03/2024 14:10
MW-02	Y406013-02	Water	June 3, 2024 12:45	06/03/2024 14:10
MW-03	Y406013-03	Water	June 3, 2024 12:55	06/03/2024 14:10
MW-04	Y406013-04	Water	June 3, 2024 12:15	06/03/2024 14:10
MW-05	Y406013-05	Water	June 3, 2024 12:35	06/03/2024 14:10

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: -
 Project: Noble - PTF #C 32-8

ORIGINS

LABORATORY, LLC

origins@eagle.com

4406613

Page 1 of 1

1725 Elk Place Denver, CO 80211 | # 303.425.1322 | origins@eagle.com | Temp Received -

Received on Ice? Yes No

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis				Comments
1	M0-31	1/21/25	11:15	1	UMP					
2	M0-32	1/21/25	11:15	1	UMP					
3	M0-33	1/21/25	11:15	1	UMP					
4	M0-34	1/21/25	11:15	1	UMP					
5	M0-35	1/21/25	11:15	1	UMP					
6										
7										
8										
9										
10										

Relinquished By: [Signature] Date: 1/21/25 Time: 11:15

Received By: [Signature] Date: 1/21/25 Time: 11:15

Turnaround Time: 48 Hr 72 Hr SAME DAY 24 Hr

Standard

Address: 8000 W 44th Ave

Client: Eagle Environmental Consulting

Project Manager: Andrew Newberry

Project Name: PTF #C 32-8

Key: W=Water

Telephone Number: 303-425-1322

Collected By: [Signature]

GW=Groundwater

SW=Surface Water

WW=Waste Water

Invoice Billing Info: 1725 Elk Pl Denver CO 80211

Project Number: 4406613

Received on Ice? Yes No

Temp Received - [Signature]

Received on Ice? Yes No

Standard

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ORIGINS LABORATORY, INC

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

Andrew Newberry
Project Number: -
Project: Noble - PTF #C 32-8

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4406013

Client: Edco

Client Project ID: PTF C 32-8

Checklist Completed by: EAD

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

Date/time completed: 6/13/12

Airbill #: N/A

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

Cooler Number/Temperature: 117 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: 1005

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"/>		<u>SD</u>
Is there ice present (document if blue ice is used)	<input checked="" 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"/>			
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"/>			
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" 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"/>			
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 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): EAD

Date/Time Reviewed: 6/13/12

Origins Laboratory, Inc.

Bynon

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Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, LLC
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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: -
 Project: Noble - PTF #C 32-8

MW-01

6/3/2024 12:25:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y406013-01 (Water)

Anions by IC 300.0

Chloride	237	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	1130	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2570	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
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Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, LLC
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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: -
 Project: Noble - PTF #C 32-8

MW-02

6/3/2024 12:45:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
 Y406013-02 (Water)**

Anions by IC 300.0

Chloride	210	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	833	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2330	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
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 Wheat Ridge CO 80033

Andrew Newberry
 Project Number: -
 Project: Noble - PTF #C 32-8

MW-03

6/3/2024 12:55:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
 Y406013-03 (Water)**

Anions by IC 300.0

Chloride	214	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	749	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2450	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
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Andrew Newberry
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Project: Noble - PTF #C 32-8

MW-04

6/3/2024 12:15:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
Y406013-04 (Water)

Anions by IC 300.0

Chloride	248	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	1070	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2400	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
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Andrew Newberry
 Project Number: -
 Project: Noble - PTF #C 32-8

MW-05

6/3/2024 12:35:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.
 Y406013-05 (Water)**

Anions by IC 300.0

Chloride	222	31.2	mg/L	125	B4F0402	DLT	06/04/2024	06/05/2024	
Sulfate	768	31.2	"	"	"	DLT	"	"	

Total Dissolved Solids by 2540C

Total Dissolved Solids	2580	5.00	"	1	B4F0427	KRM	06/04/2024	06/06/2024	
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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 B4F0402 - Filter .45um non acidified

Blank (B4F0402-BLK1)

Prepared: 06/04/2024 Analyzed: 06/05/2024

Chloride	ND	0.250	mg/L							
Sulfate	ND	0.250	"							

LCS (B4F0402-BS1)

Prepared: 06/04/2024 Analyzed: 06/05/2024

Chloride	3.99	0.250	mg/L	4.00		99.6	90-110			
Sulfate	4.31	0.250	"	4.00		108	90-110			

Matrix Spike (B4F0402-MS1)

Source: Y406008-01

Prepared: 06/04/2024 Analyzed: 06/05/2024

Chloride	532		mg/L	500		37.3	99.0	90-110		
Sulfate	1540		"	500		1040	99.4	90-110		

Matrix Spike Dup (B4F0402-MSD1)

Source: Y406008-01

Prepared: 06/04/2024 Analyzed: 06/05/2024

Chloride	537		mg/L	500		37.3	99.9	90-110	0.844	5
Sulfate	1550		"	500		1040	102	90-110	0.714	5

Batch B4F0427 - NO PREP

Blank (B4F0427-BLK1)

Prepared: 06/04/2024 Analyzed: 06/06/2024

Total Dissolved Solids	ND	5.00	mg/L							
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LCS (B4F0427-BS1)

Prepared: 06/04/2024 Analyzed: 06/06/2024

Total Dissolved Solids	1010	5.00	mg/L	1020		98.8	90-110			
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Duplicate (B4F0427-DUP1)

Source: Y405896-13

Prepared: 06/04/2024 Analyzed: 06/06/2024

Total Dissolved Solids	816	5.00	mg/L			784			4.00	10
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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.

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