



September 26, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - McBain (BainBridge) #1 Project Number - [none]

Attached are your analytical results for Noble - McBain (BainBridge) #1 received by Origins Laboratory, Inc. September 19, 2023. This project is associated with Origins project number Y309430-01.

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

Martin C Eckert III
Project Number: [none]
Project: Noble - McBain (BainBridge) #1

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-01	Y309430-01	Water	September 19, 2023 10:20	09/19/2023 15:15
MW-02	Y309430-02	Water	September 19, 2023 10:20	09/19/2023 15:15
MW-03	Y309430-03	Water	September 19, 2023 10:30	09/19/2023 15:15
MW-04	Y309430-04	Water	September 19, 2023 10:40	09/19/2023 15:15
MW-05	Y309430-05	Water	September 19, 2023 10:50	09/19/2023 15:15

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

ORIGINS

LABORATORY, INC

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - McBain (BainBridge) #1

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

Sample Receipt Checklist

Origins Work Order: Y309430

Client: Eagle

Client Project ID: McBain #1

Checklist Completed by: JTB/ERS

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

Date/time completed: 9/20/23

Airbill #: N/A

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

Cooler Number/Temperature: 1/6 °C / _____ °C / _____ °C (Describe) _____ °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 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 ⁽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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 subsampled analytes 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 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) [Signature]

Date/Time Reviewed 9/20/23

Origins Laboratory, Inc.


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Jordan A. Bynon, Project Manager

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 Wheat Ridge CO 80033

Martin C Eckert III
 Project Number: [none]
 Project: Noble - McBain (BainBridge) #1

MW-01

9/19/2023 10:20:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y309430-01 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L705959	09/21/2023	09/21/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	"
Surrogate: 2-Fluorobiphenyl	115 %		70-130						
Surrogate: 4-Terphenyl-d14	56.8 %		70-130						*

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Martin C Eckert III
 Project Number: [none]
 Project: Noble - McBain (BainBridge) #1


MW-02
9/19/2023 10:25:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y309430-02 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L705959	09/21/2023	09/21/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	"
Surrogate: 2-Fluorobiphenyl	120 %		70-130		"	"	"	"	"
Surrogate: 4-Terphenyl-d14	71 %		70-130		"	"	"	"	"

Origins Laboratory, Inc.


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Martin C Eckert III
 Project Number: [none]
 Project: Noble - McBain (BainBridge) #1

MW-03

9/19/2023 10:35:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y309430-03 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L705959	09/21/2023	09/21/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	
Surrogate: 2-Fluorobiphenyl	110 %		70-130		"	"	"	"	
Surrogate: 4-Terphenyl-d14	71.6 %		70-130		"	"	"	"	

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Martin C Eckert III
 Project Number: [none]
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MW-04

9/19/2023 10:40:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.

Y309430-04 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L705959	09/21/2023	09/21/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	"
Surrogate: 2-Fluorobiphenyl	116 %		70-130						
Surrogate: 4-Terphenyl-d14	63.7 %		70-130						*

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Martin C Eckert III
 Project Number: [none]
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MW-05

9/19/2023 10:50:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Waypoint Analytical, LLC.
Y309430-05 (Water)

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.0076	0.02	µg/L	1	L705959	09/21/2023	09/21/2023	
2-Methylnaphthalene	ND	0.0185	0.02	"	"	"	"	"	"
Surrogate: 2-Fluorobiphenyl	114 %		70-130						
Surrogate: 4-Terphenyl-d14	64.4 %		70-130						*

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PAH by 8270D SIM - 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 L705959 - 3511

LCSD (LCSD-L705959)

Prepared: 09/21/2023 Analyzed: 09/21/2023

2-Methylnaphthalene	3.14	0.02	µg/L	3.03	104	60-140	1.2	20	
1-Methylnaphthalene	3.08	0.02	"	3.03	102	60-140	0.3	20	
Surrogate: 4-Terphenyl-d14	74.5		"	3.03	74.5	70-130			
Surrogate: 2-Fluorobiphenyl	119		"	3.03	119	70-130			

LCS (LCS-L705959)

Prepared: 09/21/2023 Analyzed: 09/21/2023

2-Methylnaphthalene	3.18	0.02	µg/L	3.03	105	60-140			
1-Methylnaphthalene	3.09	0.02	"	3.03	102	60-140			
Surrogate: 4-Terphenyl-d14	76.8		"	3.03	76.8	70-130			
Surrogate: 2-Fluorobiphenyl	117		"	3.03	117	70-130			

LRB (LRB-L705959)

Prepared: 09/21/2023 Analyzed: 09/21/2023

2-Methylnaphthalene	ND	0.02	µg/L						
1-Methylnaphthalene	ND	0.02	"						
Surrogate: 4-Terphenyl-d14	84.8		"	3.03	84.8	70-130			
Surrogate: 2-Fluorobiphenyl	117		"	3.03	117	70-130			

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Notes and Definitions

* 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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