



October 13, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Farr C 18-25

Project Number - [none]

Attached are your analytical results for Noble - Farr C 18-25 received by Origins Laboratory, Inc. September 26, 2022. This project is associated with Origins project number Y209614-01.

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, Inc.
8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@6'	Y209614-01	Soil	September 26, 2022 15:32	09/26/2022 17:10

Origins Laboratory, Inc.

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Jordan A. Bynon For Noelle Doyle Mathis, President

ORIGINS

LABORATORY, INC

Eagle Environmental Consulting, Inc.

8000 W 44th Ave

Wheat Ridge CO 80033

Martin C Eckert III

Project Number: [none]

Project: Noble - Farr C 18-25

Origins Laboratory

Sample Receipt Checklist

F-012207-01-R1

Effective Date: 01/09/12

Origins Work Order: 12090014

Client: Eagle Environmental

Client Project ID: Farr C 18-25

Checklist Completed by: TSH/DE

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 09/28/2022

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid

☐ Water

☐ Other:

Cooler Number/Temperature: 1 / 12.0

°C °C (Describe)

Thermometer ID: 1004

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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<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 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 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): JB

Date/Time Reviewed: 9-28-22

Origins Laboratory, Inc.

JB

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8000 W 44th Ave
Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

WH-FS-01@6'

9/26/2022 3:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y209614-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.351	0.0990	mg/L	1	B2I2805	09/28/2022	09/29/2022	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B2I2826	09/28/2022	10/06/2022	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

Surrogate: o-Terphenyl	76.7 %	50-150	"	"	"	"	"	"
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B2J0427	10/04/2022	10/06/2022	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	"	"	U
Benzene	ND	0.00200	"	"	"	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	"	"	U
Toluene	ND	0.00200	"	"	"	"	"	U
Xylenes, total	ND	0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	113 %	70-130	"	"	"	"	"	"
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Martin C Eckert III
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WH-FS-01@6'

9/26/2022 3:32:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.

Y209614-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	100 %	70-130	B2J04 27	10/04/2022	10/06/2022
Surrogate: 4-Bromofluorobenzene	92.3 %	70-130	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.23	0.499	meq/L	10	[CALC]	09/28/2022	09/29/2022
Magnesium	1.31	0.823	"	"	"	"	"
Sodium	2.88	0.435	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L640431	09/29/2022	10/02/2022
2-Methylnaphthalene	ND	0.000645	0.00067	"	"	"	"	"
Acenaphthene	ND	0.000304	0.00067	"	"	"	"	"
Anthracene	ND	0.000334	0.00067	"	"	"	"	"
Benzo(a)anthracene	ND	0.000493	0.00067	"	"	"	"	"
Benzo(a)pyrene	ND	0.000468	0.00067	"	"	"	"	"
Benzo(b)fluoranthene	ND	0.000585	0.00067	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"
Chrysene	0.000971	0.000624	0.00067	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"

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WH-FS-01@6'

9/26/2022 3:32:00PM

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

Y209614-01 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L640431	09/29/2022	10/02/2022	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"
Naphthalene	ND	0.000484	0.00067	"	"	"	"	"	"
Pyrene	ND	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	62.3 %	33-115	"	"	"
Surrogate: 4-Terphenyl-d14	56.9 %	33-122	"	"	"
Surrogate: Nitrobenzene-d5	56.3 %	29-110	"	"	"

pH in Soil by 9045D

pH	8.52	pH Units	1	B212819	09/28/2022	09/29/2022
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SAR by 20B Saturated Paste

SAR	2.55	SAR	1	B212810	09/28/2022	09/29/2022
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.548	0.00500	mmhos/cm	1	B212819	09/28/2022	09/29/2022
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Extractable Petroleum Hydrocarbons by 8015D - 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 B212826 - EPA 3580

Blank (B212826-BLK1)

Prepared: 09/28/2022 Analyzed: 10/06/2022

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		89.3	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - 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 B212826 - EPA 3580

LCS (B212826-BS1)

Prepared: 09/28/2022 Analyzed: 10/06/2022

Diesel (C10-C28)	948	50.0	mg/kg	1000		94.8	70-130			
Residual Range Organics (C28-C40)	877	200	"	1000		87.7	70-130			
Surrogate: o-Terphenyl	44		"	49.8		89.2	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - 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 B212826 - EPA 3580

Matrix Spike (B212826-MS1)

Source: Y209643-01

Prepared: 09/28/2022 Analyzed: 10/06/2022

Diesel (C10-C28)	1090	50.0	mg/kg	1000	112	97.5	70-130
Residual Range Organics (C28-C40)	1070	200	"	1000	ND	107	70-130
Surrogate: o-Terphenyl	49		"	49.8		98.5	50-150

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Extractable Petroleum Hydrocarbons by 8015D - 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 B212826 - EPA 3580

Matrix Spike Dup (B212826-MSD1)

Source: Y209643-01

Prepared: 09/28/2022 Analyzed: 10/06/2022

Diesel (C10-C28)	1100	50.0	mg/kg	1000	112	98.5	70-130	0.905	35	
Residual Range Organics (C28-C40)	1030	200	"	1000	ND	103	70-130	3.12	35	
Surrogate: o-Terphenyl	49		"	49.8		98.7	50-150			

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Extractable Petroleum Hydrocarbons by 8015D - 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 B2J0427 - EPA 5030 (soil)

Blank (B2J0427-BLK1)

Prepared: 10/04/2022 Analyzed: 10/06/2022

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							U
1,3,5-Trimethylbenzene	ND	0.00200	"							U
Benzene	ND	0.00200	"							U
Ethylbenzene	ND	0.00200	"							U
Naphthalene	ND	0.00380	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		109	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125		89.3	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2J0427 - EPA 5030 (soil)

LCS (B2J0427-BS1)

Prepared: 10/04/2022 Analyzed: 10/06/2022

1,2,4-Trimethylbenzene	0.110	0.00200	mg/kg	0.100		110	70-130			
1,3,5-Trimethylbenzene	0.114	0.00200	"	0.100		114	70-130			
Benzene	0.0979	0.00200	"	0.100		97.9	70-130			
Ethylbenzene	0.110	0.00200	"	0.100		110	70-130			
Naphthalene	0.107	0.00380	"	0.100		107	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.110	0.00200	"	0.100		110	70-130			
m,p-Xylene	0.235	0.00400	"	0.200		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		111	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		95.7	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2J0427 - EPA 5030 (soil)

Matrix Spike (B2J0427-MS1)

Source: Y209613-01

Prepared: 10/04/2022 Analyzed: 10/06/2022

1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100	ND	103	70-130
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130
Benzene	0.0918	0.00200	"	0.100	ND	91.8	70-130
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130
Naphthalene	0.0849	0.00380	"	0.100	ND	84.9	70-130
Toluene	0.0996	0.00200	"	0.100	ND	99.6	70-130
o-Xylene	0.103	0.00200	"	0.100	ND	103	70-130
m,p-Xylene	0.229	0.00400	"	0.200	ND	114	70-130
Surrogate: 1,2-Dichloroethane-d4	0.13	"	"	0.125		105	70-130
Surrogate: Toluene-d8	0.13	"	"	0.125		100	70-130
Surrogate: 4-Bromofluorobenzene	0.12	"	"	0.125		98.9	70-130

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Volatile Organic Compounds by GC/MS SW846 8260D - 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 B2J0427 - EPA 5030 (soil)

Matrix Spike Dup (B2J0427-MSD1)

Source: Y209613-01

Prepared: 10/04/2022 Analyzed: 10/06/2022

1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg	0.100	ND	103	70-130	0.486	20	
1,3,5-Trimethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	1.17	20	
Benzene	0.0915	0.00200	"	0.100	ND	91.5	70-130	0.327	20	
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130	0.0745	20	
Naphthalene	0.0901	0.00380	"	0.100	ND	90.1	70-130	5.99	20	
Toluene	0.0999	0.00200	"	0.100	ND	99.9	70-130	0.281	20	
o-Xylene	0.104	0.00200	"	0.100	ND	104	70-130	0.847	20	
m,p-Xylene	0.230	0.00400	"	0.200	ND	115	70-130	0.436	20	
Surrogate: 1,2-Dichloroethane-d4	0.13	"	"	0.125		107	70-130			
Surrogate: Toluene-d8	0.13	"	"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12	"	"	0.125		99.7	70-130			

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Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

Volatile Organic Compounds by GC/MS SW846 8260D - 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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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 B2I2805 - Default Prep Metals

Blank (B2I2805-BLK1)

Prepared: 09/28/2022 Analyzed: 09/29/2022

Boron ND 0.100 mg/L

Duplicate (B2I2805-DUP1)

Source: Y209612-14

Prepared: 09/28/2022 Analyzed: 09/29/2022

Boron 0.536 0.0991 mg/L 0.519 3.10 50

Batch B2I2810 - Default Prep Metals

Blank (B2I2810-BLK1)

Prepared: 09/28/2022 Analyzed: 09/29/2022

Calcium PPM ND 10.0 mg/L

SAR 0.00 SAR

Magnesium PPM ND 10.0 mg/L

Sodium PPM ND 10.0 "

Duplicate (B2I2810-DUP1)

Source: Y209612-07

Prepared: 09/28/2022 Analyzed: 09/29/2022

Calcium PPM 115 10.0 mg/L 117 1.23 50

SAR 0.00 SAR 0.590 200 200

Magnesium PPM 56.0 10.0 mg/L 56.8 1.49 50

Sodium PPM 30.5 10.0 " 31.1 1.88 50

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Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

Saturated Paste - 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 B2I2819 - NO PREP

Blank (B2I2819-BLK1)

Prepared: 09/28/2022 Analyzed: 09/29/2022

pH 0.00 pH Units
Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B2I2819-DUP1)

Source: Y209612-07

Prepared: 09/28/2022 Analyzed: 09/29/2022

pH	7.73	pH Units	8.30	7.11	25
Specific Conductance (EC)	1.06	0.00500 mmhos/cm	0.991	6.44	25

Origins Laboratory, Inc.

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Jordan A. Bynon For Noelle Doyle Mathis, President

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

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 L640431 - 3550B

MSD (L 89158-MSD-L640431)

Source: 89158

Prepared: 09/29/2022 Analyzed: 10/02/2022

Fluorene	0.112	0.00067	mg/Kg	0.163	<0.000286	68.7	30-130	3.6	30	
1-Methylnaphthalene	0.112	0.00067	"	0.163	<0.000364	68.7	30-130	6.4	30	
Pyrene	0.118	0.00067	"	0.163	<0.000643	72.3	30-130	3.4	30	
Indeno(1,2,3-cd)pyrene	0.145	0.00067	"	0.163	<0.000627	88.9	30-130	3.5	30	
Fluoranthene	0.116	0.00067	"	0.163	<0.000394	71.1	30-130	4.4	30	
Dibenz(a,h)anthracene	0.138	0.00067	"	0.163	<0.000614	84.6	30-130	2.1	30	
Chrysene	0.116	0.00067	"	0.163	<0.000624	71.1	30-130	3.5	30	
Naphthalene	0.105	0.00067	"	0.163	<0.000484	64.4	30-130	6	30	
2-Methylnaphthalene	0.11	0.00067	"	0.163	<0.000645	67.4	30-130	6.5	30	
Benzo(k)fluoranthene	0.114	0.00067	"	0.163	<0.000437	69.9	30-130	2.5	30	
Acenaphthene	0.111	0.00067	"	0.163	<0.000304	68	30-130	5.5	30	
Anthracene	0.118	0.00067	"	0.163	<0.000334	72.3	30-130	3.4	30	
Benzo(a)anthracene	0.113	0.00067	"	0.163	<0.000493	69.3	30-130	4.5	30	
Benzo(a)pyrene	0.121	0.00067	"	0.163	<0.000468	74.2	30-130	0.8	30	
Benzo(b)fluoranthene	0.123	0.00067	"	0.163	<0.000585	75.4	30-130	12	30	
Surrogate: 2-Fluorobiphenyl	68.1		"	0.327	223	68.1	33-115			
Surrogate: Nitrobenzene-d5	57.7		"	0.327	208	57.7	29-110			
Surrogate: 4-Terphenyl-d14	68.8		"	0.327	237	68.8	33-122			

MS (L 89158-MS-L640431)

Source: 89158

Prepared: 09/29/2022 Analyzed: 10/02/2022

Benzo(k)fluoranthene	0.117	0.00067	mg/Kg	0.162	<0.000437	72.2	30-130			
Acenaphthene	0.105	0.00067	"	0.162	<0.000304	64.8	30-130			
Naphthalene	0.0988	0.00067	"	0.162	<0.000484	60.9	30-130			
Indeno(1,2,3-cd)pyrene	0.14	0.00067	"	0.162	<0.000627	86.4	30-130			
Fluorene	0.108	0.00067	"	0.162	<0.000286	66.6	30-130			
Fluoranthene	0.111	0.00067	"	0.162	<0.000394	68.5	30-130			
Dibenz(a,h)anthracene	0.135	0.00067	"	0.162	<0.000614	83.3	30-130			

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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

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 L640431 - 3550B

MS (L 89158-MS-L640431)

Source: 89158

Prepared: 09/29/2022 Analyzed: 10/02/2022

Chrysene	0.112	0.00067	mg/Kg	0.162	<0.000624	69.1	30-130
1-Methylnaphthalene	0.105	0.00067	"	0.162	<0.000364	64.8	30-130
Benzo(a)pyrene	0.12	0.00067	"	0.162	<0.000468	74	30-130
Anthracene	0.114	0.00067	"	0.162	<0.000334	70.3	30-130
Pyrene	0.114	0.00067	"	0.162	<0.000643	70.3	30-130
2-Methylnaphthalene	0.103	0.00067	"	0.162	<0.000645	63.5	30-130
Benzo(b)fluoranthene	0.109	0.00067	"	0.162	<0.000585	67.2	30-130
Benzo(a)anthracene	0.108	0.00067	"	0.162	<0.000493	66.6	30-130
Surrogate: Nitrobenzene-d5	56.6	"	"	0.325	208	56.6	29-110
Surrogate: 4-Terphenyl-d14	68.6	"	"	0.325	237	68.6	33-122
Surrogate: 2-Fluorobiphenyl	64.9	"	"	0.325	223	64.9	33-115

LCS (LCS-L640431)

Prepared: 09/29/2022 Analyzed: 10/02/2022

Chrysene	0.125	0.00067	mg/Kg	0.167		74.8	30-130
Dibenz(a,h)anthracene	0.145	0.00067	"	0.167		86.8	30-130
Fluoranthene	0.12	0.00067	"	0.167		71.8	30-130
Fluorene	0.115	0.00067	"	0.167		68.8	30-130
Indeno(1,2,3-cd)pyrene	0.153	0.00067	"	0.167		91.6	30-130
Naphthalene	0.108	0.00067	"	0.167		64.6	30-130
Pyrene	0.122	0.00067	"	0.167		73	30-130
Benzo(k)fluoranthene	0.118	0.00067	"	0.167		70.6	30-130
Benzo(a)pyrene	0.13	0.00067	"	0.167		77.8	30-130
Benzo(a)anthracene	0.119	0.00067	"	0.167		71.2	30-130
Anthracene	0.122	0.00067	"	0.167		73	30-130
Acenaphthene	0.113	0.00067	"	0.167		67.6	30-130
2-Methylnaphthalene	0.112	0.00067	"	0.167		67	30-130
1-Methylnaphthalene	0.114	0.00067	"	0.167		68.2	30-130

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Wheat Ridge CO 80033

Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

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 L640431 - 3550B

LCS (LCS-L640431)

Prepared: 09/29/2022 Analyzed: 10/02/2022

Benzo(b)fluoranthene	0.132	0.00067	mg/Kg	0.167	79	30-130
Surrogate: Nitrobenzene-d5	63.6		"	0.333	63.6	29-110
Surrogate: 4-Terphenyl-d14	80.4		"	0.333	80.4	33-122
Surrogate: 2-Fluorobiphenyl	76.8		"	0.333	76.8	33-115

LRB (LRB-L640431)

Prepared: 09/29/2022 Analyzed: 10/02/2022

Chrysene	ND	0.00067	mg/Kg			
Dibenz(a,h)anthracene	ND	0.00067	"			
Fluoranthene	ND	0.00067	"			
Fluorene	ND	0.00067	"			
Benzo(k)fluoranthene	ND	0.00067	"			
Naphthalene	ND	0.00067	"			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"			
Benzo(b)fluoranthene	ND	0.00067	"			
Benzo(a)pyrene	ND	0.00067	"			
Benzo(a)anthracene	ND	0.00067	"			
Acenaphthene	ND	0.00067	"			
2-Methylnaphthalene	ND	0.00067	"			
1-Methylnaphthalene	ND	0.00067	"			
Pyrene	ND	0.00067	"			
Anthracene	ND	0.00067	"			
Surrogate: Nitrobenzene-d5	67.2		"	0.333	67.2	29-110
Surrogate: 4-Terphenyl-d14	81.6		"	0.333	81.6	33-122
Surrogate: 2-Fluorobiphenyl	78		"	0.333	78	33-115

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

Martin C Eckert III
Project Number: [none]
Project: Noble - Farr C 18-25

Notes and Definitions

- U Sample is Non-Detect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

Origins Laboratory, Inc.

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Jordan A. Bynon For Noelle Doyle Mathis, President