



April 13, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - Lehfeldt #C27-15

Project Number - [none]

Attached are your analytical results for Noble - Lehfeldt #C27-15 received by Origins Laboratory, Inc. March 28, 2023. This project is associated with Origins project number Y303734-01.

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 - Lehfeldt #C27-15

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-FS-01@6'	Y303734-01	Soil	March 28, 2023 9:28	03/28/2023 15:10

Origins Laboratory, Inc.

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# ORIGINS LABORATORY, INC

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Lehfeldt #C27-15

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: M303-134

Client: Eagle Environ

Client Project ID: Lehfeldt #C27-15

Checklist Completed by: JSH/DE

Shipped Via: HD

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

Date/time completed: 3/29/23

Airbill #: na

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

Water

Other:

Cooler Number/Temperature: 1, 2 °C  °C  °C (Describe) °C

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 <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 HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> ) / (pH >10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 negative.

Reviewed by (Project Manager): [Signature]

Date/Time Reviewed: 3/29/23

Origins Laboratory, Inc.

[Signature]

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 Project: Noble - Lehfeldt #C27-15

**WH-FS-01@6'**  
**3/28/2023 9:28:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y303734-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.399		0.0994	mg/L	1	B3C3008	03/30/2023	03/31/2023	
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**DRO/ORO by EPA 8015D**


Diesel (C10-C28)	49.8		25.0	mg/kg	1	B3C2924	03/29/2023	03/30/2023	
Residual Range Organics (C28-C40)	101		100	"	"	"	"	"	

Surrogate: o-Terphenyl	95.1%		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B3C2933	03/29/2023	03/30/2023	U
1,3,5-Trimethylbenzene	0.00416		0.00200	"	"	"	"	"	
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	108%		70-130			"	"	"	
Surrogate: Toluene-d8	93.8%		70-130			"	"	"	

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WH-FS-01@6'  
 3/28/2023 9:28:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y303734-01 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene	101 %		70-130			B3C29 33	03/29/2023	03/30/2023	
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**Metals by Saturated Paste by EPA 6010**

Calcium	2.42		0.499	meq/L	10	[CALC]	03/30/2023	03/31/2023	
Magnesium	0.933		0.823	"	"	"	"	"	
Sodium	2.34		0.435	"	"	"	"	"	

**PAH by 8270D SIM**

1-Methylnaphthalene	0.00215	0.00109	0.00201	mg/Kg	1	L673265	03/31/2023	03/31/2023	
2-Methylnaphthalene	0.00218	0.00194	0.00201	"	"	"	"	"	
Acenaphthene	0.000614	0.000304	0.00067	"	"	"	"	"	J
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	0.000661	0.000624	0.00067	"	"	"	"	"	J
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	0.000647	0.000394	0.00067	"	"	"	"	"	J
Fluorene	0.000673	0.000286	0.00067	"	"	"	"	"	
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	

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**3/28/2023 9:28:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Waypoint Analytical, LLC.**  
**Y303734-01 (Soil)**

**PAH by 8270D SIM**

Naphthalene	ND	0.00145	0.00201	mg/Kg	1	L673265	03/31/2023	03/31/2023	
Pyrene	<b>0.000861</b>	<b>0.000643</b>	0.00067	"	"	"	"	"	

Surrogate: 2-Fluorobiphenyl	54.6 %		33-115			"	"	"	
Surrogate: 4-Terphenyl-d14	51.5 %		33-122			"	"	"	
Surrogate: Nitrobenzene-d5	49.7 %		29-110			"	"	"	

**pH in Soil by 9045D**

pH	<b>8.28</b>			pH Units	1	B3C3011	03/30/2023	03/31/2023	
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**SAR by 20B Saturated Paste**

SAR	<b>1.81</b>			SAR	1	B3C3009	03/30/2023	03/31/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	<b>0.762</b>		0.00500	mmhos/cm	1	B3C3011	03/30/2023	03/31/2023	
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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 B3C2924 - EPA 3580**

**Blank (B3C2924-BLK1)**

Prepared: 03/29/2023 Analyzed: 03/30/2023

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	20		"	24.9		80.8	50-150			

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**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B3C2924 - EPA 3580**

**LCS (B3C2924-BS1)**

Prepared: 03/29/2023 Analyzed: 03/30/2023

Diesel (C10-C28)	811	50.0	mg/kg	1000		81.1	70-130			
Residual Range Organics (C28-C40)	819	200	"	1000		81.9	70-130			
Surrogate: o-Terphenyl	48		"	49.8		96.9	50-150			

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**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B3C2924 - EPA 3580

Matrix Spike (B3C2924-MS1)

Source: Y303728-01

Prepared: 03/29/2023 Analyzed: 03/30/2023

Diesel (C10-C28)	843	50.0	mg/kg	1000	ND	84.3	70-130			
Residual Range Organics (C28-C40)	860	200	"	1000	ND	86.0	70-130			
Surrogate: o-Terphenyl	49		"	49.8		99.1	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 B3C2924 - EPA 3580

Matrix Spike Dup (B3C2924-MSD1)

Source: Y303728-01

Prepared: 03/29/2023 Analyzed: 03/30/2023

Diesel (C10-C28)	853	50.0	mg/kg	1000	ND	85.3	70-130	1.22	35	
Residual Range Organics (C28-C40)	857	200	"	1000	ND	85.7	70-130	0.393	35	
Surrogate: o-Terphenyl	46		"	49.8		93.3	50-150			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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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 B3C2933 - EPA 5030 (soil)**

Prepared: 03/29/2023 Analyzed: 03/29/2023

**Blank (B3C2933-BLK1)**

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	0.097		"	0.125		77.8	70-130			
Surrogate: Toluene-d8	0.16		"	0.125		125	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	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 B3C2933 - EPA 5030 (soil)

LCS (B3C2933-BS1)

Prepared: 03/29/2023 Analyzed: 03/29/2023

1,2,4-Trimethylbenzene	0.0986	0.00200	mg/kg	0.100		98.6	70-130			
1,3,5-Trimethylbenzene	0.0987	0.00200	"	0.100		98.7	70-130			
Benzene	0.0981	0.00200	"	0.100		98.1	70-130			
Ethylbenzene	0.0966	0.00200	"	0.100		96.6	70-130			
Naphthalene	0.111	0.00380	"	0.100		111	70-130			
Toluene	0.0928	0.00200	"	0.100		92.8	70-130			
o-Xylene	0.101	0.00200	"	0.100		101	70-130			
m,p-Xylene	0.200	0.00400	"	0.200		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		90.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.4	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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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 B3C2933 - EPA 5030 (soil)

Matrix Spike (B3C2933-MS1)

Source: Y303690-01

Prepared: 03/29/2023 Analyzed: 03/29/2023

1,2,4-Trimethylbenzene	0.0916	0.00200	mg/kg	0.100	ND	91.6	70-130			
1,3,5-Trimethylbenzene	0.0916	0.00200	"	0.100	ND	91.6	70-130			
Benzene	0.0910	0.00200	"	0.100	ND	91.0	70-130			
Ethylbenzene	0.0879	0.00200	"	0.100	ND	87.9	70-130			
Naphthalene	0.0982	0.00380	"	0.100	ND	98.2	70-130			
Toluene	0.0815	0.00200	"	0.100	ND	81.5	70-130			
o-Xylene	0.0838	0.00200	"	0.100	ND	83.8	70-130			
m,p-Xylene	0.184	0.00400	"	0.200	ND	92.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.9	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		100	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 B3C2933 - EPA 5030 (soil)

Matrix Spike Dup (B3C2933-MSD1)

Source: Y303690-01

Prepared: 03/29/2023 Analyzed: 03/29/2023

1,2,4-Trimethylbenzene	0.0919	0.00200	mg/kg	0.100	ND	91.9	70-130	0.283	20	
1,3,5-Trimethylbenzene	0.0926	0.00200	"	0.100	ND	92.6	70-130	1.17	20	
Benzene	0.0919	0.00200	"	0.100	ND	91.9	70-130	1.03	20	
Ethylbenzene	0.0882	0.00200	"	0.100	ND	88.2	70-130	0.341	20	
Naphthalene	0.104	0.00380	"	0.100	ND	104	70-130	5.96	20	
Toluene	0.0827	0.00200	"	0.100	ND	82.7	70-130	1.44	20	
o-Xylene	0.0847	0.00200	"	0.100	ND	84.7	70-130	1.14	20	
m,p-Xylene	0.185	0.00400	"	0.200	ND	92.5	70-130	0.510	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.2	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		102	70-130			

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Jordan A. Bynon For Jen Pellegrini, Project Manager



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**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 B3C3008 - DTPA Sorbitol Preparation**

Blank (B3C3008-BLK1)

Prepared: 03/30/2023 Analyzed: 04/03/2023

Boron ND 0.100 mg/L

Duplicate (B3C3008-DUP1)

Source: Y303690-01

Prepared: 03/30/2023 Analyzed: 04/03/2023

Boron 0.0339 0.0990 mg/L 0.0356 4.97 50

**Batch B3C3009 - Saturated Paste Metals**

Blank (B3C3009-BLK1)

Prepared: 03/30/2023 Analyzed: 03/31/2023

SAR 0.00 SAR

Calcium PPM ND 10.0 mg/L

Magnesium PPM ND 10.0 "

Sodium PPM ND 10.0 "

Duplicate (B3C3009-DUP1)

Source: Y303691-05

Prepared: 03/30/2023 Analyzed: 03/31/2023

SAR 0.00 SAR 4.46 200 200

Calcium PPM 38.8 10.0 mg/L 38.2 1.56 50

Magnesium PPM 4.37 10.0 " 4.23 3.33 50

Sodium PPM 103 10.0 " 109 5.16 50

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Lehfeldt #C27-15

**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 B3C3011 - Saturated Paste pH/EC**

**Blank (B3C3011-BLK1)**

Prepared: 03/30/2023 Analyzed: 03/31/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B3C3011-DUP1)**

**Source: Y303691-05**

Prepared: 03/30/2023 Analyzed: 03/31/2023

pH 8.20 pH Units 8.07 1.60 25

Specific Conductance (EC) 0.758 0.00500 mmhos/cm 0.830 9.02 25

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - Lehfeldt #C27-15

**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 L673265 - 3550B**

**MSD (L 89891-MSD-L673265)**

**Source: 89891**

Prepared: 03/31/2023 Analyzed: 03/31/2023

2-Methylnaphthalene	0.104	0.00201	mg/Kg	0.164	<0.00194	63.4	30-130	4.1	30	
Fluorene	0.126	0.00067	"	0.164	<0.000286	76.8	30-130	3.2	30	
Pyrene	0.119	0.00067	"	0.164	<0.000643	72.5	30-130	0.8	30	
Indeno(1,2,3-cd)pyrene	0.107	0.00067	"	0.164	<0.000627	65.2	30-130	8.6	30	
Fluoranthene	0.117	0.00067	"	0.164	<0.000394	71.3	30-130	2.5	30	
Dibenz(a,h)anthracene	0.15	0.00067	"	0.164	<0.000614	91.4	30-130	10.5	30	
Chrysene	0.119	0.00067	"	0.164	<0.000624	72.5	30-130	0.8	30	
Naphthalene	0.105	0.00201	"	0.164	<0.00145	64	30-130	4.8	30	
1-Methylnaphthalene	0.112	0.00201	"	0.164	<0.00109	68.2	30-130	4.5	30	
Benzo(k)fluoranthene	0.11	0.00067	"	0.164	<0.000437	67	30-130	0.9	30	
Acenaphthene	0.11	0.00067	"	0.164	<0.000304	67	30-130	1.8	30	
Anthracene	0.126	0.00067	"	0.164	<0.000334	76.8	30-130	0.7	30	
Benzo(a)anthracene	0.112	0.00067	"	0.164	<0.000493	68.2	30-130	3.6	30	
Benzo(a)pyrene	0.129	0.00067	"	0.164	<0.000468	78.6	30-130	2.3	30	
Benzo(b)fluoranthene	0.0915	0.00067	"	0.164	<0.000585	55.7	30-130	1	30	
Surrogate: 2-Fluorobiphenyl	60.1		"	0.329	171	60.1	33-115			
Surrogate: Nitrobenzene-d5	55.3		"	0.329	160	55.3	29-110			
Surrogate: 4-Terphenyl-d14	63.2		"	0.329	195	63.2	33-122			

**MS (L 89891-MS-L673265)**

**Source: 89891**

Prepared: 03/31/2023 Analyzed: 03/31/2023

Benzo(k)fluoranthene	0.111	0.00067	mg/Kg	0.167	<0.000437	66.4	30-130			
Acenaphthene	0.108	0.00067	"	0.167	<0.000304	64.6	30-130			
Naphthalene	0.1	0.00201	"	0.167	<0.00145	59.8	30-130			
Indeno(1,2,3-cd)pyrene	0.0981	0.00067	"	0.167	<0.000627	58.7	30-130			
Fluorene	0.122	0.00067	"	0.167	<0.000286	73	30-130			
Fluoranthene	0.114	0.00067	"	0.167	<0.000394	68.2	30-130			
Dibenz(a,h)anthracene	0.135	0.00067	"	0.167	<0.000614	80.8	30-130			

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Martin C Eckert III  
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 Project: Noble - Lehfeldt #C27-15

**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 L673265 - 3550B**

**MS (L 89891-MS-L673265)**

**Source: 89891**

Prepared: 03/31/2023 Analyzed: 03/31/2023

Chrysene	0.12	0.00067	mg/Kg	0.167	<0.000624	71.8	30-130			
1-Methylnaphthalene	0.107	0.00201	"	0.167	<0.00109	64	30-130			
Benzo(a)pyrene	0.126	0.00067	"	0.167	<0.000468	75.4	30-130			
Anthracene	0.125	0.00067	"	0.167	<0.000334	74.8	30-130			
Pyrene	0.118	0.00067	"	0.167	<0.000643	70.6	30-130			
2-Methylnaphthalene	0.0998	0.00201	"	0.167	<0.00194	59.7	30-130			
Benzo(b)fluoranthene	0.0905	0.00067	"	0.167	<0.000585	54.1	30-130			
Benzo(a)anthracene	0.108	0.00067	"	0.167	<0.000493	64.6	30-130			
Surrogate: Nitrobenzene-d5	51.9		"	0.333	160	51.9	29-110			
Surrogate: 4-Terphenyl-d14	61.2		"	0.333	195	61.2	33-122			
Surrogate: 2-Fluorobiphenyl	55.8		"	0.333	171	55.8	33-115			

**LCS (LCS-L673265)**

Prepared: 03/31/2023 Analyzed: 03/31/2023

Chrysene	0.109	0.00067	mg/Kg	0.167		65.2	30-130			
Dibenz(a,h)anthracene	0.134	0.00067	"	0.167		80.2	30-130			
Fluoranthene	0.112	0.00067	"	0.167		67	30-130			
Fluorene	0.0992	0.00067	"	0.167		59.4	30-130			
Indeno(1,2,3-cd)pyrene	0.124	0.00067	"	0.167		74.2	30-130			
Naphthalene	0.0943	0.00201	"	0.167		56.4	30-130			
Benzo(k)fluoranthene	0.137	0.00067	"	0.167		82	30-130			
Pyrene	0.11	0.00067	"	0.167		65.8	30-130			
Benzo(a)pyrene	0.113	0.00067	"	0.167		67.6	30-130			
Benzo(a)anthracene	0.109	0.00067	"	0.167		65.2	30-130			
Anthracene	0.104	0.00067	"	0.167		62.2	30-130			
Acenaphthene	0.0967	0.00067	"	0.167		57.9	30-130			
2-Methylnaphthalene	0.0979	0.00201	"	0.167		58.6	30-130			
1-Methylnaphthalene	0.0984	0.00201	"	0.167		58.9	30-130			

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Martin C Eckert III  
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 Project: Noble - Lehfeldt #C27-15

**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 L673265 - 3550B**

**LCS (LCS-L673265)**

Prepared: 03/31/2023 Analyzed: 03/31/2023

Benzo(b)fluoranthene	0.0944	0.00067	mg/Kg	0.167		56.5	30-130			
Surrogate: Nitrobenzene-d5	53.7		"	0.333		53.7	29-110			
Surrogate: 4-Terphenyl-d14	68.4		"	0.333		68.4	33-122			
Surrogate: 2-Fluorobiphenyl	54.6		"	0.333		54.6	33-115			

**LRB (LRB-L673265)**

Prepared: 03/31/2023 Analyzed: 03/31/2023

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	0.00201	"							
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	0.00201	"							
1-Methylnaphthalene	ND	0.00201	"							
Pyrene	ND	0.00067	"							
Anthracene	ND	0.00067	"							
Surrogate: Nitrobenzene-d5	60.9		"	0.333		60.9	29-110			
Surrogate: 4-Terphenyl-d14	71.7		"	0.333		71.7	33-122			
Surrogate: 2-Fluorobiphenyl	63		"	0.333		63	33-115			

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Jordan A. Bynon For Jen Pellegrini, Project Manager

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - Lehfeldt #C27-15

## Notes and Definitions

- U Sample is Non-Detect.
- J Estimated Value. Analyte below reported quantitation limit.
- 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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