



February 03, 2022

Eagle Environmental Consulting, Inc.

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - LDS White #D 17-2, 8 TB Project Number - [none]

Attached are your analytical results for Noble - LDS White #D 17-2, 8 TB received by Origins Laboratory, Inc. January 20, 2022. This project is associated with Origins project number Y201390-01.

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 - LDS White #D 17-2, 8 TB

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WV-SS-03@7'	Y201390-01	Soil	January 20, 2022 12:53	01/20/2022 16:20
WV-FS-01@8'	Y201390-02	Soil	January 20, 2022 13:00	01/20/2022 16:20
TB-SS-01@1'	Y201390-03	Soil	January 20, 2022 13:15	01/20/2022 16:20
TB-SS-03@4'	Y201390-04	Soil	January 20, 2022 13:52	01/20/2022 16:20
TB-SS-04@3'	Y201390-05	Soil	January 20, 2022 14:01	01/20/2022 16:20

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ORIGINS LABORATORY, INC

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

Martin C Eckert III
Project Number: [none]
Project: Noble - LDS White #D 17-2, 8 TB

www.originslaboratory.com
page of

1725 EIK Plcde
1725 EIK Plcde

ORIGINS
LABORATORY, INC

Client: 1725 EIK Plcde
Address: 1725 EIK Plcde
Telephone Number: 303.265.9645
Email Address: m.c.eckert@originslab.com

Project Manager: Martin C Eckert III
Project Name: 1725 EIK Plcde
Project Number: 1725 EIK Plcde
Samples Collected By: Martin C Eckert III

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix	Analytcs	Sample Instructions	Relinquished By:	Date:	Time:	Relinquished By:	Date:	Time:	Turnaround Time:
				Unpreserved	HCl	HNO ₃										
1725 EIK Plcde	1/22/2025	11:55	1	X			X	XXX	1	1725 EIK Plcde	1/22/2025	16:20	1725 EIK Plcde	1/22/2025	16:20	24 Hr
1725 EIK Plcde	1/22/2025	12:00	1	X			X	XXX	2	1725 EIK Plcde	1/22/2025	16:20	1725 EIK Plcde	1/22/2025	16:20	24 Hr
1725 EIK Plcde	1/22/2025	13:15	1	X			X	XXX	3	1725 EIK Plcde	1/22/2025	16:20	1725 EIK Plcde	1/22/2025	16:20	24 Hr
1725 EIK Plcde	1/22/2025	13:32	1	X			X	XXX	4	1725 EIK Plcde	1/22/2025	16:20	1725 EIK Plcde	1/22/2025	16:20	24 Hr
1725 EIK Plcde	1/22/2025	14:00	1	X			X	XXX	5	1725 EIK Plcde	1/22/2025	16:20	1725 EIK Plcde	1/22/2025	16:20	24 Hr
									6							48 Hr
									7							72 Hr
									8							Standard
									9							
									10							

Date Results Needed: 1/22/2025
Temp Received: 35

Origins Laboratory, Inc.
Jordan A. Merrill
Jordan A. Merrill For Jen Pellegrini, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ORIGINS

LABORATORY, INC

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: Y201380

Client: Eagle

Client Project ID: LDS White D17-2, 8

Checklist Completed by: SG

Shipped Via: HD

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

Date/time completed: 1/21/22

Airbill #: N/A

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

Water

Other:

(Describe)

Cooler Number/Temperature: 1, 135 °C

1 °C

1 °C

1 °C

Thermometer ID: T003

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"/>			
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 HNO3, HCL, H2SO4) (pH >10 for samples preserved with NaAsO2+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): ME

Date/Time Reviewed: 1/24/22

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

WV-SS-03@7'
1/20/2022 12:53:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-01 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.198	mg/L	1	B2A2402	01/24/2022	01/25/2022	
-------	----	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2A2110	01/21/2022	01/25/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	93.8 %		50-150	"	"	"	"	"	
--------------------------------	--------	--	--------	---	---	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2A2618	01/26/2022	02/01/2022	U
1,3,5-Trimethylbenzene	0.00830		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	0.546		0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	102 %		70-130	"	"	"	"	"	
Surrogate: Toluene-d8	101 %		70-130	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

WV-SS-03@7'
1/20/2022 12:53:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	97.4 %		70-130			B2A26 18	01/26/2022	02/01/2022	
---------------------------------	--------	--	--------	--	--	-------------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	2.63		0.499	meq/L	10	[CALC]	01/24/2022	01/25/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.00333	0.000364	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
2-Methylnaphthalene	0.00679	0.000645	0.00067	"	"	"	"	"	
Acenaphthene	0.0011	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	0.000659	0.000624	0.00067	"	"	"	"	"	J
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	0.000717	0.000394	0.00067	"	"	"	"	"	
Fluorene	0.00224	0.000286	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

WV-SS-03@7'
1/20/2022 12:53:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Waypoint Analytical, Inc.
Y201390-01 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
Naphthalene	0.000863	0.000484	0.00067	"	"	"	"	"	"
Pyrene	0.000862	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	59.1 %		33-115				"	"	"
Surrogate: 4-Terphenyl-d14	65.8 %		33-122				"	"	"
Surrogate: Nitrobenzene-d5	51.8 %		29-110				"	"	"

pH in Soil by 9045D

pH	7.80			pH Units	1	B2A2404	01/24/2022	01/25/2022	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.285			SAR	1	B2A2403	01/24/2022	01/25/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.378		0.00500	mmhos/cm	1	B2A2405	01/24/2022	01/25/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

WV-FS-01@8'
1/20/2022 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.432		0.196	mg/L	1	B2A2402	01/24/2022	01/25/2022	
-------	-------	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D


Diesel (C10-C28)	184		25.0	mg/kg	1	B2A2110	01/21/2022	01/27/2022	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	106 %		50-150	"	"	"	"	"	"
------------------------	-------	--	--------	---	---	---	---	---	---

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2A2618	01/26/2022	02/01/2022	U
1,3,5-Trimethylbenzene	0.00786		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	1.40		0.200	"	"	"	"	"	"

Surrogate: 1,2-Dichloroethane-d4	103 %		70-130	"	"	"	"	"	"
Surrogate: Toluene-d8	94.8 %		70-130	"	"	"	"	"	"

Origins Laboratory, Inc.


The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

WV-FS-01@8'
 1/20/2022 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	99.8 %		70-130			B2A26 18	01/26/2022	02/01/2022	
---------------------------------	--------	--	--------	--	--	-------------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	1.91		0.499	meq/L	10	[CALC]	01/24/2022	01/25/2022	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	1.71		0.435	"	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	0.019	0.000364	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
2-Methylnaphthalene	0.0259	0.000645	0.00067	"	"	"	"	"	"
Acenaphthene	0.0108	0.000304	0.00067	"	"	"	"	"	"
Anthracene	0.00118	0.000334	0.00067	"	"	"	"	"	"
Benzo(a)anthracene	0.000608	0.000493	0.00067	"	"	"	"	"	J
Benzo(a)pyrene	0.00185	0.000468	0.00067	"	"	"	"	"	"
Benzo(b)fluoranthene	0.00126	0.000585	0.00067	"	"	"	"	"	"
Benzo(k)fluoranthene	ND	0.000437	0.00067	"	"	"	"	"	"
Chrysene	0.00754	0.000624	0.00067	"	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	"
Fluoranthene	0.00109	0.000394	0.00067	"	"	"	"	"	"
Fluorene	0.0298	0.000286	0.00067	"	"	"	"	"	"
Indeno(1,2,3-cd)pyrene	ND	0.000627	0.00067	"	"	"	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

WV-FS-01@8'
1/20/2022 1:00:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Waypoint Analytical, Inc.
Y201390-02 (Soil)

PAH by 8270D SIM

Naphthalene	0.00228	0.000484	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
Pyrene	0.00363	0.000643	0.00067	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	47.9 %		33-115						
Surrogate: 4-Terphenyl-d14	57.8 %		33-122						
Surrogate: Nitrobenzene-d5	47.9 %		29-110						

pH in Soil by 9045D

pH	7.88			pH Units	1	B2A2404	01/24/2022	01/25/2022	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.60			SAR	1	B2A2403	01/24/2022	01/25/2022	
-----	------	--	--	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.475		0.00500	mmhos/cm	1	B2A2405	01/24/2022	01/25/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-01@1'
1/20/2022 1:15:00PM

Origins Laboratory, Inc.
Y201390-03 (Soil)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Boron (DTPA Sorbitol)

Boron	ND		0.199	mg/L	1	B2A2402	01/24/2022	01/25/2022	
-------	----	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2A2110	01/21/2022	01/25/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	82.5 %		50-150	"	"	"	"	"	
------------------------	--------	--	--------	---	---	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2A2618	01/26/2022	02/01/2022	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	96.5 %		70-130	"	"	"	"	"	
----------------------------------	--------	--	--------	---	---	---	---	---	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-01@1'
1/20/2022 1:15:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-03 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	101 %		70-130			B2A26 18	01/26/2022	02/01/2022	
Surrogate: 4-Bromofluorobenzene	98.8 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.66		0.499	meq/L	10	[CALC]	01/24/2022	01/25/2022	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
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	0.000978	0.000624	0.00067	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-01@1'
1/20/2022 1:15:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Waypoint Analytical, Inc.
Y201390-03 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
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	58.4 %		33-115			"	"	"	"
Surrogate: 4-Terphenyl-d14	62.3 %		33-122			"	"	"	"
Surrogate: Nitrobenzene-d5	55.3 %		29-110			"	"	"	"

pH in Soil by 9045D

pH	7.87			pH Units	1	B2A2404	01/24/2022	01/25/2022	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.129			SAR	1	B2A2403	01/24/2022	01/25/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.253		0.00500	mmhos/cm	1	B2A2405	01/24/2022	01/25/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-03@4'
1/20/2022 1:52:00PM

Origins Laboratory, Inc.
Y201390-04 (Soil)

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Boron (DTPA Sorbitol)									
Boron	0.337		0.198	mg/L	1	B2A2402	01/24/2022	01/25/2022	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B2A2110	01/21/2022	01/25/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	90.7 %		50-150	"	"	"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	0.00698		0.00200	mg/kg	1	B2A2618	01/26/2022	02/01/2022	
1,3,5-Trimethylbenzene	0.0322		0.00200	"	"	"	"	"	
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	0.0164		0.00200	"	"	"	"	"	
Gasoline Range Hydrocarbons	0.328		0.200	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	100 %		70-130	"	"	"	"	"	
Surrogate: Toluene-d8	96.3 %		70-130	"	"	"	"	"	

Origins Laboratory, Inc.


The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-03@4'
1/20/2022 1:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-04 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	101 %		70-130			B2A26 18	01/26/2022	02/01/2022	
---------------------------------	-------	--	--------	--	--	-------------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	3.27		0.499	meq/L	10	[CALC]	01/24/2022	01/25/2022	
Magnesium	0.848		0.823	"	"	"	"	"	
Sodium	2.46		0.435	"	"	"	"	"	

PAH by 8270D SIM

1-Methylnaphthalene	0.0432	0.00182	0.00335	mg/Kg	5	L596105	01/24/2022	01/25/2022	
2-Methylnaphthalene	0.0766	0.00323	0.00335	"	"	"	"	"	
Acenaphthene	0.0078	0.00152	0.00335	"	"	"	"	"	
Anthracene	ND	0.00167	0.00335	"	"	"	"	"	
Benzo(a)anthracene	ND	0.00247	0.00335	"	"	"	"	"	
Benzo(a)pyrene	ND	0.00234	0.00335	"	"	"	"	"	
Benzo(b)fluoranthene	ND	0.00293	0.00335	"	"	"	"	"	
Benzo(k)fluoranthene	ND	0.00219	0.00335	"	"	"	"	"	
Chrysene	ND	0.00312	0.00335	"	"	"	"	"	
Dibenz(a,h)anthracene	ND	0.00307	0.00335	"	"	"	"	"	
Fluoranthene	ND	0.00197	0.00335	"	"	"	"	"	
Fluorene	0.0154	0.00143	0.00335	"	"	"	"	"	

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-03@4'
1/20/2022 1:52:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Waypoint Analytical, Inc.
Y201390-04 (Soil)

PAH by 8270D SIM

Indeno(1,2,3-cd)pyrene	ND	0.00314	0.00335	mg/Kg	5	L596105	01/24/2022	01/25/2022	
Naphthalene	0.0141	0.00242	0.00335	"	"	"	"	"	"
Pyrene	ND	0.00322	0.00335	"	"	"	"	"	"

Surrogate: 2-Fluorobiphenyl	63.5 %		33-115				"	"	"
Surrogate: 4-Terphenyl-d14	66.9 %		33-122				"	"	"
Surrogate: Nitrobenzene-d5	45.3 %		29-110				"	"	"

pH in Soil by 9045D

pH	7.85			pH Units	1	B2A2404	01/24/2022	01/25/2022	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.71			SAR	1	B2A2403	01/24/2022	01/25/2022	
-----	------	--	--	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.699		0.00500	mmhos/cm	1	B2A2405	01/24/2022	01/25/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-04@3'
1/20/2022 2:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-05 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.201	mg/L	1	B2A2402	01/24/2022	01/25/2022	
-------	----	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B2A2110	01/21/2022	01/25/2022	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: *o*-Terphenyl 74.1% 50-150 " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B2A2618	01/26/2022	02/01/2022	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 99.6% 70-130 " "

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-04@3'
1/20/2022 2:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Origins Laboratory, Inc.
Y201390-05 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	96.8 %		70-130			B2A26 18	01/26/2022	02/01/2022	
Surrogate: 4-Bromofluorobenzene	99.8 %		70-130			"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.70		0.499	meq/L	10	[CALC]	01/24/2022	01/25/2022	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"

PAH by 8270D SIM

1-Methylnaphthalene	ND	0.000364	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
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	ND	0.000624	0.00067	"	"	"	"	"	"
Dibenz(a,h)anthracene	ND	0.000614	0.00067	"	"	"	"	"	"
Fluoranthene	ND	0.000394	0.00067	"	"	"	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

TB-SS-04@3'
1/20/2022 2:01:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
---------	--------	---------------------	-----------------	-------	----------	-------	----------	----------	-------

Waypoint Analytical, Inc.
Y201390-05 (Soil)

PAH by 8270D SIM

Fluorene	ND	0.000286	0.00067	mg/Kg	1	L596105	01/24/2022	01/25/2022	
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	60.7 %		33-115			"	"	"	"
Surrogate: 4-Terphenyl-d14	62.5 %		33-122			"	"	"	"
Surrogate: Nitrobenzene-d5	57.1 %		29-110			"	"	"	"

pH in Soil by 9045D

pH	8.05			pH Units	1	B2A2404	01/24/2022	01/25/2022	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.183			SAR	1	B2A2403	01/24/2022	01/25/2022	
-----	-------	--	--	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.291		0.00500	mmhos/cm	1	B2A2405	01/24/2022	01/25/2022	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2110 - EPA 3580

Blank (B2A2110-BLK1)

Prepared: 01/18/2022 Analyzed: 01/25/2022

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	21		"	24.9		85.6	50-150			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2110 - EPA 3580

LCS (B2A2110-BS1)

Prepared: 01/18/2022 Analyzed: 01/18/2022

Diesel (C10-C28)	967	50.0	mg/kg	1000		96.7	70-130			
Residual Range Organics (C28-C40)	867	200	"	1000		86.7	70-130			
Surrogate: o-Terphenyl	42		"	49.8		85.0	50-150			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2110 - EPA 3580

Matrix Spike (B2A2110-MS1)

Source: Y201286-01

Prepared: 01/18/2022 Analyzed: 01/24/2022

Diesel (C10-C28)	929	50.0	mg/kg	1000	ND	92.9	70-130			
Residual Range Organics (C28-C40)	915	200	"	1000	ND	91.5	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.5	50-150			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2110 - EPA 3580

Matrix Spike Dup (B2A2110-MSD1)

Source: Y201286-01

Prepared: 01/18/2022 Analyzed: 01/24/2022

Diesel (C10-C28)	965	50.0	mg/kg	1000	ND	96.5	70-130	3.80	35	
Residual Range Organics (C28-C40)	903	200	"	1000	ND	90.3	70-130	1.35	35	
Surrogate: o-Terphenyl	41		"	49.8		81.9	50-150			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2618 - EPA 5030 (soil)

Blank (B2A2618-BLK1)

Prepared: 01/26/2022 Analyzed: 02/01/2022

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	0.0100	"							U
Toluene	ND	0.00200	"							U
Xylenes, total	ND	0.00200	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.2	70-130			

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2618 - EPA 5030 (soil)

LCS (B2A2618-BS1)

Prepared: 01/26/2022 Analyzed: 02/01/2022

1,2,4-Trimethylbenzene	0.0823	0.00200	mg/kg	0.100		82.3	70-130			
1,3,5-Trimethylbenzene	0.0800	0.00200	"	0.100		80.0	70-130			
Benzene	0.105	0.00200	"	0.100		105	70-130			
Ethylbenzene	0.0866	0.00200	"	0.100		86.6	70-130			
Naphthalene	0.108	0.0100	"	0.100		108	70-130			
Toluene	0.0931	0.00200	"	0.100		93.1	70-130			
o-Xylene	0.0929	0.00200	"	0.100		92.9	70-130			
m,p-Xylene	0.168	0.00400	"	0.200		83.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.8	70-130			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2618 - EPA 5030 (soil)

Matrix Spike (B2A2618-MS1)

Source: Y201331-01

Prepared: 01/26/2022 Analyzed: 02/01/2022

1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg	0.100	ND	113	70-130			
1,3,5-Trimethylbenzene	0.115	0.00200	"	0.100	ND	115	70-130			
Benzene	0.100	0.00200	"	0.100	ND	100	70-130			
Ethylbenzene	0.112	0.00200	"	0.100	ND	112	70-130			
Naphthalene	0.0941	0.0100	"	0.100	0.000700	93.4	70-130			
Toluene	0.102	0.00200	"	0.100	ND	102	70-130			
o-Xylene	0.111	0.00200	"	0.100	ND	111	70-130			
m,p-Xylene	0.221	0.00400	"	0.200	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		94.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.9	70-130			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2618 - EPA 5030 (soil)

Matrix Spike Dup (B2A2618-MSD1)

Source: Y201331-01

Prepared: 01/26/2022 Analyzed: 02/01/2022

1,2,4-Trimethylbenzene	0.115	0.00200	mg/kg	0.100	ND	115	70-130	1.03	20	
1,3,5-Trimethylbenzene	0.114	0.00200	"	0.100	ND	114	70-130	0.542	20	
Benzene	0.108	0.00200	"	0.100	ND	108	70-130	7.67	20	
Ethylbenzene	0.110	0.00200	"	0.100	ND	110	70-130	1.24	20	
Naphthalene	0.110	0.0100	"	0.100	0.000700	109	70-130	15.6	20	
Toluene	0.106	0.00200	"	0.100	ND	106	70-130	4.32	20	
o-Xylene	0.112	0.00200	"	0.100	ND	112	70-130	0.825	20	
m,p-Xylene	0.219	0.00400	"	0.200	ND	110	70-130	0.763	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.3	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.0	70-130			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B2A2404 - NO PREP

Duplicate (B2A2404-DUP1)

Source: Y201379-03

Prepared: 01/24/2022 Analyzed: 01/25/2022

pH 7.81 pH Units 8.04 2.90 25

Batch B2A2405 - NO PREP

Blank (B2A2405-BLK1)

Prepared: 01/24/2022 Analyzed: 01/25/2022

Specific Conductance (EC) 0.000900 0.00500 mmhos/cm

Duplicate (B2A2405-DUP1)

Source: Y201379-03

Prepared: 01/24/2022 Analyzed: 01/25/2022

Specific Conductance (EC) 0.859 0.00500 mmhos/cm 0.745 14.3 25

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch L596105 - 3550B

MSD (L 91172-MSD-L596105)

Source: 91172

Prepared: 01/24/2022 Analyzed: 01/25/2022

Pyrene	0.158	0.00643	mg/Kg	0.167	0.0507	64.2	30-130	7.9	30	
Indeno(1,2,3-cd)pyrene	0.0903	0.00627	"	0.167	91172	54	30-130	4.4	30	
Fluorene	0.386	0.00286	"	0.167	0.261	74.8	30-130	11.7	30	
Fluoranthene	0.116	0.00394	"	0.167	0.00906	64	30-130	2.5	30	
Dibenz(a,h)anthracene	0.107	0.00614	"	0.167	91172	64	30-130	5.4	30	
Chrysene	0.211	0.00624	"	0.167	0.102	65.2	30-130	9.9	30	
Benzo(k)fluoranthene	0.101	0.00437	"	0.167	91172	60.4	30-130	5.2	30	
Naphthalene	0.414	0.00484	"	0.167	0.225	113	30-130	14.1	30	
1-Methylnaphthalene	1.35	0.00364	"	0.167	1.02	198	30-130	16.3	30	*
Benzo(a)pyrene	0.123	0.00468	"	0.167	0.00504	73.6	30-130	0	30	
Benzo(a)anthracene	0.12	0.00493	"	0.167	0.0121	64.6	30-130	10.2	30	
Anthracene	0.101	0.00334	"	0.167	0.0194	48.8	30-130	2.3	30	
Acenaphthene	0.18	0.00304	"	0.167	0.0708	65.3	30-130	10	30	
2-Methylnaphthalene	1.19	0.00645	"	0.167	0.92	162	30-130	11.1	30	*
Benzo(b)fluoranthene	0.109	0.00585	"	0.167	0.00975	59.4	30-130	3.7	30	
Surrogate: 4-Terphenyl-d14	76.2		"	0.333	279	76.2	33-122			
Surrogate: 2-Fluorobiphenyl	58.8		"	0.333	206	58.8	33-115			
Surrogate: Nitrobenzene-d5	65.1		"	0.333	208	65.1	29-110			

MS (L 91172-MS-L596105)

Source: 91172

Prepared: 01/24/2022 Analyzed: 01/25/2022

Chrysene	0.233	0.00624	mg/Kg	0.167	0.102	78.4	30-130			
Benzo(k)fluoranthene	0.0958	0.00437	"	0.167	91172	57.3	30-130			
Benzo(b)fluoranthene	0.105	0.00585	"	0.167	0.00975	57	30-130			
Benzo(a)pyrene	0.123	0.00468	"	0.167	0.00504	73.6	30-130			
Benzo(a)anthracene	0.133	0.00493	"	0.167	0.0121	72.3	30-130			
Dibenz(a,h)anthracene	0.113	0.00614	"	0.167	91172	67.6	30-130			
Acenaphthene	0.199	0.00304	"	0.167	0.0708	76.7	30-130			

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch L596105 - 3550B

MS (L 91172-MS-L596105)

Source: 91172

Prepared: 01/24/2022 Analyzed: 01/25/2022

2-Methylnaphthalene	1.33	0.00645	mg/Kg	0.167	0.92	246	30-130			*
Anthracene	0.0987	0.00334	"	0.167	0.0194	47.4	30-130			
Fluoranthene	0.119	0.00394	"	0.167	0.00906	65.8	30-130			
Fluorene	0.434	0.00286	"	0.167	0.261	104	30-130			
Indeno(1,2,3-cd)pyrene	0.0944	0.00627	"	0.167	91172	56.5	30-130			
Naphthalene	0.477	0.00484	"	0.167	0.225	151	30-130			*
Pyrene	0.171	0.00643	"	0.167	0.0507	72	30-130			
1-Methylnaphthalene	1.59	0.00364	"	0.167	1.02	341	30-130			*
Surrogate: 2-Fluorobiphenyl	58.2		"	0.333	206	58.2	33-115			
Surrogate: 4-Terphenyl-d14	77.4		"	0.333	279	77.4	33-122			
Surrogate: Nitrobenzene-d5	68.7		"	0.333	208	68.7	29-110			

LCS (LCS-L596105)

Prepared: 01/24/2022 Analyzed: 01/25/2022

Fluoranthene	0.0988	0.000394	mg/Kg	0.167		59.1	30-130			
Indeno(1,2,3-cd)pyrene	0.0896	0.000627	"	0.167		53.6	30-130			
1-Methylnaphthalene	0.0892	0.000364	"	0.167		53.4	30-130			
Pyrene	0.0961	0.000643	"	0.167		57.5	30-130			
Fluorene	0.0905	0.000286	"	0.167		54.1	30-130			
Dibenz(a,h)anthracene	0.0967	0.000614	"	0.167		57.9	30-130			
Chrysene	0.0908	0.000624	"	0.167		54.3	30-130			
Benzo(k)fluoranthene	0.0815	0.000437	"	0.167		48.8	30-130			
2-Methylnaphthalene	0.0899	0.000645	"	0.167		53.8	30-130			
Naphthalene	0.0903	0.000484	"	0.167		54	30-130			
Benzo(b)fluoranthene	0.0626	0.000585	"	0.167		37.4	30-130			
Acenaphthene	0.0812	0.000304	"	0.167		48.6	30-130			
Anthracene	0.0904	0.000334	"	0.167		54.1	30-130			
Benzo(a)anthracene	0.0945	0.000493	"	0.167		56.5	30-130			

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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

Martin C Eckert III
 Project Number: [none]
 Project: Noble - LDS White #D 17-2, 8 TB

PAH by 8270D SIM - Quality Control
Waypoint Analytical, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch L596105 - 3550B

LCS (LCS-L596105)

Prepared: 01/24/2022 Analyzed: 01/25/2022

Benzo(a)pyrene	0.0992	0.000468	mg/Kg	0.167		59.4	30-130			
Surrogate: Nitrobenzene-d5	58.8		"	0.333		58.8	29-110			
Surrogate: 2-Fluorobiphenyl	63.3		"	0.333		63.3	33-115			
Surrogate: 4-Terphenyl-d14	66.6		"	0.333		66.6	33-122			

LRB (LRB-L596105)

Prepared: 01/24/2022 Analyzed: 01/25/2022

Chrysene	ND	0.00067	mg/Kg				-			
1-Methylnaphthalene	ND	0.00067	"				-			
Naphthalene	ND	0.00067	"				-			
Indeno(1,2,3-cd)pyrene	ND	0.00067	"				-			
Fluorene	ND	0.00067	"				-			
Fluoranthene	ND	0.00067	"				-			
Dibenz(a,h)anthracene	ND	0.00067	"				-			
Pyrene	ND	0.00067	"				-			
Benzo(k)fluoranthene	ND	0.00067	"				-			
Benzo(b)fluoranthene	ND	0.00067	"				-			
Benzo(a)pyrene	ND	0.00067	"				-			
Benzo(a)anthracene	ND	0.00067	"				-			
Anthracene	ND	0.00067	"				-			
Acenaphthene	ND	0.00067	"				-			
2-Methylnaphthalene	ND	0.00067	"				-			
Surrogate: Nitrobenzene-d5	61.2		"	0.333		61.2	29-110			
Surrogate: 4-Terphenyl-d14	64.5		"	0.333		64.5	33-122			
Surrogate: 2-Fluorobiphenyl	64.5		"	0.333		64.5	33-115			

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jordan A. Merrill For Jen Pellegrini, Project Manager

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

Martin C Eckert III
Project Number: [none]
Project: Noble - LDS White #D 17-2, 8 TB

Notes and Definitions

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

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.