



September 07, 2023

Eagle Environmental Consulting, LLC

Martin C Eckert III

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - Noble - CPC Ferguson Chewy UPRC T5N-R64W-S23L01 TB

Project Number - [none]

Attached are your analytical results for Noble - CPC Ferguson Chewy UPRC T5N-R64W-S23L01 TB received by Origins Laboratory, Inc. August 24, 2023. This project is associated with Origins project number Y308654-01.

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 - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-SS-01@0.5'	Y308654-01	Soil	August 24, 2023 10:15	08/24/2023 16:06
TB-SS-02@0.5'	Y308654-02	Soil	August 24, 2023 10:17	08/24/2023 16:06
TB-SS-03@0.5'	Y308654-03	Soil	August 24, 2023 10:19	08/24/2023 16:06
TB-SS-09@3'	Y308654-04	Soil	August 24, 2023 13:22	08/24/2023 16:06
WV-SS-01@5'	Y308654-05	Soil	August 24, 2023 12:50	08/24/2023 16:06
WV-SS-02@5'	Y308654-06	Soil	August 24, 2023 12:52	08/24/2023 16:06
WV-SS-03@5'	Y308654-07	Soil	August 24, 2023 12:54	08/24/2023 16:06
WV-SS-04@5'	Y308654-08	Soil	August 24, 2023 12:56	08/24/2023 16:06
WV-SS-05@5'	Y308654-09	Soil	August 24, 2023 12:58	08/24/2023 16:06
WV-SS-06@5'	Y308654-10	Soil	August 24, 2023 13:00	08/24/2023 16:06
WV-SS-07@5'	Y308654-11	Soil	August 24, 2023 13:02	08/24/2023 16:06
WV-SS-08@5'	Y308654-12	Soil	August 24, 2023 13:04	08/24/2023 16:06
WV-FS-01@6'	Y308654-13	Soil	August 24, 2023 13:06	08/24/2023 16:06
WV-FS-02@6'	Y308654-14	Soil	August 24, 2023 13:08	08/24/2023 16:06

Origins Laboratory, Inc.



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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 - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

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Jordan A. Bynon, Project Manager

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Martin C Eckert III  
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 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

www.originslaboratory.com  
 page 1 of 1  
**4308654**  
 Project Manager: Martin Eckert III  
 Project Name: 2025 Origins on Chewy UPRC (T5N-R64W-S23L01) Tank Building  
 Client: Eagle Environmental Consulting  
 Address: 8000 W 44th Ave  
 Telephone Number: 303-433-0409  
 Email Address: mec@eagleenv.com  
 Samples Collected By: MCEB

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative	Matrix	Other	Analysis	Sample Instructions
B-5-01-05	08-24-23	015	3	Unpreserved	Soil	X	X	soil sample
B-5-02-05		017		HNO <sub>3</sub>	Soil		X	soil sample
B-5-03-05		019		HCl	Soil		X	soil sample
B-5-04-05		1327		Unpreserved	Soil		X	soil sample
A-5-01-05		1250		Unpreserved	Soil		X	soil sample
A-5-02-05		1252		Unpreserved	Soil		X	soil sample
A-5-03-05		1254		Unpreserved	Soil		X	soil sample
A-5-04-05		1256		Unpreserved	Soil		X	soil sample
A-5-05-05		1258		Unpreserved	Soil		X	soil sample
A-5-06-05		1300		Unpreserved	Soil		X	soil sample

Reinoculated By: benjamine buds  
 Date: 08-24-23  
 Time: 1030  
 Received By: [Signature]  
 Date: 8/24/23  
 Time: 1100  
 Turnaround Time:  Same Day  24 Hr  48 Hr  Standard

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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

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

**Sample Receipt Checklist**


Origins Work Order: 4508054 Client: Eagle  
 Checklist Completed by: JSH Client Project ID: CPC Ferguson Chewy UPRC  
 Date/time completed: 8/25/23 Shipped Via: TJD  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
 Cooler Number/Temperature: 1 / 4 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C  
 Thermometer ID: 7004 Airbill #: N/A

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"/>			
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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTS due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<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 <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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" 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 narrative.

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 8/28/23

Origins Laboratory, Inc.  


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Jordan A. Bynon, Project Manager



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Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-01@0.5'**  
**8/24/2023 10:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0996	mg/L	1	B3H3010	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	91.9 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	100 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	90.3 %		70-130		"	"	"	"	

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T5N-R64W-S23L01 TB

**TB-SS-01@0.5'**  
**8/24/2023 10:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-01 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/28/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

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**TB-SS-01@0.5'**  
**8/24/2023 10:15:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-01 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	94.4 %		60-130		B3H28 20	HJD	08/28/2023	08/28/2023	
Surrogate: Anthracene-d10	101 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	124 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	5.10		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.288	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.0963	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-02@0.5'**  
**8/24/2023 10:17:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.140	0.101	mg/L	1	B3H3010	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	92.1 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	98.8 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.2 %		70-130		"	"	"	"	

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 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-02@0.5'**  
**8/24/2023 10:17:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-02 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.98	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	1.32	0.823	"	"	"	KAP	"	"	
Sodium	0.683	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/28/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

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 Project: Noble - CPC Ferguson Chewy UPRC  
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**TB-SS-02@0.5'**

**8/24/2023 10:17:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-02 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	97.6 %		60-130		B3H28 20	HJD	08/28/2023	08/28/2023	
Surrogate: Anthracene-d10	105 %		60-130		"	"	"	"	"
Surrogate: Benzo (a) pyrene-d12	92.6 %		60-130		"	"	"	"	"
Surrogate: Pyrene-d10	103 %		60-130		"	"	"	"	"

**pH in Soil by 9045D**

pH	8.03		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.466	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.575	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-03@0.5'**  
**8/24/2023 10:19:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.281	0.0998	mg/L	1	B3H3010	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	91.1 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	99.4 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	91.3 %		70-130		"	"	"	"	

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 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-03@0.5'**  
**8/24/2023 10:19:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-03 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	48.7	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	22.6	0.823	"	"	"	KAP	"	"	
Sodium	7.37	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/28/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.



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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-03@0.5'**  
**8/24/2023 10:19:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-03 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	95.9 %		60-130		B3H28 20	HJD	08/28/2023	08/28/2023	
Surrogate: Anthracene-d10	97.3 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	108 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	119 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	7.65		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	1.24	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	7.15	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

TB-SS-09@3'

8/24/2023 1:22:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.102	mg/L	1	B3H3010	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	92.9 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	102 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	89.2 %		70-130		"	"	"	"	

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-09@3'**

**8/24/2023 1:22:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-04 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/28/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**TB-SS-09@3'**

**8/24/2023 1:22:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-04 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	92.3 %		60-130		B3H28 20	HJD	08/28/2023	08/28/2023	
Surrogate: Anthracene-d10	82.7 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	87.0 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	130 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	6.18		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.216	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.0985	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-01@5'**  
**8/24/2023 12:50:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0987	mg/L	1	B3H3010	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	91.5 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	100 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	91.3 %		70-130		"	"	"	"	

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

WV-SS-01@5'  
8/24/2023 12:50:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y308654-05 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/28/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-01@5'**  
**8/24/2023 12:50:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-05 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	92.8 %		60-130		B3H28 20	HJD	08/28/2023	08/28/2023	
Surrogate: Anthracene-d10	105 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	83.5 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	128 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	6.76		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.306	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.104	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-02@5'**  
**8/24/2023 12:52:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.100	mg/L	1	B3H3010	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	91.7 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	98.6 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	91.3 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-02@05'**  
**8/24/2023 12:52:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-06 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/28/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.

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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-02@5'**  
**8/24/2023 12:52:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-06 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	96.2 %		60-130		B3H28 20	HJD	08/28/2023	08/28/2023	
Surrogate: Anthracene-d10	97.7 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	94.4 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	124 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	7.56		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.368	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.115	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.



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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-03@5'**  
**8/24/2023 12:54:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-07 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.100	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	93.7 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	97.0 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	93.6 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

WV-SS-03@5'  
8/24/2023 12:54:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y308654-07 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-03@5'**  
**8/24/2023 12:54:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-07 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	96.8 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	101 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	84.1 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	120 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	7.15		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.431	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.0634	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-04@5'**  
**8/24/2023 12:56:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.100	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	93.8 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	98.5 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	88.1 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

WV-SS-04@5'  
8/24/2023 12:56:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y308654-08 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-04@5'**  
**8/24/2023 12:56:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-08 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	92.8 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	101 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	81.3 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	131 %		60-130		"	"	"	"	S-04

**pH in Soil by 9045D**

pH	7.42		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.389	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.110	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-05@5'**  
**8/24/2023 12:58:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-09 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0995	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	92.5 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	107 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	97.9 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	90.2 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

WV-SS-05@5'  
8/24/2023 12:58:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y308654-09 (Soil)

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-05@5'**  
**8/24/2023 12:58:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-09 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	98.0 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	87.2 %		60-130		"	"	"	"	"
Surrogate: Benzo (a) pyrene-d12	78.2 %		60-130		"	"	"	"	"
Surrogate: Pyrene-d10	130 %		60-130		"	"	"	"	"

**pH in Soil by 9045D**

pH	6.69		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.343	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.0755	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-06@5'**  
**8/24/2023 1:00:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-10 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0992	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

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	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	103 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	99.1 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.7 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-06@5'**  
**8/24/2023 1:00:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-10 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	0.844	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-06@5'**  
**8/24/2023 1:00:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-10 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	93.6 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	87.8 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	92.7 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	112 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	5.72		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.225	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.222	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-07@5'**  
**8/24/2023 1:02:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-11 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0987	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	91.3 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	98.7 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	90.2 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-07@5'**  
**8/24/2023 1:02:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-11 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.47	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	0.940	0.823	"	"	"	KAP	"	"	
Sodium	0.448	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-07@5'**  
**8/24/2023 1:02:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-11 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	96.7 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	106 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	125 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	8.21		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.343	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.430	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-08@5'**  
**8/24/2023 1:04:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-12 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0995	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	95.8 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	0.00660	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	
1,3,5-Trimethylbenzene	0.00308	0.00200	"	"	"	JSM	"	"	
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	1.49	0.200	"	"	"	JSM	"	"	

Surrogate: 1,2-Dichloroethane-d4	108 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	102 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	94.1 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-08@5'**  
**8/24/2023 1:04:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-12 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	0.932	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	ND	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	0.016	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	
2-Methylnaphthalene	0.031	0.002	"	"	"	Windo	"	"	
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.



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Jordan A. Bynon, Project Manager



Eagle Environmental Consulting, LLC  
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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-SS-08@5'**

**8/24/2023 1:04:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-12 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	97.0 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	93.8 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	121 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	7.45		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.197	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.223	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-FS-01@6'**  
**8/24/2023 1:06:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-13 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.194	0.100	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	103 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	0.00330	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	0.00520	0.00200	"	"	"	JSM	"	"	
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	0.00458	0.00200	"	"	"	JSM	"	"	
Xylenes, total	0.00954	0.00200	"	"	"	JSM	"	"	
Gasoline Range Hydrocarbons	0.471	0.200	"	"	"	JSM	"	"	

Surrogate: 1,2-Dichloroethane-d4	109 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	100 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	89.5 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-FS-01@6'**  
**8/24/2023 1:06:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-13 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	2.64	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	0.641	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

WV-FS-01@6'  
8/24/2023 1:06:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
Y308654-13 (Soil)

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	96.5 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	90.4 %		60-130		"	"	"	"	"
Surrogate: Benzo (a) pyrene-d12	102 %		60-130		"	"	"	"	"
Surrogate: Pyrene-d10	123 %		60-130		"	"	"	"	"

**pH in Soil by 9045D**

pH	8.27		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	0.514	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.406	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-FS-02@6'**  
**8/24/2023 1:08:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-14 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.101	mg/L	1	B3H3011	KAP	08/30/2023	09/01/2023	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B3H2801	ZZZ	08/28/2023	09/01/2023	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	91.3 %		50-150		"	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B3H2536	JSM	08/25/2023	08/28/2023	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Benzene	ND	0.00200	"	"	"	JSM	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	JSM	"	"	U
Naphthalene	ND	0.00380	"	"	"	JSM	"	"	U
Toluene	ND	0.00200	"	"	"	JSM	"	"	U
Xylenes, total	ND	0.00200	"	"	"	JSM	"	"	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	JSM	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %		70-130		"	"	"	"	
Surrogate: Toluene-d8	98.3 %		70-130		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	92.0 %		70-130		"	"	"	"	

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**WV-FS-02@6'**  
**8/24/2023 1:08:00PM**

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-14 (Soil)**

**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]	KAP	08/30/2023	09/01/2023	
Magnesium	ND	0.823	"	"	"	KAP	"	"	
Sodium	5.14	0.435	"	"	"	KAP	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B3H2820	Windo	08/28/2023	08/29/2023	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Acenaphthene	ND	0.020	"	"	"	Windo	"	"	U
Anthracene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	Windo	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Chrysene	ND	0.020	"	"	"	Windo	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	Windo	"	"	U
Fluoranthene	ND	0.020	"	"	"	Windo	"	"	U
Fluorene	ND	0.020	"	"	"	Windo	"	"	U
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	Windo	"	"	U
Pyrene	ND	0.020	"	"	"	Windo	"	"	U

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

WV-FS-02@6'

8/24/2023 1:08:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y308654-14 (Soil)**

**PAH by EPA 8270E**

Surrogate: Fluorene-d10	98.1 %		60-130		B3H28 20	HJD	08/28/2023	08/29/2023	
Surrogate: Anthracene-d10	79.8 %		60-130		"	"	"	"	
Surrogate: Benzo (a) pyrene-d12	88.1 %		60-130		"	"	"	"	
Surrogate: Pyrene-d10	94.4 %		60-130		"	"	"	"	

**pH in Soil by 9045D**

pH	8.59		pH Units	1	B3H3016	HJD	08/30/2023	08/31/2023	
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**SAR by 20B Saturated Paste**

SAR	18.9	0.0100	SAR	1	B3H3006	KAP	08/30/2023	09/01/2023	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.646	0.00500	mmhos/cm	1	B3H3016	HJD	08/30/2023	08/31/2023	
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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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Batch B3H2536 - EPA 5030 (soil)

Blank (B3H2536-BLK1)

Prepared: 08/25/2023 Analyzed: 08/27/2023

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	0.13		"	0.125		104	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		93.6	70-130			

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Jordan A. Bynon, Project Manager



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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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Batch B3H2536 - EPA 5030 (soil)

LCS (B3H2536-BS1)

Prepared: 08/25/2023 Analyzed: 08/27/2023

1,2,4-Trimethylbenzene	0.0937	0.00200	mg/kg	0.100		93.7	70-130			
1,3,5-Trimethylbenzene	0.0967	0.00200	"	0.100		96.7	70-130			
Benzene	0.0950	0.00200	"	0.100		95.0	70-130			
Ethylbenzene	0.0951	0.00200	"	0.100		95.1	70-130			
Naphthalene	0.102	0.00380	"	0.100		102	70-130			
Toluene	0.0991	0.00200	"	0.100		99.1	70-130			
o-Xylene	0.0938	0.00200	"	0.100		93.8	70-130			
m,p-Xylene	0.191	0.00400	"	0.200		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		103	70-130			

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 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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Batch B3H2536 - EPA 5030 (soil)

Matrix Spike (B3H2536-MS1)

Source: Y308621-01

Prepared: 08/25/2023 Analyzed: 08/27/2023

1,2,4-Trimethylbenzene	0.0934	0.00200	mg/kg	0.100	ND	93.4	70-130			
1,3,5-Trimethylbenzene	0.0944	0.00200	"	0.100	ND	94.4	70-130			
Benzene	0.0944	0.00200	"	0.100	ND	94.4	70-130			
Ethylbenzene	0.0945	0.00200	"	0.100	0.000420	94.1	70-130			
Naphthalene	0.0973	0.00380	"	0.100	0.000520	96.7	70-130			
Toluene	0.0973	0.00200	"	0.100	ND	97.3	70-130			
o-Xylene	0.101	0.00200	"	0.100	ND	101	70-130			
m,p-Xylene	0.199	0.00400	"	0.200	ND	99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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Batch B3H2536 - EPA 5030 (soil)

Matrix Spike Dup (B3H2536-MSD1)

Source: Y308621-01

Prepared: 08/25/2023 Analyzed: 08/27/2023

1,2,4-Trimethylbenzene	0.100	0.00200	mg/kg	0.100	ND	100	70-130	7.04	20	
1,3,5-Trimethylbenzene	0.100	0.00200	"	0.100	ND	100	70-130	6.22	20	
Benzene	0.102	0.00200	"	0.100	ND	102	70-130	8.03	20	
Ethylbenzene	0.0934	0.00200	"	0.100	0.000420	93.0	70-130	1.19	20	
Naphthalene	0.126	0.00380	"	0.100	0.000520	125	70-130	25.5	20	QR-02
Toluene	0.103	0.00200	"	0.100	ND	103	70-130	5.81	20	
o-Xylene	0.104	0.00200	"	0.100	ND	104	70-130	2.71	20	
m,p-Xylene	0.198	0.00400	"	0.200	ND	99.2	70-130	0.382	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 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
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Batch B3H2801 - EPA 3550B

Blank (B3H2801-BLK1)

Prepared: 08/28/2023 Analyzed: 09/01/2023

Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		96.2	50-150			

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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Batch B3H2801 - EPA 3550B

LCS (B3H2801-BS1)

Prepared: 08/28/2023 Analyzed: 09/01/2023

Diesel (C10-C28)	963	50.0	mg/kg	1000		96.3	70-130			
Residual Range Organics (C28-C40)	946	200	"	1000		94.6	70-130			
Surrogate: o-Terphenyl	47		"	49.8		93.9	50-150			

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 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
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Batch B3H2801 - EPA 3550B

Matrix Spike (B3H2801-MS1)

Source: Y308650-01

Prepared: 08/28/2023 Analyzed: 09/01/2023

Diesel (C10-C28)	968	50.0	mg/kg	1000	ND	96.8	70-130			
Residual Range Organics (C28-C40)	969	200	"	1000	ND	96.9	70-130			
Surrogate: o-Terphenyl	46		"	49.8		92.0	50-150			

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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**Batch B3H2801 - EPA 3550B**

**Matrix Spike Dup (B3H2801-MSD1)**

**Source: Y308650-01**

Prepared: 08/28/2023 Analyzed: 09/01/2023

Diesel (C10-C28)	1020	50.0	mg/kg	1000	ND	102	70-130	4.77	35	
Residual Range Organics (C28-C40)	995	200	"	1000	ND	99.5	70-130	2.69	35	
Surrogate: o-Terphenyl	54		"	49.8		109	50-150			

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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 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
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**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3H2820 - EPA 3580**

**Blank (B3H2820-BLK1)**

Prepared: 08/28/2023 Analyzed: 08/28/2023

1-Methylnaphthalene	ND	0.002	mg/kg							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (g,h,i) perylene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Phenanthrene	ND	0.020	"							U
Pyrene	ND	0.020	"							U
Surrogate: Fluorene-d10	190		ug/kg	200		96.5	60-130			
Surrogate: Anthracene-d10	200		"	200		99.3	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		93.3	60-130			
Surrogate: Pyrene-d10	220		"	200		109	60-130			

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Jordan A. Bynon, Project Manager



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 8000 W 44th Ave  
 Wheat Ridge CO 80033

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3H2820 - EPA 3580**

**LCS (B3H2820-BS1)**

Prepared: 08/28/2023 Analyzed: 08/28/2023

1-Methylnaphthalene	0.218	0.002	mg/kg	0.200	109	70-130
2-Methylnaphthalene	0.200	0.002	"	0.200	100	70-130
Acenaphthene	0.204	0.020	"	0.200	102	70-130
Anthracene	0.200	0.020	"	0.200	99.9	70-130
Benzo (a) anthracene	0.190	0.005	"	0.200	94.9	70-130
Benzo (a) pyrene	0.181	0.020	"	0.200	90.4	70-130
Benzo (b) fluoranthene	0.180	0.020	"	0.200	89.9	70-130
Benzo (g,h,i) perylene	0.198	0.020	"	0.200	98.8	70-130
Benzo (k) fluoranthene	0.209	0.020	"	0.200	105	70-130
Chrysene	0.203	0.020	"	0.200	101	70-130
Dibenz (a,h) anthracene	0.199	0.020	"	0.200	99.5	70-130
Fluoranthene	0.186	0.020	"	0.200	92.9	70-130
Fluorene	0.201	0.020	"	0.200	100	70-130
Indeno (1,2,3-cd) pyrene	0.203	0.020	"	0.200	102	70-130
Naphthalene	0.207	0.002	"	0.200	104	70-130
Phenanthrene	0.191	0.020	"	0.200	95.5	70-130
Pyrene	0.213	0.020	"	0.200	106	70-130
Surrogate: Fluorene-d10	200		ug/kg	200	98.5	60-130
Surrogate: Anthracene-d10	190		"	200	93.4	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200	100	60-130
Surrogate: Pyrene-d10	200		"	200	99.7	60-130

**Matrix Spike (B3H2820-MS1)**

Source: Y308654-01

Prepared: 08/28/2023 Analyzed: 08/28/2023

1-Methylnaphthalene	0.224	0.002	mg/kg	0.200	ND	112	70-130
2-Methylnaphthalene	0.206	0.002	"	0.200	ND	103	70-130
Acenaphthene	0.204	0.020	"	0.200	0.004	100	70-130
Anthracene	0.185	0.020	"	0.200	ND	92.3	70-130

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3H2820 - EPA 3580**

**Matrix Spike (B3H2820-MS1)**

**Source: Y308654-01**

Prepared: 08/28/2023 Analyzed: 08/28/2023

Benzo (a) anthracene	0.193	0.005	mg/kg	0.200	0.001	96.1	70-130			
Benzo (a) pyrene	0.175	0.020	"	0.200	ND	87.3	70-130			
Benzo (b) fluoranthene	0.178	0.020	"	0.200	ND	89.2	70-130			
Benzo (g,h,i) perylene	0.200	0.020	"	0.200	ND	100	70-130			
Benzo (k) fluoranthene	0.205	0.020	"	0.200	ND	103	70-130			
Chrysene	0.206	0.020	"	0.200	ND	103	70-130			
Dibenz (a,h) anthracene	0.189	0.020	"	0.200	ND	94.5	70-130			
Fluoranthene	0.163	0.020	"	0.200	ND	81.3	70-130			
Fluorene	0.196	0.020	"	0.200	ND	97.9	70-130			
Indeno (1,2,3-cd) pyrene	0.198	0.020	"	0.200	0.004	96.8	70-130			
Naphthalene	0.209	0.002	"	0.200	ND	104	70-130			
Phenanthrene	0.188	0.020	"	0.200	0.0003	94.0	70-130			
Pyrene	0.251	0.020	"	0.200	ND	125	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		95.8	60-130			
Surrogate: Anthracene-d10	190		"	200		95.7	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			
Surrogate: Pyrene-d10	240		"	200		121	60-130			

**Matrix Spike Dup (B3H2820-MSD1)**

**Source: Y308654-01**

Prepared: 08/28/2023 Analyzed: 08/28/2023

1-Methylnaphthalene	0.224	0.002	mg/kg	0.200	ND	112	70-130	0.0562	20	
2-Methylnaphthalene	0.200	0.002	"	0.200	ND	100	70-130	2.94	20	
Acenaphthene	0.199	0.020	"	0.200	0.004	97.1	70-130	2.86	20	
Anthracene	0.169	0.020	"	0.200	ND	84.3	70-130	8.98	20	
Benzo (a) anthracene	0.189	0.005	"	0.200	0.001	93.7	70-130	2.51	20	
Benzo (a) pyrene	0.178	0.020	"	0.200	ND	88.9	70-130	1.81	20	
Benzo (b) fluoranthene	0.179	0.020	"	0.200	ND	89.6	70-130	0.473	20	
Benzo (g,h,i) perylene	0.209	0.020	"	0.200	ND	105	70-130	4.37	20	

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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 - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**EPA 8270E (SW846) - Semivolatile Organic Compounds - 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 B3H2820 - EPA 3580

Matrix Spike Dup (B3H2820-MSD1)

Source: Y308654-01

Prepared: 08/28/2023 Analyzed: 08/28/2023

Benzo (k) fluoranthene	0.238	0.020	mg/kg	0.200	ND	119	70-130	14.7	20	
Chrysene	0.200	0.020	"	0.200	ND	99.8	70-130	3.21	20	
Dibenz (a,h) anthracene	0.193	0.020	"	0.200	ND	96.3	70-130	1.97	20	
Fluoranthene	0.161	0.020	"	0.200	ND	80.3	70-130	1.22	20	
Fluorene	0.191	0.020	"	0.200	ND	95.4	70-130	2.61	20	
Indeno (1,2,3-cd) pyrene	0.185	0.020	"	0.200	0.004	90.1	70-130	6.93	20	
Naphthalene	0.204	0.002	"	0.200	ND	102	70-130	2.47	20	
Phenanthrene	0.186	0.020	"	0.200	0.0003	92.7	70-130	1.44	20	
Pyrene	0.248	0.020	"	0.200	ND	124	70-130	0.977	20	
Surrogate: Fluorene-d10	190		ug/kg	200		96.0	60-130			
Surrogate: Anthracene-d10	200		"	200		97.7	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			
Surrogate: Pyrene-d10	230		"	200		117	60-130			

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**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 B3H3006 - Saturated Paste Metals**

**Blank (B3H3006-BLK1)**

Prepared: 08/30/2023 Analyzed: 09/01/2023

SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							

**Duplicate (B3H3006-DUP1)**

Source: Y308650-01

Prepared: 08/30/2023 Analyzed: 09/01/2023

Calcium PPM	15.5	10.0	mg/L		13.8			12.0	50	
SAR	ND	0.0100	SAR		0.966				200	
Magnesium PPM	17.8	10.0	mg/L		16.5			7.63	50	
Sodium PPM	25.8	10.0	"		22.5			13.7	50	

**Batch B3H3010 - DTPA Sorbitol Preparation**

**Blank (B3H3010-BLK1)**

Prepared: 08/30/2023 Analyzed: 09/01/2023

Boron	ND	0.100	mg/L							
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**Duplicate (B3H3010-DUP1)**

Source: Y308654-01

Prepared: 08/30/2023 Analyzed: 09/01/2023

Boron	ND	0.102	mg/L		ND				50	
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**Batch B3H3011 - DTPA Sorbitol Preparation**

**Blank (B3H3011-BLK1)**

Prepared: 08/30/2023 Analyzed: 09/01/2023

Boron	ND	0.100	mg/L							
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**Duplicate (B3H3011-DUP1)**

Source: Y308654-07

Prepared: 08/30/2023 Analyzed: 09/01/2023

Boron	ND	0.0992	mg/L		ND				50	
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Jordan A. Bynon, Project Manager



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

Martin C Eckert III  
 Project Number: [none]  
 Project: Noble - CPC Ferguson Chewy UPRC  
 T5N-R64W-S23L01 TB

**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 B3H3016 - Saturated Paste pH/EC**

**Blank (B3H3016-BLK1)**

Prepared: 08/30/2023 Analyzed: 08/31/2023

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B3H3016-DUP1)** **Source: Y308650-01**

Prepared: 08/30/2023 Analyzed: 08/31/2023

pH 8.34 pH Units 8.33 0.120 25

Specific Conductance (EC) 0.370 0.00500 mmhos/cm 0.346 6.72 25

Origins Laboratory, Inc.

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Jordan A. Bynon, Project Manager

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

Martin C Eckert III  
Project Number: [none]  
Project: Noble - CPC Ferguson Chewy UPRC  
T5N-R64W-S23L01 TB

## Notes and Definitions

- U Sample is Non-Detect.
  - S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
  - QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
  - ND Analyte NOT DETECTED at or above the reporting limit
  - RPD Relative Percent Difference
- All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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