



Eagle Environmental Consulting, LLC

Alfred Garraffa

8000 W 44th Ave

Wheat Ridge CO 80033

December 06, 2024

**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 October 22, 2024. This project is associated with Origins project number E410712-01.

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
303.433.1322
projectmanager@originslab.com





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

Alfred Garraffa
 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
Background-01@0-2.5'	E410712-01	Soil	October 22, 2024 10:05	10/22/2024 15:52
Background-01@2.5-5'	E410712-02	Soil	October 22, 2024 10:05	10/22/2024 15:52
Background-01@5-7.5'	E410712-03	Soil	October 22, 2024 10:08	10/22/2024 15:52
Background-01@7.5-10'	E410712-04	Soil	October 22, 2024 10:08	10/22/2024 15:52
Background-01@17.5-20'	E410712-05	Soil	October 22, 2024 10:18	10/22/2024 15:52
Background-02@0-2.5'	E410712-06	Soil	October 22, 2024 10:45	10/22/2024 15:52
Background-02@2.5-5'	E410712-07	Soil	October 22, 2024 10:45	10/22/2024 15:52
Background-02@5-7.5'	E410712-08	Soil	October 22, 2024 10:48	10/22/2024 15:52
Background-02@7.5-10'	E410712-09	Soil	October 22, 2024 10:48	10/22/2024 15:52
Background-02@17.5-20'	E410712-10	Soil	October 22, 2024 11:00	10/22/2024 15:52
Background-03@0-2.5'	E410712-11	Soil	October 22, 2024 11:47	10/22/2024 15:52
Background-03@2.5-5'	E410712-12	Soil	October 22, 2024 11:47	10/22/2024 15:52
Background-03@5-7.5'	E410712-13	Soil	October 22, 2024 11:50	10/22/2024 15:52
Background-03@7.5-10'	E410712-14	Soil	October 22, 2024 11:50	10/22/2024 15:52

Origins Laboratory

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. Bynon, Project Manager

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

Alfred Garraffa
 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
Background-03@17.5-20'	E410712-15	Soil	October 22, 2024 12:04	10/22/2024 15:52
Background-04@0-2.5'	E410712-16	Soil	October 22, 2024 12:48	10/22/2024 15:52
Background-04@2.5-5'	E410712-17	Soil	October 22, 2024 12:48	10/22/2024 15:52
Background-04@5-7.5'	E410712-18	Soil	October 22, 2024 12:51	10/22/2024 15:52
Background-04@7.5-10'	E410712-19	Soil	October 22, 2024 12:51	10/22/2024 15:52
Background-04@17.5-20'	E410712-20	Soil	October 22, 2024 13:01	10/22/2024 15:52
Background-05@0-2.5'	E410712-21	Soil	October 22, 2024 13:10	10/22/2024 15:52
Background-05@2.5-5'	E410712-22	Soil	October 22, 2024 13:10	10/22/2024 15:52
Background-05@5-7.5'	E410712-23	Soil	October 22, 2024 13:16	10/22/2024 15:52
Background-05@7.5-10'	E410712-24	Soil	October 22, 2024 13:16	10/22/2024 15:52
Background-05@17.5-20'	E410712-25	Soil	October 22, 2024 13:26	10/22/2024 15:52

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033


Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Client: Eagle Environmental Consulting
 Address: 8000 W 44th Ave Ste 800
Wheat Ridge CO 80033
 Telephone Number: 303-433-0479
 Email Address: algarraffa@eagle-consult.com
 Project Manager: Alfred Garraffa
 Project Name: CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB
 Project Number: 4410712
 Collected By: CGJM
 Invoice/Billing Info: Noble / Bill to Don
 SW=Surface Water
 WW=Waste Water
 L=Liquid

S=Soil | SO=Solid | O=Oil | A=Air | Gas= | UMP=Impres | HCl= Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservative	Analysis										Comments	
						As	Ca	Co	Cu	Fe	Mn	Ni	Pb	S	Zn		Other
1	Background-DSD-2	10/21/24	1910	2	UMP	X	X	X	X	X	X	X	X	X	X	X	EC, SR, NH =
2	Background-DSD-2	10/21/24	1910	2	UMP	X	X	X	X	X	X	X	X	X	X	X	Standard for Feq
3	Background-DSD-2	10/21/24	1910	2	UMP	X	X	X	X	X	X	X	X	X	X	X	
4	Background-DSD-2	10/21/24	1910	2	UMP	X	X	X	X	X	X	X	X	X	X	X	
5	Background-DSD-2	10/21/24	1910	2	UMP	X	X	X	X	X	X	X	X	X	X	X	MDS Needed
6	Background-DSD-2	10/21/24	1910	2	UMP	X	X	X	X	X	X	X	X	X	X	X	
7																	
8																	
9																	
10																	

Requisitioned By: John H. H. H. Date: 10/21/24 Time: 1552
 Received By: [Signature] Date: 10/22/24 Time: 1552
 Turnaround Time: SAME DAY 24 Hr 48 Hr 72 Hr
 Standard
 Temp Received: 3, 4 Received On Ice? Yes No

Origins Laboratory


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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 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: E410712 Client: Eagle
 Client Project ID: CPC Ferguson
 Checklist Completed by: JST / LS Shipped Via: TID
 Date/time completed: 10/23/14 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A
 Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____
 Cooler Number/Temperature: 1 3.4 °C / _____ °C / _____ °C (Describe) _____ °C
 Thermometer ID: 1004

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	/			
Is there ice present (document if blue ice is used)	/			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		/		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		/		
Were all samples received intact ⁽¹⁾ ?	/			
Was adequate sample volume provided ⁽¹⁾ ?	/			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		/		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	/			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	/			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	/			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	/			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			/	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)(pH ≤ 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			/	
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 AJ (Project Manager)

10/25/14
 Date/Time Reviewed

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-01@0-2.5'
10/22/2024 10:05:00AM

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

Origins Laboratory
E410712-01 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0993	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.974		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.14			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.286		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.340		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-01@2.5-5'
10/22/2024 10:05:00AM

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

Origins Laboratory
E410712-02 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.39			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.558		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0855		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-01@5-7.5'
10/22/2024 10:08:00AM

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

Origins Laboratory
E410712-03 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.102	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"

pH in Soil by 9045D

pH	7.22			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.298		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0700		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.89		0.282	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	41.1		9.74	"	"	"	"	"	"
Cadmium	ND		0.0974	"	"	"	"	"	"

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-01@5-7.5'
10/22/2024 10:08:00AM

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

Origins Laboratory
E410712-03 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		9.74	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.97		0.974	"	"	"	"	"	
Nickel	3.91		0.974	"	"	"	"	"	
Selenium	ND		0.253	"	"	"	"	"	
Silver	ND		0.0974	"	"	"	"	"	
Zinc	ND		36.0	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.115	0.288	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Background-01@7.5-10'

10/22/2024 10:08:00AM

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

**Origins Laboratory
E410712-04 (Soil)**

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.28			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.198		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.103		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	0.948		0.250	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	25.4		8.61	"	"	"	"	"	
Cadmium	ND		0.0861	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-01@7.5-10'

10/22/2024 10:08:00AM

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

**Origins Laboratory
 E410712-04 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.61	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	2.53		0.861	"	"	"	"	"	
Nickel	1.88		0.861	"	"	"	"	"	
Selenium	ND		0.224	"	"	"	"	"	
Silver	ND		0.0861	"	"	"	"	"	
Zinc	ND		31.9	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.161	0.402	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Background-01@17.5-20'

10/22/2024 10:18:00AM

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

**Origins Laboratory
E410712-05 (Soil)**

Boron (DTPA Sorbitol)

Boron	ND		0.0993	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.57			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.492		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0566		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.21		0.245	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	26.2		8.46	"	"	"	"	"	
Cadmium	ND		0.0846	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-01@17.5-20'

10/22/2024 10:18:00AM

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

**Origins Laboratory
 E410712-05 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.46	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	3.49		0.846	"	"	"	"	"	
Nickel	2.16		0.846	"	"	"	"	"	
Selenium	ND		0.220	"	"	"	"	"	
Silver	ND		0.0846	"	"	"	"	"	
Zinc	ND		31.3	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.121	0.301	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Background-02@0-2.5'
10/22/2024 10:45:00AM

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

Origins Laboratory
E410712-06 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.102	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	6.08			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.367		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.208		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-02@2.5-5'
10/22/2024 10:45:00AM

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

Origins Laboratory
E410712-07 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.01			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.209		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0656		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-02@5-7.5'
10/22/2024 10:48:00AM

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

Origins Laboratory
E410712-08 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.24			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.256		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0352		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.80		0.253	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	44.6		8.73	"	"	"	"	"	
Cadmium	ND		0.0873	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-02@5-7.5'
10/22/2024 10:48:00AM

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

Origins Laboratory
E410712-08 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		8.73	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	5.18		0.873	"	"	"	"	"	
Nickel	3.78		0.873	"	"	"	"	"	
Selenium	ND		0.227	"	"	"	"	"	
Silver	ND		0.0873	"	"	"	"	"	
Zinc	37.5		32.3	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.154	0.386	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-02@7.5-10'
10/22/2024 10:48:00AM

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

Origins Laboratory
E410712-09 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.100	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.25			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.206		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0650		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.83		0.273	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	29.6		9.40	"	"	"	"	"	
Cadmium	ND		0.0940	"	"	"	"	"	

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-02@7.5-10'

10/22/2024 10:48:00AM

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

**Origins Laboratory
 E410712-09 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		9.40	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.65		0.940	"	"	"	"	"	
Nickel	3.27		0.940	"	"	"	"	"	
Selenium	ND		0.244	"	"	"	"	"	
Silver	ND		0.0940	"	"	"	"	"	
Zinc	ND		34.8	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.137	0.343	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Background-02@17.5-20'
10/22/2024 11:00:00AM

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

Origins Laboratory
E410712-10 (Soil)

Boron (DTPA Sorbitol)

Boron	ND	0.101	mg/L	1	B4J2517	10/25/2024	10/28/2024
-------	----	-------	------	---	---------	------------	------------

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	ND	0.435	"	"	"	"	"

pH in Soil by 9045D

pH	7.44		pH Units	1	B4J2819	10/28/2024	10/29/2024
----	------	--	----------	---	---------	------------	------------

SAR by 20B Saturated Paste

SAR	0.450	0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024
-----	-------	--------	-----	---	---------	------------	------------

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0711	0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024
---------------------------	--------	---------	----------	---	---------	------------	------------

Table 915 metals by EPA 6020B

Arsenic	1.00	0.247	mg/kg	10	B4J2335	10/23/2024	10/28/2024
Barium	23.5	8.50	"	"	"	"	"
Cadmium	ND	0.0850	"	"	"	"	"

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-02@17.5-20'

10/22/2024 11:00:00AM

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

**Origins Laboratory
 E410712-10 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.50	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	2.70		0.850	"	"	"	"	"	
Nickel	2.05		0.850	"	"	"	"	"	
Selenium	ND		0.221	"	"	"	"	"	
Silver	ND		0.0850	"	"	"	"	"	
Zinc	ND		31.5	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.104	0.260	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-03@0-2.5'
10/22/2024 11:47:00AM

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

Origins Laboratory
E410712-11 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.100	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	1.20		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	6.17			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.443		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.660		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-03@2.5-5'
10/22/2024 11:47:00AM

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

Origins Laboratory
E410712-12 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0985	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.00			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.287		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0901		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Background-03@5-7.5'
10/22/2024 11:50:00AM

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

Origins Laboratory
E410712-13 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0984	mg/L	1	B4J2517	10/25/2024	10/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.21			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.230		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0603		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.89		0.251	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	41.6		8.66	"	"	"	"	"	
Cadmium	ND		0.0866	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-03@5-7.5'

10/22/2024 11:50:00AM

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

**Origins Laboratory
 E410712-13 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.66	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	5.14		0.866	"	"	"	"	"	
Nickel	3.96		0.866	"	"	"	"	"	
Selenium	ND		0.225	"	"	"	"	"	
Silver	ND		0.0866	"	"	"	"	"	
Zinc	ND		32.1	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.0965	0.241	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	--------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Background-03@7.5-10'

10/22/2024 11:50:00AM

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

**Origins Laboratory
E410712-14 (Soil)**

Boron (DTPA Sorbitol)

Boron	ND		0.0985	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.05			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.241		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.121		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.77		0.262	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	37.2		9.03	"	"	"	"	"	
Cadmium	ND		0.0903	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-03@7.5-10'

10/22/2024 11:50:00AM

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

**Origins Laboratory
 E410712-14 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		9.03	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.60		0.903	"	"	"	"	"	
Nickel	2.96		0.903	"	"	"	"	"	
Selenium	ND		0.235	"	"	"	"	"	
Silver	ND		0.0903	"	"	"	"	"	
Zinc	ND		33.4	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.146	0.366	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-03@17.5-20'
10/22/2024 12:04:00PM

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

Origins Laboratory
E410712-15 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.30			pH Units	1	B4J2819	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.999		0.0100	SAR	1	B4J2812	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0649		0.00500	mmhos/cm	1	B4J2819	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	0.758		0.244	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	33.7		8.42	"	"	"	"	"	
Cadmium	ND		0.0842	"	"	"	"	"	

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-03@17.5-20'

10/22/2024 12:04:00PM

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

Origins Laboratory
E410712-15 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		8.42	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	2.46		0.842	"	"	"	"	"	
Nickel	2.56		0.842	"	"	"	"	"	
Selenium	ND		0.219	"	"	"	"	"	
Silver	ND		0.0842	"	"	"	"	"	
Zinc	ND		31.2	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.123	0.307	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@0-2.5'
10/22/2024 12:48:00PM

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

Origins Laboratory
E410712-16 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.838		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.791		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	6.24			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.970		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.329		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@2.5-5'
10/22/2024 12:48:00PM

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

Origins Laboratory
E410712-17 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.100	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.19			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.326		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.103		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@5-7.5'
10/22/2024 12:51:00PM

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

Origins Laboratory
E410712-18 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.100	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"

pH in Soil by 9045D

pH	7.32			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.318		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0908		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.75		0.265	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	43.4		9.13	"	"	"	"	"	"
Cadmium	ND		0.0913	"	"	"	"	"	"

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@5-7.5'
10/22/2024 12:51:00PM

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

Origins Laboratory
E410712-18 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		9.13	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	6.71		0.913	"	"	"	"	"	
Nickel	4.05		0.913	"	"	"	"	"	
Selenium	ND		0.237	"	"	"	"	"	
Silver	ND		0.0913	"	"	"	"	"	
Zinc	ND		33.8	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.103	0.258	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@7.5-10'
10/22/2024 12:51:00PM

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

Origins Laboratory
E410712-19 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.711		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.03			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.295		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.200		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.58		0.254	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	35.0		8.75	"	"	"	"	"	
Cadmium	ND		0.0875	"	"	"	"	"	

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@7.5-10'

10/22/2024 12:51:00PM

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

**Origins Laboratory
 E410712-19 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.75	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.57		0.875	"	"	"	"	"	
Nickel	3.08		0.875	"	"	"	"	"	
Selenium	ND		0.227	"	"	"	"	"	
Silver	ND		0.0875	"	"	"	"	"	
Zinc	ND		32.4	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.123	0.309	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@17.5-20'

10/22/2024 1:01:00PM

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

**Origins Laboratory
 E410712-20 (Soil)**

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.58			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.837		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.125		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	0.915		0.251	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	30.1		8.67	"	"	"	"	"	
Cadmium	ND		0.0867	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-04@17.5-20'

10/22/2024 1:01:00PM

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

**Origins Laboratory
 E410712-20 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.67	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	2.73		0.867	"	"	"	"	"	
Nickel	2.15		0.867	"	"	"	"	"	
Selenium	ND		0.225	"	"	"	"	"	
Silver	ND		0.0867	"	"	"	"	"	
Zinc	ND		32.1	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.137	0.343	mg/kg dry	1	2710617	11/22/2024	11/26/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@0-2.5'
10/22/2024 1:10:00PM

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

Origins Laboratory
E410712-21 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.100	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	6.09			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.247		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.253		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory

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. Bynon, Project Manager

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

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@2.5-5'
10/22/2024 1:10:00PM

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

Origins Laboratory
E410712-22 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.14			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.378		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0873		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@5-7.5'
10/22/2024 1:16:00PM

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

Origins Laboratory
E410712-23 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.621		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.33			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.393		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.198		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.24		0.243	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	31.7		8.39	"	"	"	"	"	
Cadmium	ND		0.0839	"	"	"	"	"	

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@5-7.5'
10/22/2024 1:16:00PM

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

Origins Laboratory
E410712-23 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		8.39	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.04		0.839	"	"	"	"	"	
Nickel	2.90		0.839	"	"	"	"	"	
Selenium	ND		0.218	"	"	"	"	"	
Silver	ND		0.0839	"	"	"	"	"	
Zinc	ND		31.1	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.147	0.367	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@7.5-10'

10/22/2024 1:16:00PM

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

**Origins Laboratory
 E410712-24 (Soil)**

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.16			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.327		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.144		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.30		0.254	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	35.7		8.75	"	"	"	"	"	
Cadmium	ND		0.0875	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@7.5-10'

10/22/2024 1:16:00PM

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

**Origins Laboratory
 E410712-24 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		8.75	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.52		0.875	"	"	"	"	"	
Nickel	3.30		0.875	"	"	"	"	"	
Selenium	ND		0.228	"	"	"	"	"	
Silver	ND		0.0875	"	"	"	"	"	
Zinc	ND		32.4	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.117	0.292	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	-------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@17.5-20'

10/22/2024 1:26:00PM

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

**Origins Laboratory
 E410712-25 (Soil)**

Boron (DTPA Sorbitol)

Boron	ND		0.0988	mg/L	1	B4J2518	10/25/2024	10/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	10/28/2024	10/29/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.70			pH Units	1	B4J2820	10/28/2024	10/29/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	0.657		0.0100	SAR	1	B4J2813	10/28/2024	10/29/2024	
-----	-------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.0972		0.00500	mmhos/cm	1	B4J2820	10/28/2024	10/29/2024	
---------------------------	--------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.25		0.263	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Barium	36.9		9.05	"	"	"	"	"	
Cadmium	ND		0.0905	"	"	"	"	"	

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Background-05@17.5-20'

10/22/2024 1:26:00PM

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

**Origins Laboratory
 E410712-25 (Soil)**

Table 915 metals by EPA 6020B

Copper	ND		9.05	mg/kg	10	B4J2335	10/23/2024	10/28/2024	
Lead	4.56		0.905	"	"	"	"	"	
Nickel	2.53		0.905	"	"	"	"	"	
Selenium	ND		0.235	"	"	"	"	"	
Silver	ND		0.0905	"	"	"	"	"	
Zinc	ND		33.5	"	"	"	"	"	

Total Metals 7196A

Hexavalent Chromium	ND	0.0843	0.211	mg/kg dry	1	2710620	11/22/2024	11/25/2024	hU
---------------------	----	--------	-------	-----------	---	---------	------------	------------	----

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Metals by EPA 6000/7000 Series Methods - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2335 - EPA 3050B										
Blank (B4J2335-BLK1)					Prepared: 10/23/2024 Analyzed: 10/28/2024					
Arsenic	ND	0.290	mg/kg							
LCS (B4J2335-BS1)					Prepared: 10/23/2024 Analyzed: 10/28/2024					
Arsenic	5.58	0.290	mg/kg	5.00		112	80-120			
Matrix Spike (B4J2335-MS1)					Source: E410707-04 Prepared: 10/23/2024 Analyzed: 10/28/2024					
Arsenic	6.52	0.243	mg/kg	4.19	2.25	102	75-125			
Matrix Spike Dup (B4J2335-MSD1)					Source: E410707-04 Prepared: 10/23/2024 Analyzed: 10/28/2024					
Arsenic	6.76	0.246	mg/kg	4.23	2.25	107	75-125	3.64	20	

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4J2517 - DTPA Sorbitol Preparation										
Blank (B4J2517-BLK1)					Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4J2517-DUP1)		Source: E410712-01			Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	0.0837	0.0987	mg/L		0.0866			3.38	50	
Batch B4J2518 - DTPA Sorbitol Preparation										
Blank (B4J2518-BLK1)					Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4J2518-DUP1)		Source: E410712-14			Prepared: 10/25/2024 Analyzed: 10/28/2024					
Boron	0.0332	0.101	mg/L		0.0339			2.07	50	
Batch B4J2812 - Saturated Paste Metals										
Blank (B4J2812-BLK1)					Prepared: 10/28/2024 Analyzed: 10/29/2024					
SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
Duplicate (B4J2812-DUP1)		Source: E410712-01			Prepared: 10/28/2024 Analyzed: 10/29/2024					
SAR	ND	0.0100	SAR		0.286				200	
Calcium PPM	12.1	10.0	mg/L		19.5			46.7	50	
Magnesium PPM	3.89	10.0	"		5.05			26.0	50	
Sodium PPM	6.05	10.0	"		5.48			9.89	50	

Origins Laboratory

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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Classical Chemistry Parameters - Quality Control
Origins Laboratory

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

Batch B4J2813 - Saturated Paste Metals

Blank (B4J2813-BLK1)

Prepared: 10/28/2024 Analyzed: 10/29/2024

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

Duplicate (B4J2813-DUP1)

Source: E410712-16

Prepared: 10/28/2024 Analyzed: 10/29/2024

Calcium PPM	17.2	10.0	mg/L		16.8			2.35	50	
SAR	ND	0.0100	SAR		0.970				200	
Magnesium PPM	6.26	10.0	mg/L		5.98			4.58	50	
Sodium PPM	17.8	10.0	"		18.2			1.89	50	

Origins Laboratory

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. Bynon, Project Manager



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

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Saturated Paste - Quality Control
Origins Laboratory

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

Batch B4J2819 - Saturated Paste pH/EC

Blank (B4J2819-BLK1)

Prepared: 10/28/2024 Analyzed: 10/29/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4J2819-DUP1)

Source: E410712-01

Prepared: 10/28/2024 Analyzed: 10/29/2024

pH	6.68		pH Units	7.14			6.66	25	
Specific Conductance (EC)	0.257	0.00500	mmhos/cm	0.340			27.9	25	QR-DUP

Batch B4J2820 - Saturated Paste pH/EC

Blank (B4J2820-BLK1)

Prepared: 10/28/2024 Analyzed: 10/29/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B4J2820-DUP1)

Source: E410712-16

Prepared: 10/28/2024 Analyzed: 10/29/2024

Specific Conductance (EC)	0.366	0.00500	mmhos/cm	0.329			10.6	25	
pH	6.25		pH Units	6.24			0.160	25	

Origins Laboratory

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. Bynon, Project Manager

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

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Total Metals 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2710620 - SW846 3060A										
BLANK (1205929067-BLK)					Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	ND	0.309	mg/kg				-			U
LCS (1205929068-BKS)					Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	3.06	0.305	mg/kg	3.05		100	80-120			
DUP (1205929069 D)					Source: E410712-14 Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	ND	0.278	mg/kg dry		<0.111		0-50	N/A	50	hU
MS (1205929070 S)					Source: E410712-14 Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	3.22	0.333	mg/kg dry	3.33	<0.133	94.2	75-125			h
DUP (1205929071 D)					Source: 692164002 Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	ND	0.337	mg/kg dry		<0.135		0-50	N/A	50	U
MS (1205929072 S)					Source: 692164002 Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	2.70	0.341	mg/kg dry	3.41	<0.137	78	75-125			
ILCS (1205929073-ILCS)					Prepared: 11/22/2024 Analyzed: 11/25/2024					
Hexavalent Chromium	7.46	0.344	mg/kg	6.92		108	80-120			

Origins Laboratory



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, LLC
 8000 W 44th Ave
 Wheat Ridge CO 80033

Alfred Garraffa
 Project Number: [none]
 Project: Noble - CPC Ferguson Chewy UPRC
 T5N-R64W-S23L01 TB

Total Metals 7196A - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2710617 - SW846 3060A										
BLANK (1205929054-BLK)					Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	ND	0.266	mg/kg				-			U
LCS (1205929055-BKS)					Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	3.63	0.358	mg/kg	3.58		101	80-120			
DUP (1205929056 D)					Source: E410712-03 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	ND	0.319	mg/kg dry		<0.128		0-50	N/A	50	hU
MS (1205929057 S)					Source: E410712-03 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	3.44	0.360	mg/kg dry	3.60	<0.144	94.1	75-125			h
DUP (1205929058 D)					Source: 694413003 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	ND	0.370	mg/kg dry		<0.148		0-50	N/A	50	hU
MS (1205929059 S)					Source: 694413003 Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	3.08	0.449	mg/kg dry	4.49	<0.180	68	75-125			h
ILCS (1205929248-ILCS)					Prepared: 11/22/2024 Analyzed: 11/26/2024					
Hexavalent Chromium	8.02	0.361	mg/kg	7.24		111	80-120			

Origins Laboratory

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, LLC
8000 W 44th Ave
Wheat Ridge CO 80033

Alfred Garraffa
Project Number: [none]
Project: Noble - CPC Ferguson Chewy UPRC
T5N-R64W-S23L01 TB

Notes and Definitions

U Result not detected above the detection limit

QR-DUP RPD exceeds QC acceptance criteria, this indicates source sample is not homogenous.

hU [Undefined]

h Preparation or preservation holding time was exceeded

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



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.