

FIGURES

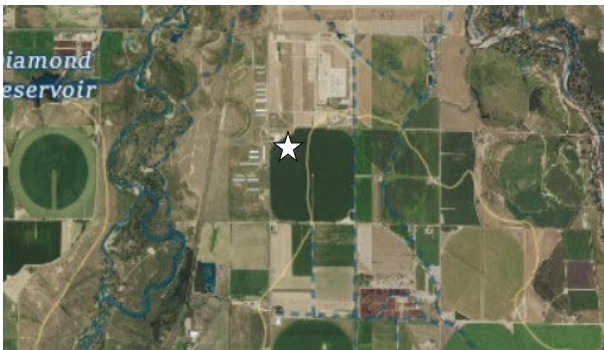


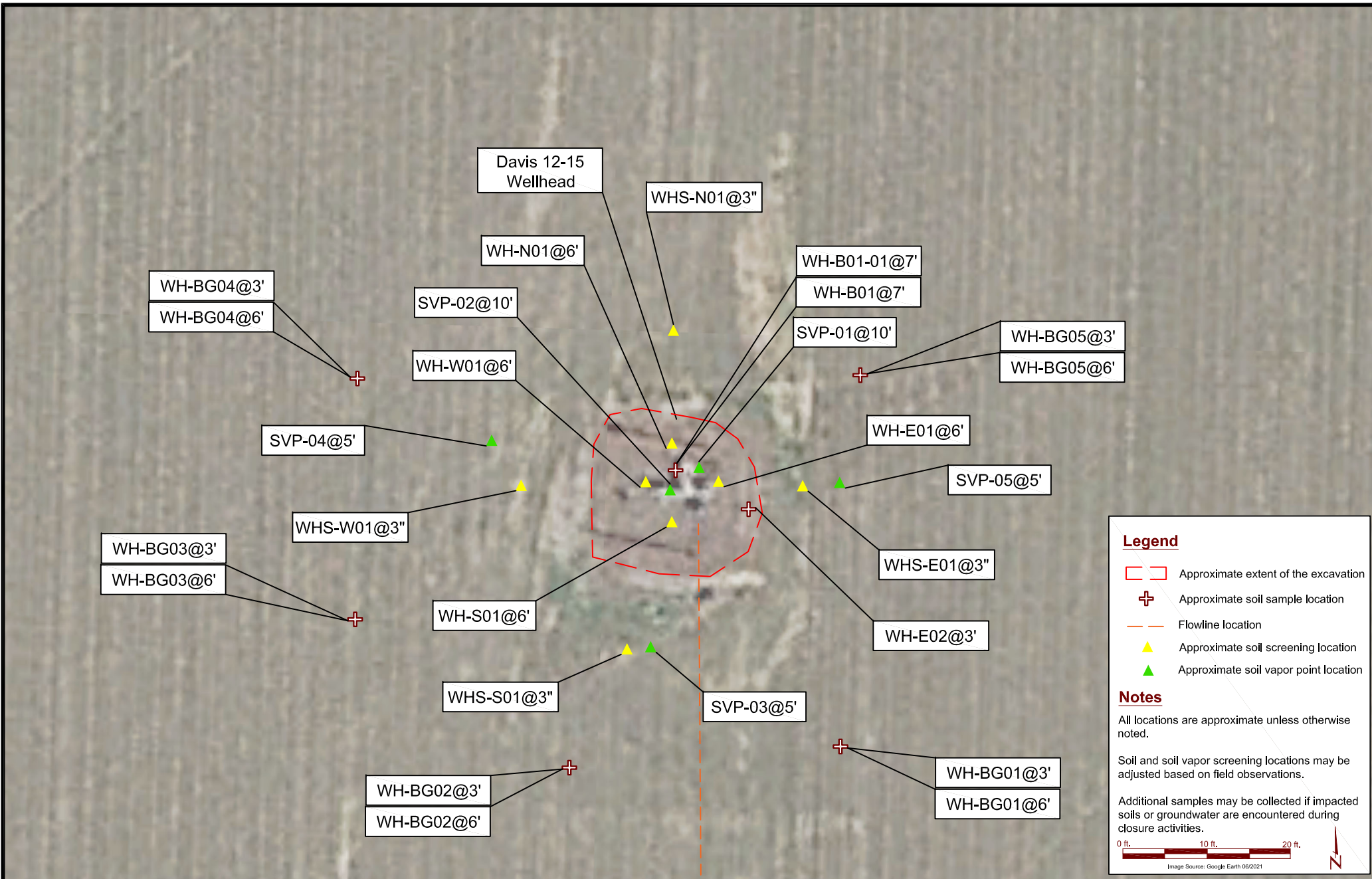
Figure 1

Site Location Map
 Kerr-McGee Oil and Gas Onshore LP
 Davis 12-15
 NWSW Sec. 15-T3N-R67W
 Weld County, Colorado



Source: USGS 7.5 Minute Topographic Map, Gowanda, CO Quadrangle

Drawn By: CB Date: 10/31/2023



DATE: April 24, 2024

DESIGNED BY: D. Coloccla

DRAWN BY: B. Bates





Kerr-McGee Oil and Gas Onshore LP
Davis 12-15 Wellhead
 NWSW Sec. 15-T3N-R67W
 Weld County, Colorado

Screening and Sample
 Location Map

Figure
 2



Legend

-  Approximate soil sample location
-  Davis 12-15 flowline location

Notes


All locations are approximate unless otherwise noted.

Soil and soil vapor screening locations may be adjusted based on field observations.

Additional samples may be collected if impacted soils or groundwater are encountered during closure activities.

0 ft. 300 ft. 600 ft.

Image Source: Google Earth 06/2021



DATE:	May 8th, 2024
DESIGNED BY:	D. Coloccia
DRAWN BY:	C. Bilas



EAGLE
ENVIRONMENTAL
CONSULTING, LLC

8000 W 44th Ave, Wheat Ridge, CO 80233
Ph: 303-433-0479 · F: 303-325-5449

Kerr-McGee Oil and Gas Onshore LP
Davis 12-15 Flowline
 NWSW Sec. 15-T3N-R67W
 Weld County, Colorado

Screening and Sample
Location Map

Figure
3

TABLES

TABLE 1
DAVIS 12-15
SOIL SAMPLE FIELD DATA SUMMARY TABLE
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Approximate Depth (feet bgs)	PID (ppm-v)	Visual Observation	Olfactory Observation	Latitude, Longitude	Submitted for Lab Analysis (Y/N)
Wellhead Soil Samples							
WH-B01 @ 7'	3/8/2024	7	2.6	N/S	N/O	40.2239921217829, -104.884033094117	Y
WH-B01-01 @ 7'	3/8/2024	7	2.6	N/S	N/O	40.2240017474322, -104.884036413998	Y
WH-N01 @ 6'	3/8/2024	6	0.4	N/S	N/O	40.2239864879103, -104.884011981793	N
WH-S01 @ 6'	3/8/2024	6	0.3	N/S	N/O	40.2239803388901, -104.884043561196	N
WH-E01 @ 6'	3/8/2024	6	2.0	N/S	N/O	40.2239986137274, -104.884022142256	N
WH-W01 @ 6'	3/8/2024	6	2.3	N/S	N/O	40.2240028042197, -104.884059349411	N
WHS-N01 @ 3"	3/8/2024	0.25	0.4	N/S	N/O	40.2240497659111, -104.884049613993	N
WHS-S01 @ 3"	3/8/2024	0.25	0.6	N/S	N/O	40.2239280045491, -104.8840810337	N
WHS-E01 @ 3"	3/8/2024	0.25	0.9	N/S	N/O	40.223978630715, -104.883986114986	N
WHS-W01 @ 3"	3/8/2024	0.25	0.3	N/S	N/O	40.2239839405161, -104.884088063896	N
WH-E02 @ 3'	4/18/2024	3	1.2	N/S	N/O	40.22397412530472, -104.88400493357892	Y
Flowline Soil Samples							
FL-B01 @ 3'	3/8/2024	3	1.2	N/S	N/O	40.2239898261179, -104.88402401173	Y
FL-B01-01 @ 3'	3/8/2024	3	1.2	N/S	N/O	40.2239885389479, -104.884010031802	Y
FL-B02 @ 3'	5/7/2024	3	6.1	N/S	N/O	40.2185398462706, -104.877807091358	Y
Wellhead Background Soil Samples							
WH-BG01 @ 3'	3/8/2024	3	1.5	N/S	N/O	40.2239033973906, -104.884102419779	Y
WH-BG01 @ 6'	3/8/2024	6	1.3	N/S	N/O	40.2239033973906, -104.884102419779	Y
WH-BG02 @ 3'	3/8/2024	3	1.3	N/S	N/O	40.2239005736826, -104.884115166304	Y
WH-BG02 @ 6'	3/8/2024	6	1.2	N/S	N/O	40.2239005736826, -104.884115166304	Y
WH-BG03 @ 3'	3/8/2024	3	1.2	N/S	N/O	40.2239505380194, -104.884189957296	Y
WH-BG03 @ 6'	3/8/2024	6	1.0	N/S	N/O	40.2239505380194, -104.884189957296	Y
WH-BG04 @ 3'	3/8/2024	3	0.9	N/S	N/O	40.2240263085347, -104.88415731438	Y
WH-BG04 @ 6'	3/8/2024	6	0.7	N/S	N/O	40.2240263085347, -104.88415731438	Y
WH-BG05 @ 3'	3/8/2024	3	0.6	N/S	N/O	40.2240309370991, -104.884002439086	Y
WH-BG05 @ 6'	3/8/2024	6	0.6	N/S	N/O	40.2240309370991, -104.884002439086	Y
WH-BG04 @ 3' (Ulrich 22-2L Wellhead)	2/22/2024	3	1.8	N/S	N/O	40.2160506108081, -104.874747726754	Y

bgs = below ground surface
 PID = photoionization detector
 ppm-v = parts per million by volume
BOLD = ECMC Table 915-1 exceedance

N/S = No Staining
 N/O = No Odor



TABLE 2
DAVIS 12-15
SOIL SAMPLE RESULTS SUMMARY TABLE - VOCs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Naphthalene (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
<i>ECMC standards for soil (mg/kg) ⁽¹⁾</i>		0.0026	0.69	0.78	9.9	500			0.0038	0.0081	0.0087
<i>ECMC standards for soil (mg/kg) ⁽²⁾</i>		1.2	490	5.8	58	500			2	30	27
Wellhead Soil Samples											
WH-B01 @ 7'	03/08/24	<0.00200	<0.00200	<0.00200	<0.00200	<0.200	<25.0	<100	<0.002	<0.00200	<0.00200
WH-E02 @ 3'	04/18/24	NA	NA	NA	NA	<0.200	<25.0	<100	<0.002	<0.00200	NA
Flowline Soil Samples											
FL-B01 @ 3'	03/08/24	<0.00200	<0.00200	<0.00200	<0.00200	87.9	679	<100	6.28	0.0563	<0.00200
FL-B02 @ 3'	05/07/24	<0.00200	<0.00200	<0.00200	<0.00200	2.62	65.4	<100	<0.002	<0.00200	<0.00200

Notes:

⁽¹⁾ ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

⁽²⁾ ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

< = Analytical result is less than the laboratory reporting limit

mg/kg = milligrams per kilogram

NA = Not Analysed

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations

TPH-GRO = Total petroleum hydrocarbons - gasoline range organics

TPH-DRO = Total petroleum hydrocarbons - diesel range organics

TPH-ORO = Total petroleum hydrocarbons - oil range organics

TMB = Trimethylbenzene

TABLE 3
DAVIS 12-15
SOIL SAMPLE RESULTS SUMMARY TABLE - SOIL SUITABILITY FOR RECLAMATION
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Depth (ft. bgs)	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
<i>ECMC standards for soil (mg/kg) ⁽¹⁾</i>			6 - 8.3	<6	<4	2
Wellhead Soil Samples						
WH-B01 @ 7'	3/8/2024	7	8.14	3.07	0.510	0.210
WH-B01-01@7'	3/8/2024	7	8.25	NA	NA	NA
Flowline Soil Samples						
FL-B01 @ 3'	3/8/2024	3	8.00	2.79	0.599	0.249
FL-B01-01 @ 3'	3/8/2024	3	7.82	NA	NA	NA
Wellhead Background Soil Samples						
WH-BG01 @ 3'	3/8/2024	3	7.92	5.37	0.474	0.183
WH-BG01 @ 6'	3/8/2024	6	7.95	5.26	0.687	0.218
WH-BG02 @ 3'	3/8/2024	3	7.86	5.01	0.358	0.231
WH-BG02 @ 6'	3/8/2024	6	7.84	4.65	0.391	0.185
WH-BG03 @ 3'	3/8/2024	3	7.90	5.32	0.332	0.184
WH- BG03 @ 6'	3/8/2024	6	7.78	3.26	0.316	0.171
WH-BG04 @ 3'	3/8/2024	3	7.77	3.67	0.512	0.212
WH-BG04 @ 6'	3/8/2024	6	7.92	4.78	0.350	0.144
WH-BG05 @ 3'	3/8/2024	3	7.85	5.50	0.271	0.123
WH-BG05 @ 6'	3/8/2024	6	7.46	3.38	0.378	<0.0991

Notes:

⁽¹⁾ Standards for soil are taken from ECMC Table 915-1, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reporting limit

ft. bgs = Feet below ground surface

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

SAR = Sodium Absorption Ratio

EC = Electrical Conductivity

TABLE 4
DAVIS 12-15
SOIL SAMPLE RESULTS SUMMARY TABLE - PAHs
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	1-Methyl-naphthalene (mg/kg)	2-Methyl-naphthalene (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo(a)-anthracene (mg/kg)	Benzo(a)-pyrene (mg/kg)	Benzo(b)-fluoranthene (mg/kg)	Benzo(k)-fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo(a,h)-anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Ideno(1,2,3-cd)-pyrene (mg/kg)	Pyrene (mg/kg)
<i>ECMC standards for soil (mg/kg) ⁽¹⁾</i>		0.006	0.019	0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3
<i>ECMC standards for soil (mg/kg) ⁽²⁾</i>		18	24	360	1,800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180
<i>Wellhead Soil Samples</i>															
WH-B01 @ 7'	3/8/2024	<0.002	<0.002	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
WH-E02 @ 3'	4/18/2024	<0.002	<0.002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<i>Flowline Soil Samples</i>															
FL-B01 @ 3'	3/8/2024	1.32	2.96	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
FL-B02 @ 3'	5/7/2024	0.035	0.049	<0.020	<0.020	<0.005	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	0.030	<0.020	<0.020

Notes:
⁽¹⁾ Standards are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021
⁽²⁾ Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit
mg/kg = milligrams per kilogram
PAH = Polycyclic Aromatic Hydrocarbons
NA = Not Analysed
Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations

TABLE 5
DAVIS 12-15
SOIL SAMPLE RESULTS SUMMARY TABLE - METALS
KERR-McGEE OIL AND GAS ONSHORE LP

Sample Location	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
<i>ECMC standards for soil (mg/kg) ⁽¹⁾</i>		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
<i>Background Limits</i>		4.8	111								
Wellhead Soil Samples											
WH-B01 @ 7'	3/8/2024	0.917*	86.2*	0.123	*<0.244	11.7	9.94	4.71	<0.224	<0.0862	33.0
WH-E02 @ 3'	4/18/2024	2.44*	52.3	0.110	NA	<9.14	6.85	5.66	NA	NA	<33.8
Flowline Soil Samples											
FL-B01 @ 3'	3/8/2024	0.781*	46.6	0.0915	*<0.244	9.77	7.08	4.02	<0.220	<0.0847	31.7
Wellhead Background Soil Samples											
WH-BG01 @ 3'	3/8/2024	0.997	48.0	<0.0962	<0.244	<9.62	6.22	4.59	<0.250	<0.0962	<35.6
WH-BG01 @ 6'	3/8/2024	1.05	47.5	<0.0835	<0.244	<8.35	6.46	4.85	<0.217	<0.0835	<30.9
WH-BG02 @ 3'	3/8/2024	1.01	51.5	<0.0906	<0.244	<9.06	6.57	5.14	<0.236	<0.0906	<33.5
WH-BG02 @ 6'	3/8/2024	1.04	55.2	0.0948	<0.244	<9.48	6.38	5.51	<0.246	<0.0948	<35.1
WH-BG03 @ 3'	3/8/2024	0.990	38.3	0.119	<0.244	<8.97	6.37	4.02	<0.233	<0.0897	<33.2
WH- BG03 @ 6'	3/8/2024	1.24	44.4	0.130	<0.244	<9.22	6.95	4.59	<0.240	<0.0922	<34.1
WH-BG04 @ 3'	3/8/2024	0.960	46.6	0.126	<0.244	<9.51	6.28	4.38	<0.247	<0.0951	<35.2
WH-BG04 @ 6'	3/8/2024	1.11	69.0	0.0975	<0.244	<9.75	6.30	5.28	<0.254	<0.0975	<36.1
WH- BG05 @ 3'	3/8/2024	1.88	44.6	<0.0898	<0.244	<8.98	4.99	5.13	<0.233	<0.0898	<33.2
WH-BG05 @ 6'	3/8/2024	1.46	41.9	<0.0960	<0.244	<9.60	4.44	4.29	<0.250	<0.0960	<35.5
WH-BG04 @ 3' (Ulrich 22-2L Wellhead)	2/22/2024	3.84	88.8	0.265	<0.51	<9.31	10.1	8.25	<0.0931	<0.0931	52.9

Notes:

⁽¹⁾ Standards are taken from ECMC Table 915-1: Protection of Groundwater Soil Screening Level Concentrations, effective January 15, 2021

⁽²⁾ Standards for soil are taken from ECMC Table 915-1: Residential Soil Screening Level Concentrations, effective January 15, 2021

ECMC = Energy & Carbon Management Commission

(<) = Analytical result is less than the indicated laboratory reportir

NA = Not Analyzed

* = compound is in accordance with the ECMC Table 915-1 Footnote 9.

Values presented in **BOLD*** contained concentrations exceeding ECMC Table 915-1 Cleanup Concentrations, but are within background concentrations.



**ATTACHMENT A
LABORATORY DATA**



March 19, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Davis 12-15

Project Number - [none]

Attached are your analytical results for KMG - Davis 12-15 received by Origins Laboratory, Inc. March 08, 2024. This project is associated with Origins project number Y403259-01.

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01-01@7'	Y403259-01	Soil	March 8, 2024 14:20	03/08/2024 17:00
FL-B01-01@3'	Y403259-02	Soil	March 8, 2024 14:18	03/08/2024 17:00

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 44032591

Client: Eagle
 Client Project ID: DAMS 12-15

Checklist Completed by: TJT

Shipped Via: TLD
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

Date/time completed: 3/8/12

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

Cooler Number/Temperature: 1 / 10 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: 7004

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

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 3/8/12

Origins Laboratory, Inc.

[Signature]

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

WH-B01-01@7'

3/8/2024 2:20:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	--------------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y403259-01 (Soil)

pH in Soil by 9045D

pH	8.25		pH Units	1	B4C1523	GCG	03/15/2024	03/18/2024	
----	------	--	----------	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B01-01@3'

3/8/2024 2:18:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y403259-02 (Soil)

pH in Soil by 9045D

pH	7.82		pH Units	1	B4C1523	GCG	03/15/2024	03/18/2024	
----	------	--	----------	---	---------	-----	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Saturated Paste - Quality Control
Origins Laboratory, Inc.

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

Batch B4C1523 - Saturated Paste pH/EC

Duplicate (B4C1523-DUP1)

Source: Y403257-01

Prepared: 03/15/2024 Analyzed: 03/18/2024

pH	8.25		pH Units		8.17			0.974	25	
----	------	--	----------	--	------	--	--	-------	----	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

Notes and Definitions

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.



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



April 11, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Davis 12-15

Project Number - [none]

Attached are your analytical results for KMG - Davis 12-15 received by Origins Laboratory, Inc. March 08, 2024. This project is associated with Origins project number Y403258-01.

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



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@7'	Y403258-01	Soil	March 8, 2024 14:20	03/08/2024 17:00
FL-B01@3'	Y403258-02	Soil	March 8, 2024 14:18	03/08/2024 17:00
WH-BG01@3'	Y403258-03	Soil	March 8, 2024 14:30	03/08/2024 17:00
WH-BG01@6'	Y403258-04	Soil	March 8, 2024 14:32	03/08/2024 17:00
WH-BG02@3'	Y403258-05	Soil	March 8, 2024 14:34	03/08/2024 17:00
WH-BG02@6'	Y403258-06	Soil	March 8, 2024 14:36	03/08/2024 17:00
WH-BG03@3'	Y403258-07	Soil	March 8, 2024 14:38	03/08/2024 17:00
WH-BG03@6'	Y403258-08	Soil	March 8, 2024 14:40	03/08/2024 17:00
WH-BG04@3'	Y403258-09	Soil	March 8, 2024 14:42	03/08/2024 17:00
WH-BG04@6'	Y403258-10	Soil	March 8, 2024 14:44	03/08/2024 17:00
WH-BG05@3'	Y403258-11	Soil	March 8, 2024 14:46	03/08/2024 17:00
WH-BG05@6'	Y403258-12	Soil	March 8, 2024 14:48	03/08/2024 17:00

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

ORIGINS
 LABORATORY, INC

Initial
4403259

www.originslaboratory.com

page 1 of 2

Client: Eagle Environmental (X)
 Address: 8000 W 44th Ave
Wheat Ridge CO 80033
 Telephone Number: 303 433 4799
 Email Address: dan.coloccia@eagle-environment.com
 Project Manager: D. Coloccia
 Project Name: Davis 12-15
 Project Number: -
 Samples Collected By: JN

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis				Sample Instructions		
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other	Full table 915-1	Fe/PH	OR		BOD	Metals
WH-K01E-7'	3/8/24	1420	3	X					X								
FI-K01E-3'		1418	1														
WH-K01E-3'		1420	2									X	X	X	X		
WH-K01E-6'		1432															
WH-K01E-3'		1434															
WH-K01E-6'		1430															
WH-K01E-6'		1435															
WH-K01E-6'		1430															
WH-K01E-6'		1440															
WH-K01E-6'		1442															
WH-K01E-6'		1444															
Relinquished By: <u>Shuck Jones</u>	Date: <u>3/8/24</u>	Time: <u>7:00</u>	Received By: <u>U</u>	Date: <u>3/8/24</u>	Time: <u>7:00</u>	Turnaround Time: <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard											

Temp Received -

Date Results Needed

Origins Laboratory, Inc.

J. Bynon

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

ORIGINS

LABORATORY, INC

Initial

www.originslaboratory.com

page 2 of 2

Client: Eagle Environmental (XXY)
 Address: 8000 W 44th Ave, Wheat Ridge, CO 80033
 Telephone Number: 303-433-0479
 Email Address: D.Coloccia@eagle-environmental.com
 Project Manager: Dan Coloccia
 Project Name: Davis 12-15
 Project Number: -
 Samples Collected By: JN

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix		Analysis			Sample Instructions							
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #	Other		EC/PH	SAR	BOD/B	Metals			
WT BARS 13'	3/8/24	11:30 AM	2	X				X											
WT BARS 14'	3/8/24	11:30 AM	2	X				X											
WT BARS 15'	3/8/24	11:30 AM	2	X				X											
WT BARS 16'																			
WT BARS 17'																			
WT BARS 18'																			
WT BARS 19'																			
WT BARS 20'																			
WT BARS 21'																			
WT BARS 22'																			
WT BARS 23'																			
WT BARS 24'																			
WT BARS 25'																			
WT BARS 26'																			
WT BARS 27'																			
WT BARS 28'																			
WT BARS 29'																			
WT BARS 30'																			

Temp Received: 0 Date Results Needed

Relinquished By: [Signature]
 Date: 3/8/24
 Time: 1700
 Received By: [Signature]
 Date: 3/8/24
 Time: 1700
 Turnaround Time:
 Same Day
 24 Hr
 48 Hr
 72 Hr
 Standard

Origins Laboratory, Inc.

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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4403258

Client: Eagle
 Client Project ID: Davis 12-15

Checklist Completed by: JW

Shipped Via: HD
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

Date/time completed: 3/8/12

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

Cooler Number/Temperature: 1/4 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: 7004

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

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

[Signature]
 Reviewed by (Project Manager)

3/8/12
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-B01@7'
3/8/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y403258-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.210		0.101	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4C0822	03/08/2024	03/09/2024	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.4 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4C0840	03/08/2024	03/09/2024	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.0 %		70-130			"	"	"	
----------------------------------	--------	--	--------	--	--	---	---	---	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-B01@7'

3/8/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y403258-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	103 %		70-130			B4C08 40	03/08/2024	03/09/2024	
Surrogate: 4-Bromofluorobenzene	109 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.942		0.499	meq/L	10	[CALC]	03/09/2024	03/11/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.53		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	ND		0.002	mg/kg	1	B4C0835	03/08/2024	03/09/2024	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

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-B01@7'
3/8/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y403258-01 (Soil)

PAH by EPA 8270E

Fluoranthene	ND		0.020	mg/kg	1	B4C0835	03/08/2024	03/09/2024	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	99.6 %		60-130			"	"	"	
Surrogate: Anthracene-d10	95.3 %		60-130			"	"	"	
Surrogate: Pyrene-d10	91.7 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	102 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.14			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.07		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.510		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-B01@7'
 3/8/2024 2:20:00PM

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

Origins Laboratory, Inc.
 Y403258-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	0.917	0.250	mg/kg	10	B4C1129	03/11/2024	03/21/2024
Barium	86.2	8.62	"	"	"	"	"
Cadmium	0.123	0.0862	"	"	"	"	"
Copper	11.7	8.62	"	"	"	"	"
Lead	9.94	0.862	"	"	"	"	"
Nickel	4.71	0.862	"	"	"	"	"
Selenium	ND	0.224	"	"	"	"	"
Silver	ND	0.0862	"	"	"	"	"
Zinc	33.0	31.9	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742414	03/08/2024	04/04/2024
----------------------	----	-------	-----	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B01@3'

3/8/2024 2:18:00PM

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

Origins Laboratory, Inc.
Y403258-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.249		0.0998	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	679		25.0	mg/kg	1	B4C0822	03/08/2024	03/09/2024	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: <i>o</i> -Terphenyl	75.4 %		50-150			"	"	"	
--------------------------------	--------	--	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	0.0563		0.00200	mg/kg	1	B4C0840	03/08/2024	03/09/2024	
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	87.9		5.00	"	25	"	"	03/09/2024	

Surrogate: 1,2-Dichloroethane-d4	99.3 %		70-130			"	"	03/09/2024	
Surrogate: Toluene-d8	104 %		70-130			"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B01@3'

3/8/2024 2:18:00PM

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

Origins Laboratory, Inc.
 Y403258-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene	117 %	70-130				B4C08 40	03/08/2024	03/09/2024	
---------------------------------	-------	--------	--	--	--	-------------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	1.53	0.499	meq/L	10	[CALC]		03/09/2024	03/11/2024	
Magnesium	ND	0.823	"	"	"	"	"	"	
Sodium	2.77	0.435	"	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	1.32	0.020	mg/kg	10	B4C0835		03/08/2024	03/12/2024	
2-Methylnaphthalene	2.96	0.020	"	"	"	"	"	"	
Acenaphthene	ND	0.020	"	1	"	"	"	03/09/2024	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

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B01@3'

3/8/2024 2:18:00PM

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

Origins Laboratory, Inc.
Y403258-02 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B4C0835	03/08/2024	03/09/2024	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	6.28		0.020	"	10	"	"	03/12/2024	
Phenanthrene	ND		0.020	"	1	"	"	03/09/2024	U
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	98.0 %		60-130			"	"	"	
Surrogate: Anthracene-d10	98.6 %		60-130			"	"	"	
Surrogate: Pyrene-d10	94.9 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	105 %		60-130			"	"	"	

pH in Soil by 9045D

pH	8.00			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	-------------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.79		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	-------------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.599		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	--------------	--	---------	----------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B01@3'

3/8/2024 2:18:00PM

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

Origins Laboratory, Inc.
 Y403258-02 (Soil)

Table 915 metals by EPA 6020B

Arsenic	0.781		0.246	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	46.6		8.47	"	"	"	"	"	
Cadmium	0.0915		0.0847	"	"	"	"	"	
Copper	9.77		8.47	"	"	"	"	"	
Lead	7.08		0.847	"	"	"	"	"	
Nickel	4.02		0.847	"	"	"	"	"	
Selenium	ND		0.220	"	"	"	"	"	
Silver	ND		0.0847	"	"	"	"	"	
Zinc	31.7		31.3	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742414	03/08/2024	04/04/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG01@3'
3/8/2024 2:30:00PM

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

Origins Laboratory, Inc.
Y403258-03 (Soil)

Boron (DTPA Sorbitol)

Boron	0.183		0.0989	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.522		0.499	meq/L	10	[CALC]	03/09/2024	03/11/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	3.35		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.92			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	5.37		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.474		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	0.997		0.279	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	48.0		9.62	"	"	"	"	"	
Cadmium	ND		0.0962	"	"	"	"	"	
Copper	ND		9.62	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG01@3'

3/8/2024 2:30:00PM

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

Origins Laboratory, Inc.
Y403258-03 (Soil)

Table 915 metals by EPA 6020B

Lead	6.22		0.962	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	4.59		0.962	"	"	"	"	"	
Selenium	ND		0.250	"	"	"	"	"	
Silver	ND		0.0962	"	"	"	"	"	
Zinc	ND		35.6	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742414	03/08/2024	04/04/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG01@6'
3/8/2024 2:32:00PM

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

Origins Laboratory, Inc.
Y403258-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.218		0.0990	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.931		0.499	meq/L	10	[CALC]	03/09/2024	03/11/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	4.33		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.95			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	5.26		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.687		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.05		0.242	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	47.5		8.35	"	"	"	"	"	
Cadmium	ND		0.0835	"	"	"	"	"	
Copper	ND		8.35	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG01@6'

3/8/2024 2:32:00PM

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

Origins Laboratory, Inc.
Y403258-04 (Soil)

Table 915 metals by EPA 6020B

Lead	6.46		0.835	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	4.85		0.835	"	"	"	"	"	
Selenium	ND		0.217	"	"	"	"	"	
Silver	ND		0.0835	"	"	"	"	"	
Zinc	ND		30.9	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.508	mg/Kg	1	L742414	03/08/2024	04/04/2024	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG02@3'

3/8/2024 2:34:00PM

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

Origins Laboratory, Inc.
Y403258-05 (Soil)

Boron (DTPA Sorbitol)

Boron	0.231		0.102	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	03/09/2024	03/11/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.62		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.86			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	5.01		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.358		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.01		0.263	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	51.5		9.06	"	"	"	"	"	
Cadmium	ND		0.0906	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG02@3'

3/8/2024 2:34:00PM

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

Origins Laboratory, Inc.
Y403258-05 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		9.06	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Lead	6.57		0.906	"	"	"	"	"	
Nickel	5.14		0.906	"	"	"	"	"	
Selenium	ND		0.236	"	"	"	"	"	
Silver	ND		0.0906	"	"	"	"	"	
Zinc	ND		33.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG02@6'

3/8/2024 2:36:00PM

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

Origins Laboratory, Inc.
Y403258-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.185		0.0992	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	03/09/2024	03/11/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.69		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.84			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	4.65		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.391		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.04		0.275	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	55.2		9.48	"	"	"	"	"	
Cadmium	0.0948		0.0948	"	"	"	"	"	
Copper	ND		9.48	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

WH-BG02@6'

3/8/2024 2:36:00PM

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

Origins Laboratory, Inc.
Y403258-06 (Soil)

Table 915 metals by EPA 6020B

Lead	6.38		0.948	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	5.51		0.948	"	"	"	"	"	
Selenium	ND		0.246	"	"	"	"	"	
Silver	ND		0.0948	"	"	"	"	"	
Zinc	ND		35.1	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.508	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG03@3'
3/8/2024 2:38:00PM

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

Origins Laboratory, Inc.
Y403258-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.184		0.101	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	03/09/2024	03/11/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.48		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.90			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	5.32		0.0100	SAR	1	B4C0910	03/09/2024	03/11/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.332		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	0.990		0.260	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	38.3		8.97	"	"	"	"	"	
Cadmium	0.119		0.0897	"	"	"	"	"	
Copper	ND		8.97	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG03@3'

3/8/2024 2:38:00PM

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

Origins Laboratory, Inc.
Y403258-07 (Soil)

Table 915 metals by EPA 6020B

Lead	6.37		0.897	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	4.02		0.897	"	"	"	"	"	
Selenium	ND		0.233	"	"	"	"	"	
Silver	ND		0.0897	"	"	"	"	"	
Zinc	ND		33.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG03@6'
3/8/2024 2:40:00PM

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

Origins Laboratory, Inc.
Y403258-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.171		0.0991	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	1.35		0.499	meq/L	10	[CALC]	03/09/2024	03/12/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.86		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.78			pH Units	1	B4C0920	03/09/2024	03/11/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.26		0.0100	SAR	1	B4C0910	03/09/2024	03/12/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.316		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/11/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.24		0.267	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	44.4		9.22	"	"	"	"	"	
Cadmium	0.130		0.0922	"	"	"	"	"	
Copper	ND		9.22	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG03@6'

3/8/2024 2:40:00PM

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

Origins Laboratory, Inc.
Y403258-08 (Soil)

Table 915 metals by EPA 6020B

Lead	6.95		0.922	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	4.59		0.922	"	"	"	"	"	
Selenium	ND		0.240	"	"	"	"	"	
Silver	ND		0.0922	"	"	"	"	"	
Zinc	ND		34.1	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG04@3'
3/8/2024 2:42:00PM

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

Origins Laboratory, Inc.
Y403258-09 (Soil)

Boron (DTPA Sorbitol)

Boron	0.212		0.0991	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.873		0.499	meq/L	10	[CALC]	03/09/2024	03/12/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.99		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.77			pH Units	1	B4C0920	03/09/2024	03/12/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.67		0.0100	SAR	1	B4C0910	03/09/2024	03/12/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.512		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/12/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	0.960		0.276	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	46.6		9.51	"	"	"	"	"	
Cadmium	0.126		0.0951	"	"	"	"	"	
Copper	ND		9.51	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG04@3'

3/8/2024 2:42:00PM

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

Origins Laboratory, Inc.
Y403258-09 (Soil)

Table 915 metals by EPA 6020B

Lead	6.28		0.951	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	4.38		0.951	"	"	"	"	"	
Selenium	ND		0.247	"	"	"	"	"	
Silver	ND		0.0951	"	"	"	"	"	
Zinc	ND		35.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.248	0.509	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG04@6'

3/8/2024 2:44:00PM

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

Origins Laboratory, Inc.
Y403258-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.144		0.101	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	03/09/2024	03/12/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.60		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.92			pH Units	1	B4C0920	03/09/2024	03/12/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	4.78		0.0100	SAR	1	B4C0910	03/09/2024	03/12/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.350		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/12/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.11		0.283	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Barium	69.0		9.75	"	"	"	"	"	
Cadmium	0.0975		0.0975	"	"	"	"	"	
Copper	ND		9.75	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG04@6'

3/8/2024 2:44:00PM

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

Origins Laboratory, Inc.
Y403258-10 (Soil)

Table 915 metals by EPA 6020B

Lead	6.30		0.975	mg/kg	10	B4C1129	03/11/2024	03/21/2024	
Nickel	5.28		0.975	"	"	"	"	"	
Selenium	ND		0.254	"	"	"	"	"	
Silver	ND		0.0975	"	"	"	"	"	
Zinc	ND		36.1	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG05@3'

3/8/2024 2:46:00PM

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

Origins Laboratory, Inc.
Y403258-11 (Soil)

Boron (DTPA Sorbitol)

Boron	0.123		0.0987	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	ND		0.499	meq/L	10	[CALC]	03/09/2024	03/12/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.39		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.85			pH Units	1	B4C0920	03/09/2024	03/12/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	5.50		0.0100	SAR	1	B4C0910	03/09/2024	03/12/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.271		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/12/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.88		0.260	mg/kg	10	B4C1130	03/11/2024	03/23/2024	
Barium	44.6		8.98	"	"	"	"	"	
Cadmium	ND		0.0898	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG05@3'

3/8/2024 2:46:00PM

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

Origins Laboratory, Inc.
Y403258-11 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		8.98	mg/kg	10	B4C1130	03/11/2024	03/23/2024	
Lead	4.99		0.898	"	"	"	"	"	
Nickel	5.13		0.898	"	"	"	"	"	
Selenium	ND		0.233	"	"	"	"	"	
Silver	ND		0.0898	"	"	"	"	"	
Zinc	ND		33.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.508	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG05@6'

3/8/2024 2:48:00PM

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

Origins Laboratory, Inc.
Y403258-12 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0991	mg/L	1	B4C1110	03/11/2024	03/12/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	0.605		0.499	meq/L	10	[CALC]	03/09/2024	03/12/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.27		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.46			pH Units	1	B4C0920	03/09/2024	03/12/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.38		0.0100	SAR	1	B4C0910	03/09/2024	03/12/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.378		0.00500	mmhos/cm	1	B4C0920	03/09/2024	03/12/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.46		0.278	mg/kg	10	B4C1130	03/11/2024	03/23/2024	
Barium	41.9		9.60	"	"	"	"	"	
Cadmium	ND		0.0960	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-BG05@6'

3/8/2024 2:48:00PM

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

Origins Laboratory, Inc.
Y403258-12 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		9.60	mg/kg	10	B4C1130	03/11/2024	03/23/2024	
Lead	4.44		0.960	"	"	"	"	"	
Nickel	4.29		0.960	"	"	"	"	"	
Selenium	ND		0.250	"	"	"	"	"	
Silver	ND		0.0960	"	"	"	"	"	
Zinc	ND		35.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.25	0.514	mg/Kg	1	L742417	03/08/2024	04/05/2024	
----------------------	----	------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0822 - EPA 3550B										
Blank (B4C0822-BLK1)										
					Prepared: 03/08/2024 Analyzed: 03/08/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	26		"	24.9		104	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0822 - EPA 3550B										
LCS (B4C0822-BS1)					Prepared: 03/08/2024 Analyzed: 03/08/2024					
Diesel (C10-C28)	994	50.0	mg/kg	1000		99.4	70-130			
Residual Range Organics (C28-C40)	1090	200	"	1000		109	70-130			
Surrogate: o-Terphenyl	51		"	49.8		102	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0822 - EPA 3550B										
Matrix Spike (B4C0822-MS1)		Source: Y403233-01			Prepared: 03/08/2024 Analyzed: 03/08/2024					
Diesel (C10-C28)	1000	50.0	mg/kg	1000	ND	100	70-130			
Residual Range Organics (C28-C40)	1190	200	"	1000	ND	119	70-130			
Surrogate: o-Terphenyl	50		"	49.8		99.9	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0822 - EPA 3550B										
Matrix Spike Dup (B4C0822-MSD1)					Source: Y403233-01					Prepared: 03/08/2024 Analyzed: 03/08/2024
Diesel (C10-C28)	1060	50.0	mg/kg	1000	ND	106	70-130	5.52	35	
Residual Range Organics (C28-C40)	1260	200	"	1000	ND	126	70-130	5.57	35	
Surrogate: o-Terphenyl	62		"	49.8		125	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4C0840 - EPA 5030 (soil)

Blank (B4C0840-BLK1)

Prepared: 03/08/2024 Analyzed: 03/08/2024

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	0.12		"	0.125	95.2		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	103		70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125	112		70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4C0840 - EPA 5030 (soil)

LCS (B4C0840-BS1)

Prepared: 03/08/2024 Analyzed: 03/08/2024

1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg	0.100		113	70-130			
1,3,5-Trimethylbenzene	0.115	0.00200	"	0.100		115	70-130			
Benzene	0.104	0.00200	"	0.100		104	70-130			
Ethylbenzene	0.113	0.00200	"	0.100		113	70-130			
Naphthalene	0.0869	0.00380	"	0.100		86.9	70-130			
Toluene	0.116	0.00200	"	0.100		116	70-130			
o-Xylene	0.117	0.00200	"	0.100		117	70-130			
m,p-Xylene	0.229	0.00400	"	0.200		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.125		91.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.4	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4C0840 - EPA 5030 (soil)

Matrix Spike (B4C0840-MS1)	Source: Y403233-01			Prepared: 03/08/2024 Analyzed: 03/08/2024						
1,2,4-Trimethylbenzene	0.0847	0.00200	mg/kg	0.100	ND	84.7	70-130			
1,3,5-Trimethylbenzene	0.0852	0.00200	"	0.100	ND	85.2	70-130			
Benzene	0.0870	0.00200	"	0.100	ND	87.0	70-130			
Ethylbenzene	0.0889	0.00200	"	0.100	ND	88.9	70-130			
Naphthalene	0.0648	0.00380	"	0.100	ND	64.8	70-130			QM-07
Toluene	0.0944	0.00200	"	0.100	ND	94.4	70-130			
o-Xylene	0.0843	0.00200	"	0.100	ND	84.3	70-130			
m,p-Xylene	0.174	0.00400	"	0.200	ND	86.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.7	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.9	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4C0840 - EPA 5030 (soil)

Matrix Spike Dup (B4C0840-MSD1)	Source: Y403233-01			Prepared: 03/08/2024 Analyzed: 03/08/2024						
1,2,4-Trimethylbenzene	0.0819	0.00200	mg/kg	0.100	ND	81.9	70-130	3.41	20	
1,3,5-Trimethylbenzene	0.0824	0.00200	"	0.100	ND	82.4	70-130	3.34	20	
Benzene	0.0858	0.00200	"	0.100	ND	85.8	70-130	1.34	20	
Ethylbenzene	0.0839	0.00200	"	0.100	ND	83.9	70-130	5.86	20	
Naphthalene	0.0661	0.00380	"	0.100	ND	66.1	70-130	2.08	20	QM-07
Toluene	0.0915	0.00200	"	0.100	ND	91.5	70-130	3.14	20	
o-Xylene	0.0819	0.00200	"	0.100	ND	81.9	70-130	2.84	20	
m,p-Xylene	0.166	0.00400	"	0.200	ND	83.2	70-130	4.21	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		95.4	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		97.0	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

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

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

Batch B4C1129 - EPA 3050B

Blank (B4C1129-BLK1)

Prepared: 03/11/2024 Analyzed: 03/21/2024

Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							
Copper	ND	10.0	"							
Lead	ND	1.00	"							
Nickel	ND	1.00	"							
Selenium	ND	0.260	"							
Silver	ND	0.100	"							
Zinc	ND	37.0	"							

LCS (B4C1129-BS1)

Prepared: 03/11/2024 Analyzed: 03/21/2024

Arsenic	4.78	0.290	mg/kg	5.00		95.6	80-120			
Barium	502	10.0	"	500		100	80-120			
Cadmium	5.13	0.100	"	5.00		103	80-120			
Copper	53.4	10.0	"	50.0		107	80-120			
Lead	5.24	1.00	"	5.00		105	80-120			
Nickel	5.52	1.00	"	5.00		110	80-120			
Selenium	10.3	0.260	"	9.50		109	80-120			
Silver	5.75	0.100	"	5.00		115	80-120			
Zinc	57.4	37.0	"	50.0		115	80-120			

Matrix Spike (B4C1129-MS1)

Source: Y403256-06

Prepared: 03/11/2024 Analyzed: 03/21/2024

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

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

Batch B4C1129 - EPA 3050B

Matrix Spike (B4C1129-MS1)

Source: Y403256-06

Prepared: 03/11/2024 Analyzed: 03/21/2024

Arsenic	5.49	0.244	mg/kg	4.21	1.53	94.0	75-125			
Barium	482	8.42	"	421	40.0	105	75-125			
Cadmium	4.64	0.0842	"	4.21	0.196	106	75-125			
Copper	51.8	8.42	"	42.1	7.20	106	75-125			
Lead	12.6	0.842	"	4.21	7.96	110	75-125			
Nickel	9.38	0.842	"	4.21	5.40	94.4	75-125			
Selenium	7.81	0.219	"	8.00	0.130	96.1	75-125			
Silver	3.25	0.0842	"	4.21	0.0636	75.7	75-125			
Zinc	77.0	31.1	"	42.1	30.5	110	75-125			

Matrix Spike Dup (B4C1129-MSD1)

Source: Y403256-06

Prepared: 03/11/2024 Analyzed: 03/21/2024

Arsenic	6.06	0.277	mg/kg	4.77	1.53	94.9	75-125	9.92	20	
Barium	551	9.54	"	477	40.0	107	75-125	13.4	20	
Cadmium	5.16	0.0954	"	4.77	0.196	104	75-125	10.6	20	
Copper	58.6	9.54	"	47.7	7.20	108	75-125	12.3	20	
Lead	13.1	0.954	"	4.77	7.96	108	75-125	3.96	20	
Nickel	10.5	0.954	"	4.77	5.40	107	75-125	11.5	20	
Selenium	9.38	0.248	"	9.07	0.130	102	75-125	18.2	20	
Silver	3.73	0.0954	"	4.77	0.0636	76.9	75-125	13.8	20	
Zinc	80.8	35.3	"	47.7	30.5	105	75-125	4.77	20	

Batch B4C1130 - EPA 3050B

Blank (B4C1130-BLK1)

Prepared: 03/11/2024 Analyzed: 03/23/2024

Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

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

Batch B4C1130 - EPA 3050B

Blank (B4C1130-BLK1)

Prepared: 03/11/2024 Analyzed: 03/23/2024

Copper	ND	10.0	mg/kg							
Lead	ND	1.00	"							
Nickel	ND	1.00	"							
Selenium	ND	0.260	"							
Silver	ND	0.100	"							
Zinc	ND	37.0	"							

LCS (B4C1130-BS1)

Prepared: 03/11/2024 Analyzed: 03/23/2024

Arsenic	4.97	0.290	mg/kg	5.00		99.4	80-120			
Barium	490	10.0	"	500		98.0	80-120			
Cadmium	5.29	0.100	"	5.00		106	80-120			
Copper	51.8	10.0	"	50.0		104	80-120			
Lead	4.78	1.00	"	5.00		95.6	80-120			
Nickel	5.27	1.00	"	5.00		105	80-120			
Selenium	9.44	0.260	"	9.50		99.4	80-120			
Silver	5.46	0.100	"	5.00		109	80-120			
Zinc	51.6	37.0	"	50.0		103	80-120			

Matrix Spike (B4C1130-MS1)

Source: Y403258-11

Prepared: 03/11/2024 Analyzed: 03/23/2024

Arsenic	5.90	0.248	mg/kg	4.28	1.88	94.0	75-125			
Barium	475	8.55	"	428	44.6	101	75-125			
Cadmium	4.60	0.0855	"	4.28	0.0709	106	75-125			
Copper	50.1	8.55	"	42.8	5.52	104	75-125			
Lead	9.03	0.855	"	4.28	4.99	94.5	75-125			
Nickel	9.46	0.855	"	4.28	5.13	101	75-125			
Selenium	8.03	0.222	"	8.12	0.0889	97.7	75-125			
Silver	4.72	0.0855	"	4.28	0.0135	110	75-125			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C1130 - EPA 3050B										
Matrix Spike (B4C1130-MS1)			Source: Y403258-11			Prepared: 03/11/2024 Analyzed: 03/23/2024				
Zinc	65.7	31.6	mg/kg	42.8	23.2	99.3	75-125			
Matrix Spike Dup (B4C1130-MSD1)			Source: Y403258-11			Prepared: 03/11/2024 Analyzed: 03/23/2024				
Arsenic	6.33	0.285	mg/kg	4.92	1.88	90.6	75-125	7.08	20	
Barium	550	9.83	"	492	44.6	103	75-125	14.7	20	
Cadmium	5.32	0.0983	"	4.92	0.0709	107	75-125	14.6	20	
Copper	57.1	9.83	"	49.2	5.52	105	75-125	13.1	20	
Lead	9.76	0.983	"	4.92	4.99	97.1	75-125	7.83	20	
Nickel	10.4	0.983	"	4.92	5.13	106	75-125	9.11	20	
Selenium	9.96	0.256	"	9.34	0.0889	106	75-125	21.6	20	QR-02
Silver	5.41	0.0983	"	4.92	0.0135	110	75-125	13.8	20	
Zinc	71.6	36.4	"	49.2	23.2	98.3	75-125	8.57	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4C0835 - EPA 3580

Blank (B4C0835-BLK1)

Prepared: 03/08/2024 Analyzed: 03/08/2024

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
<hr/>										
Surrogate: Fluorene-d10	200		ug/kg	200		99.2	60-130			
Surrogate: Anthracene-d10	190		"	200		95.5	60-130			
Surrogate: Pyrene-d10	190		"	200		94.4	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

LCS (B4C0835-BS1)

Prepared: 03/08/2024 Analyzed: 03/08/2024

1-Methylnaphthalene	0.171	0.002	mg/kg	0.200		85.6	70-130			
2-Methylnaphthalene	0.170	0.002	"	0.200		85.0	70-130			
Acenaphthene	0.170	0.020	"	0.200		84.9	70-130			
Anthracene	0.166	0.020	"	0.200		83.2	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4C0835 - EPA 3580

LCS (B4C0835-BS1)

Prepared: 03/08/2024 Analyzed: 03/08/2024

Benzo (a) anthracene	0.184	0.005	mg/kg	0.200		92.0	70-130			
Benzo (a) pyrene	0.181	0.020	"	0.200		90.7	70-130			
Benzo (b) fluoranthene	0.166	0.020	"	0.200		82.9	70-130			
Benzo (g,h,i) perylene	0.176	0.020	"	0.200		88.1	70-130			
Benzo (k) fluoranthene	0.167	0.020	"	0.200		83.3	70-130			
Chrysene	0.177	0.020	"	0.200		88.5	70-130			
Dibenz (a,h) anthracene	0.181	0.020	"	0.200		90.7	70-130			
Fluoranthene	0.162	0.020	"	0.200		81.2	70-130			
Fluorene	0.172	0.020	"	0.200		86.0	70-130			
Indeno (1,2,3-cd) pyrene	0.187	0.020	"	0.200		93.3	70-130			
Naphthalene	0.175	0.002	"	0.200		87.7	70-130			
Phenanthrene	0.153	0.020	"	0.200		76.5	70-130			
Pyrene	0.157	0.020	"	0.200		78.5	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.2	60-130			
Surrogate: Anthracene-d10	190		"	200		94.4	60-130			
Surrogate: Pyrene-d10	190		"	200		93.0	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Matrix Spike (B4C0835-MS1)

Source: Y403252-01

Prepared: 03/08/2024 Analyzed: 03/08/2024

1-Methylnaphthalene	0.180	0.002	mg/kg	0.200	0.002	88.7	70-130			
2-Methylnaphthalene	0.184	0.002	"	0.200	0.004	89.7	70-130			
Acenaphthene	0.176	0.020	"	0.200	ND	87.8	70-130			
Anthracene	0.174	0.020	"	0.200	ND	86.9	70-130			
Benzo (a) anthracene	0.188	0.005	"	0.200	ND	94.2	70-130			
Benzo (a) pyrene	0.189	0.020	"	0.200	ND	94.4	70-130			
Benzo (b) fluoranthene	0.184	0.020	"	0.200	0.0008	91.7	70-130			
Benzo (g,h,i) perylene	0.182	0.020	"	0.200	0.0009	90.4	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4C0835 - EPA 3580

Matrix Spike (B4C0835-MS1)		Source: Y403252-01			Prepared: 03/08/2024 Analyzed: 03/08/2024					
Benzo (k) fluoranthene	0.171	0.020	mg/kg	0.200	0.0008	85.2	70-130			
Chrysene	0.197	0.020	"	0.200	0.003	96.6	70-130			
Dibenz (a,h) anthracene	0.191	0.020	"	0.200	0.0008	95.3	70-130			
Fluoranthene	0.174	0.020	"	0.200	0.0005	86.9	70-130			
Fluorene	0.177	0.020	"	0.200	ND	88.5	70-130			
Indeno (1,2,3-cd) pyrene	0.188	0.020	"	0.200	ND	93.8	70-130			
Naphthalene	0.186	0.002	"	0.200	0.003	91.9	70-130			
Phenanthrene	0.162	0.020	"	0.200	0.002	80.4	70-130			
Pyrene	0.159	0.020	"	0.200	0.0008	79.1	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		97.1	60-130			
Surrogate: Pyrene-d10	180		"	200		90.8	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Matrix Spike Dup (B4C0835-MSD1)		Source: Y403252-01			Prepared: 03/08/2024 Analyzed: 03/08/2024					
1-Methylnaphthalene	0.175	0.002	mg/kg	0.200	0.002	86.4	70-130	2.59	20	
2-Methylnaphthalene	0.176	0.002	"	0.200	0.004	86.0	70-130	4.20	20	
Acenaphthene	0.170	0.020	"	0.200	ND	85.0	70-130	3.21	20	
Anthracene	0.171	0.020	"	0.200	ND	85.5	70-130	1.65	20	
Benzo (a) anthracene	0.181	0.005	"	0.200	ND	90.5	70-130	4.02	20	
Benzo (a) pyrene	0.185	0.020	"	0.200	ND	92.6	70-130	1.96	20	
Benzo (b) fluoranthene	0.173	0.020	"	0.200	0.0008	86.0	70-130	6.35	20	
Benzo (g,h,i) perylene	0.180	0.020	"	0.200	0.0009	89.6	70-130	0.896	20	
Benzo (k) fluoranthene	0.169	0.020	"	0.200	0.0008	84.0	70-130	1.43	20	
Chrysene	0.191	0.020	"	0.200	0.003	93.7	70-130	3.03	20	
Dibenz (a,h) anthracene	0.184	0.020	"	0.200	0.0008	91.4	70-130	4.17	20	
Fluoranthene	0.170	0.020	"	0.200	0.0005	84.7	70-130	2.54	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4C0835 - EPA 3580

Matrix Spike Dup (B4C0835-MSD1)	Source: Y403252-01			Prepared: 03/08/2024 Analyzed: 03/08/2024						
Fluorene	0.171	0.020	mg/kg	0.200	ND	85.6	70-130	3.33	20	
Indeno (1,2,3-cd) pyrene	0.182	0.020	"	0.200	ND	90.8	70-130	3.18	20	
Naphthalene	0.180	0.002	"	0.200	0.003	88.4	70-130	3.75	20	
Phenanthrene	0.157	0.020	"	0.200	0.002	77.8	70-130	3.16	20	
Pyrene	0.156	0.020	"	0.200	0.0008	77.6	70-130	1.84	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.3	60-130			
Surrogate: Anthracene-d10	190		"	200		96.7	60-130			
Surrogate: Pyrene-d10	180		"	200		91.5	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

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

Batch B4C0910 - Saturated Paste Metals

Blank (B4C0910-BLK1)

Prepared: 03/09/2024 Analyzed: 03/11/2024

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

Duplicate (B4C0910-DUP1)

Source: Y403060-01

Prepared: 03/09/2024 Analyzed: 03/11/2024

Calcium PPM	51.9	10.0	mg/L		52.7			1.47	50	
SAR	ND	0.0100	SAR		0.540				200	
Magnesium PPM	40.0	10.0	mg/L		40.4			0.771	50	
Sodium PPM	21.8	10.0	"		21.4			1.57	50	

Batch B4C1110 - DTPA Sorbitol Preparation

Blank (B4C1110-BLK1)

Prepared: 03/11/2024 Analyzed: 03/12/2024

Boron	ND	0.100	mg/L							
-------	----	-------	------	--	--	--	--	--	--	--

Duplicate (B4C1110-DUP1)

Source: Y403256-14

Prepared: 03/11/2024 Analyzed: 03/12/2024

Boron	ND	0.101	mg/L		ND				50	
-------	----	-------	------	--	----	--	--	--	----	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0920 - Saturated Paste pH/EC										
Blank (B4C0920-BLK1)					Prepared: 03/09/2024 Analyzed: 03/11/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4C0920-DUP1)					Source: Y403060-01 Prepared: 03/09/2024 Analyzed: 03/11/2024					
Specific Conductance (EC)	0.697	0.00500	mmhos/cm		0.699			0.272	25	
pH	8.42		pH Units		8.51			1.06	25	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L742417 -										
DUP (L 91328-DUP)		Source: Y403258-12			Prepared: Analyzed: 04/05/2024					
Chromium, Hexavalent	ND	0.505	mg/Kg		<0.505		-	1.7	20	
MS (L 91328-MS)		Source: Y403258-12			Prepared: Analyzed: 04/05/2024					
Chromium, Hexavalent	38.5	2.56	mg/Kg	41	< 0.250	94	75-125			
LCS (LCS)		Prepared: Analyzed: 04/05/2024								
Chromium, Hexavalent	6.74	0.5	mg/Kg	8		84	75-125			
LRB (LRB)		Prepared: Analyzed: 04/05/2024								
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L742414 -										
DUP (L 91300-DUP)		Source: 91300			Prepared: Analyzed: 04/04/2024					
Chromium, Hexavalent	ND	0.504	mg/Kg		<0.504		-	0.7	20	
MS (L 91300-MS)		Source: 91300			Prepared: Analyzed: 04/04/2024					
Chromium, Hexavalent	36.4	2.5	mg/Kg	39.4	< 0.244	92	75-125			
LCS (LCS)		Prepared: Analyzed: 04/04/2024								
Chromium, Hexavalent	6.83	0.5	mg/Kg	8		85	75-125			
LRB (LRB)		Prepared: Analyzed: 04/04/2024								
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

Notes and Definitions

U Sample is Non-Detect.

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.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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



April 24, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Davis 12-15

Project Number - [none]

Attached are your analytical results for KMG - Davis 12-15 received by Origins Laboratory, Inc. April 18, 2024. This project is associated with Origins project number Y404518-01.

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-E02@3'	Y404518-01	Soil	April 18, 2024 13:15	04/18/2024 15:30

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

ORIGINS

ORIGINS WORK ORDER #

Inspected

Page 1 of 1

LABORATORY LLC

Client: Eagle Environmental (DVA)

Address: 8000 W 44th Ave

Wheat Ridge, CO 80053

Telephone Number: 303-433-0474

Email Address: d.coloccia@eagle-enviro.com

Project Manager: D. Coloccia

Project Name: Davis 12-15

Project Number: -

Collected By: CB

Invoice/Billing Info:

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas || UWP=Unpres | HCL=Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=Sodium Hydroxide

Key:
 W=Water
 GW=Groundwater
 SW=Surface Water
 WW=Waste Water
 L=Liquid


#	Sample ID	Date		# of Containers	Matrix	Preservative	Analysis					Comments
		Sampled	Time Sampled				1,2,4 TMB	TPH	Naph	1,2 Methyl	Metals *	
1	WH-E02 @ 3'	4/18/24	13:15	3	S	UND	X	X	X	X	X	* All metals except Selenium, Silver, Chromium VI
2												
3												
4												
5												
6												
7												
8												
9												
10												

Relinquished By: Christine Billas Date: 4/18/24 Time: 1530

Received By: [Signature] Date: 4/18/24 Time: 1530

Turnaround Time
 SAME DAY
 24 Hr
 48 Hr
 72 Hr
 Standard

1725 Elk Place Denver, Co. 80211 | # 303.433.1322 | originslab.com | Temp Received - 4.5 Received On Ice? Yes No

Origins Laboratory, Inc.


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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Sample Receipt Checklist

Origins Work Order: 44 04518 Client: Eagle
 Client Project ID: Davis 12-15

Checklist Completed by: EHO/HOT Shipped Via: HO
 Date/time completed: 4/18/14 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Airbill #: N/A

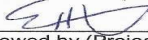
Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____ (Describe)

Cooler Number/Temperature: 1 MS °C °C °C °C

Thermometer ID: TOOS

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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+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 (Project Manager) 4/18/14
Date/Time Reviewed

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-E02@3'
4/18/2024 1:15:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y404518-01 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND	25.0	mg/kg	1	B4D1832	ZZZ	04/18/2024	04/19/2024	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

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

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4D1828	HK	04/18/2024	04/19/2024	U
Gasoline Range Hydrocarbons	ND	0.200	"	"	"	HK	"	"	U

Surrogate: 1,2-Dichloroethane-d4 133 % 70-130 " " " S-GC
 Surrogate: Toluene-d8 95.7 % 70-130 " " "
 Surrogate: 4-Bromofluorobenzene 100 % 70-130 " " "

PAH by EPA 8270E

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4D1827	Windo	04/18/2024	04/19/2024	U
2-Methylnaphthalene	ND	0.002	"	"	"	Windo	"	"	U
Naphthalene	ND	0.002	"	"	"	Windo	"	"	U

Surrogate: Fluorene-d10 99.0 % 60-130 " " "
 Surrogate: Anthracene-d10 97.9 % 60-130 " " "
 Surrogate: Pyrene-d10 90.4 % 60-130 " " "
 Surrogate: Benzo (a) pyrene-d12 100 % 60-130 " " "

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

WH-E02@3'

4/18/2024 1:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y404518-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.44	0.265	mg/kg	10	B4D1834	HJD	04/18/2024	04/19/2024
Barium	52.3	9.14	"	"	"	HJD	"	"
Cadmium	0.110	0.0914	"	"	"	HJD	"	"
Copper	ND	9.14	"	"	"	HJD	"	"
Lead	6.85	0.914	"	"	"	HJD	"	"
Nickel	5.66	0.914	"	"	"	HJD	"	"
Zinc	ND	33.8	"	"	"	HJD	"	"

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1828 - EPA 5030 (soil)

Blank (B4D1828-BLK1)

Prepared: 04/18/2024 Analyzed: 04/18/2024

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	0.15		"	0.125	121		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	95.8		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	98.7		70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1828 - EPA 5030 (soil)

LCS (B4D1828-BS1)

Prepared: 04/18/2024 Analyzed: 04/18/2024

1,2,4-Trimethylbenzene	0.0926	0.00200	mg/kg	0.100		92.6	70-130			
1,3,5-Trimethylbenzene	0.0918	0.00200	"	0.100		91.8	70-130			
Benzene	0.0947	0.00200	"	0.100		94.7	70-130			
Ethylbenzene	0.0909	0.00200	"	0.100		90.9	70-130			
Naphthalene	0.110	0.00380	"	0.100		110	70-130			
Toluene	0.0896	0.00200	"	0.100		89.6	70-130			
o-Xylene	0.0934	0.00200	"	0.100		93.4	70-130			
m,p-Xylene	0.180	0.00400	"	0.200		89.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.4	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.3	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1828 - EPA 5030 (soil)

Matrix Spike (B4D1828-MS1)	Source: Y404505-01			Prepared: 04/18/2024 Analyzed: 04/18/2024						
1,2,4-Trimethylbenzene	0.0996	0.00200	mg/kg	0.100	ND	99.6	70-130			
1,3,5-Trimethylbenzene	0.101	0.00200	"	0.100	ND	101	70-130			
Benzene	0.0954	0.00200	"	0.100	ND	95.4	70-130			
Ethylbenzene	0.0934	0.00200	"	0.100	ND	93.4	70-130			
Naphthalene	0.0751	0.00380	"	0.100	ND	75.1	70-130			
Toluene	0.0864	0.00200	"	0.100	ND	86.4	70-130			
o-Xylene	0.0979	0.00200	"	0.100	ND	97.9	70-130			
m,p-Xylene	0.198	0.00400	"	0.200	ND	98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		115	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		94.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.9	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1828 - EPA 5030 (soil)

Matrix Spike Dup (B4D1828-MSD1)	Source: Y404505-01			Prepared: 04/18/2024 Analyzed: 04/18/2024						
1,2,4-Trimethylbenzene	0.0983	0.00200	mg/kg	0.100	ND	98.3	70-130	1.23	20	
1,3,5-Trimethylbenzene	0.0994	0.00200	"	0.100	ND	99.4	70-130	1.52	20	
Benzene	0.0924	0.00200	"	0.100	ND	92.4	70-130	3.20	20	
Ethylbenzene	0.0924	0.00200	"	0.100	ND	92.4	70-130	1.12	20	
Naphthalene	0.0758	0.00380	"	0.100	ND	75.8	70-130	0.875	20	
Toluene	0.0842	0.00200	"	0.100	ND	84.2	70-130	2.56	20	
o-Xylene	0.0974	0.00200	"	0.100	ND	97.4	70-130	0.492	20	
m,p-Xylene	0.194	0.00400	"	0.200	ND	96.9	70-130	1.92	20	
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.125		111	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.8	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4D1832 - EPA 3550B										
Blank (B4D1832-BLK1)										
					Prepared: 04/18/2024 Analyzed: 04/18/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	27		"	24.9		110	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4D1832 - EPA 3550B										
LCS (B4D1832-BS1)					Prepared: 04/18/2024 Analyzed: 04/18/2024					
Diesel (C10-C28)	824	50.0	mg/kg	1000		82.4	70-130			
Residual Range Organics (C28-C40)	867	200	"	1000		86.7	70-130			
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1832 - EPA 3550B

Matrix Spike (B4D1832-MS1)	Source: Y404506-03			Prepared: 04/18/2024 Analyzed: 04/18/2024						
Diesel (C10-C28)	831	50.0	mg/kg	1000	ND	83.1	70-130			
Residual Range Organics (C28-C40)	885	200	"	1000	ND	88.5	70-130			
Surrogate: o-Terphenyl	49		"	49.8		98.1	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4D1832 - EPA 3550B

Matrix Spike Dup (B4D1832-MSD1)	Source: Y404506-03			Prepared: 04/18/2024 Analyzed: 04/18/2024						
Diesel (C10-C28)	813	50.0	mg/kg	1000	ND	81.3	70-130	2.24	35	
Residual Range Organics (C28-C40)	887	200	"	1000	ND	88.7	70-130	0.191	35	
Surrogate: o-Terphenyl	50		"	49.8		100	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

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

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

Batch B4D1834 - EPA 3050B

Blank (B4D1834-BLK1)

Prepared: 04/18/2024 Analyzed: 04/19/2024

Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							
Copper	ND	10.0	"							
Lead	ND	1.00	"							
Nickel	ND	1.00	"							
Selenium	ND	0.260	"							
Silver	ND	0.100	"							
Zinc	ND	37.0	"							

LCS (B4D1834-BS1)

Prepared: 04/18/2024 Analyzed: 04/22/2024

Arsenic	5.54	0.290	mg/kg	5.00		111	80-120			
Barium	544	10.0	"	500		109	80-120			
Cadmium	5.46	0.100	"	5.00		109	80-120			
Copper	52.7	10.0	"	50.0		105	80-120			
Lead	5.15	1.00	"	5.00		103	80-120			
Nickel	5.30	1.00	"	5.00		106	80-120			
Selenium	10.6	0.260	"	9.50		112	80-120			
Silver	5.58	0.100	"	5.00		112	80-120			
Zinc	52.7	37.0	"	50.0		105	80-120			

Matrix Spike (B4D1834-MS1)

Source: Y404518-01

Prepared: 04/18/2024 Analyzed: 04/19/2024

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

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

Batch B4D1834 - EPA 3050B

Matrix Spike (B4D1834-MS1)		Source: Y404518-01			Prepared: 04/18/2024 Analyzed: 04/19/2024					
Arsenic	7.30	0.249	mg/kg	4.28	2.44	113	75-125			
Barium	548	8.57	"	428	52.3	116	75-125			
Cadmium	5.12	0.0857	"	4.28	0.110	117	75-125			
Copper	57.3	8.57	"	42.8	5.87	120	75-125			
Lead	11.1	0.857	"	4.28	6.85	98.7	75-125			
Nickel	10.5	0.857	"	4.28	5.66	113	75-125			
Selenium	9.24	0.223	"	8.14	0.109	112	75-125			
Silver	5.26	0.0857	"	4.28	0.0302	122	75-125			
Zinc	75.6	31.7	"	42.8	25.2	118	75-125			

Matrix Spike Dup (B4D1834-MSD1)		Source: Y404518-01			Prepared: 04/18/2024 Analyzed: 04/19/2024					
Arsenic	7.47	0.249	mg/kg	4.28	2.44	117	75-125	2.25	20	
Barium	573	8.57	"	428	52.3	122	75-125	4.47	20	
Cadmium	5.22	0.0857	"	4.28	0.110	119	75-125	1.95	20	
Copper	59.0	8.57	"	42.8	5.87	124	75-125	2.94	20	
Lead	11.4	0.857	"	4.28	6.85	106	75-125	2.89	20	
Nickel	10.8	0.857	"	4.28	5.66	120	75-125	2.78	20	
Selenium	9.81	0.223	"	8.14	0.109	119	75-125	5.97	20	
Silver	5.33	0.0857	"	4.28	0.0302	124	75-125	1.31	20	
Zinc	75.8	31.7	"	42.8	25.2	118	75-125	0.325	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4D1827 - EPA 3580

Blank (B4D1827-BLK1)

Prepared: 04/18/2024 Analyzed: 04/18/2024

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	200		ug/kg	200	98.7	60-130
Surrogate: Anthracene-d10	190		"	200	97.5	60-130
Surrogate: Pyrene-d10	180		"	200	87.6	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200	100	60-130

LCS (B4D1827-BS1)

Prepared: 04/18/2024 Analyzed: 04/18/2024

1-Methylnaphthalene	0.385	0.002	mg/kg	0.400	96.3	70-130
2-Methylnaphthalene	0.380	0.002	"	0.400	95.1	70-130
Acenaphthene	0.360	0.020	"	0.400	89.9	70-130
Anthracene	0.352	0.020	"	0.400	88.1	70-130

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4D1827 - EPA 3580

LCS (B4D1827-BS1)

Prepared: 04/18/2024 Analyzed: 04/18/2024

Benzo (a) anthracene	0.398	0.005	mg/kg	0.400		99.5	70-130			
Benzo (a) pyrene	0.359	0.020	"	0.400		89.6	70-130			
Benzo (b) fluoranthene	0.356	0.020	"	0.400		89.1	70-130			
Benzo (g,h,i) perylene	0.366	0.020	"	0.400		91.4	70-130			
Benzo (k) fluoranthene	0.357	0.020	"	0.400		89.3	70-130			
Chrysene	0.363	0.020	"	0.400		90.6	70-130			
Dibenz (a,h) anthracene	0.362	0.020	"	0.400		90.6	70-130			
Fluoranthene	0.378	0.020	"	0.400		94.4	70-130			
Fluorene	0.365	0.020	"	0.400		91.3	70-130			
Indeno (1,2,3-cd) pyrene	0.366	0.020	"	0.400		91.6	70-130			
Naphthalene	0.364	0.002	"	0.400		91.1	70-130			
Phenanthrene	0.361	0.020	"	0.400		90.2	70-130			
Pyrene	0.334	0.020	"	0.400		83.5	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		98.8	60-130			
Surrogate: Anthracene-d10	200		"	200		98.6	60-130			
Surrogate: Pyrene-d10	170		"	200		86.2	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.3	60-130			

Matrix Spike (B4D1827-MS1)

Source: Y404504-01

Prepared: 04/18/2024 Analyzed: 04/18/2024

1-Methylnaphthalene	0.399	0.002	mg/kg	0.400	ND	99.8	70-130			
2-Methylnaphthalene	0.396	0.002	"	0.400	ND	98.9	70-130			
Acenaphthene	0.373	0.020	"	0.400	ND	93.3	70-130			
Anthracene	0.369	0.020	"	0.400	ND	92.3	70-130			
Benzo (a) anthracene	0.386	0.005	"	0.400	ND	96.4	70-130			
Benzo (a) pyrene	0.363	0.020	"	0.400	ND	90.7	70-130			
Benzo (b) fluoranthene	0.358	0.020	"	0.400	ND	89.5	70-130			
Benzo (g,h,i) perylene	0.386	0.020	"	0.400	ND	96.6	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4D1827 - EPA 3580

Matrix Spike (B4D1827-MS1)		Source: Y404504-01			Prepared: 04/18/2024 Analyzed: 04/18/2024					
Benzo (k) fluoranthene	0.383	0.020	mg/kg	0.400	ND	95.8	70-130			
Chrysene	0.371	0.020	"	0.400	ND	92.7	70-130			
Dibenz (a,h) anthracene	0.381	0.020	"	0.400	ND	95.2	70-130			
Fluoranthene	0.401	0.020	"	0.400	ND	100	70-130			
Fluorene	0.385	0.020	"	0.400	ND	96.2	70-130			
Indeno (1,2,3-cd) pyrene	0.385	0.020	"	0.400	ND	96.3	70-130			
Naphthalene	0.378	0.002	"	0.400	ND	94.4	70-130			
Phenanthrene	0.370	0.020	"	0.400	ND	92.4	70-130			
Pyrene	0.332	0.020	"	0.400	ND	83.1	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.5	60-130			
Surrogate: Anthracene-d10	200		"	200		98.3	60-130			
Surrogate: Pyrene-d10	170		"	200		84.3	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		101	60-130			

Matrix Spike Dup (B4D1827-MSD1)		Source: Y404504-01			Prepared: 04/18/2024 Analyzed: 04/18/2024					
1-Methylnaphthalene	0.374	0.002	mg/kg	0.400	ND	93.6	70-130	6.45	20	
2-Methylnaphthalene	0.370	0.002	"	0.400	ND	92.5	70-130	6.69	20	
Acenaphthene	0.353	0.020	"	0.400	ND	88.2	70-130	5.52	20	
Anthracene	0.341	0.020	"	0.400	ND	85.2	70-130	7.94	20	
Benzo (a) anthracene	0.391	0.005	"	0.400	ND	97.7	70-130	1.33	20	
Benzo (a) pyrene	0.349	0.020	"	0.400	ND	87.3	70-130	3.85	20	
Benzo (b) fluoranthene	0.332	0.020	"	0.400	ND	83.0	70-130	7.58	20	
Benzo (g,h,i) perylene	0.360	0.020	"	0.400	ND	90.0	70-130	7.05	20	
Benzo (k) fluoranthene	0.367	0.020	"	0.400	ND	91.6	70-130	4.40	20	
Chrysene	0.352	0.020	"	0.400	ND	87.9	70-130	5.29	20	
Dibenz (a,h) anthracene	0.362	0.020	"	0.400	ND	90.6	70-130	5.01	20	
Fluoranthene	0.383	0.020	"	0.400	ND	95.8	70-130	4.47	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4D1827 - EPA 3580

Matrix Spike Dup (B4D1827-MSD1)	Source: Y404504-01			Prepared: 04/18/2024 Analyzed: 04/18/2024						
Fluorene	0.361	0.020	mg/kg	0.400	ND	90.4	70-130	6.22	20	
Indeno (1,2,3-cd) pyrene	0.364	0.020	"	0.400	ND	90.9	70-130	5.80	20	
Naphthalene	0.356	0.002	"	0.400	ND	89.0	70-130	5.98	20	
Phenanthrene	0.351	0.020	"	0.400	ND	87.8	70-130	5.18	20	
Pyrene	0.320	0.020	"	0.400	ND	79.9	70-130	3.85	20	
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	200		"	200		98.2	60-130			
Surrogate: Pyrene-d10	170		"	200		85.1	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

Notes and Definitions

U Sample is Non-Detect.

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

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.



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



May 08, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Davis 12-15

Project Number - [none]

Attached are your analytical results for KMG - Davis 12-15 received by Origins Laboratory, Inc. May 07, 2024. This project is associated with Origins project number Y405211-01.

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL-B02@3'	Y405211-01	Soil	May 7, 2024 14:20	05/07/2024 16:08

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4405211

Client: Eagle

Client Project ID: Davis 12-15

Checklist Completed by: EHO

Shipped Via: HO

Date/time completed: 5/7/12

(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 °C 1 °C 1 °C (Describe) °C

Thermometer ID: 7005

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.

EHO
 Reviewed by (Project Manager)

5/7/12
 Date/Time Reviewed

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B02@3'

5/7/2024 2:20:00PM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y405211-01 (Soil)

DRO/ORO by EPA 8015D

Diesel (C10-C28)	65.4	25.0	mg/kg	1	B4E0747	ZZZ	05/07/2024	05/08/2024	
Residual Range Organics (C28-C40)	ND	100	"	"	"	ZZZ	"	"	U

Surrogate: o-Terphenyl	92.4 %	50-150			"	"	"	"	
------------------------	--------	--------	--	--	---	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg	1	B4E0735	HK	05/07/2024	05/08/2024	U
1,3,5-Trimethylbenzene	ND	0.00200	"	"	"	HK	"	"	U
Benzene	ND	0.00200	"	"	"	HK	"	"	U
Ethylbenzene	ND	0.00200	"	"	"	HK	"	"	U
Toluene	ND	0.00200	"	"	"	HK	"	"	U
Xylenes, total	ND	0.00200	"	"	"	HK	"	"	U
Gasoline Range Hydrocarbons	2.62	0.200	"	"	"	HK	"	"	

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	101 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %	70-130			"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	0.035	0.002	mg/kg	1	B4E0744	agile	05/07/2024	05/08/2024	
2-Methylnaphthalene	0.049	0.002	"	"	"	agile	"	"	
Acenaphthene	ND	0.020	"	"	"	agile	"	"	U

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

FL-B02@3'

5/7/2024 2:20:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

Origins Laboratory, Inc.
Y405211-01 (Soil)

PAH by EPA 8270E

Anthracene	ND	0.020	mg/kg	1	B4E0744	agile	05/07/2024	05/08/2024	U
Benzo (a) anthracene	ND	0.005	"	"	"	agile	"	"	U
Benzo (a) pyrene	ND	0.020	"	"	"	agile	"	"	U
Benzo (b) fluoranthene	ND	0.020	"	"	"	agile	"	"	U
Benzo (k) fluoranthene	ND	0.020	"	"	"	agile	"	"	U
Chrysene	ND	0.020	"	"	"	agile	"	"	U
Dibenz (a,h) anthracene	ND	0.020	"	"	"	agile	"	"	U
Fluoranthene	ND	0.020	"	"	"	agile	"	"	U
Fluorene	0.030	0.020	"	"	"	agile	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.020	"	"	"	agile	"	"	U
Naphthalene	ND	0.002	"	"	"	agile	"	"	U
Pyrene	ND	0.020	"	"	"	agile	"	"	U

Surrogate: Fluorene-d10	94.6 %	60-130			"	"	"	
Surrogate: Anthracene-d10	104 %	60-130			"	"	"	
Surrogate: Pyrene-d10	104 %	60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.6 %	60-130			"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4E0735 - EPA 5030 (soil)

Blank (B4E0735-BLK1)

Prepared: 05/07/2024 Analyzed: 05/07/2024

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	0.12		"	0.125	99.9		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	104		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	98.4		70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4E0735 - EPA 5030 (soil)

LCS (B4E0735-BS1)

Prepared: 05/07/2024 Analyzed: 05/07/2024

1,2,4-Trimethylbenzene	0.112	0.00200	mg/kg	0.100		112	70-130			
1,3,5-Trimethylbenzene	0.113	0.00200	"	0.100		113	70-130			
Benzene	0.102	0.00200	"	0.100		102	70-130			
Ethylbenzene	0.109	0.00200	"	0.100		109	70-130			
Naphthalene	0.0938	0.00380	"	0.100		93.8	70-130			
Toluene	0.107	0.00200	"	0.100		107	70-130			
o-Xylene	0.111	0.00200	"	0.100		111	70-130			
m,p-Xylene	0.213	0.00400	"	0.200		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.1	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4E0735 - EPA 5030 (soil)

Matrix Spike (B4E0735-MS1)	Source: Y405199-01			Prepared: 05/07/2024 Analyzed: 05/07/2024						
1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100	ND	107	70-130			
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130			
Benzene	0.103	0.00200	"	0.100	ND	103	70-130			
Ethylbenzene	0.104	0.00200	"	0.100	ND	104	70-130			
Naphthalene	0.102	0.00380	"	0.100	ND	102	70-130			
Toluene	0.102	0.00200	"	0.100	ND	102	70-130			
o-Xylene	0.106	0.00200	"	0.100	ND	106	70-130			
m,p-Xylene	0.205	0.00400	"	0.200	ND	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.8	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.5	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4E0735 - EPA 5030 (soil)

Matrix Spike Dup (B4E0735-MSD1)	Source: Y405199-01			Prepared: 05/07/2024 Analyzed: 05/07/2024						
1,2,4-Trimethylbenzene	0.107	0.00200	mg/kg	0.100	ND	107	70-130	0.224	20	
1,3,5-Trimethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130	0.150	20	
Benzene	0.102	0.00200	"	0.100	ND	102	70-130	1.54	20	
Ethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130	1.05	20	
Naphthalene	0.103	0.00380	"	0.100	ND	103	70-130	1.44	20	
Toluene	0.103	0.00200	"	0.100	ND	103	70-130	0.875	20	
o-Xylene	0.108	0.00200	"	0.100	ND	108	70-130	1.72	20	
m,p-Xylene	0.207	0.00400	"	0.200	ND	103	70-130	0.885	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.7	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.8	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4E0747 - EPA 3550B										
Blank (B4E0747-BLK1)										
					Prepared: 05/07/2024 Analyzed: 05/08/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		90.3	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4E0747 - EPA 3550B

LCS (B4E0747-BS1)

Prepared: 05/07/2024 Analyzed: 05/08/2024

Diesel (C10-C28)	844	50.0	mg/kg	1000		84.4	70-130			
Residual Range Organics (C28-C40)	890	200	"	1000		89.0	70-130			
Surrogate: o-Terphenyl	44		"	49.8		89.3	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4E0747 - EPA 3550B

Matrix Spike (B4E0747-MS1)	Source: Y405216-01			Prepared: 05/07/2024 Analyzed: 05/08/2024						
Diesel (C10-C28)	811	50.0	mg/kg	1000	ND	81.1	70-130			
Residual Range Organics (C28-C40)	894	200	"	1000	ND	89.4	70-130			
Surrogate: o-Terphenyl	43		"	49.8		86.1	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4E0747 - EPA 3550B										
Matrix Spike Dup (B4E0747-MSD1)		Source: Y405216-01			Prepared: 05/07/2024 Analyzed: 05/08/2024					
Diesel (C10-C28)	857	50.0	mg/kg	1000	ND	85.7	70-130	5.49	35	
Residual Range Organics (C28-C40)	940	200	"	1000	ND	94.0	70-130	5.04	35	
Surrogate: o-Terphenyl	46		"	49.8		92.1	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

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

Batch B4E0744 - EPA 3580

Blank (B4E0744-BLK1)

Prepared: 05/07/2024 Analyzed: 05/07/2024

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	200		ug/kg	200		99.6	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	230		"	200		117	60-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4E0744 - EPA 3580

LCS (B4E0744-BS1)

Prepared: 05/07/2024 Analyzed: 05/07/2024

1-Methylnaphthalene	0.164	0.002	mg/kg	0.200		81.8	70-130			
2-Methylnaphthalene	0.165	0.002	"	0.200		82.3	70-130			
Acenaphthene	0.165	0.020	"	0.200		82.7	70-130			
Anthracene	0.178	0.020	"	0.200		89.1	70-130			
Benzo (a) anthracene	0.162	0.005	"	0.200		81.1	70-130			
Benzo (a) pyrene	0.193	0.020	"	0.200		96.6	70-130			
Benzo (b) fluoranthene	0.163	0.020	"	0.200		81.3	70-130			
Benzo (g,h,i) perylene	0.183	0.020	"	0.200		91.3	70-130			
Benzo (k) fluoranthene	0.158	0.020	"	0.200		79.1	70-130			
Chrysene	0.155	0.020	"	0.200		77.7	70-130			
Dibenz (a,h) anthracene	0.200	0.020	"	0.200		100	70-130			
Fluoranthene	0.157	0.020	"	0.200		78.5	70-130			
Fluorene	0.154	0.020	"	0.200		77.2	70-130			
Indeno (1,2,3-cd) pyrene	0.183	0.020	"	0.200		91.7	70-130			
Naphthalene	0.164	0.002	"	0.200		81.9	70-130			
Phenanthrene	0.178	0.020	"	0.200		89.1	70-130			
Pyrene	0.170	0.020	"	0.200		85.2	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		95.8	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	200		"	200		98.2	60-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		111	60-130			

Matrix Spike (B4E0744-MS1)

Source: Y405202-01

Prepared: 05/07/2024 Analyzed: 05/07/2024

1-Methylnaphthalene	0.167	0.002	mg/kg	0.200	ND	83.5	70-130			
2-Methylnaphthalene	0.164	0.002	"	0.200	ND	82.0	70-130			
Acenaphthene	0.169	0.020	"	0.200	ND	84.6	70-130			
Anthracene	0.188	0.020	"	0.200	ND	94.2	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4E0744 - EPA 3580

Matrix Spike (B4E0744-MS1)	Source: Y405202-01			Prepared: 05/07/2024 Analyzed: 05/07/2024						
Benzo (a) anthracene	0.169	0.005	mg/kg	0.200	0.0008	84.0	70-130			
Benzo (a) pyrene	0.187	0.020	"	0.200	ND	93.5	70-130			
Benzo (b) fluoranthene	0.177	0.020	"	0.200	0.0009	88.0	70-130			
Benzo (g,h,i) perylene	0.197	0.020	"	0.200	0.0009	98.2	70-130			
Benzo (k) fluoranthene	0.176	0.020	"	0.200	0.001	87.4	70-130			
Chrysene	0.166	0.020	"	0.200	0.0005	82.8	70-130			
Dibenz (a,h) anthracene	0.212	0.020	"	0.200	0.001	105	70-130			
Fluoranthene	0.162	0.020	"	0.200	0.0008	80.6	70-130			
Fluorene	0.154	0.020	"	0.200	0.0006	76.9	70-130			
Indeno (1,2,3-cd) pyrene	0.197	0.020	"	0.200	0.002	97.6	70-130			
Naphthalene	0.162	0.002	"	0.200	ND	80.8	70-130			
Phenanthrene	0.180	0.020	"	0.200	ND	89.9	70-130			
Pyrene	0.163	0.020	"	0.200	ND	81.5	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		94.8	60-130			
Surrogate: Anthracene-d10	200		"	200		102	60-130			
Surrogate: Pyrene-d10	180		"	200		91.3	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		107	60-130			

Matrix Spike Dup (B4E0744-MSD1)	Source: Y405202-01			Prepared: 05/07/2024 Analyzed: 05/07/2024						
1-Methylnaphthalene	0.169	0.002	mg/kg	0.200	ND	84.5	70-130	1.17	20	
2-Methylnaphthalene	0.163	0.002	"	0.200	ND	81.5	70-130	0.559	20	
Acenaphthene	0.170	0.020	"	0.200	ND	85.2	70-130	0.696	20	
Anthracene	0.175	0.020	"	0.200	ND	87.7	70-130	7.16	20	
Benzo (a) anthracene	0.169	0.005	"	0.200	0.0008	83.9	70-130	0.108	20	
Benzo (a) pyrene	0.190	0.020	"	0.200	ND	95.0	70-130	1.59	20	
Benzo (b) fluoranthene	0.185	0.020	"	0.200	0.0009	91.8	70-130	4.22	20	
Benzo (g,h,i) perylene	0.199	0.020	"	0.200	0.0009	99.3	70-130	1.11	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Davis 12-15

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

Batch B4E0744 - EPA 3580

Matrix Spike Dup (B4E0744-MSD1)	Source: Y405202-01			Prepared: 05/07/2024 Analyzed: 05/07/2024						
Benzo (k) fluoranthene	0.201	0.020	mg/kg	0.200	0.001	100	70-130	13.3	20	
Chrysene	0.169	0.020	"	0.200	0.0005	84.0	70-130	1.36	20	
Dibenz (a,h) anthracene	0.209	0.020	"	0.200	0.001	104	70-130	1.54	20	
Fluoranthene	0.145	0.020	"	0.200	0.0008	71.9	70-130	11.4	20	
Fluorene	0.177	0.020	"	0.200	0.0006	88.1	70-130	13.6	20	
Indeno (1,2,3-cd) pyrene	0.185	0.020	"	0.200	0.002	91.5	70-130	6.39	20	
Naphthalene	0.164	0.002	"	0.200	ND	81.8	70-130	1.23	20	
Phenanthrene	0.188	0.020	"	0.200	ND	94.2	70-130	4.70	20	
Pyrene	0.159	0.020	"	0.200	ND	79.7	70-130	2.21	20	
Surrogate: Fluorene-d10	220		ug/kg	200		110	60-130			
Surrogate: Anthracene-d10	220		"	200		110	60-130			
Surrogate: Pyrene-d10	180		"	200		90.5	60-130			
Surrogate: Benzo (a) pyrene-d12	240		"	200		120	60-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Davis 12-15

Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



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

Jen Pellegrini For Jordan A. Bynon, Project Manager



March 14, 2024

Eagle Environmental Consulting, LLC

Dan Coloccia

8000 W 44th Ave

Wheat Ridge CO 80033

Project Name - KMG - Ulrich 22-2L

Project Number - [none]

Attached are your analytical results for KMG - Ulrich 22-2L received by Origins Laboratory, Inc. February 22, 2024. This project is associated with Origins project number Y402558-01.

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



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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-B01@8'	Y402558-01	Soil	February 22, 2024 14:20	02/22/2024 16:55
WH-BG01@3'	Y402558-02	Soil	February 22, 2024 14:40	02/22/2024 16:55
WH-BG01@6'	Y402558-03	Soil	February 22, 2024 14:42	02/22/2024 16:55
WH-BG02@3'	Y402558-04	Soil	February 22, 2024 14:44	02/22/2024 16:55
WH-BG02@6'	Y402558-05	Soil	February 22, 2024 14:46	02/22/2024 16:55
WH-BG03@3'	Y402558-06	Soil	February 22, 2024 14:48	02/22/2024 16:55
WH-BG03@6'	Y402558-07	Soil	February 22, 2024 14:50	02/22/2024 16:55
WH-BG04@3'	Y402558-08	Soil	February 22, 2024 14:52	02/22/2024 16:55
WH-BG04@6'	Y402558-09	Soil	February 22, 2024 14:54	02/22/2024 16:55
WH-BG05@3'	Y402558-10	Soil	February 22, 2024 14:56	02/22/2024 16:55
WH-BG05@6'	Y402558-11	Soil	February 22, 2024 14:58	02/22/2024 16:55
WH-BG06@3'	Y402558-12	Soil	February 22, 2024 15:00	02/22/2024 16:55
WH-BG06@6'	Y402558-13	Soil	February 22, 2024 15:02	02/22/2024 16:55

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

ORIGINS
 LABORATORY, INC

4402558
 In-101

www.originslaboratory.com


page 1 of 2

Client: Eagle Environmental (017)
 Address: 5000 W 44th Ave
Wheat Ridge, CO 80033
 Telephone Number: 303-473-0474
 Email Address: dcoloccia@eagle-environment.com
 Project Manager: D. Coloccia
 Project Name: Ulrich 22-2L
 Project Number: -
 Samples Collected By: SG

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative			Matrix		Analysis			Sample Instructions
				HCl	HNO ₃	Other	Groundwater	Soil	Other	EC/pH	SAR	
WH-B01 @ 3'	2/11/14	1420	3	X				X				
WH-B01 @ 6'		1440	2						X			
WH-B01 @ 3'		1441	1						X			
WH-B02 @ 3'		1444	1						X			
WH-B02 @ 6'		1446	1						X			
WH-B03 @ 3'		1449	1						X			
WH-B03 @ 6'		1450	1						X			
WH-B04 @ 3'		1452	1						X			
WH-B04 @ 6'		1454	1						X			
Relinquished By: <u>[Signature]</u>	Date: <u>2/12/14</u>	Time: <u>1055</u>	Received By: <u>[Signature]</u>	Date: <u>2/12/14</u>	Time: <u>1055</u>	Turnaround Time: <input checked="" type="checkbox"/> Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard						

Temp Received: 4

Date Results Needed

Origins Laboratory, Inc.


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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

Sample Receipt Checklist

Origins Work Order: 4402558 Client: Eagle
 Client Project ID: Ulrich 22-2L

Checklist Completed by: JWH Shipped Via: HLB
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)
 Date/time completed: 2/22/24 Airbill #: N/A

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

Cooler Number/Temperature: 1, 4 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: 7004

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

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 2/22/24

Origins Laboratory, Inc.

[Signature]

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-B01@8'
2/22/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y402558-01 (Soil)

Boron (DTPA Sorbitol)

Boron	0.292		0.101	mg/L	1	B4B2310	02/23/2024	02/28/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4B2233	02/22/2024	02/23/2024	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	85.4 %		50-150			"	"	"	
------------------------	--------	--	--------	--	--	---	---	---	--

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4B2234	02/22/2024	02/22/2024	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U
Benzene	ND		0.00200	"	"	"	"	"	U
Ethylbenzene	ND		0.00200	"	"	"	"	"	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

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

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-B01@8'
2/22/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y402558-01 (Soil)

GBTEX+TMBs by 8260D

Surrogate: Toluene-d8	110 %		70-130			B4B22 34	02/22/2024	02/22/2024	
Surrogate: 4-Bromofluorobenzene	93.8 %		70-130			"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	1.98		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	6.55		0.435	"	"	"	"	"	

PAH by EPA 8270E

1-Methylnaphthalene	0.006		0.002	mg/kg	1	B4B2226	02/22/2024	02/23/2024	
2-Methylnaphthalene	0.010		0.002	"	"	"	"	"	
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 (k) fluoranthene	ND		0.020	"	"	"	"	"	U
Chrysene	ND		0.020	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	U
Fluoranthene	ND		0.020	"	"	"	"	"	U

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-B01@8'
2/22/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y402558-01 (Soil)

PAH by EPA 8270E

Fluorene	ND		0.020	mg/kg	1	B4B2226	02/22/2024	02/23/2024	U
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	U
Naphthalene	0.003		0.002	"	"	"	"	"	
Pyrene	ND		0.020	"	"	"	"	"	U

Surrogate: Fluorene-d10	101 %		60-130			"	"	"	
Surrogate: Anthracene-d10	92.8 %		60-130			"	"	"	
Surrogate: Pyrene-d10	95.1 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	103 %		60-130			"	"	"	

pH in Soil by 9045D

pH	11.0			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	-------------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	6.60		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	-------------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.06		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	-------------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-B01@8'
2/22/2024 2:20:00PM

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

Origins Laboratory, Inc.
Y402558-01 (Soil)

Table 915 metals by EPA 6020B

Arsenic	2.82	0.284	mg/kg	10	B4B2237	02/23/2024	02/27/2024
Barium	68.9	9.78	"	"	"	"	"
Cadmium	0.270	0.0978	"	"	"	"	"
Copper	10.6	9.78	"	"	"	"	"
Lead	21.9	0.978	"	"	"	"	"
Nickel	6.87	0.978	"	"	"	"	"
Selenium	0.0978	0.0978	"	"	"	"	"
Silver	0.112	0.0978	"	"	"	"	"
Zinc	48.3	36.2	"	"	"	"	"

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.508	mg/Kg	1	L737636	02/22/2024	03/11/2024
----------------------	----	-------	-------	-------	---	---------	------------	------------

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG01@3'
2/22/2024 2:40:00PM

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

Origins Laboratory, Inc.
Y402558-02 (Soil)

Boron (DTPA Sorbitol)

Boron	0.190		0.101	mg/L	1	B4B2310	02/23/2024	02/28/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	4.90		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	3.58		0.823	"	"	"	"	"	
Sodium	5.09		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.29			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.47		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.03		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.83		0.245	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	70.5		8.44	"	"	"	"	"	
Cadmium	0.133		0.0844	"	"	"	"	"	
Copper	ND		8.44	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG01@3'
2/22/2024 2:40:00PM

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

Origins Laboratory, Inc.
Y402558-02 (Soil)

Table 915 metals by EPA 6020B

Lead	8.32		0.844	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	6.52		0.844	"	"	"	"	"	
Selenium	0.114		0.0844	"	"	"	"	"	
Silver	ND		0.0844	"	"	"	"	"	
Zinc	37.3		31.2	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737636	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG01@6'
2/22/2024 2:42:00PM

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

Origins Laboratory, Inc.
Y402558-03 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0984	mg/L	1	B4B2310	02/23/2024	02/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	2.74		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	1.88		0.823	"	"	"	"	"	
Sodium	3.71		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.24			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.44		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.22		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.44		0.253	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	53.7		8.74	"	"	"	"	"	
Cadmium	0.0891		0.0874	"	"	"	"	"	
Copper	ND		8.74	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG01@6'
2/22/2024 2:42:00PM

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

Origins Laboratory, Inc.
Y402558-03 (Soil)

Table 915 metals by EPA 6020B

Lead	7.61		0.874	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	5.86		0.874	"	"	"	"	"	
Selenium	ND		0.0874	"	"	"	"	"	
Silver	ND		0.0874	"	"	"	"	"	
Zinc	ND		32.3	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737636	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG02@3'
2/22/2024 2:44:00PM

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

Origins Laboratory, Inc.
Y402558-04 (Soil)

Boron (DTPA Sorbitol)

Boron	0.189		0.0996	mg/L	1	B4B2310	02/23/2024	02/28/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	4.63		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	2.06		0.823	"	"	"	"	"	
Sodium	5.01		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.22			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.74		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.46		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.42		0.274	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	81.2		9.46	"	"	"	"	"	
Cadmium	0.296		0.0946	"	"	"	"	"	
Copper	10.4		9.46	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG02@3'
2/22/2024 2:44:00PM

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

Origins Laboratory, Inc.
Y402558-04 (Soil)

Table 915 metals by EPA 6020B

Lead	14.2		0.946	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	7.60		0.946	"	"	"	"	"	
Selenium	0.158		0.0946	"	"	"	"	"	
Silver	0.108		0.0946	"	"	"	"	"	
Zinc	50.1		35.0	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.251	0.515	mg/Kg	1	L737636	02/22/2024	03/11/2024	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG02@6'
2/22/2024 2:46:00PM

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

Origins Laboratory, Inc.
Y402558-05 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.101	mg/L	1	B4B2310	02/23/2024	02/28/2024	
-------	----	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	1.53		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.98		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.82		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.812		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.96		0.255	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	51.2		8.80	"	"	"	"	"	
Cadmium	ND		0.0880	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG02@6'
2/22/2024 2:46:00PM

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

Origins Laboratory, Inc.
Y402558-05 (Soil)

Table 915 metals by EPA 6020B

Copper	ND		8.80	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Lead	6.32		0.880	"	"	"	"	"	
Nickel	4.99		0.880	"	"	"	"	"	
Selenium	ND		0.0880	"	"	"	"	"	
Silver	ND		0.0880	"	"	"	"	"	
Zinc	ND		32.6	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	0.402	0.244	0.5	mg/Kg	1	L737638	02/22/2024	03/11/2024	J
----------------------	--------------	--------------	-----	-------	---	---------	------------	------------	---

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG03@3'
2/22/2024 2:48:00PM

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

Origins Laboratory, Inc.
Y402558-06 (Soil)

Boron (DTPA Sorbitol)

Boron	0.497		0.100	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	2.31		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	1.33		0.823	"	"	"	"	"	
Sodium	3.85		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.30			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.85		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.04		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.52		0.252	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	85.6		8.67	"	"	"	"	"	
Cadmium	0.167		0.0867	"	"	"	"	"	
Copper	10.6		8.67	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG03@3'
2/22/2024 2:48:00PM

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

Origins Laboratory, Inc.
Y402558-06 (Soil)

Table 915 metals by EPA 6020B

Lead	11.5		0.867	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	10.6		0.867	"	"	"	"	"	
Selenium	0.204		0.0867	"	"	"	"	"	
Silver	ND		0.0867	"	"	"	"	"	
Zinc	59.2		32.1	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG03@6'
2/22/2024 2:50:00PM

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

Origins Laboratory, Inc.
Y402558-07 (Soil)

Boron (DTPA Sorbitol)

Boron	0.131		0.101	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	2.47		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	1.44		0.823	"	"	"	"	"	
Sodium	3.47		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.18			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.48		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.07		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.50		0.287	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	44.8		9.90	"	"	"	"	"	
Cadmium	ND		0.0990	"	"	"	"	"	
Copper	ND		9.90	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Ulrich 22-2L

WH-BG03@6'
2/22/2024 2:50:00PM

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

Origins Laboratory, Inc.
Y402558-07 (Soil)

Table 915 metals by EPA 6020B

Lead	5.56		0.990	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	4.46		0.990	"	"	"	"	"	
Selenium	ND		0.0990	"	"	"	"	"	
Silver	ND		0.0990	"	"	"	"	"	
Zinc	ND		36.6	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG04@3'
2/22/2024 2:52:00PM

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

Origins Laboratory, Inc.
Y402558-08 (Soil)

Boron (DTPA Sorbitol)

Boron	0.223		0.101	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	5.03		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	2.75		0.823	"	"	"	"	"	
Sodium	6.58		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.29			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.34		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.67		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.84		0.270	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	88.8		9.31	"	"	"	"	"	
Cadmium	0.265		0.0931	"	"	"	"	"	
Copper	ND		9.31	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG04@3'
2/22/2024 2:52:00PM

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

Origins Laboratory, Inc.
Y402558-08 (Soil)

Table 915 metals by EPA 6020B

Lead	10.1		0.931	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	8.25		0.931	"	"	"	"	"	
Selenium	ND		0.0931	"	"	"	"	"	
Silver	ND		0.0931	"	"	"	"	"	
Zinc	52.9		34.5	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.248	0.51	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG04@6'
2/22/2024 2:54:00PM

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

Origins Laboratory, Inc.
Y402558-09 (Soil)

Boron (DTPA Sorbitol)

Boron	0.117		0.0992	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	3.05		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	1.69		0.823	"	"	"	"	"	
Sodium	4.30		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.17			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.79		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.11		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.30		0.267	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Barium	56.6		9.21	"	"	"	"	"	
Cadmium	ND		0.0921	"	"	"	"	"	
Copper	ND		9.21	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG04@6'
2/22/2024 2:54:00PM

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

Origins Laboratory, Inc.
Y402558-09 (Soil)

Table 915 metals by EPA 6020B

Lead	9.43		0.921	mg/kg	10	B4B2237	02/23/2024	02/27/2024	
Nickel	6.71		0.921	"	"	"	"	"	
Selenium	ND		0.0921	"	"	"	"	"	
Silver	ND		0.0921	"	"	"	"	"	
Zinc	ND		34.1	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG05@3'
2/22/2024 2:56:00PM

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

Origins Laboratory, Inc.
Y402558-10 (Soil)

Boron (DTPA Sorbitol)

Boron	0.409		0.0999	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	-------	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	6.72		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	3.54		0.823	"	"	"	"	"	
Sodium	4.97		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.34			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	2.19		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.74		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	3.68		0.249	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Barium	133		8.60	"	"	"	"	"	
Cadmium	0.175		0.0860	"	"	"	"	"	
Copper	13.0		8.60	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG05@3'
2/22/2024 2:56:00PM

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

Origins Laboratory, Inc.
Y402558-10 (Soil)

Table 915 metals by EPA 6020B

Lead	12.3		0.860	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Nickel	10.7		0.860	"	"	"	"	"	
Selenium	ND		0.224	"	"	"	"	"	
Silver	ND		0.0860	"	"	"	"	"	
Zinc	63.7		31.8	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG05@6'
2/22/2024 2:58:00PM

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

Origins Laboratory, Inc.
Y402558-11 (Soil)

Boron (DTPA Sorbitol)

Boron	0.145		0.100	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	-------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	3.60		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	1.80		0.823	"	"	"	"	"	
Sodium	3.24		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.25			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	1.97		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.13		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.23		0.249	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Barium	75.3		8.59	"	"	"	"	"	
Cadmium	0.154		0.0859	"	"	"	"	"	
Copper	ND		8.59	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG05@6'
2/22/2024 2:58:00PM

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

Origins Laboratory, Inc.
Y402558-11 (Soil)

Table 915 metals by EPA 6020B

Lead	7.33		0.859	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Nickel	7.10		0.859	"	"	"	"	"	
Selenium	ND		0.223	"	"	"	"	"	
Silver	ND		0.0859	"	"	"	"	"	
Zinc	36.1		31.8	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.244	0.5	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	-----	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG06@3'
2/22/2024 3:00:00PM

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

Origins Laboratory, Inc.
Y402558-12 (Soil)

Boron (DTPA Sorbitol)

Boron	5.08		0.101	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	------	--	-------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	5.04		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	2.97		0.823	"	"	"	"	"	
Sodium	7.77		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	7.98			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.88		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.88		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	2.85		0.273	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Barium	89.2		9.40	"	"	"	"	"	
Cadmium	0.163		0.0940	"	"	"	"	"	
Copper	13.3		9.40	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG06@3'
2/22/2024 3:00:00PM

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

Origins Laboratory, Inc.
Y402558-12 (Soil)

Table 915 metals by EPA 6020B

Lead	11.7		0.940	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Nickel	12.3		0.940	"	"	"	"	"	
Selenium	ND		0.244	"	"	"	"	"	
Silver	0.0977		0.0940	"	"	"	"	"	
Zinc	70.9		34.8	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.492	1.01	mg/Kg	2	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG06@6'
2/22/2024 3:02:00PM

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

Origins Laboratory, Inc.
Y402558-13 (Soil)

Boron (DTPA Sorbitol)

Boron	ND		0.0996	mg/L	1	B4B2311	02/23/2024	02/28/2024	
-------	----	--	--------	------	---	---------	------------	------------	--

Metals by Saturated Paste by EPA 6010

Calcium	2.18		0.499	meq/L	10	[CALC]	02/23/2024	02/26/2024	
Magnesium	1.05		0.823	"	"	"	"	"	
Sodium	4.15		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.09			pH Units	1	B4B2318	02/23/2024	02/24/2024	
----	------	--	--	----------	---	---------	------------	------------	--

SAR by 20B Saturated Paste

SAR	3.27		0.0100	SAR	1	B4B2317	02/23/2024	02/26/2024	
-----	------	--	--------	-----	---	---------	------------	------------	--

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.946		0.00500	mmhos/cm	1	B4B2318	02/23/2024	02/24/2024	
---------------------------	-------	--	---------	----------	---	---------	------------	------------	--

Table 915 metals by EPA 6020B

Arsenic	1.09		0.261	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Barium	38.4		8.99	"	"	"	"	"	
Cadmium	ND		0.0899	"	"	"	"	"	
Copper	ND		8.99	"	"	"	"	"	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

WH-BG06@6'
2/22/2024 3:02:00PM

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

Origins Laboratory, Inc.
Y402558-13 (Soil)

Table 915 metals by EPA 6020B

Lead	5.67		0.899	mg/kg	10	B4B2237	02/23/2024	03/02/2024	
Nickel	4.81		0.899	"	"	"	"	"	
Selenium	ND		0.234	"	"	"	"	"	
Silver	ND		0.0899	"	"	"	"	"	
Zinc	ND		33.3	"	"	"	"	"	

Total Metals by 7196A

Chromium, Hexavalent	ND	0.247	0.507	mg/Kg	1	L737638	02/22/2024	03/11/2024	
----------------------	----	-------	-------	-------	---	---------	------------	------------	--

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2233 - EPA 3550B										
Blank (B4B2233-BLK1)										
					Prepared: 02/22/2024 Analyzed: 02/23/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	24		"	24.9		98.0	50-150			

Origins Laboratory, Inc.



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

Jordan A. Bynon, Project Manager

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4B2233 - EPA 3550B

LCS (B4B2233-BS1)

Prepared: 02/22/2024 Analyzed: 02/23/2024

Diesel (C10-C28)	959	50.0	mg/kg	1000		95.9	70-130			
Residual Range Organics (C28-C40)	1160	200	"	1000		116	70-130			
Surrogate: o-Terphenyl	55		"	49.8		111	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4B2233 - EPA 3550B

Matrix Spike (B4B2233-MS1)	Source: Y402554-01			Prepared: 02/22/2024 Analyzed: 02/23/2024						
Diesel (C10-C28)	993	50.0	mg/kg	1000	ND	99.3	70-130			
Residual Range Organics (C28-C40)	1200	200	"	1000	ND	120	70-130			
Surrogate: o-Terphenyl	42		"	49.8		84.8	50-150			

Origins Laboratory, Inc.



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

Jordan A. Bynon, Project Manager

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2233 - EPA 3550B										
Matrix Spike Dup (B4B2233-MSD1)					Source: Y402554-01					Prepared: 02/22/2024 Analyzed: 02/23/2024
Diesel (C10-C28)	986	50.0	mg/kg	1000	ND	98.6	70-130	0.674	35	
Residual Range Organics (C28-C40)	1170	200	"	1000	ND	117	70-130	2.55	35	
Surrogate: o-Terphenyl	44		"	49.8		88.1	50-150			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory, Inc.

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

Batch B4B2234 - EPA 5030 (soil)

Blank (B4B2234-BLK1)

Prepared: 02/22/2024 Analyzed: 02/22/2024

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	100		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	102		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	92.9		70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4B2234 - EPA 5030 (soil)

LCS (B4B2234-BS1)

Prepared: 02/22/2024 Analyzed: 02/22/2024

1,2,4-Trimethylbenzene	0.0981	0.00200	mg/kg	0.100		98.1	70-130			
1,3,5-Trimethylbenzene	0.0977	0.00200	"	0.100		97.7	70-130			
Benzene	0.0844	0.00200	"	0.100		84.4	70-130			
Ethylbenzene	0.0924	0.00200	"	0.100		92.4	70-130			
Naphthalene	0.104	0.00380	"	0.100		104	70-130			
Toluene	0.0871	0.00200	"	0.100		87.1	70-130			
o-Xylene	0.0842	0.00200	"	0.100		84.2	70-130			
m,p-Xylene	0.179	0.00400	"	0.200		89.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		97.3	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		98.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		101	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4B2234 - EPA 5030 (soil)

Matrix Spike (B4B2234-MS1)	Source: Y402554-01			Prepared: 02/22/2024 Analyzed: 02/22/2024						
1,2,4-Trimethylbenzene	0.0990	0.00200	mg/kg	0.100	0.00364	95.4	70-130			
1,3,5-Trimethylbenzene	0.0973	0.00200	"	0.100	0.00114	96.2	70-130			
Benzene	0.0771	0.00200	"	0.100	ND	77.1	70-130			
Ethylbenzene	0.0912	0.00200	"	0.100	0.00106	90.1	70-130			
Naphthalene	0.0961	0.00380	"	0.100	0.00114	94.9	70-130			
Toluene	0.0841	0.00200	"	0.100	0.000580	83.6	70-130			
o-Xylene	0.0845	0.00200	"	0.100	0.000900	83.6	70-130			
m,p-Xylene	0.174	0.00400	"	0.200	0.00202	85.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.2	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		104	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

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

Batch B4B2234 - EPA 5030 (soil)

Matrix Spike Dup (B4B2234-MSD1)	Source: Y402554-01			Prepared: 02/22/2024 Analyzed: 02/22/2024						
1,2,4-Trimethylbenzene	0.0948	0.00200	mg/kg	0.100	0.00364	91.1	70-130	4.36	20	
1,3,5-Trimethylbenzene	0.0934	0.00200	"	0.100	0.00114	92.3	70-130	4.09	20	
Benzene	0.0815	0.00200	"	0.100	ND	81.5	70-130	5.50	20	
Ethylbenzene	0.0912	0.00200	"	0.100	0.00106	90.1	70-130	0.0439	20	
Naphthalene	0.0967	0.00380	"	0.100	0.00114	95.6	70-130	0.685	20	
Toluene	0.0862	0.00200	"	0.100	0.000580	85.6	70-130	2.42	20	
o-Xylene	0.0910	0.00200	"	0.100	0.000900	90.1	70-130	7.39	20	
m,p-Xylene	0.175	0.00400	"	0.200	0.00202	86.2	70-130	0.483	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		99.3	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		100	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

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

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

Batch B4B2237 - EPA 3050B

Blank (B4B2237-BLK1)

Prepared: 02/23/2024 Analyzed: 02/27/2024

Arsenic	ND	0.290	mg/kg							
Barium	ND	10.0	"							
Cadmium	ND	0.100	"							
Copper	ND	10.0	"							
Lead	ND	1.00	"							
Nickel	ND	1.00	"							
Selenium	ND	0.100	"							
Silver	ND	0.100	"							
Zinc	ND	37.0	"							

LCS (B4B2237-BS1)

Prepared: 02/23/2024 Analyzed: 03/02/2024

Arsenic	5.35	0.290	mg/kg	5.00		107	80-120			
Barium	502	10.0	"	500		100	80-120			
Cadmium	5.26	0.100	"	5.00		105	80-120			
Copper	51.6	10.0	"	50.0		103	80-120			
Lead	5.27	1.00	"	5.00		105	80-120			
Nickel	5.09	1.00	"	5.00		102	80-120			
Selenium	5.35	0.260	"	5.00		107	80-120			
Silver	5.46	0.100	"	5.00		109	80-120			
Zinc	53.2	37.0	"	50.0		106	80-120			

Matrix Spike (B4B2237-MS1)

Source: Y402557-14

Prepared: 02/23/2024 Analyzed: 02/27/2024

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

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

Batch B4B2237 - EPA 3050B

Matrix Spike (B4B2237-MS1)		Source: Y402557-14			Prepared: 02/23/2024 Analyzed: 02/27/2024					
Arsenic	7.83	0.260	mg/kg	4.48	3.04	107	75-125			
Barium	560	8.96	"	448	58.0	112	75-125			
Cadmium	5.20	0.0896	"	4.48	0.0822	114	75-125			
Copper	58.6	8.96	"	44.8	7.75	114	75-125			
Lead	11.1	0.896	"	4.48	6.34	106	75-125			
Nickel	13.1	0.896	"	4.48	9.48	81.5	75-125			
Selenium	5.31	0.0896	"	4.48	0.109	116	75-125			
Silver	4.99	0.0896	"	4.48	0.0454	110	75-125			
Zinc	76.9	33.1	"	44.8	29.3	106	75-125			

Matrix Spike Dup (B4B2237-MSD1)		Source: Y402557-14			Prepared: 02/23/2024 Analyzed: 02/27/2024					
Arsenic	8.20	0.275	mg/kg	4.75	3.04	109	75-125	4.66	20	
Barium	583	9.50	"	475	58.0	110	75-125	4.04	20	
Cadmium	5.45	0.0950	"	4.75	0.0822	113	75-125	4.70	20	
Copper	61.8	9.50	"	47.5	7.75	114	75-125	5.27	20	
Lead	11.0	0.950	"	4.75	6.34	99.0	75-125	0.308	20	
Nickel	14.0	0.950	"	4.75	9.48	95.4	75-125	6.50	20	
Selenium	6.11	0.0950	"	4.75	0.109	126	75-125	13.9	20	QM-07
Silver	5.20	0.0950	"	4.75	0.0454	109	75-125	4.04	20	
Zinc	80.2	35.1	"	47.5	29.3	107	75-125	4.22	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

Batch B4B2226 - EPA 3580

Blank (B4B2226-BLK1)

Prepared: 02/22/2024 Analyzed: 02/23/2024

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	200		ug/kg	200	100	60-130
Surrogate: Anthracene-d10	190		"	200	93.1	60-130
Surrogate: Pyrene-d10	190		"	200	94.9	60-130
Surrogate: Benzo (a) pyrene-d12	210		"	200	103	60-130

LCS (B4B2226-BS1)

Prepared: 02/22/2024 Analyzed: 02/23/2024

1-Methylnaphthalene	0.175	0.002	mg/kg	0.200	87.5	70-130
2-Methylnaphthalene	0.173	0.002	"	0.200	86.6	70-130
Acenaphthene	0.176	0.020	"	0.200	88.0	70-130
Anthracene	0.168	0.020	"	0.200	83.8	70-130

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

Batch B4B2226 - EPA 3580

LCS (B4B2226-BS1)

Prepared: 02/22/2024 Analyzed: 02/23/2024

Benzo (a) anthracene	0.190	0.005	mg/kg	0.200		94.8	70-130			
Benzo (a) pyrene	0.182	0.020	"	0.200		90.9	70-130			
Benzo (b) fluoranthene	0.177	0.020	"	0.200		88.4	70-130			
Benzo (g,h,i) perylene	0.178	0.020	"	0.200		89.0	70-130			
Benzo (k) fluoranthene	0.168	0.020	"	0.200		83.9	70-130			
Chrysene	0.181	0.020	"	0.200		90.7	70-130			
Dibenz (a,h) anthracene	0.180	0.020	"	0.200		90.1	70-130			
Fluoranthene	0.168	0.020	"	0.200		84.0	70-130			
Fluorene	0.179	0.020	"	0.200		89.4	70-130			
Indeno (1,2,3-cd) pyrene	0.182	0.020	"	0.200		90.9	70-130			
Naphthalene	0.180	0.002	"	0.200		89.9	70-130			
Phenanthrene	0.164	0.020	"	0.200		82.0	70-130			
Pyrene	0.163	0.020	"	0.200		81.5	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		93.5	60-130			
Surrogate: Pyrene-d10	190		"	200		94.2	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	60-130			

Matrix Spike (B4B2226-MS1)

Source: Y402554-01

Prepared: 02/22/2024 Analyzed: 02/23/2024

1-Methylnaphthalene	0.186	0.002	mg/kg	0.200	0.0007	92.8	70-130			
2-Methylnaphthalene	0.184	0.002	"	0.200	0.001	91.4	70-130			
Acenaphthene	0.187	0.020	"	0.200	ND	93.3	70-130			
Anthracene	0.178	0.020	"	0.200	0.0007	88.4	70-130			
Benzo (a) anthracene	0.199	0.005	"	0.200	0.0004	99.2	70-130			
Benzo (a) pyrene	0.190	0.020	"	0.200	ND	95.1	70-130			
Benzo (b) fluoranthene	0.196	0.020	"	0.200	0.002	96.9	70-130			
Benzo (g,h,i) perylene	0.188	0.020	"	0.200	0.001	93.6	70-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

Batch B4B2226 - EPA 3580

Matrix Spike (B4B2226-MS1)		Source: Y402554-01			Prepared: 02/22/2024 Analyzed: 02/23/2024					
Benzo (k) fluoranthene	0.186	0.020	mg/kg	0.200	0.0009	92.4	70-130			
Chrysene	0.197	0.020	"	0.200	0.001	97.8	70-130			
Dibenz (a,h) anthracene	0.189	0.020	"	0.200	ND	94.5	70-130			
Fluoranthene	0.189	0.020	"	0.200	0.0005	94.1	70-130			
Fluorene	0.189	0.020	"	0.200	ND	94.6	70-130			
Indeno (1,2,3-cd) pyrene	0.194	0.020	"	0.200	0.002	95.8	70-130			
Naphthalene	0.192	0.002	"	0.200	ND	96.2	70-130			
Phenanthrene	0.172	0.020	"	0.200	ND	86.2	70-130			
Pyrene	0.168	0.020	"	0.200	0.001	83.3	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	190		"	200		93.7	60-130			
Surrogate: Pyrene-d10	180		"	200		90.4	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

Matrix Spike Dup (B4B2226-MSD1)		Source: Y402554-01			Prepared: 02/22/2024 Analyzed: 02/23/2024					
1-Methylnaphthalene	0.190	0.002	mg/kg	0.200	0.0007	94.5	70-130	1.89	20	
2-Methylnaphthalene	0.188	0.002	"	0.200	0.001	93.2	70-130	1.96	20	
Acenaphthene	0.191	0.020	"	0.200	ND	95.3	70-130	2.12	20	
Anthracene	0.185	0.020	"	0.200	0.0007	92.3	70-130	4.28	20	
Benzo (a) anthracene	0.201	0.005	"	0.200	0.0004	100	70-130	1.05	20	
Benzo (a) pyrene	0.189	0.020	"	0.200	ND	94.3	70-130	0.828	20	
Benzo (b) fluoranthene	0.195	0.020	"	0.200	0.002	96.5	70-130	0.354	20	
Benzo (g,h,i) perylene	0.198	0.020	"	0.200	0.001	98.3	70-130	4.92	20	
Benzo (k) fluoranthene	0.168	0.020	"	0.200	0.0009	83.5	70-130	10.0	20	
Chrysene	0.195	0.020	"	0.200	0.001	97.0	70-130	0.775	20	
Dibenz (a,h) anthracene	0.199	0.020	"	0.200	ND	99.7	70-130	5.31	20	
Fluoranthene	0.184	0.020	"	0.200	0.0005	91.7	70-130	2.52	20	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

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

Batch B4B2226 - EPA 3580

Matrix Spike Dup (B4B2226-MSD1)	Source: Y402554-01			Prepared: 02/22/2024 Analyzed: 02/23/2024						
Fluorene	0.194	0.020	mg/kg	0.200	ND	96.8	70-130	2.34	20	
Indeno (1,2,3-cd) pyrene	0.205	0.020	"	0.200	0.002	101	70-130	5.70	20	
Naphthalene	0.195	0.002	"	0.200	ND	97.6	70-130	1.47	20	
Phenanthrene	0.182	0.020	"	0.200	ND	90.8	70-130	5.20	20	
Pyrene	0.178	0.020	"	0.200	0.001	88.4	70-130	5.96	20	
Surrogate: Fluorene-d10	200		ug/kg	200		99.7	60-130			
Surrogate: Anthracene-d10	190		"	200		94.1	60-130			
Surrogate: Pyrene-d10	190		"	200		94.1	60-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	60-130			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2310 - DTPA Sorbitol Preparation										
Blank (B4B2310-BLK1)					Prepared: 02/23/2024 Analyzed: 02/28/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4B2310-DUP1)		Source: Y402556-12			Prepared: 02/23/2024 Analyzed: 02/28/2024					
Boron	0.0428	0.100	mg/L		0.0271			44.8	50	
Batch B4B2311 - DTPA Sorbitol Preparation										
Blank (B4B2311-BLK1)					Prepared: 02/23/2024 Analyzed: 02/28/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4B2311-DUP1)		Source: Y402535-01			Prepared: 02/23/2024 Analyzed: 02/28/2024					
Boron	0.332	0.101	mg/L		0.286			14.9	50	
Batch B4B2317 - Saturated Paste Metals										
Blank (B4B2317-BLK1)					Prepared: 02/23/2024 Analyzed: 02/26/2024					
SAR	ND	0.0100	SAR							
Calcium PPM	ND	10.0	mg/L							
Magnesium PPM	ND	10.0	"							
Sodium PPM	ND	10.0	"							
Duplicate (B4B2317-DUP1)		Source: Y402536-01			Prepared: 02/23/2024 Analyzed: 02/26/2024					
SAR	ND	0.0100	SAR		0.407				200	
Calcium PPM	542	10.0	mg/L		540			0.325	50	
Magnesium PPM	82.0	10.0	"		80.9			1.26	50	
Sodium PPM	36.8	10.0	"		38.4			4.10	50	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Saturated Paste - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4B2318 - Saturated Paste pH/EC										
Blank (B4B2318-BLK1)					Prepared: 02/23/2024 Analyzed: 02/24/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
Duplicate (B4B2318-DUP1)					Source: Y402536-01 Prepared: 02/23/2024 Analyzed: 02/24/2024					
pH	8.45		pH Units		8.54			1.06	25	
Specific Conductance (EC)	2.33	0.00500	mmhos/cm		2.34			0.373	25	

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L737638 -										
DUP (L 98574-DUP)		Source: Y402558-11			Prepared: Analyzed: 03/11/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
MS (L 98574-MS)		Source: Y402558-11			Prepared: Analyzed: 03/11/2024					
Chromium, Hexavalent	18.4	2.5	mg/Kg	39.3	< 0.244	47	75-125			*
LCS (LCS)		Prepared: Analyzed: 03/11/2024								
Chromium, Hexavalent	6.36	0.5	mg/Kg	8		80	75-125			
LRB (LRB)		Prepared: Analyzed: 03/11/2024								
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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

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

Dan Coloccia
 Project Number: [none]
 Project: KMG - Ulrich 22-2L

Total Metals by 7196A - Quality Control
Waypoint Analytical, LLC.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch L737636 -										
DUP (L 98542-DUP)		Source: 98542			Prepared: Analyzed: 03/11/2024					
Chromium, Hexavalent	ND	0.5	mg/Kg		<0.500		-	0	20	
MS (L 98542-MS)		Source: 98542			Prepared: Analyzed: 03/11/2024					
Chromium, Hexavalent	31.9	2.5	mg/Kg	38.6	< 0.244	83	75-125			
LCS (LCS)		Prepared: Analyzed: 03/11/2024								
Chromium, Hexavalent	6.3	0.5	mg/Kg	8		79	75-125			
LRB (LRB)		Prepared: Analyzed: 03/11/2024								
Chromium, Hexavalent	ND	0.5	mg/Kg				-			

Origins Laboratory, Inc.



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

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

Dan Coloccia
Project Number: [none]
Project: KMG - Ulrich 22-2L

Notes and Definitions

U Sample is Non-Detect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

J Estimated Value. Analyte below reported quantitation limit.

* QC Failure

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

Origins Laboratory, Inc.



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

Jordan A. Bynon, Project Manager

ATTACHMENT B
FIELD NOTES AND PHOTOGRAPHIC LOG



Wellhead Closure Checklist 2

Additional Attachments (Optional)

Site Name Davis 12-15

Remediation Project #

Wellhead Information

Weather Snow, 30 degrees F

Client OXY

Location

Latitude 40.218971

Longitude -104.884187

General Condition of Site Good

USCS Soil Type *Sandy Clay / Sandy Clay*

Estimated Depth to Groundwater

Hydrocarbon Impacted Soils / Spills none observed

Salt Crusted Soils or Impacted Vegetation none observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	03/08/2024	02:10 PM	WHS-N01@3"	0.4	N.S	N.O	Wellhead Surface
R2	03/08/2024	02:12 PM	WHS-S01@3"	0.6	N.S	N.O	Wellhead Surface
R3	03/08/2024	02:14 PM	WHS-E01@3"	0.9	N.S	N.O	Wellhead Surface
R4	03/08/2024	02:16 PM	WHS-W01@3"	0.3	N.S	N.O	Wellhead Surface
R5	03/11/2024	02:18 PM	FL-BO1@3'	1.2	N.S	N.O	Flowline at Wellhead
R6	03/08/2024	02:20 PM	WH-B01@7'	2.6	N.S	N.O	Wellhead
R7	03/08/2024	02:22 PM	WH-N01@6'	0.4	N.S	N.O	Wellhead
R8	03/08/2024	02:24 PM	WH-S01@6'	0.3	N.S	N.O	Wellhead
R9	03/08/2024	02:26 PM	WH-E01@6'	2.0	N.S	N.O	Wellhead
R10	03/08/2024	02:28 PM	WH-W01@6'	2.3	N.S	N.O	Wellhead
R11	03/08/2024	02:30 PM	WH-BG01@3'	1.5	N.S	N.O	Wellhead Background
R12	03/08/2024	02:32 PM	WH-BG01@6'	1.3	N.S	N.O	Wellhead Background
R13	03/08/2024	02:34 PM	WH-BG02@3'	1.3	N.S	N.O	Wellhead Background
R14	03/08/2024	02:36 PM	WH-BG02@6'	1.2	N.S	N.O	Wellhead Background
R15	03/08/2024	02:38 PM	WH-BG03@3'	1.2	N.S	N.O	Wellhead Background
R16	03/08/2024	02:40 PM	WH-BG03@6'	1.0	N.S	N.O	Wellhead Background
R17	03/08/2024	02:42 PM	WH-BG04@3'	0.9	N.S	N.O	Wellhead Background
R18	03/08/2024	02:44 PM	WH-BG04@6'	0.7	N.S	N.O	Wellhead Background
R19	03/08/2024	02:46 PM	WH-BG05@3'	0.6	N.S	N.O	Wellhead Background

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R20	03/08/2024	02:48 PM	WH-BG05@6'	0.6	N.S	N.O	Wellhead Background
R21	04/18/2024	01:15 PM	WH-E02@3'	1.2	N.S	N.O	Wellhead
R22	05/07/2024	02:20 PM	FL-B02@3'	6.1	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



Facing north

R11 - P1



Facing north

R15 - P1



Facing north

R17 - P1



Facing north

R19 - P1



Facing north

R21 - P1



facing east

R22 - P1



Facing West

Other observations regarding wellheads

Summary

Was impacted soil identified?	No
Total number of soil samples field screened	22
Total number of soil samples collected	22
Highest PID Reading	6.1
Total number of soil samples submitted to lab for analysis	14
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	No
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	No
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	

**ATTACHMENT C
STATE NOTIFICATION**

From: Ochoa, Ariana

Sent: Thursday, May 9, 2024 12:09 PM

To: Bugarin, Eve M <Eve_Bugarin@oxy.com>; taylor.robinson@state.co.us; Jason Maxey <jmaxey@weldgov.com>; Roy Rudisill (rrudisill@co.weld.co.us) <rrudisill@co.weld.co.us>

Cc: Scranton, Lynna <Lynna_Scranton@oxy.com>; Mickelson, Erik <Erik_Mickelson@oxy.com>; Rowley, Taylor <Taylor_Rowley@oxy.com>; Lytle, Andy <Andrew_Lytle@oxy.com>; Jobe, Don <Don_Jobe@oxy.com>; Grage, Mark <Mark_Grage@oxy.com>; Brice, Jennifer <Jennifer_Brice@oxy.com>; Neely, Dewey (Plaville) <Dewey_Neely2@oxy.com>; Coleman, Julie <Julie_Coleman@oxy.com>; Riemer, Joseph <Joseph_Riemer@oxy.com>; Wells, Ma <Ma_hew_Wells@oxy.com>; Mathes, Robert <Robert_Mathes@oxy.com>; Hamilton, Gregory <Gregory_Hamilton@oxy.com>; Bartoszek, Jaron <Jaron_Bartoszek@oxy.com>

Subject: State Reportable Release 24 Hour Notification - DAVIS 12-15 Flowline

Good Morning,

We identified a state reportable release following the identification of historically impacted soil of an unknown volume. This release was not an active release. A Form 19 Release Report is forthcoming. This release did not threaten Waters of the State, Public Water System, residences or occupied structures, livestock, wildlife, air quality, or publicly-maintained roads.

The following have been notified via specified method below:

- Weld County contacted via electronic mail
- Surface Owner notification in process

The Environmental Release/Incident Report Hotline and Colorado Parks and Wildlife was not contacted as this release did not trigger notification requirements per 912.b.(2)B.

Location Details:

- Well Name: DAVIS 12-15 Wellhead
- Location: NWSW 15 3N 67W
- Latitude/Longitude: 40.218546, -104.877817
- Facility ID: 05-123- 21701

Please let me know if you have any questions.

Thank you,

Ariana Ochoa

Sr. HSE Advisor

Occidental Petroleum Corporation

t: (713) 350-4906

c: (832) 814-7792