December 7, 2023

Raelyn Hulquist
D.R. Horton
11241 Slater Avenue Northeast, Suite 200
Kirkland, Washington 98033

RE: Arsenic and Lead Soil Sampling and Testing
Morel Meadows
8322 Steilacoom Road Southeast
Lacey, Thurston County, Washington 98513
RGI Project No. 2022-007-5

Dear Raelyn Hulquist:

The Riley Group, Inc. (RGI) has conducted Arsenic and Lead Soil Sampling and Testing for the Morel Meadows property located at 8322 Steilacoom Road Southeast in Lacey, Thurston County, Washington 98513 (hereafter referred to as the Property, Figure 1).

This Arsenic and Lead Soil Sampling and Testing was performed at the request of D.R. Horton (hereafter referred to as the Client). The scope of work for this project was performed in accordance with RGI's *Arsenic and Lead Soil Sampling and Testing Proposal* (RGI proposal number 2022-007-PRP6) dated October 26, 2023, and authorized by the Client on November 3, 2023; and in accordance with Ecology's *2019 Tacoma Smelter Plume Model Remedies Guidance* (2019 TSP Guide).

PROJECT BACKGROUND

The approximately 33.86-acre Property is located in an area that may have been contaminated shallow soils with heavy metals originating from the former Asarco smelter in north Tacoma. The Property is mapped on Ecology's Facility Site Atlas Map in an area with a Predicted Arsenic Concentration (PAC) of 40.1 milligrams per kilogram (mg/kg) to 100 mg/kg. Ecology's MTCA Method A Cleanup Level (Method A CUL) for arsenic is 20 mg/kg (and the MTCA Method A CUL for lead is 250 mg/kg). Soil sampling was necessary to determine if arsenic and/or lead are present at the Property at concentrations exceeding Ecology's MTCA Method A CULs.

POTENTIAL CONTAMINANTS OF CONCERN

The following potential contaminants of concern (PCOCs) in soil related to this scope of work were identified for the Property:

- Arsenic
- Lead

SCOPE OF SERVICES

The scope of work for this project was performed in accordance with our proposal, dated October 26, 2023, and included the following:

- Performed public and private utility locating in an attempt to identify the location(s) of buried utility lines servicing the Property, which was completed by the Client's contractors.

- On November 14, 2023, RGI advanced sixty-nine (69) borings (HA1 through HA69) spread throughout the approximately 33.86-acre Property. Soil samples at all 69 boring locations were collected from 0 to 6 inches below ground surface (bgs). In addition, soil samples were collected from 6 to 12 inches bgs at 19 of the 69 boring locations. Furthermore, RGI collected 18 forest duff samples from forested locations on the Property.
- Submitted soil samples for laboratory analysis of PCOCs.
- Compared analytical results to the applicable MTCA Method A CULs for soil (WAC 173-340) for potential contaminants of concern and the 2019 TSP Guide.
- Prepared this report presenting our findings, observations, conclusions, and recommendations.

SHALLOW SUBSURFACE INVESTIGATION

PUBLIC UTILITY LOCATE

Public and private utility locates were conducted by the Client's contractors. Private locates were conducted on November 13, 2023, by the Client's contractors prior to the shallow subsurface investigation.

SOIL SAMPLING

On November 14, 2023, RGI advanced sixty-nine (69) borings (HA1 through HA69) with hand tools throughout the approximately 33.86-acre Property. Soil samples at all 69 boring locations were collected from 0 to 6 inches bgs. In addition, soil samples were collected from 6 to 12 inches bgs at 19 of the 69 boring locations.

FOREST DUFF SAMPLING

RGI collected eighteen (18) forest duff samples from forested locations on the Property. Each duff sample had six composited sub-sample locations.

SUBSURFACE CONDITIONS

During sampling activities, soil samples were collected, inspected, and classified by RGI's staff. Soil conditions encountered were described using the Unified Soil Classification System (USCS). Shallow subsurface soils encountered during sampling generally consisted of brown silty sand with gravel to brown sandy gravel to the maximum depth explored (12 inches bgs). Groundwater or saturated soils were not encountered during this investigation.

SAMPLING PROTOCOLS

All samples were collected in accordance with our standard operating and decontamination procedures. Each sample was transferred from the hand tools into a clean stainless-steel bowl and composited before being transferred to preconditioned, sterilized containers provided by an Ecology-accredited analytical laboratory. All tools and equipment used during soil sampling activities were cleaned in separate wash and rinse buckets prior to and between each sample. Additionally, nitrile gloves were worn during sampling activities and replaced with a clean pair between compositing and collection of each soil sample.

The samples were placed in a chilled cooler throughout the field program, with all subsequent transportation and transfer accomplished in strict accordance with RGI's chain-of-custody procedures. Analytical test certificates, including quality control, data, and chain-of-custody documentation for all samples submitted to the analytical testing laboratory by RGI as part of this soil sampling are included in Appendix A. All soil sample locations were backfilled with excavated material.

LABORATORY ANALYSIS AND RESULTS

Sixty-nine (69) soil samples and eighteen (18) forest duff samples were submitted for laboratory analyses. Soil and duff samples collected during this investigation were submitted to Friedman & Bruya, Inc. (FBI) of Seattle, Washington, for analysis of total arsenic and lead using EPA Method 6020B.

Soil and forest duff analytical results are included in the attached Table 1 and locations depicted on Figure 2 and are summarized below. Copies of the analytical laboratory reports from this investigation and associated sample chain-of-custody forms are included in Appendix A.

A summary of the results is provided here:

Sample Depth (inches)	Arsenic in mg/kg (EPA 6020B)			Lead in mg/kg (EPA 6020B)		
	Minimum	Maximum	Average	Minimum	Maximum	Average
0 (forest duff)	3.87	15.5	7.82	13.8	50.1	28.06
0-6 (soil)	<1	37.7*	5.91	<1	49.2	9.78
6-12 (soil)	1.64	12.3	5.68	2.17	38.1	12.80
MTCA Cleanup Levels		40	20		500	250

*Soil sample HA12-0.5 had an initial laboratory reported arsenic concentration of 42.2 mg/kg. However, when the laboratory reanalyzed the sample at the request of RGI, the reported arsenic concentration was only 33.1 mg/kg. FBI specified that the EPA Method 6020B analysis has a 10% error range. Therefore, the initial HA12-0.5 arsenic result could have an actual concentration between 38.0 and 46.4 mg/kg, and the reanalysis result could have an actual concentration between 29.8 and 36.4 mg/kg. Given these potential ranges, it is likely that the actual concentration for arsenic in soils at the HA12-0.5 sample location is between 36.4 and 38.0 mg/kg. Furthermore, FBI noted that the difference in results may be due to inhomogeneity of arsenic particles within the sample, which they indicated frequently occurs for metals in soils. The 2019 TSP Guide recommended methodology for soil sampling and testing includes a thoroughly mixed, homogenized soil sample for each 6-inch soil interval. If the HA12-0.5 soil sample was fully homogenized, the arsenic concentration in the sample would likely average between the initial and reanalysis results (an average of 37.7 mg/kg). The average arsenic concentration of 37.7 mg/kg is more representative of the soils in the HA12-0.5 sample location than the spike initially reported by the lab.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this investigation, shallow soils intercepted by our borings are in compliance with Ecology's MTCA Method A CULs (WAC 173-340-900 Table 740-1) and the 2019 TSP Guide. No further investigation is recommended or warranted regarding the Tacoma Smelter Plume.

LIMITATIONS

This report is the property of RGI, D.R. Horton, and their authorized representatives or affiliates and was prepared in a manner consistent with the level of skill and care ordinarily exercised by members of the profession currently practicing in the same locality and under similar conditions. This report is intended for specific application to the Morel Meadows property located at 8322 Steilacoom Road Southeast in Lacey, Thurston County, Washington 98513. No other warranty, expressed or implied, is made.

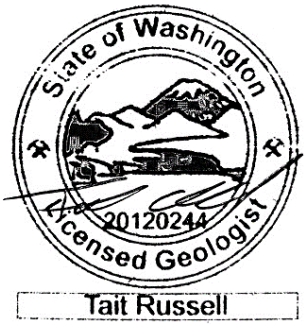
The analyses and recommendations presented in this report are based upon data obtained from our review of available information at the time of preparing this report, soil sampling conducted on the Property, or other noted data sources. Conditional changes may occur through time by natural or human-made processes on this or adjacent properties. Additional changes may occur in legislative standards, which may or may not be applicable to this report. These changes, beyond RGI's control, may render this

report invalid, partially or wholly. If variations appear evident, RGI should be requested to reevaluate the recommendations in this report.

Please contact the undersigned at (425) 415-0551 should you have any questions or need additional information.

Sincerely,

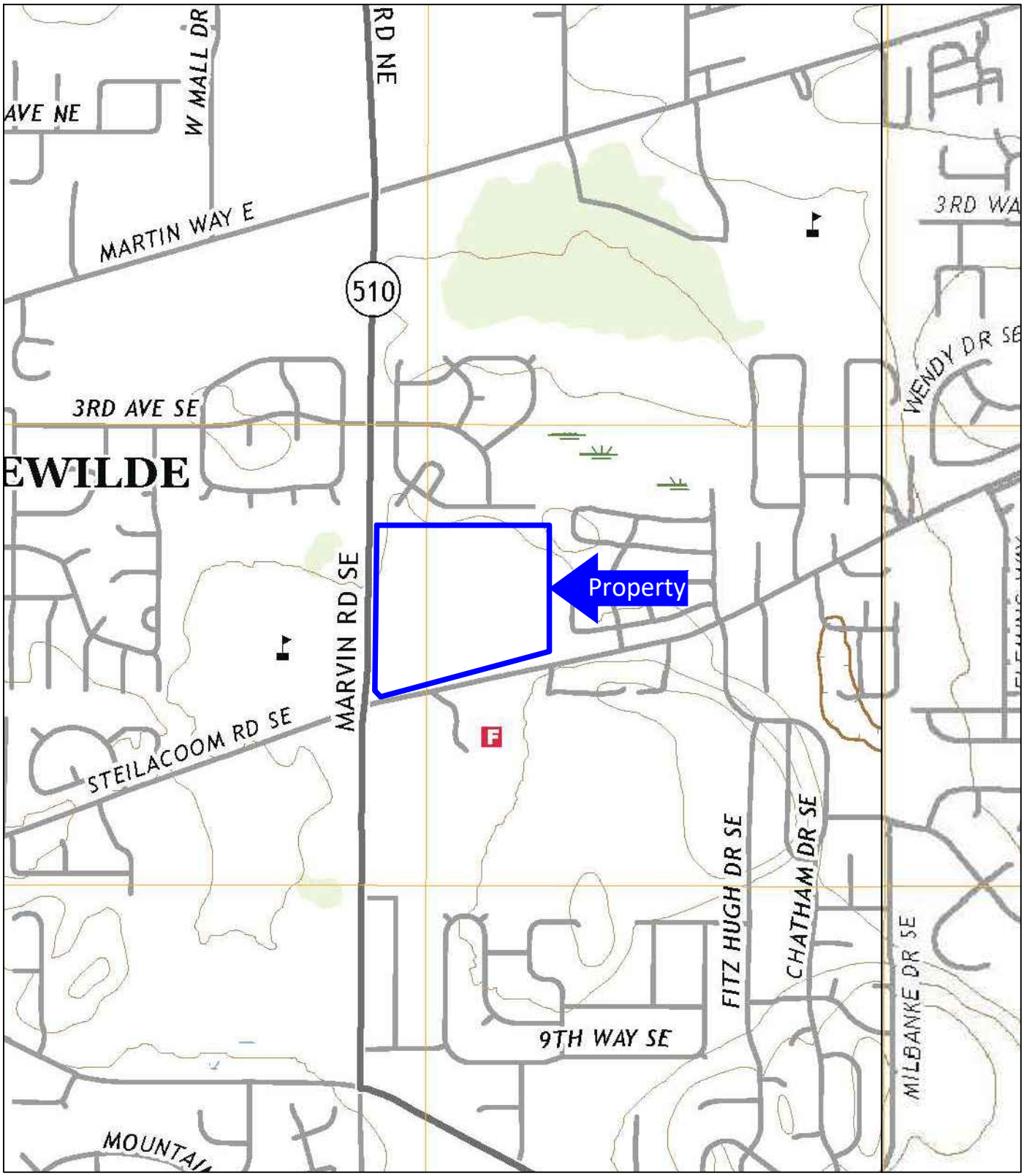
THE RILEY GROUP, INC.



Grace Shaw	Tait Russell, LG	Megan Poysnick, LG
Staff Geologist	Project Geologist	Senior Environmental Manager

Distribution: *Raelyn Hulquist, D.R. Horton (PDF)*

Attachments: *Figure 1, Property Vicinity Map*
Figure 2, Property Representation with Soil Sample Locations
Table 1, Summary of Soil Sample Analytical Laboratory Results
Appendix A, Analytical Laboratory Reports and Chains of Custody



USGS, 2020, Nisqually, Washington
USGS, 2020, Lacey, Washington
7.5-Minute Quadrangle

Approximate Scale: 1"=1000'

0 500 1000 2000

N

RILEYGROUP
Corporate Office
17522 Bothell Way Northeast
Bothell, Washington 98011
Phone: 425.415.0551
Fax: 425.415.0311

Morel Meadows		Figure 1
RGI Project Number: 2022-007-5	Property Vicinity Map	Date Drawn: 12/2023
Address: 8322 Steilacoom Road Southeast, Lacey, Washington 98513		

DF = Forest duff samples by RGI, 11/14/2023

HA = Borings by RGI (0-6 inches), 11/14/2023

HA = Borings by RGI (0-6 inches and 6-12 inches), 11/14/2023

MFR = Multi-family residence

SFR = Single-family residence

= Property boundary

Approximate Scale: 1" = 180'

0 90 180 360 N

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Morel Meadows		Figure 2
RGI Project Number: 2022-007-5	Property Representation with Soil Sample Locations	Date Drawn: 12/2023
Address: 8322 Steilacoom Road Southeast, Lacey, Washington 98513		

Table 1. Page 1 of 3. Summary of Soil Sample Analytical Laboratory Results
Morel Meadows
8322 Steilacoom Road Southeast, Lacey, Washington 98513
The Riley Group, Inc. Project No. 2022-007-5

Sample Number	Sample Depth	Sample Date	Total Metals	
			As	Pb
HA1- 0.5	0.5	11/14/2023	**11.5**	**28.9**
HA1-1	1	11/14/2023	**6.86**	**14.5**
HA2-0.5	0.5	11/14/2023	**12.1**	**30.4**
HA3-0.5	0.5	11/14/2023	**26.0**	**47.5**
HA4-0.5	0.5	11/14/2023	**7.54**	**6.33**
HA5-0.5	0.5	11/14/2023	**2.34**	**2.62**
HA5-1	1	11/14/2023	**1.96**	**2.17**
HA6-0.5	0.5	11/14/2023	**2.34**	**4.19**
HA7-0.5	0.5	11/14/2023	**6.66**	**10.3**
HA8-0.5	0.5	11/14/2023	**4.16**	**6.02**
HA9-0.5	0.5	11/14/2023	**13.9**	**15.0**
HA9-1	1	11/14/2023	**11.6**	**11.6**
HA10-0.5	0.5	11/14/2023	**7.03**	**10.6**
HA11-0.5	0.5	11/14/2023	**6.68**	**15.3**
HA12-0.5	0.5	11/14/2023	**37.7***	**22.6**
HA13-0.5	0.5	11/14/2023	**5.25**	**4.46**
HA13-1	1	11/14/2023	**5.89**	**5.17**
HA14-0.5	0.5	11/14/2023	**4.34**	**6.34**
HA15-0.5	0.5	11/14/2023	**6.32**	**7.66**
HA16-0.5	0.5	11/14/2023	**7.77**	**10.7**
HA16-1	1	11/14/2023	**6.60**	**7.79**
HA17-0.5	0.5	11/14/2023	**7.74**	**25.7**
HA17-1	1	11/14/2023	**5.66**	**16.1**
HA18-0.5	0.5	11/14/2023	**4.87**	**9.84**
HA19-0.5	0.5	11/14/2023	**1.93**	**2.24**
HA19-1	1	11/14/2023	**2.19**	**2.37**
HA20-0.5	0.5	11/14/2023	**5.26**	**11.0**
HA21-0.5	0.5	11/14/2023	**5.59**	**5.74**
HA21-1	1	11/14/2023	**7.49**	**6.07**
HA22-0.5	0.5	11/14/2023	**6.51**	**9.88**
HA23-0.5	0.5	11/14/2023	**6.04**	**7.58**
HA23-1	1	11/14/2023	**4.59**	**6.17**
HA24-0.5	0.5	11/14/2023	**5.69**	**11.0**
HA25-0.5	0.5	11/14/2023	**2.12**	**2.21**
HA26-0.5	0.5	11/14/2023	**2.64**	**2.87**
HA27-0.5	0.5	11/14/2023	**2.01**	**5.77**
HA28-0.5	0.5	11/14/2023	**3.20**	**2.69**
HA29-0.5	0.5	11/14/2023	**2.32**	**1.85**
HA29-1	1	11/14/2023	**1.64**	**3.09**
HA30-0.5	0.5	11/14/2023	**2.06**	**2.34**
HA31-0.5	0.5	11/14/2023	**1.93**	**33.1**
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses			**20**	**250**

Table 1. Page 2 of 3. Summary of Soil Sample Analytical Laboratory Results
Morel Meadows
8322 Steilacoom Road Southeast, Lacey, Washington 98513
The Riley Group, Inc. Project No. 2022-007-5

Sample Number	Sample Depth	Sample Date	Total Metals	
			As	Pb
HA32-0.5	0.5	11/14/2023	**2.64**	**3.35**
HA33-0.5	0.5	11/14/2023	**2.60**	**5.06**
HA33-1	1	11/14/2023	**4.14**	**9.94**
HA34-0.5	0.5	11/14/2023	ND<1	**1.03**
HA35-0.5	0.5	11/14/2023	**2.92**	**6.62**
HA36-0.5	0.5	11/14/2023	**2.01**	**1.66**
HA37-0.5	0.5	11/14/2023	**2.19**	**2.21**
HA38-0.5	0.5	11/14/2023	**5.28**	**11.6**
HA38-1	1	11/14/2023	**12.30**	**35.3**
HA39-0.5	0.5	11/14/2023	**4.45**	**7.27**
HA40-0.5	0.5	11/14/2023	**5.03**	**5.30**
HA40-1	1	11/14/2023	**3.63**	**5.24**
HA41-0.5	0.5	11/14/2023	**1.94**	**2.01**
HA42-0.5	0.5	11/14/2023	**1.78**	**1.25**
HA43-0.5	0.5	11/14/2023	**3.04**	**1.84**
HA44-0.5	0.5	11/14/2023	**2.91**	**3.06**
HA45-0.5	0.5	11/14/2023	**2.35**	**2.60**
HA45-1	1	11/14/2023	**2.58**	**2.67**
HA46-0.5	0.5	11/14/2023	**1.86**	**1.61**
HA47-0.5	0.5	11/14/2023	**ND<1**	**ND<1**
HA48-0.5	0.5	11/14/2023	**2.08**	**5.39**
HA49-0.5	0.5	11/14/2023	**2.97**	**3.87**
HA50-0.5	0.5	11/14/2023	**4.04**	**3.62**
HA51-0.5	0.5	11/14/2023	**1.21**	**1.38**
HA52-0.5	0.5	11/14/2023	**2.72**	**3.22**
HA53-0.5	0.5	11/14/2023	**2.06**	**4.13**
HA54-0.5	0.5	11/14/2023	**8.86**	**12.3**
HA55-0.5	0.5	11/14/2023	**7.10**	**14.5**
HA56-0.5	0.5	11/14/2023	**3.51**	**11.7**
HA57-0.5	0.5	11/14/2023	**6.66**	**49.2**
HA57-1	1	11/14/2023	**5.31**	**30.7**
HA58-0.5	0.5	11/14/2023	**10.5**	**4.81**
HA59-0.5	0.5	11/14/2023	**4.16**	**10.1**
HA59-1	1	11/14/2023	**4.49**	**9.52**
HA60-0.5	0.5	11/14/2023	**2.60**	**5.78**
HA61-0.5	0.5	11/14/2023	**2.31**	**2.02**
HA62-0.5	0.5	11/14/2023	**1.15**	**2.54**
HA63-0.5	0.5	11/14/2023	**5.42**	**12.3**
HA64-0.5	0.5	11/14/2023	**3.97**	**8.57**
HA65-0.5	0.5	11/14/2023	**7.51**	**29.7**
HA65-1	1	11/14/2023	**9.65**	**38.1**
HA66-0.5	0.5	11/14/2023	**4.92**	**21.1**
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses			**20**	**250**

Table 1. Page 3 of 3. Summary of Soil Sample Analytical Laboratory Results
Morel Meadows
8322 Steilacoom Road Southeast, Lacey, Washington 98513
The Riley Group, Inc. Project No. 2022-007-5

Sample Number	Sample Depth	Sample Date	Total Metals	
			As	Pb
HA67-0.5	0.5	11/14/2023	**4.36**	**17.1**
HA67-1	1	11/14/2023	**2.2**	**4.83**
HA68-0.5	0.5	11/14/2023	**16.9**	**10.3**
HA69-0.5	0.5	11/14/2023	**6.64**	**21.3**
HA69-1	1	11/14/2023	**9.11**	**31.9**
DF1	0	11/14/2023	**15.5**	**45.9**
DF2	0	11/14/2023	**14.1**	**18.4**
DF3	0	11/14/2023	**11.4**	**17.8**
DF4	0	11/14/2023	**9.45**	**33.4**
DF5	0	11/14/2023	**6.59**	**30.7**
DF6	0	11/14/2023	**9.77**	**40.7**
DF7	0	11/14/2023	**9.09**	**30.8**
DF8	0	11/14/2023	**6.60**	**15.7**
DF9	0	11/14/2023	**5.67**	**13.8**
DF10	0	11/14/2023	**6.09**	**15.5**
DF11	0	11/14/2023	**5.72**	**15.4**
DF12	0	11/14/2023	**10.4**	**27.4**
DF13	0	11/14/2023	**5.37**	**50.1**
DF14	0	11/14/2023	**6.66**	**35.6**
DF15	0	11/14/2023	**4.59**	**28.1**
DF16	0	11/14/2023	**5.08**	**38.1**
DF17	0	11/14/2023	**4.79**	**28.3**
DF18	0	11/14/2023	**3.87**	**19.3**
MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses			**20**	**250**

Notes:

All results and detection limits are given in milligrams per kilogram (mg/kg); equivalent to parts per million (ppm).

Sample Depth = Soil sample depth interval in feet below ground surface (bgs).

Total Metals (As = arsenic, Pb = lead) determined using EPA Method 6020B.

* = The average of the initial arsenic concentration result of 42.2 mg/kg and the reanalysis result of 33.1 mg/kg.

ND = Not detected at a concentration above the analytical detection limit.

---- = Not analyzed or not applicable.

Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A Soil Cleanup Levels for Unrestricted Land Uses (WAC 173-340-900, Table 740-1).

Bold results indicate concentrations (if any) above laboratory detection limits.

Bold and yellow highlighted results indicate concentrations (if any) that exceed MTCA Method A Soil Cleanup Levels.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 28, 2023

Tait Russell, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

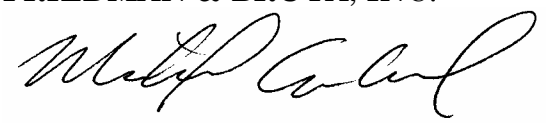
Dear Mr Russell:

Included are the results from the testing of material submitted on November 16, 2023 from the Morel Meadows 2022-007-05, F&BI 311271 project. There are 122 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRG1128R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 16, 2023 by Friedman & Bruya, Inc. from the The Riley Group Morel Meadows, F&BI 311271 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
311271 -01	HA1-0.5
311271 -02	HA1-1
311271 -03	HA2-0.5
311271 -04	HA3-0.5
311271 -05	HA4-0.5
311271 -06	HA5-0.5
311271 -07	HA5-1
311271 -08	HA6-0.5
311271 -09	HA7-0.5
311271 -10	HA8-0.5
311271 -11	HA9-0.5
311271 -12	HA9-1
311271 -13	HA10-0.5
311271 -14	HA11-0.5
311271 -15	HA12-0.5
311271 -16	HA13-0.5
311271 -17	HA13-1
311271 -18	HA14-0.5
311271 -19	HA15-0.5
311271 -20	HA16-0.5
311271 -21	HA16-1
311271 -22	HA17-0.5
311271 -23	HA17-1
311271 -24	HA18-0.5
311271 -25	HA19-0.5
311271 -26	HA19-1
311271 -27	HA20-0.5
311271 -28	HA21-0.5
311271 -29	HA21-1
311271 -30	HA22-0.5
311271 -31	HA23-0.5
311271 -32	HA23-1
311271 -33	HA24-0.5
311271 -34	HA25-0.5
311271 -35	HA26-0.5
311271 -36	HA27-0.5

CASE NARRATIVE (continued)

Laboratory ID	The Riley Group
311271 -37	HA28-0.5
311271 -38	HA29-0.5
311271 -39	HA29-1
311271 -40	HA30-0.5
311271 -41	HA31-0.5
311271 -42	HA32-0.5
311271 -43	HA33-0.5
311271 -44	HA33-1
311271 -45	HA34-0.5
311271 -46	HA35-0.5
311271 -47	HA36-0.5
311271 -48	HA37-0.5
311271 -49	HA38-0.5
311271 -50	HA38-1
311271 -51	HA39-0.5
311271 -52	HA40-0.5
311271 -53	HA40-1
311271 -54	HA41-0.5
311271 -55	HA42-0.5
311271 -56	HA43-0.5
311271 -57	HA44-0.5
311271 -58	HA45-0.5
311271 -59	HA45-1
311271 -60	HA46-0.5
311271 -61	HA47-0.5
311271 -62	HA48-0.5
311271 -63	HA49-0.5
311271 -64	HA50-0.5
311271 -65	HA51-0.5
311271 -66	HA52-0.5
311271 -67	HA53-0.5
311271 -68	HA54-0.5
311271 -69	HA55-0.5
311271 -70	HA56-0.5
311271 -71	HA57-0.5
311271 -72	HA57-1
311271 -73	HA58-0.5
311271 -74	HA59-0.5

CASE NARRATIVE (continued)

Laboratory ID	The Riley Group
311271 -75	HA59-1
311271 -76	HA60-0.5
311271 -77	HA61-0.5
311271 -78	HA62-0.5
311271 -79	HA63-0.5
311271 -80	HA64-0.5
311271 -81	HA65-0.5
311271 -82	HA65-1
311271 -83	HA66-0.5
311271 -84	HA67-0.5
311271 -85	HA67-1
311271 -86	HA68-0.5
311271 -87	HA69-0.5
311271 -88	HA69-1
311271 -89	DF1
311271 -90	DF2
311271 -91	DF3
311271 -92	DF4
311271 -93	DF5
311271 -94	DF6
311271 -95	DF7
311271 -96	DF8
311271 -97	DF9
311271 -98	DF10
311271 -99	DF11
311271 -100	DF12
311271 -101	DF13
311271 -102	DF14
311271 -103	DF15
311271 -104	DF16
311271 -105	DF17
311271 -106	DF18

All quality control requirements were acceptable.

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA1-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-01
Date Analyzed:	11/17/23	Data File:	311271-01.099
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	11.5
Lead	28.9

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA1-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-02
Date Analyzed:	11/19/23	Data File:	311271-02.084
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.86
Lead	14.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA2-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-03
Date Analyzed:	11/19/23	Data File:	311271-03.085
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	12.1
Lead	30.4

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA3-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-04
Date Analyzed:	11/19/23	Data File:	311271-04.096
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	26.0
Lead	47.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA4-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-05
Date Analyzed:	11/19/23	Data File:	311271-05.097
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.54
Lead	6.33

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA5-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-06
Date Analyzed:	11/19/23	Data File:	311271-06.098
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.34
Lead	2.62

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA5-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-07
Date Analyzed:	11/19/23	Data File:	311271-07.106
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.96
Lead	2.17

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA6-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-08
Date Analyzed:	11/19/23	Data File:	311271-08.107
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.34
Lead	4.19

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA7-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-09
Date Analyzed:	11/19/23	Data File:	311271-09.108
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.66
Lead	10.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA8-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-10
Date Analyzed:	11/19/23	Data File:	311271-10.109
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.16
Lead	6.02

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA9-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-11
Date Analyzed:	11/19/23	Data File:	311271-11.110
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	13.9
Lead	15.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA9-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-12
Date Analyzed:	11/19/23	Data File:	311271-12.111
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	11.6
Lead	11.6

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA10-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-13
Date Analyzed:	11/20/23	Data File:	311271-13.144
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.03
Lead	10.6

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA11-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-14
Date Analyzed:	11/20/23	Data File:	311271-14.145
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.68
Lead	15.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA12-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-15
Date Analyzed:	11/20/23	Data File:	311271-15.146
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	42.2
Lead	22.6

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA13-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-16
Date Analyzed:	11/20/23	Data File:	311271-16.147
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.25
Lead	4.46

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA13-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-17
Date Analyzed:	11/20/23	Data File:	311271-17.148
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.89
Lead	5.17

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA14-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-18
Date Analyzed:	11/20/23	Data File:	311271-18.149
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.34
Lead	6.34

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA15-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-19
Date Analyzed:	11/17/23	Data File:	311271-19.116
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.32
Lead	7.66

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA16-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-20
Date Analyzed:	11/20/23	Data File:	311271-20.150
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.77
Lead	10.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA16-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-21
Date Analyzed:	11/20/23	Data File:	311271-21.151
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.60
Lead	7.79

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA17-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-22
Date Analyzed:	11/20/23	Data File:	311271-22.152
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.74
Lead	25.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA17-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-23
Date Analyzed:	11/20/23	Data File:	311271-23.153
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.66
Lead	16.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA18-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-24
Date Analyzed:	11/20/23	Data File:	311271-24.156
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.87
Lead	9.84

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA19-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-25
Date Analyzed:	11/20/23	Data File:	311271-25.157
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.93
Lead	2.24

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA19-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-26
Date Analyzed:	11/20/23	Data File:	311271-26.158
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.19
Lead	2.37

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA20-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-27
Date Analyzed:	11/20/23	Data File:	311271-27.159
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.26
Lead	11.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA21-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-28
Date Analyzed:	11/20/23	Data File:	311271-28.160
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.59
Lead	5.74

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA21-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-29
Date Analyzed:	11/20/23	Data File:	311271-29.161
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.49
Lead	6.07

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA22-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-30
Date Analyzed:	11/20/23	Data File:	311271-30.162
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.51
Lead	9.88

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA23-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-31
Date Analyzed:	11/20/23	Data File:	311271-31.163
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.04
Lead	7.58

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA23-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-32
Date Analyzed:	11/20/23	Data File:	311271-32.164
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.59
Lead	6.17

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA24-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-33
Date Analyzed:	11/20/23	Data File:	311271-33.165
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.69
Lead	11.0

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA25-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-34
Date Analyzed:	11/20/23	Data File:	311271-34.168
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.12
Lead	2.21

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA26-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-35
Date Analyzed:	11/20/23	Data File:	311271-35.169
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.64
Lead	2.87

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA27-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-36
Date Analyzed:	11/20/23	Data File:	311271-36.170
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.01
Lead	5.77

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA28-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-37
Date Analyzed:	11/20/23	Data File:	311271-37.171
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.20
Lead	2.69

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA29-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-38
Date Analyzed:	11/20/23	Data File:	311271-38.172
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.32
Lead	1.85

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA29-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-39
Date Analyzed:	11/18/23	Data File:	311271-39.124
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.64
Lead	3.09

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA30-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-40
Date Analyzed:	11/20/23	Data File:	311271-40.173
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.06
Lead	2.34

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA31-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-41
Date Analyzed:	11/20/23	Data File:	311271-41.174
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.93
Lead	33.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA32-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-42
Date Analyzed:	11/20/23	Data File:	311271-42.175
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.64
Lead	3.35

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA33-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-43
Date Analyzed:	11/20/23	Data File:	311271-43.176
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.60
Lead	5.06

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA33-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-44
Date Analyzed:	11/20/23	Data File:	311271-44.177
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.14
Lead	9.94

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA34-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-45
Date Analyzed:	11/20/23	Data File:	311271-45.180
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	1.03

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA35-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-46
Date Analyzed:	11/20/23	Data File:	311271-46.181
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.92
Lead	6.62

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA36-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-47
Date Analyzed:	11/20/23	Data File:	311271-47.182
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.01
Lead	1.66

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA37-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-48
Date Analyzed:	11/20/23	Data File:	311271-48.183
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.19
Lead	2.21

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA38-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-49
Date Analyzed:	11/20/23	Data File:	311271-49.184
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.28
Lead	11.6

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA38-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-50
Date Analyzed:	11/20/23	Data File:	311271-50.185
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	12.3
Lead	35.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA39-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-51
Date Analyzed:	11/20/23	Data File:	311271-51.186
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.45
Lead	7.27

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA40-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-52
Date Analyzed:	11/20/23	Data File:	311271-52.187
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.03
Lead	5.30

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA40-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-53
Date Analyzed:	11/20/23	Data File:	311271-53.188
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.63
Lead	5.24

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA41-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-54
Date Analyzed:	11/20/23	Data File:	311271-54.189
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.94
Lead	2.01

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA42-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-55
Date Analyzed:	11/20/23	Data File:	311271-55.192
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.78
Lead	1.25

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA43-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-56
Date Analyzed:	11/20/23	Data File:	311271-56.193
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.04
Lead	1.84

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA44-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-57
Date Analyzed:	11/20/23	Data File:	311271-57.194
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.91
Lead	3.06

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA45-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-58
Date Analyzed:	11/20/23	Data File:	311271-58.195
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.35
Lead	2.60

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA45-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-59
Date Analyzed:	11/18/23	Data File:	311271-59.164
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.58
Lead	2.67

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA46-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-60
Date Analyzed:	11/20/23	Data File:	311271-60.036
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.86
Lead	1.61

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA47-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-61
Date Analyzed:	11/20/23	Data File:	311271-61.037
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA48-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-62
Date Analyzed:	11/20/23	Data File:	311271-62.038
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.08
Lead	5.39

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA49-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-63
Date Analyzed:	11/20/23	Data File:	311271-63.039
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.97
Lead	3.87

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA50-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-64
Date Analyzed:	11/20/23	Data File:	311271-64.040
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.04
Lead	3.62

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA51-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-65
Date Analyzed:	11/20/23	Data File:	311271-65.041
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.21
Lead	1.38

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA52-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-66
Date Analyzed:	11/20/23	Data File:	311271-66.042
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.72
Lead	3.22

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA53-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-67
Date Analyzed:	11/20/23	Data File:	311271-67.043
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.06
Lead	4.13

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA54-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-68
Date Analyzed:	11/20/23	Data File:	311271-68.044
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	8.86
Lead	12.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA55-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-69
Date Analyzed:	11/20/23	Data File:	311271-69.045
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.10
Lead	14.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA56-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-70
Date Analyzed:	11/20/23	Data File:	311271-70.048
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.51
Lead	11.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA57-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-71
Date Analyzed:	11/20/23	Data File:	311271-71.059
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.66
Lead	49.2

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA57-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-72
Date Analyzed:	11/20/23	Data File:	311271-72.121
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.31
Lead	30.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA58-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-73
Date Analyzed:	11/20/23	Data File:	311271-73.122
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	10.5
Lead	4.81

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA59-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-74
Date Analyzed:	11/20/23	Data File:	311271-74.131
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.16
Lead	10.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA59-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-75
Date Analyzed:	11/20/23	Data File:	311271-75.132
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.49
Lead	9.52

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA60-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-76
Date Analyzed:	11/20/23	Data File:	311271-76.133
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.60
Lead	5.78

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA61-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-77
Date Analyzed:	11/20/23	Data File:	311271-77.134
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.31
Lead	2.02

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA62-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-78
Date Analyzed:	11/20/23	Data File:	311271-78.169
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	1.15
Lead	2.54

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA63-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-79
Date Analyzed:	11/18/23	Data File:	311271-79.174
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.42
Lead	12.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA64-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-80
Date Analyzed:	11/20/23	Data File:	311271-80.170
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.97
Lead	8.57

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA65-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-81
Date Analyzed:	11/20/23	Data File:	311271-81.171
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	7.51
Lead	29.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA65-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-82
Date Analyzed:	11/20/23	Data File:	311271-82.180
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.65
Lead	38.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA66-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-83
Date Analyzed:	11/20/23	Data File:	311271-83.181
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.92
Lead	21.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA67-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-84
Date Analyzed:	11/20/23	Data File:	311271-84.182
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.36
Lead	17.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA67-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-85
Date Analyzed:	11/20/23	Data File:	311271-85.183
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	2.20
Lead	4.83

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA68-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-86
Date Analyzed:	11/20/23	Data File:	311271-86.184
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	16.9
Lead	10.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA69-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-87
Date Analyzed:	11/20/23	Data File:	311271-87.193
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.64
Lead	21.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA69-1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-88
Date Analyzed:	11/20/23	Data File:	311271-88.194
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.11
Lead	31.9

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF1	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-89
Date Analyzed:	11/20/23	Data File:	311271-89.195
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	15.5
Lead	45.9

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF2	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-90
Date Analyzed:	11/20/23	Data File:	311271-90.196
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	14.1
Lead	18.4

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF3	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-91
Date Analyzed:	11/20/23	Data File:	311271-91.197
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	11.4
Lead	17.8

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF4	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-92
Date Analyzed:	11/21/23	Data File:	311271-92.208
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.45
Lead	33.4

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-93
Date Analyzed:	11/21/23	Data File:	311271-93.209
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.59
Lead	30.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF6	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-94
Date Analyzed:	11/21/23	Data File:	311271-94.210
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.77
Lead	40.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF7	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-95
Date Analyzed:	11/21/23	Data File:	311271-95.148
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	9.09
Lead	30.8

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF8	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-96
Date Analyzed:	11/22/23	Data File:	311271-96.209
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.60
Lead	15.7

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF9	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-97
Date Analyzed:	11/22/23	Data File:	311271-97.210
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.67
Lead	13.8

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF10	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-98
Date Analyzed:	11/22/23	Data File:	311271-98.211
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.09
Lead	15.5

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF11	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-99
Date Analyzed:	11/22/23	Data File:	311271-99.212
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.72
Lead	15.4

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF12	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-100
Date Analyzed:	11/22/23	Data File:	311271-100.213
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	10.4
Lead	27.4

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF13	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-101
Date Analyzed:	11/22/23	Data File:	311271-101.216
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.37
Lead	50.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF14	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-102
Date Analyzed:	11/22/23	Data File:	311271-102.217
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	6.66
Lead	35.6

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF15	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-103
Date Analyzed:	11/22/23	Data File:	311271-103.218
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.59
Lead	28.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF16	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-104
Date Analyzed:	11/22/23	Data File:	311271-104.219
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	5.08
Lead	38.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF17	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-105
Date Analyzed:	11/22/23	Data File:	311271-105.220
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	4.79
Lead	28.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	DF18	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	311271-106
Date Analyzed:	11/22/23	Data File:	311271-106.221
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	3.87
Lead	19.3

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	I3-916 mb
Date Analyzed:	11/20/23	Data File:	I3-916 mb.120
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	I3-917 mb
Date Analyzed:	11/17/23	Data File:	I3-917 mb.109
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	I3-918 mb
Date Analyzed:	11/17/23	Data File:	I3-918 mb.111
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	I3-919 mb
Date Analyzed:	11/18/23	Data File:	I3-919 mb.162
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	I3-920 mb
Date Analyzed:	11/18/23	Data File:	I3-920 mb.170
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/17/23	Lab ID:	I3-921 mb
Date Analyzed:	11/18/23	Data File:	I3-921 mb.180
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1
Lead	<1

Date of Report: 11/28/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-01 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	9.98	88 b	120 b	75-125	31 b
Lead	mg/kg (ppm)	50	26.4	95 b	111 b	75-125	16 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	83	80-120
Lead	mg/kg (ppm)	50	90	80-120

Date of Report: 11/28/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-19 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	5.03	113 b	109 b	75-125	4 b
Lead	mg/kg (ppm)	50	6.55	101	104	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	85	80-120
Lead	mg/kg (ppm)	50	94	80-120

Date of Report: 11/28/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-39 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	87	100	75-125	14
Lead	mg/kg (ppm)	50	<5	91	99	75-125	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	88	80-120
Lead	mg/kg (ppm)	50	95	80-120

Date of Report: 11/28/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-59 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	2.32	89 b	100 b	75-125	12 b
Lead	mg/kg (ppm)	50	2.40	90	92	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	92	80-120
Lead	mg/kg (ppm)	50	95	80-120

Date of Report: 11/28/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-79 x5 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	<5	101	124	75-125	20
Lead	mg/kg (ppm)	50	10.9	109 b	111 b	75-125	2 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	82	80-120
Lead	mg/kg (ppm)	50	91	80-120

Date of Report: 11/28/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-99 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	4.79	146 b	125 b	75-125	15 b
Lead	mg/kg (ppm)	50	13.7	81 b	87 b	75-125	7 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	87	80-120
Lead	mg/kg (ppm)	50	94	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

311271

SAMPLE CHAIN OF CUSTODY

11/16/23 04

Report To Tait Russell
Company The Riley Group Inc
Address 17522 Bothell Way NE
City, State, ZIP Bothell, WA 98011
Phone 4254150551 Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME	PO #
Morel Meadows	2022-0075

REMARKS
Project specific RLs? - Yes / No

INVOICE TO

Page # 1 of 11

TURNAROUND TIME
☒ Standard turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb + As				Notes
HA1-0.5	01	11/14/23	0800	Soil	1								X				
HA1-1	02	"	0805	"	"								X				
HA2-0.5	03	"	0810	"	"								X				
HA3-0.5	04	"	0815	"	"								X				
HA4-0.5	05	"	0820	"	"								X				
HA5-0.5	06	"	0825	"	"								X				
HA5-1	07	"	0830	"	"								X				
HA6-0.5	08	"	0835	"	"								X				
HA7-0.5	09	"	0840	"	"								X				
HA8-0.5	10	"	0845	"	"								X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	REI	11/15	1425
Received by:	VINH	FBI	11-16-23	10:25
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY 11/16/23 D4

Report To Tom Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA9-0.5	11	11/14/23	0850	Soil	1								X				
HA9-1	12		0855										X				
HA10 0.5	13		0900										X				
HA11- 0.5	14		0905										X				
HA12- 0.5	15		0910										X				
HA13-0.5	16		0915										X				
HA13 -1	17		0920										X				
HA14-0.5	18		0925										X				
HA15-0.5	19		0930										X				
HA16 -0.5	20		0935										X				

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	10:25
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

SAMPLE CHAIN OF CUSTODY

311271

11/16/23 04

Report To Tom Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@rgi-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA16-1	21	11/14/23	0940	Soil	1								X				
HA17-0.5	22		0945										X				
HA17-1	23		0950										X				
HA18-0.5	24		0955										X				
HA19-0.5	25		1000										X				
HA19-1	26		1005										X				
HA20-0.5	27		1010										X				
HA21-0.5	28		1015										X				
HA21-1	29		1020										X				
HA22-0.5	30		1025										X				

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1045
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY 11/16/23 D4

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@rgi-group.com

SAMPLERS (signature)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb + As				Notes
HA23-0.5	31	11/14/23	1030	Soil	1								X				
HA23-1	32		1035										X				
HA24-0.5	33		1040										X				
HA25-0.5	34		1045										X				
HA26-0.5	35		1050										X				
HA27-0.5	36		1055										X				
HA28-0.5	37		1100										X				
HA29-0.5	38		1105										X				
HA29-1	39		1110										X				
HA30-0.5	40		1115										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY 11/16/23 04

Page # 5 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	pb-As				Notes
HA31-0.5	41	11/14/23	1120	Soil	1								X				
HA32-0.5	42		1125										X				
HA33-0.5	43		1130										X				
HA33-1	44		1135										X				
HA34-0.5	45		1140										X				
HA35-0.5	46		1145										X				
HA36-0.5	47		1150										X				
HA37-0.5	48		1155										X				
HA38-0.5	49		1200										X				
HA38-1	50		1205										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINA	FBI	11-16-23	1025
Relinquished by:		Samples received at 4		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY

11/16/23 04

Page # 6 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*) Grace Shaw

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA39-0.5	51	11/14/23	1210	Soil	1								X				
HA40-0.5	52		1215										X				
HA40-1	53		1220										X				
HA41-0.5	54		1225										X				
HA42-0.5	55		1230										X				
HA43-0.5	56		1235										X				
HA44-0.5	57		1240										X				
HA45-0.5	58		1245										X				
HA45-1	59		1250										X				
HA216-0.5	60		1255										X				

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Grace Shaw	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY

11/16/23 04

Page # 7 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*) Grace Shaw

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	PBTAS				Notes
HA47-0.5	61	11/14/23	1300	Soil	1								X				
HA48-0.5	62		1305										X				
HA49-0.5	63		1310										X				
HA50-0.5	64		1315										X				
HA51-0.5	65		1320										X				
HA52-0.5	66		1325										X				
HA53-0.5	67		1330										X				
HA54-0.5	68		1335										X				
HA55-0.5	69		1340										X				
HA56-0.5	70		1345										X				

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	Grace Shaw	RGI	11/15	1425
Received by:		VCNH	FBI	11-16-23	1025
Relinquished by:			Samples received at 4 °C		
Received by:					

Friedman & Bruya, Inc.
Ph. (206) 285-8282

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SAMPLE CHAIN OF CUSTODY 11/16/23 04

Page # 8 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*) Grace Shaw

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [X] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA57-0.5	71	11/14/23	1350	Soil	1								X				
HA57-1	72		1355										X				
HA58-0.5	73		1400										X				
HA59-0.5	74		1405										X				
HA59-1	75		1410										X				
HA60-0.5	76		1415										X				
HA61-0.5	77		1420										X				
HA62-0.5	78		1425										X				
HA63-0.5	79		1430										X				
HA64-0.5	80		1435										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Grace Shaw	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
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SAMPLE CHAIN OF CUSTODY 11/16/23 D4

Page # 9 of 11

Report To Tait Russell

Company RH1

Address

City, State, ZIP

Phone Email trussell@hley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- ☒ Standard turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb + As				Notes
						ANALYSES REQUESTED											
HA65 -0.5	81	11/14/23	1440	Soil	1								X				
HA65 -1	82		1445										X				
HA66 -0.5	83		1450										X				
HA67 -0.5	84		1455										X				
HA67 -1	85		1500										X				
HA68 -0.5	86		1505										X				
HA69 -0.5	87		1510										X				
HA69 -1	88		1515										X				
DF 1	89		1520										X				
DF 2	90		1525										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RH1	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

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SAMPLE CHAIN OF CUSTODY

11/16/23 04

Page # 10 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
						ANALYSES REQUESTED											
DF3	91	11/14/23	1530	soil	1								X				
DF4	92		1535										X				
DF5	93		1540										X				
DF6	94		1545										X				
DF7	95		1550										X				
DF8	96		1555										X				
DF9	97		1600										X				
DF10	98		1605										X				
DF11	99		1610										X				
DF12	100		1615										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
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311271

SAMPLE CHAIN OF CUSTODY 11/16/23 04

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

Page # 11 of 11

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
DF13	101	11/14/23	1620	soil	1								X				
DF14	102	"	1625	"	1								X				
DF15	103	"	1630	"	"								X				
DF16	104	"	1635	"	"								X				
DF17	105	"	1640	"	"								X				
DF18	106	"	1645	"	"								X				
								Samples received at 4 °C									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

November 30, 2023

Tait Russell, Project Manager
The Riley Group, Inc.
17522 Bothell Way NE
Bothell, WA 98011

Dear Mr Russell:

Included are the additional results from the testing of material submitted on November 16, 2023 from the Morel Meadows 2022-075, F&BI 311271 project. There are 7 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
TRG1130R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on November 16, 2023 by Friedman & Bruya, Inc. from the The Riley Group Morel Meadows 2022-075, F&BI 311271 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	The Riley Group
311271 -01	HA1-0.5
311271 -02	HA1-1
311271 -03	HA2-0.5
311271 -04	HA3-0.5
311271 -05	HA4-0.5
311271 -06	HA5-0.5
311271 -07	HA5-1
311271 -08	HA6-0.5
311271 -09	HA7-0.5
311271 -10	HA8-0.5
311271 -11	HA9-0.5
311271 -12	HA9-1
311271 -13	HA10-0.5
311271 -14	HA11-0.5
311271 -15	HA12-0.5
311271 -16	HA13-0.5
311271 -17	HA13-1
311271 -18	HA14-0.5
311271 -19	HA15-0.5
311271 -20	HA16-0.5
311271 -21	HA16-1
311271 -22	HA17-0.5
311271 -23	HA17-1
311271 -24	HA18-0.5
311271 -25	HA19-0.5
311271 -26	HA19-1
311271 -27	HA20-0.5
311271 -28	HA21-0.5
311271 -29	HA21-1
311271 -30	HA22-0.5
311271 -31	HA23-0.5
311271 -32	HA23-1
311271 -33	HA24-0.5
311271 -34	HA25-0.5
311271 -35	HA26-0.5
311271 -36	HA27-0.5

CASE NARRATIVE (continued)

Laboratory ID	The Riley Group
311271 -37	HA28-0.5
311271 -38	HA29-0.5
311271 -39	HA29-1
311271 -40	HA30-0.5
311271 -41	HA31-0.5
311271 -42	HA32-0.5
311271 -43	HA33-0.5
311271 -44	HA33-1
311271 -45	HA34-0.5
311271 -46	HA35-0.5
311271 -47	HA36-0.5
311271 -48	HA37-0.5
311271 -49	HA38-0.5
311271 -50	HA38-1
311271 -51	HA39-0.5
311271 -52	HA40-0.5
311271 -53	HA40-1
311271 -54	HA41-0.5
311271 -55	HA42-0.5
311271 -56	HA43-0.5
311271 -57	HA44-0.5
311271 -58	HA45-0.5
311271 -59	HA45-1
311271 -60	HA46-0.5
311271 -61	HA47-0.5
311271 -62	HA48-0.5
311271 -63	HA49-0.5
311271 -64	HA50-0.5
311271 -65	HA51-0.5
311271 -66	HA52-0.5
311271 -67	HA53-0.5
311271 -68	HA54-0.5
311271 -69	HA55-0.5
311271 -70	HA56-0.5
311271 -71	HA57-0.5
311271 -72	HA57-1
311271 -73	HA58-0.5
311271 -74	HA59-0.5
311271 -75	HA59-1
311271 -76	HA60-0.5

CASE NARRATIVE (continued)

Laboratory ID	The Riley Group
311271 -77	HA61-0.5
311271 -78	HA62-0.5
311271 -79	HA63-0.5
311271 -80	HA64-0.5
311271 -81	HA65-0.5
311271 -82	HA65-1
311271 -83	HA66-0.5
311271 -84	HA67-0.5
311271 -85	HA67-1
311271 -86	HA68-0.5
311271 -87	HA69-0.5
311271 -88	HA69-1
311271 -89	DF1
311271 -90	DF2
311271 -91	DF3
311271 -92	DF4
311271 -93	DF5
311271 -94	DF6
311271 -95	DF7
311271 -96	DF8
311271 -97	DF9
311271 -98	DF10
311271 -99	DF11
311271 -100	DF12
311271 -101	DF13
311271 -102	DF14
311271 -103	DF15
311271 -104	DF16
311271 -105	DF17
311271 -106	DF18

All quality control requirements were acceptable.

Analysis For Total Metals By EPA Method 6020B

Client ID:	HA12-0.5	Client:	The Riley Group
Date Received:	11/16/23	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/28/23	Lab ID:	311271-15
Date Analyzed:	11/28/23	Data File:	311271-15.126
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	33.1

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	The Riley Group
Date Received:	Not Applicable	Project:	Morel Meadows, F&BI 311271
Date Extracted:	11/28/23	Lab ID:	I3-936 mb
Date Analyzed:	11/28/23	Data File:	I3-936 mb.124
Matrix:	Soil	Instrument:	ICPMS2
Units:	mg/kg (ppm) Dry Weight	Operator:	SP

Analyte:	Concentration mg/kg (ppm)
Arsenic	<1

Date of Report: 11/30/23
Date Received: 11/16/23
Project: Morel Meadows, F&BI 311271

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL SAMPLES FOR TOTAL METALS USING EPA METHOD 6020B

Laboratory Code: 311271-15 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/kg (ppm)	10	25.2	62 b	144 b	75-125	80 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/kg (ppm)	10	90	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

311271

SAMPLE CHAIN OF CUSTODY

11/16/23 04

Report To Tait Russell
Company The Riley Group Inc
Address 17522 Bothell Way NE
City, State, ZIP Bothell, WA 98011
Phone 4254150551 Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME	PO #
Morel Meadows	2022-0075

REMARKS
Project specific RLs? - Yes / No

INVOICE TO

Page # 1 of 11

TURNAROUND TIME
☒ Standard turnaround
☐ RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
☐ Archive samples
☐ Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb + As				Notes
HA1-0.5	01	11/14/23	0800	Soil	1								X				
HA1-1	02	"	0805	"	"								X				
HA2-0.5	03	"	0810	"	"								X				
HA3-0.5	04	"	0815	"	"								X				
HA4-0.5	05	"	0820	"	"								X				
HA5-0.5	06	"	0825	"	"								X				
HA5-1	07	"	0830	"	"								X				
HA6-0.5	08	"	0835	"	"								X				
HA7-0.5	09	"	0840	"	"								X				
HA8-0.5	10	"	0845	"	"								X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	REI	11/15	1425
Received by:	VINH	FBI	11-16-23	10:25
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY 11/16/23 D4

Report To Tom Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (signature)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As	Arsenic Re-run			Notes
HA9-0.5	11	11/14/23	0850	Soil	1								X				A-per TR 11/28/23 24 hour TAT ME
HA9-1	12		0855										X				
HA10 0.5	13		0900										X				
HA11- 0.5	14		0905										X				
HA12- 0.5	15		0910										X	A			
HA13-0.5	16		0915										X				
HA13 -1	17		0920										X				
HA14-0.5	18		0925										X				
HA15-0.5	19		0930										X				
HA16 -0.5	20		0935										X				

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	10:25
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

SAMPLE CHAIN OF CUSTODY

311271

11/16/23 04

Report To Tom Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@rgi-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA16-1	21	11/14/23	0940	Soil	1								X				
HA17-0.5	22		0945										X				
HA17-1	23		0950										X				
HA18-0.5	24		0955										X				
HA19-0.5	25		1000										X				
HA19-1	26		1005										X				
HA20-0.5	27		1010										X				
HA21-0.5	28		1015										X				
HA21-1	29		1020										X				
HA22-0.5	30		1025										X				

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1045
Relinquished by:		Samples received at 4 °C		
Received by:				

Friedman & Bruya, Inc.
Ph. (206) 285-8282

311271

SAMPLE CHAIN OF CUSTODY 11/16/23 D4

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@rgi-group.com

SAMPLERS (signature)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb + As				Notes
HA23-0.5	31	11/14/23	1030	Soil	1								X				
HA23-1	32		1035										X				
HA24-0.5	33		1040										X				
HA25-0.5	34		1045										X				
HA26-0.5	35		1050										X				
HA27-0.5	36		1055										X				
HA28-0.5	37		1100										X				
HA29-0.5	38		1105										X				
HA29-1	39		1110										X				
HA30-0.5	40		1115										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

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SAMPLE CHAIN OF CUSTODY 11/16/23 04

Page # 5 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	pb-As				Notes
HA31-0.5	41	11/14/23	1120	Soil	1								X				
HA32-0.5	42		1125										X				
HA33-0.5	43		1130										X				
HA33-1	44		1135										X				
HA34-0.5	45		1140										X				
HA35-0.5	46		1145										X				
HA36-0.5	47		1150										X				
HA37-0.5	48		1155										X				
HA38-0.5	49		1200										X				
HA38-1	50		1205										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINA	FBI	11-16-23	1025
Relinquished by:		Samples received at 4		
Received by:				

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SAMPLE CHAIN OF CUSTODY

11/16/23 04

Page # 6 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*) Grace Shaw

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA39-0.5	51	11/14/23	1210	Soil	1								X				
HA40-0.5	52		1215										X				
HA40-1	53		1220										X				
HA41-0.5	54		1225										X				
HA42-0.5	55		1230										X				
HA43-0.5	56		1235										X				
HA44-0.5	57		1240										X				
HA45-0.5	58		1245										X				
HA45-1	59		1250										X				
HA216-0.5	60		1255										X				

ANALYSES REQUESTED

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Grace Shaw	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

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SAMPLE CHAIN OF CUSTODY

11/16/23 04

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Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*) Grace Shaw

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	PBTAS				Notes
HA47-0.5	61	11/14/23	1300	Soil	1								X				
HA48-0.5	62		1305										X				
HA49-0.5	63		1310										X				
HA50-0.5	64		1315										X				
HA51-0.5	65		1320										X				
HA52-0.5	66		1325										X				
HA53-0.5	67		1330										X				
HA54-0.5	68		1335										X				
HA55-0.5	69		1340										X				
HA56-0.5	70		1345										X				

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	Grace Shaw	RGI	11/15	1425
Received by:		VCNH	FBI	11-16-23	1025
Relinquished by:			Samples received at 4 °C		
Received by:					

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SAMPLE CHAIN OF CUSTODY 11/16/23 04

Page # 8 of 11

Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*) Grace Shaw

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [X] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
HA57-0.5	71	11/14/23	1350	Soil	1								X				
HA57-1	72		1355										X				
HA58-0.5	73		1400										X				
HA59-0.5	74		1405										X				
HA59-1	75		1410										X				
HA60-0.5	76		1415										X				
HA61-0.5	77		1420										X				
HA62-0.5	78		1425										X				
HA63-0.5	79		1430										X				
HA64-0.5	80		1435										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Grace Shaw	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

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SAMPLE CHAIN OF CUSTODY 11/16/23 D4

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Report To Tait Russell

Company RH1

Address

City, State, ZIP

Phone Email trussell@hley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- ☒ Standard turnaround
- ☐ RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- ☐ Archive samples
- ☐ Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb + As				Notes
						ANALYSES REQUESTED											
HA65 -0.5	81	11/14/23	1440	Soil	1								X				
HA65 -1	82		1445										X				
HA66 -0.5	83		1450										X				
HA67 -0.5	84		1455										X				
HA67 -1	85		1500										X				
HA68 -0.5	86		1505										X				
HA69 -0.5	87		1510										X				
HA69 -1	88		1515										X				
DF 1	89		1520										X				
DF 2	90		1525										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RH1	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

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SAMPLE CHAIN OF CUSTODY

11/16/23 04

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Report To Tait Russell

Company RGI

Address

City, State, ZIP

Phone Email trussell@riley-group.com

SAMPLERS (*signature*)

PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
						ANALYSES REQUESTED											
DF3	91	11/14/23	1530	soil	1								X				
DF4	92		1535										X				
DF5	93		1540										X				
DF6	94		1545										X				
DF7	95		1550										X				
DF8	96		1555										X				
DF9	97		1600										X				
DF10	98		1605										X				
DF11	99		1610										X				
DF12	100		1615										X				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:		Samples received at 4 °C		
Received by:				

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PROJECT NAME: Morel Meadows

PO #: 2022-007-5

REMARKS

Project specific RLs? - Yes / No

INVOICE TO

Page # 11 of 11

TURNAROUND TIME
- [x] Standard turnaround
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [ ] Archive samples
- [ ] Other
- Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Pb+As				Notes
DF13	101	11/14/23	1620	soil	1								X				
DF14	102	"	1625	"	1								X				
DF15	103	"	1630	"	"								X				
DF16	104	"	1635	"	"								X				
DF17	105	"	1640	"	"								X				
DF18	106	"	1645	"	"								X				
								Samples received at 4 °C									

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Grace Shaw	RGI	11/15	1425
Received by:	VINH	FBI	11-16-23	1025
Relinquished by:				
Received by:				

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