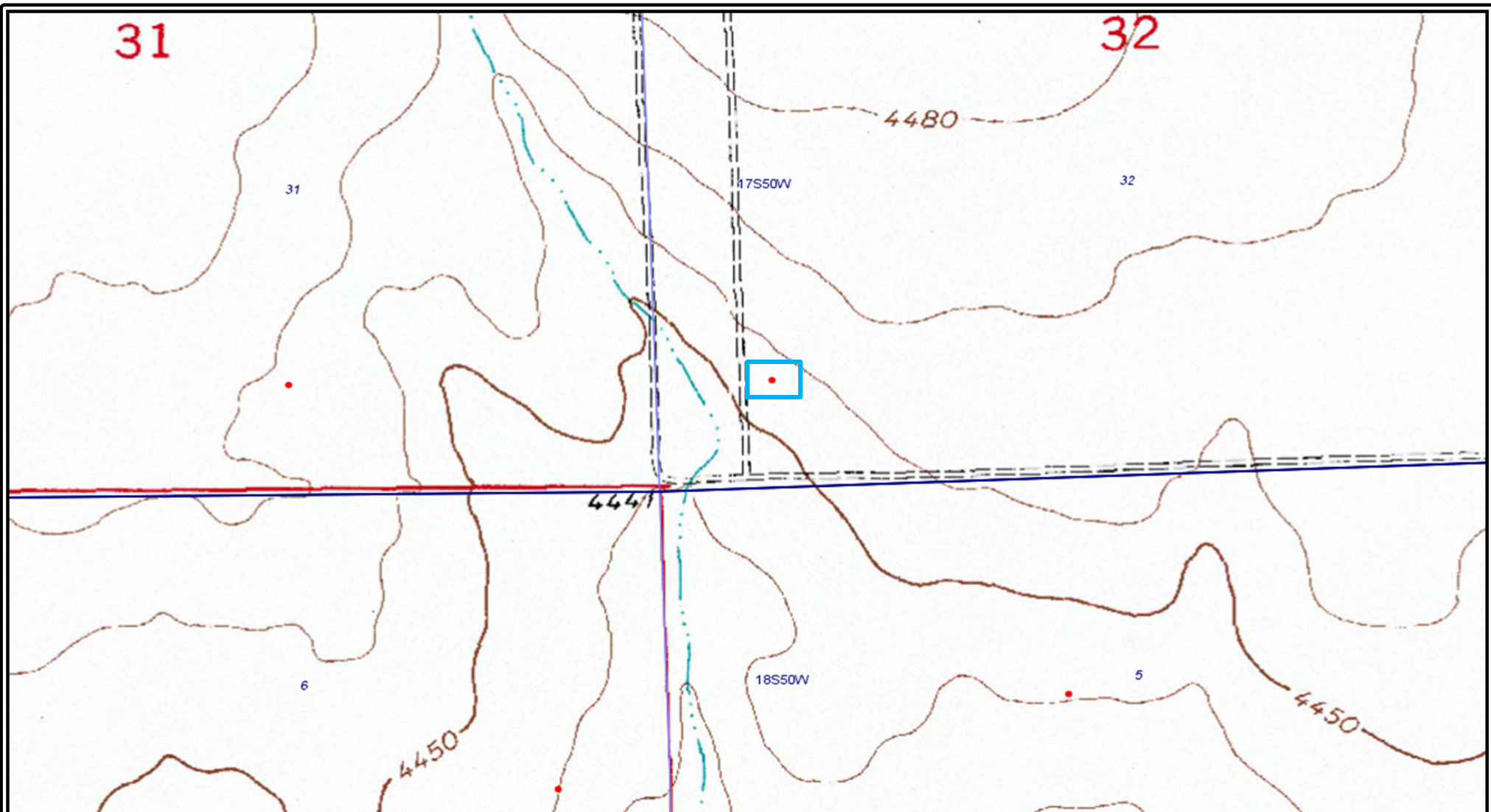


## **FIGURES**

**Figure 1: Topographic Site Location Map**

**Figure 2: Soil Sample Location Map**

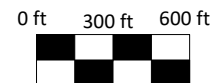


MULL DRILLING COMPANY, INC.  
PECK-617S50W  
FACILITY: 324857  
SWSW S32, T17S R50W, KIOWA COUNTY  
TOPOGRAPHIC MAP

Legend

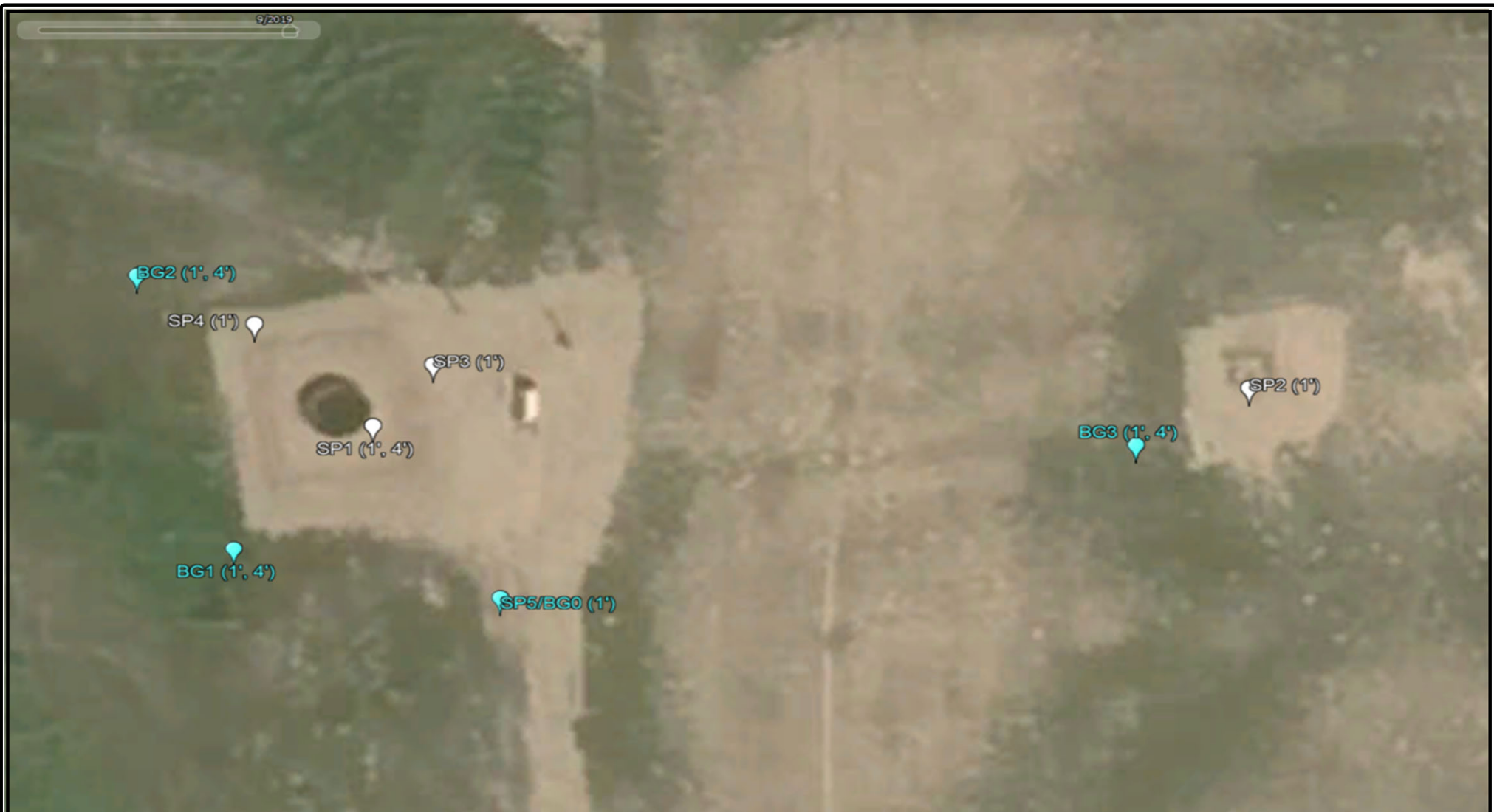


Location Boundary





Prepared By:  
Ardor Environmental LLC

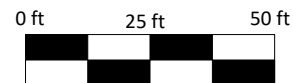
December 26, 2023



MULL DRILLING COMPANY, INC.  
 PECK-617S50W  
 FACILITY: 324857  
 SWSW S32, T17S R50W, KIOWA COUNTY  
 2024 BG SOIL SAMPLE LOCATIONS

**Legend**

-  2023 Soil Sample Locations
-  2024 Background Samples



Prepared By:  
 Ardor Environmental LLC

April 8, 2024



## TABLES

### Table 1: Analytical Results Summary

Peck Tank Battery Results - Table 915-1			10/25/2023						2/29/2024					
CLEANUP CONCENTRATIONS	Sample Point		SP1	SP1	SP2	SP3	SP4	SP5 (BG0)	BG1	BG1	BG2	BG2	BG3	BG3
	Depth		1'	4'	1'	1'	1'	1'	1'	4'	1'	4'	1'	4'
Contaminant of Concern	Concentrations		38.528729; -103.042121	38.528729; -103.042121	38.528761; -103.041349	38.528781; -103.042068	38.528817; -103.042225	38.528582; -103.042009	38.528625, -103.042244		38.528856, -103.042328		38.528714, -103.04145	
Soil TPH (total volatile [C6-C10] and extractable [C10-C36] hydrocarbons)	500mg/kg		ERO 8.3 J GRO U	ERO 6.1 J GRO U	SP2	ERO 3.8 J GRO U	ERO 8.4 J GRO U	ERO 6.0 J GRO U	NA	NA	NA	NA	NA	NA
PID READING			0.0 ppm	0.1 ppm	0.2 ppm	0.1 ppm	0.1 ppm	0.2 ppm	0.1 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm	0.0 ppm
Soil Suitability for Reclamation														
Electrical conductivity (EC) (by saturated paste method)	<4mmhos/cm		1.7	1.5	0.72	0.68	1.5	0.56	0.779	0.219	0.437	0.349	1.37	1.78
Sodium adsorption ratio (SAR) (by saturated paste method)	<6		0.32	1.2	0.40	0.29	0.25	0.099	NA	NA	NA	NA	NA	NA
pH (by saturated paste method)	6–8.3		9.53	9.37	7.57	10.5	10.8	7.74	7.89	8.33	8.05	8.48	7.82	7.93
boron (hot water soluble soil extract)	2mg/l		0.61	0.77	0.83	0.67	0.97	0.75	0.484	0.168	0.392	1.16	0.369	0.634
Organic Compounds in Groundwater														
benzene	5µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
toluene	560 to 1,000µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ethylbenzene	700µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
xylenes (sum of o-, m- and p- isomers = total xylenes)	1,400 to 10,000µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
naphthalene	140µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-trimethylbenzene	67µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-trimethylbenzene	67µg/l		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Groundwater Inorganic Parameters														
total dissolved solids (TDS)	<1.25 X local background		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
chloride ion	250mg/l or <1.25 X local background		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sulfate ion	250mg/l or <1.25 X local background		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Soils	Residential Soil Screening Level Concentrations (mg/kg)	Protection of Groundwater Soil Screening Level Concentrations (mg/kg)	SP1	SP1	SP2	SP3	SP4	SP5 (BG0)	BG1	BG1	BG2	BG2	BG3	BG3
	Depth		1'	4'	1'	1'	1'	1'	1'	4'	1'	4'	1'	4'
Organic Compounds in Soils														
benzene	1.2	0.0026 (M)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
toluene	490	0.69 (M)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
ethylbenzene	5.8	0.78 (M)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
xylenes (sum of o-, m- and p- isomers = total xylenes)	58	9.9 (M)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
1,2,4-trimethylbenzene	30	0.0081 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
1,3,5-trimethylbenzene	27	0.0087 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
acenaphthene	360	0.55 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
anthracene	1800	5.8 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
benz(a)anthracene	1.1	0.011 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
benzo(b)fluoranthene	1.1	0.3 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
benzo(k)fluoranthene	11	2.9 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
benzo(a)pyrene	0.11	0.24 (M)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
chrysene	110	9 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
dibenzo(a,h)anthracene	0.11	0.096 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
fluoranthene	240	8.9 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
fluorene	240	0.54 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
indeno(1,2,3-cd)pyrene	1.1	0.98 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
1-methylnaphthalene	18	0.006 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
2-methylnaphthalene	24	0.019 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
naphthalene	2	0.0038 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
pyrene	180	1.3 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
Metals in Soils														
arsenic	0.68	0.29 (M)	5.9	4.6	4.9	5.2	4.9	4.9	7.6	5.01	8.51	6.58	8.82	7.95
barium	15000	82 (M)	170	320	170	160	130	160	NA	NA	NA	NA	NA	NA
cadmium	71	0.38 (M)	0.15	0.087 J	0.12	0.13 J	0.15 J	0.14	NA	NA	NA	NA	NA	NA
chromium (VI)	0.3	0.00067 (R)	U	U	U	U	U	U	NA	NA	NA	NA	NA	NA
copper	3100	46 (M)	11	9.3	9.6	9.6	10	10	NA	NA	NA	NA	NA	NA
lead	400	14 (M)	12	12	13	11	11	12	NA	NA	NA	NA	NA	NA
nickel	1500	26 (R)	11	10	9.4	9.6	10	10	NA	NA	NA	NA	NA	NA
selenium	390	0.26 (M)	0.45	U	0.36	0.36 J	0.44 J	0.40	NA	NA	NA	NA	NA	NA
silver	390	0.8 (R)	0.054 J	U	0.046 J	U	U	0.045 J	NA	NA	NA	NA	NA	NA
zinc	23000	370 (R)	34	32	35	30	33	31	NA	NA	NA	NA	NA	NA

The letter "(R)" following a protection of Groundwater soil screening level indicates the concentration is derived from a risk-based approach. The letter "(M)" following a protection of Groundwater soil screening level indicates the concentration is derived from the drinking water MCL.

Quantifier "J" indicated analyte is present at an estimated concentration between the MDL and Reporting Limit.

Quantifier "U" indicates analyzed but not detected above the MDL.

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, but are within Background results.

Values presented in **BOLD** contained concentrations exceeding ECMC Table 915-1 Residential Soil Screening Level limits, and Background results.

\*Arsenic is naturally occurring in Colorado. Local Clean-Up Levels are 1.25\*BG

Local Clean-Up Levels = 1.25 x BG

<b>Arsenic</b>	<b>1'</b>	<b>10.39</b>	<b>mg/kg</b>
	<b>4'</b>	<b>8.14</b>	<b>mg/kg</b>

PECK-617S50W  
Facility ID: 324857  
Remediation # 31980  
MULL DRILLING COMPANY INC.



## **ATTACHMENT A**

### **Laboratory Analytical Reports**



March 14, 2024

Mull Drilling

Trisha Fanning

1700 N Waterfront Pkway Bldg #1200

Wichita

KS 67206

Project Name - Peck TB BG

Project Number - [none]

Attached are your analytical results for Peck TB BG received by Origins Laboratory, Inc. March 01, 2024. This project is associated with Origins project number Y403014-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.  
303.433.1322  
o-squad@oelabinc.com



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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita

KS

67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG-01@1'	Y403014-01	Soil	February 29, 2024 9:17	03/01/2024 11:30
BG-01@4'	Y403014-02	Soil	February 29, 2024 9:23	03/01/2024 11:30
BG-02@1'	Y403014-03	Soil	February 29, 2024 9:27	03/01/2024 11:30
BG-02@4'	Y403014-04	Soil	February 29, 2024 9:31	03/01/2024 11:30
BG-03@1'	Y403014-05	Soil	February 29, 2024 9:34	03/01/2024 11:30
BG-03@4'	Y403014-06	Soil	February 29, 2024 9:37	03/01/2024 11:30

Origins Laboratory, Inc.



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

Page 3 of 14

Mull Drilling

1700 N Waterfront Pkwy Bldg #1200

Wichita

KS

67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

Origins Laboratory

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

### Sample Receipt Checklist

Origins Work Order: 4403014

Client: Mull Drilling

Client Project ID: PECK-TB-BG

Checklist Completed by: JH/1/24

Shipped Via: HL  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 3/01/24

Airbill #: N/A

Matrix(s) Received: (Check all that apply): ☒ Soil/Solid ☐ Water ☐ Other: \_\_\_\_\_ (Describe)

Cooler Number/Temperature: 1, 2 °C 1 °C 1 °C 1 °C

Thermometer ID: T004

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

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

Reviewed by (Project Manager)

3/14/24  
Date/Time Reviewed

Origins Laboratory, Inc.

*J. Bynon*

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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

BG-01@1'

2/29/2024 9:17:00AM

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

**Origins Laboratory, Inc.**  
Y403014-01 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.484	0.102	mg/L	1	B4C0715	ACC	03/07/2024	03/12/2024
-------	-------	-------	------	---	---------	-----	------------	------------

**pH in Soil by 9045D**

pH	7.89		pH Units	1	B4C0522	EAL	03/05/2024	03/07/2024
----	------	--	----------	---	---------	-----	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.779	0.00500	mmhos/cm	"	"	EAL	"	"
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**Table 915 metals by EPA 6020B**

Arsenic	7.60	0.268	mg/kg	10	B4C0125	HJD	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	-----	------------	------------

Origins Laboratory, Inc.



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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

BG-01@4'

2/29/2024 9:23:00AM

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

**Origins Laboratory, Inc.**  
Y403014-02 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.168	0.101	mg/L	1	B4C0715	ACC	03/07/2024	03/12/2024
-------	-------	-------	------	---	---------	-----	------------	------------

**pH in Soil by 9045D**

pH	8.33		pH Units	1	B4C0522	EAL	03/05/2024	03/07/2024
----	------	--	----------	---	---------	-----	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.219	0.00500	mmhos/cm	"	"	EAL	"	"
---------------------------	-------	---------	----------	---	---	-----	---	---

**Table 915 metals by EPA 6020B**

Arsenic	5.01	0.261	mg/kg	10	B4C0125	HJD	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	-----	------------	------------

Origins Laboratory, Inc.



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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

BG-02@1'

2/29/2024 9:27:00AM

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

**Origins Laboratory, Inc.**  
Y403014-03 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.392	0.0987	mg/L	1	B4C0715	ACC	03/07/2024	03/12/2024
-------	-------	--------	------	---	---------	-----	------------	------------

**pH in Soil by 9045D**

pH	8.05		pH Units	1	B4C0522	EAL	03/05/2024	03/07/2024
----	------	--	----------	---	---------	-----	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.437	0.00500	mmhos/cm	"	"	EAL	"	"
---------------------------	-------	---------	----------	---	---	-----	---	---

**Table 915 metals by EPA 6020B**

Arsenic	8.51	0.281	mg/kg	10	B4C0125	HJD	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	-----	------------	------------

Origins Laboratory, Inc.



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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

BG-02@4'

2/29/2024 9:31:00AM

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

**Origins Laboratory, Inc.**  
Y403014-04 (Soil)

**Boron (DTPA Sorbitol)**

Boron	1.16	0.100	mg/L	1	B4C0715	ACC	03/07/2024	03/12/2024
-------	------	-------	------	---	---------	-----	------------	------------

**pH in Soil by 9045D**

pH	8.48		pH Units	1	B4C0522	EAL	03/05/2024	03/07/2024
----	------	--	----------	---	---------	-----	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.349	0.00500	mmhos/cm	"	"	EAL	"	"
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**Table 915 metals by EPA 6020B**

Arsenic	6.58	0.258	mg/kg	10	B4C0125	HJD	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	-----	------------	------------

Origins Laboratory, Inc.



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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

BG-03@1'

2/29/2024 9:34:00AM

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

**Origins Laboratory, Inc.**  
Y403014-05 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.369	0.0984	mg/L	1	B4C0715	ACC	03/07/2024	03/12/2024
-------	-------	--------	------	---	---------	-----	------------	------------

**pH in Soil by 9045D**

pH	7.82		pH Units	1	B4C0522	EAL	03/05/2024	03/07/2024
----	------	--	----------	---	---------	-----	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.37	0.00500	mmhos/cm	"	"	EAL	"	"
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**Table 915 metals by EPA 6020B**

Arsenic	8.82	0.266	mg/kg	10	B4C0125	HJD	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	-----	------------	------------

Origins Laboratory, Inc.



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

Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

BG-03@4'

2/29/2024 9:37:00AM

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

**Origins Laboratory, Inc.**  
Y403014-06 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.634	0.101	mg/L	1	B4C0715	ACC	03/07/2024	03/12/2024
-------	-------	-------	------	---	---------	-----	------------	------------

**pH in Soil by 9045D**

pH	7.93		pH Units	1	B4C0522	EAL	03/05/2024	03/07/2024
----	------	--	----------	---	---------	-----	------------	------------

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.78	0.00500	mmhos/cm	"	"	EAL	"	"
---------------------------	------	---------	----------	---	---	-----	---	---

**Table 915 metals by EPA 6020B**

Arsenic	7.95	0.262	mg/kg	10	B4C0125	HJD	03/01/2024	03/08/2024
---------	------	-------	-------	----	---------	-----	------------	------------

Origins Laboratory, Inc.



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

Mull Drilling

1700 N Waterfront Pkwy Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

## Metals by EPA 6000/7000 Series Methods - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4C0125 - EPA 3050B</b>										
<b>Blank (B4C0125-BLK1)</b>					Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	ND	0.290	mg/kg							
<b>LCS (B4C0125-BS1)</b>					Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	5.56	0.290	mg/kg	5.00		111	80-120			
<b>Matrix Spike (B4C0125-MS1)</b>		<b>Source: Y403011-02</b>			Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	19.5	0.265	mg/kg	4.57	15.0	99.8	75-125			
<b>Matrix Spike Dup (B4C0125-MSD1)</b>		<b>Source: Y403011-02</b>			Prepared: 03/01/2024 Analyzed: 03/08/2024					
Arsenic	19.4	0.255	mg/kg	4.39	15.0	101	75-125	0.690	20	

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Mull Drilling

1700 N Waterfront Pkwy Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

## Classical Chemistry Parameters - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B4C0715 - DTPA Sorbitol Preparation										
Blank (B4C0715-BLK1)					Prepared: 03/07/2024 Analyzed: 03/12/2024					
Boron	ND	0.100	mg/L							
Duplicate (B4C0715-DUP1)					Source: Y402770-03 Prepared: 03/07/2024 Analyzed: 03/12/2024					
Boron	0.468	0.0991	mg/L		0.465			0.670	50	

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Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

## Saturated Paste - Quality Control

### Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4C0522 - Saturated Paste pH/EC</b>										
<b>Blank (B4C0522-BLK1)</b>					Prepared: 03/05/2024 Analyzed: 03/07/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B4C0522-DUP1)</b>					<b>Source: Y403014-01</b> Prepared: 03/05/2024 Analyzed: 03/07/2024					
Specific Conductance (EC)	0.772	0.00500	mmhos/cm		0.779			0.890	25	
pH	7.89		pH Units		7.89			0.00	25	

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Mull Drilling

1700 N Waterfront Pkway Bldg #1200

Wichita KS 67206

Trisha Fanning

Project Number: [none]

Project: Peck TB BG

### Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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