

June 27, 2024

Tasman Geosciences

Andy Sagen

6855 West 119th Avenue

Broomfield CO 80020

Project Name - KMG - Shaklee Open 10 &13-25

Project Number - [none]

Attached are your analytical results for KMG - Shaklee Open 10 &13-25 received by Origins Laboratory, Inc. May 28, 2024. This project is associated with Origins project number Y405765-01.

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



Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST-B01@3"	Y405765-01	Soil	May 28, 2024 13:00	05/28/2024 14:05
PWV-B01@4'	Y405765-02	Soil	May 28, 2024 13:04	05/28/2024 14:05
PWV-N01@3'	Y405765-03	Soil	May 28, 2024 13:06	05/28/2024 14:05
SEP-B01@4'	Y405765-04	Soil	May 28, 2024 13:14	05/28/2024 14:05
SEP-B02@4'	Y405765-05	Soil	May 28, 2024 13:16	05/28/2024 14:05
BG01@3'	Y405765-06	Soil	May 28, 2024 13:22	05/28/2024 14:05
BG01@6'	Y405765-07	Soil	May 28, 2024 13:24	05/28/2024 14:05
BG02@3'	Y405765-08	Soil	May 28, 2024 13:26	05/28/2024 14:05
BG02@6'	Y405765-09	Soil	May 28, 2024 13:28	05/28/2024 14:05
BG03@3'	Y405765-10	Soil	May 28, 2024 13:30	05/28/2024 14:05
BG03@6'	Y405765-11	Soil	May 28, 2024 13:32	05/28/2024 14:05
BG04@3'	Y405765-12	Soil	May 28, 2024 13:34	05/28/2024 14:05
BG04@6'	Y405765-13	Soil	May 28, 2024 13:36	05/28/2024 14:05
BG05@3"	Y405765-14	Soil	May 28, 2024 13:38	05/28/2024 14:05

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Broomfield CO 80020

Andy Sagen  
Project Number: [none]  
Project: KMG - Shaklee Open 10 &13-25

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG06@3"	Y405765-15	Soil	May 28, 2024 13:40	05/28/2024 14:05

Origins Laboratory, Inc.



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# ORIGINS

LABORATORY, INC

4405765

www.originslaboratory.com

page 1 of 2

Client: Oxy/Tasman

Project Manager:

Andy Sagen

Address: 6855 W 119th Ave  
 Broomfield, CO 80020

Project Name:

Shaklee/Open 10 & 13-25

Telephone Number: PM Contact Number (210) 939-3631

Project Number:

A-1701

Email Address: Oxy/Tasman@originslab.com

Method of Delivery (Circle One): Hand Delivered Photo/Tasman Lock Box Drop Service/Center Drop FedEx UPS

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix				Analysis				Turnaround Time: <input type="checkbox"/> 48 Hr <input checked="" type="checkbox"/> Same Day <input type="checkbox"/> 72 Hr <input type="checkbox"/> Standard			
				HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summa Canister #	Other	GATEX-7MB	DRO/CRG	DB	SAR	EC		pH	Boron	Full Table 915
A17-8010311	5/12/14	13:00	3																
PW-10101		13:04																	
PW-10101		13:01																	
SEP-10101		13:14																	
SEP-10101		13:16	X																
KA0101		13:22	2																
KA0101		13:24																	
KA0201		13:26																	
KA0201		13:28																	
KA0301		13:30	X																
KA0301		13:30	X																

5 Date Results Needed

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 Project Number: [none]  
 Project: KMG - Shaklee Open 10 & 13-25

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: 44057605 Client: Tasman  
 Checklist Completed by: JTB/SAO Client Project ID: Shaklee Open 10+13-25  
 Date/time completed: 5/28/24 Shipped Via: TUO  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Airbill #: N/A  
 Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
 Cooler Number/Temperature: 115 °C 1 °C 1 °C (Describe) °C  
 Thermometer ID: 7005

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>			<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 checked="" type="checkbox"/>	
Additional Comments (if any):	<u>Retained extra sample for PCBs, DDT, etc.</u>			

<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): SAO Date/Time Reviewed: 5/28/24

Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**AST-B01@3"**  
**5/28/2024 1:00:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-01 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND		0.101	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4E2804	05/28/2024	05/28/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	97.5 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4E2830	05/28/2024	05/28/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	106 %		70-130			"	"	"	
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 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**AST-B01@3"**  
**5/28/2024 1:00:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-01 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	105 %		70-130			B4E28 30	05/28/2024	05/28/2024	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.851		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND		0.002	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

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**AST-B01@3"**

**5/28/2024 1:00:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-01 (Soil)**

**PAH by EPA 8270E**

Fluorene	ND		0.020	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	103 %		60-130			"	"	"	
Surrogate: Anthracene-d10	95.3 %		60-130			"	"	"	
Surrogate: Pyrene-d10	108 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.3 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.38			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	ND		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.204		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

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**AST-B01@3"**  
**5/28/2024 1:00:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-01 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	2.01		0.256	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	51.9		8.82	"	"	"	"	"	
Cadmium	ND		0.0882	"	"	"	"	"	
Copper	ND		8.82	"	"	"	"	"	
Lead	5.62		0.882	"	"	"	"	"	
Nickel	6.03		0.882	"	"	"	"	"	
Selenium	ND		0.229	"	"	"	"	"	
Silver	ND		0.0882	"	"	"	"	"	
Zinc	ND		32.6	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.258	0.115	0.287	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**PWV-B01@4'**  
**5/28/2024 1:04:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-02 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.96		0.0987	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4E2804	05/28/2024	05/28/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	89.6 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4E2830	05/28/2024	05/28/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	0.262		0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	112 %		70-130			"	"	"	
Surrogate: Toluene-d8	104 %		70-130			"	"	"	

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 Project: KMG - Shaklee Open 10 &13-25

**PWV-B01@4'**  
**5/28/2024 1:04:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-02 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene	103 %	70-130				B4E28 30	05/28/2024	05/28/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]		05/29/2024	05/30/2024	
Magnesium	ND	0.823	"	"	"		"	"	
Sodium	10.8	0.435	"	"	"		"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4E2825		05/28/2024	05/28/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"		"	"	Ua
Acenaphthene	ND	0.020	"	"	"		"	"	Ua
Anthracene	ND	0.020	"	"	"		"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"		"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"		"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"		"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"		"	"	Ua
Chrysene	ND	0.020	"	"	"		"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"		"	"	Ua
Fluoranthene	ND	0.020	"	"	"		"	"	Ua
Fluorene	ND	0.020	"	"	"		"	"	Ua

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Andy Sagen  
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**PWV-B01@4'**  
**5/28/2024 1:04:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-02 (Soil)**

**PAH by EPA 8270E**

Indeno (1,2,3-cd) pyrene	ND		0.020	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	98.6 %		60-130			"	"	"	
Surrogate: Anthracene-d10	95.0 %		60-130			"	"	"	
Surrogate: Pyrene-d10	106 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.4 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.70			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	20.1		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.947		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	2.32		0.288	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
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 6855 West 119th Avenue  
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**PWV-B01@4'**  
**5/28/2024 1:04:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-02 (Soil)**

**Table 915 metals by EPA 6020B**

Barium	106		9.93	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Cadmium	0.129		0.0993	"	"	"	"	"	
Copper	ND		9.93	"	"	"	"	"	
Lead	7.73		0.993	"	"	"	"	"	
Nickel	7.72		0.993	"	"	"	"	"	
Selenium	ND		0.258	"	"	"	"	"	
Silver	ND		0.0993	"	"	"	"	"	
Zinc	ND		36.8	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.257	0.181	0.454	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**PWV-N01@3'**  
**5/28/2024 1:06:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-03 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.16		0.101	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4E2804	05/28/2024	05/28/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	96.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4E2830	05/28/2024	05/28/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	0.332		0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	116 %		70-130			"	"	"	
Surrogate: Toluene-d8	104 %		70-130			"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**PWV-N01@3'**  
**5/28/2024 1:06:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-03 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene	104 %	70-130				B4E28 30	05/28/2024	05/28/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	ND	0.499	meq/L	10	[CALC]		05/29/2024	05/30/2024	
Magnesium	ND	0.823	"	"	"		"	"	
Sodium	5.09	0.435	"	"	"		"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4E2825		05/28/2024	05/28/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"		"	"	Ua
Acenaphthene	ND	0.020	"	"	"		"	"	Ua
Anthracene	ND	0.020	"	"	"		"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"		"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"		"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"		"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"		"	"	Ua
Chrysene	ND	0.020	"	"	"		"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"		"	"	Ua
Fluoranthene	ND	0.020	"	"	"		"	"	Ua
Fluorene	ND	0.020	"	"	"		"	"	Ua

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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**PWV-N01@3'**

**5/28/2024 1:06:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-03 (Soil)**

**PAH by EPA 8270E**

Indeno (1,2,3-cd) pyrene	ND		0.020	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	102 %		60-130			"	"	"	
Surrogate: Anthracene-d10	94.7 %		60-130			"	"	"	
Surrogate: Pyrene-d10	106 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	100 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.77			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	12.2		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.508		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	2.91		0.280	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**PWV-N01@3'**  
**5/28/2024 1:06:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-03 (Soil)**

**Table 915 metals by EPA 6020B**

Barium	<b>105</b>		9.65	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Cadmium	<b>0.167</b>		0.0965	"	"	"	"	"	
Copper	<b>11.3</b>		9.65	"	"	"	"	"	
Lead	<b>8.98</b>		0.965	"	"	"	"	"	
Nickel	<b>9.44</b>		0.965	"	"	"	"	"	
Selenium	ND		0.251	"	"	"	"	"	
Silver	ND		0.0965	"	"	"	"	"	
Zinc	<b>41.6</b>		35.7	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	<b>0.131</b>	<b>0.115</b>	0.286	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**SEP-B01@4'**  
**5/28/2024 1:14:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-04 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.310		0.0990	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4E2804	05/28/2024	05/28/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	91.0 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4E2830	05/28/2024	05/28/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	115 %		70-130			"	"	"	
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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

SEP-B01@4'  
 5/28/2024 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y405765-04 (Soil)

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	104 %		70-130			B4E28 30	05/28/2024	05/28/2024	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.733		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.674		0.435	"	"	"	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND		0.002	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

SEP-B01@4'  
 5/28/2024 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y405765-04 (Soil)

**PAH by EPA 8270E**

Fluorene	ND		0.020	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	95.0 %		60-130			"	"	"	
Surrogate: Anthracene-d10	97.1 %		60-130			"	"	"	
Surrogate: Pyrene-d10	104 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.2 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.36			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	1.01		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.164		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

SEP-B01@4'  
 5/28/2024 1:14:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y405765-04 (Soil)

**Table 915 metals by EPA 6020B**

Arsenic	1.87		0.264	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	126		9.09	"	"	"	"	"	
Cadmium	0.111		0.0909	"	"	"	"	"	
Copper	ND		9.09	"	"	"	"	"	
Lead	6.40		0.909	"	"	"	"	"	
Nickel	6.41		0.909	"	"	"	"	"	
Selenium	ND		0.236	"	"	"	"	"	
Silver	ND		0.0909	"	"	"	"	"	
Zinc	ND		33.6	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.293	0.173	0.432	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**SEP-B02@4'**  
**5/28/2024 1:16:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.186		0.102	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4E2804	05/28/2024	05/28/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	92.4 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4E2830	05/28/2024	05/28/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	119 %		70-130			"	"	"	
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Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**SEP-B02@4'**  
**5/28/2024 1:16:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-05 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	103 %		70-130			B4E28 30	05/28/2024	05/28/2024	
Surrogate: 4-Bromofluorobenzene	103 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.76		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.438		0.435	"	"	"	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND		0.002	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

SEP-B02@4'  
 5/28/2024 1:16:00PM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y405765-05 (Soil)

**PAH by EPA 8270E**

Fluorene	ND		0.020	mg/kg	1	B4E2825	05/28/2024	05/28/2024	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	104 %		60-130			"	"	"	
Surrogate: Anthracene-d10	97.8 %		60-130			"	"	"	
Surrogate: Pyrene-d10	108 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.21			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	0.332		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.402		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



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 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**SEP-B02@4'**  
**5/28/2024 1:16:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-05 (Soil)**

**Table 915 metals by EPA 6020B**

Arsenic	2.33	0.283	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	85.1	9.77	"	"	"	"	"	
Cadmium	0.198	0.0977	"	"	"	"	"	
Copper	9.94	9.77	"	"	"	"	"	
Lead	8.10	0.977	"	"	"	"	"	
Nickel	8.59	0.977	"	"	"	"	"	
Selenium	ND	0.254	"	"	"	"	"	
Silver	ND	0.0977	"	"	"	"	"	
Zinc	ND	36.2	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	ND	0.0978	0.245	mg/kg dry	1	2632472	06/26/2024	06/27/2024	U
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Origins Laboratory, Inc.



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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG01@3'**  
**5/28/2024 1:22:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-06 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.02		0.0998	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	22.3		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	10.3		0.823	"	"	"	"	"	
Sodium	11.0		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.13			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	2.72		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.06		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	2.83		0.273	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	133		9.42	"	"	"	"	"	
Cadmium	0.156		0.0942	"	"	"	"	"	
Copper	13.7		9.42	"	"	"	"	"	

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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG01@3'**  
**5/28/2024 1:22:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-06 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	11.1		0.942	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	13.6		0.942	"	"	"	"	"	
Selenium	ND		0.245	"	"	"	"	"	
Silver	ND		0.0942	"	"	"	"	"	
Zinc	68.7		34.9	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.354	0.180	0.450	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Origins Laboratory, Inc.



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 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG01@6'**  
**5/28/2024 1:24:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-07 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.577		0.101	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	16.1		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	13.3		0.823	"	"	"	"	"	
Sodium	21.1		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.12			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	5.51		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	3.75		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	3.10		0.248	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	95.1		8.55	"	"	"	"	"	
Cadmium	0.109		0.0855	"	"	"	"	"	
Copper	ND		8.55	"	"	"	"	"	

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG01@6'**  
**5/28/2024 1:24:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-07 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	6.32		0.855	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	6.34		0.855	"	"	"	"	"	
Selenium	ND		0.222	"	"	"	"	"	
Silver	ND		0.0855	"	"	"	"	"	
Zinc	ND		31.7	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.384	0.171	0.427	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG02@3'**  
**5/28/2024 1:26:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-08 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.249		0.0984	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	5.07		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	1.66		0.823	"	"	"	"	"	
Sodium	5.10		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.23			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	2.78		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.14		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	1.50		0.269	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	50.4		9.29	"	"	"	"	"	
Cadmium	ND		0.0929	"	"	"	"	"	
Copper	ND		9.29	"	"	"	"	"	

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG02@3'**  
**5/28/2024 1:26:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-08 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	5.61		0.929	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	5.72		0.929	"	"	"	"	"	
Selenium	ND		0.241	"	"	"	"	"	
Silver	ND		0.0929	"	"	"	"	"	
Zinc	ND		34.4	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.201	0.142	0.354	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG02@6'**  
**5/28/2024 1:28:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-09 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	ND	0.0983	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	0.889	0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	1.43	0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.18		pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	1.89	0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.288	0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	1.10	0.280	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	23.5	9.65	"	"	"	"	"	
Cadmium	ND	0.0965	"	"	"	"	"	

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG02@6'**  
**5/28/2024 1:28:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-09 (Soil)**

**Table 915 metals by EPA 6020B**

Copper	ND		9.65	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Lead	<b>3.02</b>		0.965	"	"	"	"	"	
Nickel	<b>2.39</b>		0.965	"	"	"	"	"	
Selenium	ND		0.251	"	"	"	"	"	
Silver	ND		0.0965	"	"	"	"	"	
Zinc	ND		35.7	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	<b>0.188</b>	<b>0.0954</b>	0.238	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG03@3'**  
**5/28/2024 1:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-10 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.250		0.101	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	1.54		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.45		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.47			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	1.42		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.369		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	2.53		0.272	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	104		9.38	"	"	"	"	"	
Cadmium	0.154		0.0938	"	"	"	"	"	
Copper	ND		9.38	"	"	"	"	"	

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Tasman Geosciences  
 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG03@3'**  
**5/28/2024 1:30:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-10 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	8.86		0.938	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	8.36		0.938	"	"	"	"	"	
Selenium	ND		0.244	"	"	"	"	"	
Silver	ND		0.0938	"	"	"	"	"	
Zinc	38.4		34.7	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.249	0.176	0.440	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG03@6'**  
**5/28/2024 1:32:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-11 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.166		0.0983	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	2.47		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	12.3		0.823	"	"	"	"	"	
Sodium	3.35		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.37			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	1.23		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.45		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	3.69		0.261	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	78.1		8.99	"	"	"	"	"	
Cadmium	ND		0.0899	"	"	"	"	"	
Copper	ND		8.99	"	"	"	"	"	

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 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG03@6'**  
**5/28/2024 1:32:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-11 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	<b>6.37</b>		0.899	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	<b>5.36</b>		0.899	"	"	"	"	"	
Selenium	ND		0.234	"	"	"	"	"	
Silver	ND		0.0899	"	"	"	"	"	
Zinc	ND		33.3	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	<b>0.221</b>	<b>0.0982</b>	0.246	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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 6855 West 119th Avenue  
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG04@3'**  
**5/28/2024 1:34:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-12 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.778		0.101	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	12.4		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	6.50		0.823	"	"	"	"	"	
Sodium	13.7		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.24			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	4.47		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	2.61		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	3.47		0.257	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	115		8.87	"	"	"	"	"	
Cadmium	0.212		0.0887	"	"	"	"	"	
Copper	15.4		8.87	"	"	"	"	"	

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG04@3'**  
**5/28/2024 1:34:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-12 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	12.8		0.887	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	14.2		0.887	"	"	"	"	"	
Selenium	ND		0.230	"	"	"	"	"	
Silver	ND		0.0887	"	"	"	"	"	
Zinc	61.9		32.8	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.156	0.137	0.342	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG04@6'**  
**5/28/2024 1:36:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-13 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.434		0.101	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	3.61		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	2.73		0.823	"	"	"	"	"	
Sodium	8.51		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.37			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	4.78		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.40		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	2.67		0.267	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	66.8		9.22	"	"	"	"	"	
Cadmium	ND		0.0922	"	"	"	"	"	
Copper	10.2		9.22	"	"	"	"	"	

Origins Laboratory, Inc.



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 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG04@6'**  
**5/28/2024 1:36:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-13 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	8.40		0.922	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	9.43		0.922	"	"	"	"	"	
Selenium	ND		0.240	"	"	"	"	"	
Silver	ND		0.0922	"	"	"	"	"	
Zinc	40.7		34.1	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	ND	0.141	0.353	mg/kg dry	1	2632472	06/26/2024	06/27/2024	U
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG05@3"**

**5/28/2024 1:38:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-14 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.547		0.100	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	9.81		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	3.17		0.823	"	"	"	"	"	
Sodium	3.46		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.38			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	1.36		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.40		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	3.12		0.280	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	154		9.67	"	"	"	"	"	
Cadmium	0.164		0.0967	"	"	"	"	"	
Copper	11.0		9.67	"	"	"	"	"	

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 Project: KMG - Shaklee Open 10 &13-25

**BG05@3"**

**5/28/2024 1:38:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-14 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	9.62		0.967	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	10.5		0.967	"	"	"	"	"	
Selenium	ND		0.251	"	"	"	"	"	
Silver	ND		0.0967	"	"	"	"	"	
Zinc	47.1		35.8	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.153	0.134	0.335	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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 Project: KMG - Shaklee Open 10 &13-25

**BG06@3"**

**5/28/2024 1:40:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-15 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	1.80		0.100	mg/L	1	B4E2906	05/29/2024	05/30/2024	
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**Metals by Saturated Paste by EPA 6010**

Calcium	6.92		0.499	meq/L	10	[CALC]	05/29/2024	05/30/2024	
Magnesium	3.05		0.823	"	"	"	"	"	
Sodium	1.46		0.435	"	"	"	"	"	

**pH in Soil by 9045D**

pH	8.45			pH Units	1	B4E2909	05/29/2024	05/30/2024	
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**SAR by 20B Saturated Paste**

SAR	0.652		0.0100	SAR	1	B4E2903	05/29/2024	05/30/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	1.13		0.00500	mmhos/cm	1	B4E2909	05/29/2024	05/30/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	2.07		0.282	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Barium	78.4		9.74	"	"	"	"	"	
Cadmium	0.207		0.0974	"	"	"	"	"	
Copper	ND		9.74	"	"	"	"	"	

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**BG06@3"**

**5/28/2024 1:40:00PM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y405765-15 (Soil)**

**Table 915 metals by EPA 6020B**

Lead	9.67		0.974	mg/kg	10	B4E2828	05/28/2024	05/29/2024	
Nickel	7.58		0.974	"	"	"	"	"	
Selenium	ND		0.253	"	"	"	"	"	
Silver	ND		0.0974	"	"	"	"	"	
Zinc	42.2		36.0	"	"	"	"	"	

**Total Metals 7196A**

Hexavalent Chromium	0.152	0.107	0.268	mg/kg dry	1	2632472	06/26/2024	06/27/2024	J
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 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4E2804 - EPA 3550B</b>										
<b>Blank (B4E2804-BLK1)</b>										
					Prepared: 05/28/2024 Analyzed: 05/28/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	23		"	24.9		94.0	50-150			

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2804 - EPA 3550B**

**LCS (B4E2804-BS1)**

Prepared: 05/28/2024 Analyzed: 05/28/2024

Diesel (C10-C28)	931	50.0	mg/kg	1000		93.1	70-130			
Residual Range Organics (C28-C40)	1040	200	"	1000		104	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			

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 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2804 - EPA 3550B**

<b>Matrix Spike (B4E2804-MS1)</b>	<b>Source: Y405765-01</b>			Prepared: 05/28/2024 Analyzed: 05/28/2024						
Diesel (C10-C28)	874	50.0	mg/kg	1000	ND	87.4	70-130			
Residual Range Organics (C28-C40)	1010	200	"	1000	ND	101	70-130			
Surrogate: o-Terphenyl	46		"	49.8		93.2	50-150			

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 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E2804 - EPA 3550B

Matrix Spike Dup (B4E2804-MSD1)	Source: Y405765-01			Prepared: 05/28/2024 Analyzed: 05/28/2024						
Diesel (C10-C28)	859	50.0	mg/kg	1000	ND	85.9	70-130	1.71	35	
Residual Range Organics (C28-C40)	986	200	"	1000	ND	98.6	70-130	1.97	35	
Surrogate: o-Terphenyl	45		"	49.8		90.3	50-150			

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 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2830 - EPA 5030 (soil)**

**Blank (B4E2830-BLK1)**

Prepared: 05/28/2024 Analyzed: 05/28/2024

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	103		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	104		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	105		70-130			

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E2830 - EPA 5030 (soil)

**LCS (B4E2830-BS1)**

Prepared: 05/28/2024 Analyzed: 05/28/2024

1,2,4-Trimethylbenzene	0.110	0.00200	mg/kg	0.100		110	70-130			
1,3,5-Trimethylbenzene	0.115	0.00200	"	0.100		115	70-130			
Benzene	0.105	0.00200	"	0.100		105	70-130			
Ethylbenzene	0.114	0.00200	"	0.100		114	70-130			
Naphthalene	0.116	0.00380	"	0.100		116	70-130			
Toluene	0.109	0.00200	"	0.100		109	70-130			
o-Xylene	0.110	0.00200	"	0.100		110	70-130			
m,p-Xylene	0.225	0.00400	"	0.200		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	99.4		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	105		70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125	108		70-130			

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 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E2830 - EPA 5030 (soil)

Matrix Spike (B4E2830-MS1)	Source: Y405765-01			Prepared: 05/28/2024 Analyzed: 05/28/2024						
1,2,4-Trimethylbenzene	0.106	0.00200	mg/kg	0.100	ND	106	70-130			
1,3,5-Trimethylbenzene	0.111	0.00200	"	0.100	ND	111	70-130			
Benzene	0.101	0.00200	"	0.100	ND	101	70-130			
Ethylbenzene	0.107	0.00200	"	0.100	ND	107	70-130			
Naphthalene	0.126	0.00380	"	0.100	ND	126	70-130			
Toluene	0.103	0.00200	"	0.100	ND	103	70-130			
o-Xylene	0.104	0.00200	"	0.100	ND	104	70-130			
m,p-Xylene	0.213	0.00400	"	0.200	ND	106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E2830 - EPA 5030 (soil)

Matrix Spike Dup (B4E2830-MSD1)	Source: Y405765-01			Prepared: 05/28/2024 Analyzed: 05/28/2024						
1,2,4-Trimethylbenzene	0.106	0.00200	mg/kg	0.100	ND	106	70-130	0.246	20	
1,3,5-Trimethylbenzene	0.109	0.00200	"	0.100	ND	109	70-130	1.51	20	
Benzene	0.101	0.00200	"	0.100	ND	101	70-130	0.397	20	
Ethylbenzene	0.106	0.00200	"	0.100	ND	106	70-130	0.526	20	
Naphthalene	0.120	0.00380	"	0.100	ND	120	70-130	4.34	20	
Toluene	0.104	0.00200	"	0.100	ND	104	70-130	0.213	20	
o-Xylene	0.103	0.00200	"	0.100	ND	103	70-130	0.560	20	
m,p-Xylene	0.212	0.00400	"	0.200	ND	106	70-130	0.386	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		104	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		107	70-130			

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 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**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
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**Batch B4E2828 - EPA 3050B**

**Blank (B4E2828-BLK1)**

Prepared: 05/28/2024 Analyzed: 05/29/2024

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

**LCS (B4E2828-BS1)**

Prepared: 05/28/2024 Analyzed: 05/29/2024

Arsenic	5.47	0.290	mg/kg	5.00		109	80-120			
Barium	582	10.0	"	500		116	80-120			
Cadmium	5.68	0.100	"	5.00		114	80-120			
Copper	55.3	10.0	"	50.0		111	80-120			
Lead	5.40	1.00	"	5.00		108	80-120			
Nickel	5.60	1.00	"	5.00		112	80-120			
Selenium	9.96	0.260	"	9.50		105	80-120			
Silver	5.56	0.100	"	5.00		111	80-120			
Zinc	55.5	37.0	"	50.0		111	80-120			

**Matrix Spike (B4E2828-MS1)**

Source: Y405765-05

Prepared: 05/28/2024 Analyzed: 05/29/2024

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**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
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**Batch B4E2828 - EPA 3050B**

<b>Matrix Spike (B4E2828-MS1)</b>		<b>Source: Y405765-05</b>			Prepared: 05/28/2024 Analyzed: 05/29/2024					
Arsenic	7.63	0.280	mg/kg	4.82	2.33	110	75-125			
Barium	671	9.64	"	482	85.1	121	75-125			
Cadmium	5.58	0.0964	"	4.82	0.198	112	75-125			
Copper	62.5	9.64	"	48.2	9.94	109	75-125			
Lead	12.8	0.964	"	4.82	8.10	97.9	75-125			
Nickel	13.7	0.964	"	4.82	8.59	106	75-125			
Selenium	9.76	0.251	"	9.16	0.163	105	75-125			
Silver	5.36	0.0964	"	4.82	0.0293	111	75-125			
Zinc	86.6	35.7	"	48.2	34.8	108	75-125			

<b>Matrix Spike Dup (B4E2828-MSD1)</b>		<b>Source: Y405765-05</b>			Prepared: 05/28/2024 Analyzed: 05/29/2024					
Arsenic	7.31	0.284	mg/kg	4.89	2.33	102	75-125	4.25	20	
Barium	644	9.78	"	489	85.1	114	75-125	4.05	20	
Cadmium	5.60	0.0978	"	4.89	0.198	110	75-125	0.375	20	
Copper	62.2	9.78	"	48.9	9.94	107	75-125	0.373	20	
Lead	12.6	0.978	"	4.89	8.10	91.7	75-125	1.87	20	
Nickel	13.1	0.978	"	4.89	8.59	91.9	75-125	4.51	20	
Selenium	10.2	0.254	"	9.29	0.163	108	75-125	4.62	20	
Silver	5.33	0.0978	"	4.89	0.0293	108	75-125	0.472	20	
Zinc	84.8	36.2	"	48.9	34.8	102	75-125	2.05	20	

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 6855 West 119th Avenue  
 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2825 - EPA 3580**

**Blank (B4E2825-BLK1)**

Prepared: 05/28/2024 Analyzed: 05/28/2024

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua
Surrogate: Fluorene-d10	200		ug/kg	200		99.1	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	210		"	200		105	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		95.3	60-130			

**LCS (B4E2825-BS1)**

Prepared: 05/28/2024 Analyzed: 05/28/2024

1-Methylnaphthalene	0.221	0.002	mg/kg	0.200		110	70-130			
2-Methylnaphthalene	0.220	0.002	"	0.200		110	70-130			
Acenaphthene	0.225	0.020	"	0.200		112	70-130			
Anthracene	0.213	0.020	"	0.200		107	70-130			

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2825 - EPA 3580**

**LCS (B4E2825-BS1)**

Prepared: 05/28/2024 Analyzed: 05/28/2024

Benzo (a) anthracene	0.232	0.005	mg/kg	0.200		116	70-130			
Benzo (a) pyrene	0.235	0.020	"	0.200		118	70-130			
Benzo (b) fluoranthene	0.235	0.020	"	0.200		117	70-130			
Benzo (g,h,i) perylene	0.221	0.020	"	0.200		111	70-130			
Benzo (k) fluoranthene	0.208	0.020	"	0.200		104	70-130			
Chrysene	0.220	0.020	"	0.200		110	70-130			
Dibenz (a,h) anthracene	0.226	0.020	"	0.200		113	70-130			
Fluoranthene	0.228	0.020	"	0.200		114	70-130			
Fluorene	0.202	0.020	"	0.200		101	70-130			
Indeno (1,2,3-cd) pyrene	0.226	0.020	"	0.200		113	70-130			
Naphthalene	0.238	0.002	"	0.200		119	70-130			
Phenanthrene	0.216	0.020	"	0.200		108	70-130			
Pyrene	0.234	0.020	"	0.200		117	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		96.2	60-130			
Surrogate: Anthracene-d10	200		"	200		98.0	60-130			
Surrogate: Pyrene-d10	210		"	200		104	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.7	60-130			

**Matrix Spike (B4E2825-MS1)**

Source: Y405765-01

Prepared: 05/28/2024 Analyzed: 05/28/2024

1-Methylnaphthalene	0.222	0.002	mg/kg	0.200	ND	111	70-130			
2-Methylnaphthalene	0.219	0.002	"	0.200	ND	110	70-130			
Acenaphthene	0.216	0.020	"	0.200	0.0002	108	70-130			
Anthracene	0.210	0.020	"	0.200	0.0007	105	70-130			
Benzo (a) anthracene	0.240	0.005	"	0.200	0.0007	120	70-130			
Benzo (a) pyrene	0.228	0.020	"	0.200	0.002	113	70-130			
Benzo (b) fluoranthene	0.227	0.020	"	0.200	0.0006	113	70-130			
Benzo (g,h,i) perylene	0.219	0.020	"	0.200	0.001	109	70-130			

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 Project: KMG - Shaklee Open 10 &13-25

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2825 - EPA 3580**

<b>Matrix Spike (B4E2825-MS1)</b>		<b>Source: Y405765-01</b>			Prepared: 05/28/2024 Analyzed: 05/28/2024					
Benzo (k) fluoranthene	0.201	0.020	mg/kg	0.200	0.0005	100	70-130			
Chrysene	0.225	0.020	"	0.200	0.0009	112	70-130			
Dibenz (a,h) anthracene	0.222	0.020	"	0.200	0.001	111	70-130			
Fluoranthene	0.249	0.020	"	0.200	0.0003	125	70-130			
Fluorene	0.234	0.020	"	0.200	0.0006	117	70-130			
Indeno (1,2,3-cd) pyrene	0.220	0.020	"	0.200	ND	110	70-130			
Naphthalene	0.221	0.002	"	0.200	ND	111	70-130			
Phenanthrene	0.224	0.020	"	0.200	ND	112	70-130			
Pyrene	0.237	0.020	"	0.200	ND	119	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		100	60-130			
Surrogate: Anthracene-d10	200		"	200		100	60-130			
Surrogate: Pyrene-d10	210		"	200		105	60-130			
Surrogate: Benzo (a) pyrene-d12	190		"	200		97.1	60-130			

<b>Matrix Spike Dup (B4E2825-MSD1)</b>		<b>Source: Y405765-01</b>			Prepared: 05/28/2024 Analyzed: 05/28/2024					
1-Methylnaphthalene	0.215	0.002	mg/kg	0.200	ND	108	70-130	3.00	20	
2-Methylnaphthalene	0.212	0.002	"	0.200	ND	106	70-130	3.27	20	
Acenaphthene	0.207	0.020	"	0.200	0.0002	103	70-130	4.01	20	
Anthracene	0.206	0.020	"	0.200	0.0007	103	70-130	2.08	20	
Benzo (a) anthracene	0.229	0.005	"	0.200	0.0007	114	70-130	4.90	20	
Benzo (a) pyrene	0.234	0.020	"	0.200	0.002	116	70-130	2.79	20	
Benzo (b) fluoranthene	0.224	0.020	"	0.200	0.0006	112	70-130	1.16	20	
Benzo (g,h,i) perylene	0.217	0.020	"	0.200	0.001	108	70-130	0.762	20	
Benzo (k) fluoranthene	0.204	0.020	"	0.200	0.0005	102	70-130	1.81	20	
Chrysene	0.217	0.020	"	0.200	0.0009	108	70-130	3.43	20	
Dibenz (a,h) anthracene	0.220	0.020	"	0.200	0.001	110	70-130	0.899	20	
Fluoranthene	0.208	0.020	"	0.200	0.0003	104	70-130	18.0	20	

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 Project: KMG - Shaklee Open 10 &13-25

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4E2825 - EPA 3580

Matrix Spike Dup (B4E2825-MSD1)	Source: Y405765-01			Prepared: 05/28/2024 Analyzed: 05/28/2024						
Fluorene	0.206	0.020	mg/kg	0.200	0.0006	103	70-130	12.7	20	
Indeno (1,2,3-cd) pyrene	0.226	0.020	"	0.200	ND	113	70-130	2.46	20	
Naphthalene	0.207	0.002	"	0.200	ND	103	70-130	6.80	20	
Phenanthrene	0.211	0.020	"	0.200	ND	106	70-130	5.85	20	
Pyrene	0.214	0.020	"	0.200	ND	107	70-130	10.4	20	
Surrogate: Fluorene-d10	200		ug/kg	200		102	60-130			
Surrogate: Anthracene-d10	200		"	200		99.2	60-130			
Surrogate: Pyrene-d10	200		"	200		99.1	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		102	60-130			

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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2903 - Saturated Paste Metals**

**Blank (B4E2903-BLK1)**

Prepared: 05/29/2024 Analyzed: 05/30/2024

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

**Duplicate (B4E2903-DUP1)**

**Source: Y405765-01**

Prepared: 05/29/2024 Analyzed: 05/30/2024

Calcium PPM	14.6	10.0	mg/L		17.1			15.7	50	
SAR	ND	0.0100	SAR		ND				200	
Magnesium PPM	7.03	10.0	mg/L		9.92			34.1	50	
Sodium PPM	2.80	10.0	"		3.06			8.87	50	

**Batch B4E2906 - DTPA Sorbitol Preparation**

**Blank (B4E2906-BLK1)**

Prepared: 05/29/2024 Analyzed: 05/30/2024

Boron	ND	0.100	mg/L							
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**Duplicate (B4E2906-DUP1)**

**Source: Y405765-01**

Prepared: 05/29/2024 Analyzed: 05/30/2024

Boron	0.0481	0.102	mg/L		0.0447			7.34	50	
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Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4E2909 - Saturated Paste pH/EC**

**Blank (B4E2909-BLK1)**

Prepared: 05/29/2024 Analyzed: 05/30/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B4E2909-DUP1)**

**Source: Y405765-01**

Prepared: 05/29/2024 Analyzed: 05/30/2024

pH	8.05		pH Units		8.38			4.02	25	
Specific Conductance (EC)	0.178	0.00500	mmhos/cm		0.204			13.6	25	

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 Broomfield CO 80020

Andy Sagen  
 Project Number: [none]  
 Project: KMG - Shaklee Open 10 &13-25

**Total Metals 7196A - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2632472 - SW846 3060A</b>										
<b>BLANK (1205773539-BLK)</b>					Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	ND	0.362	mg/kg				-			U
<b>LCS (1205773540-BKS)</b>					Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	3.29	0.333	mg/kg	3.33		98.8	80-120			
<b>DUP (1205773541 D)</b>					Source: Y405765-01 Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	0.259	0.287	mg/kg dry		0.258		0-50	0.186	50	J
<b>MS (1205773542 S)</b>					Source: Y405765-01 Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	1.79	0.288	mg/kg dry	2.88	0.258	53.3	75-125			
<b>DUP (1205773543 D)</b>					Source: Y405765-11 Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	0.248	0.246	mg/kg dry		0.221		0-50	11.7	50	
<b>MS (1205773544 S)</b>					Source: Y405765-11 Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	1.72	0.246	mg/kg dry	2.46	0.221	61	75-125			
<b>ILCS (1205773545-ILCS)</b>					Prepared: 06/26/2024 Analyzed: 06/27/2024					
Hexavalent Chromium	7.99	0.375	mg/kg	7.73		103	80-120			

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Broomfield CO 80020

Andy Sagen  
Project Number: [none]  
Project: KMG - Shaklee Open 10 &13-25

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**Notes and Definitions**

Ua Sample is Non-Detect.

U Result not detected above the detection limit

J Greater than the detection limit but less than the reporting limit

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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

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