



**Ensolum**

**March 12, 2026**

**Jeremy Espinoza**

**11049 W 44th Avenue, Suite 103**

**Wheat Ridge CO 80033**

**Project Name - KMG - William Mayer 3, 5-22 Fac**

**Project Number - 09A14171518**

Attached are your analytical results for KMG - William Mayer 3, 5-22 Fac received by Origins Laboratory February 25, 2026. This project is associated with Origins project number DJB0733-01.

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.

The laboratory is TNI accredited by the Utah DHHS ELAP under certificate number CO010822024.

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

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

Origins Laboratory  
303.433.1322  
projectmanager@originslab.com



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



Ensolium  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A14171518  
Project: KMG - William Mayer 3, 5-22 Fac

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AST01@0.5'	DJB0733-01	Soil	February 25, 2026 14:22	02/25/2026 17:07
PWV-W01@2'	DJB0733-02	Soil	February 25, 2026 12:47	02/25/2026 17:07
PWV-B01@4'	DJB0733-03	Soil	February 25, 2026 12:30	02/25/2026 17:07
Sep01-INLET@3'	DJB0733-04	Soil	February 25, 2026 13:31	02/25/2026 17:07
Sep01-OUTLET@3'	DJB0733-05	Soil	February 25, 2026 13:38	02/25/2026 17:07
Sep02-INLET@3'	DJB0733-06	Soil	February 25, 2026 13:07	02/25/2026 17:07
Sep02-OUTLET@3'	DJB0733-07	Soil	February 25, 2026 13:11	02/25/2026 17:07
Native-BG01@3'	DJB0733-08	Soil	February 25, 2026 14:58	02/25/2026 17:07
Native-BG01@6'	DJB0733-09	Soil	February 25, 2026 15:00	02/25/2026 17:07
Native-BG02@3'	DJB0733-10	Soil	February 25, 2026 15:05	02/25/2026 17:07
Native-BG02@6'	DJB0733-11	Soil	February 25, 2026 15:08	02/25/2026 17:07

Origins Laboratory

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Client: ENSOLUM

Project Manager: STEVEN ESPINOZA

Key: W=Water

Address: \_\_\_\_\_

Project Name: William Mayer 3.522 Facility

GW=Groundwater

Telephone Number:                     

Project Number: 01A14121S18

SW=Surface Water

Email Address: King Team

Collected By: EZ

WW=Waste Water

S=Soil | SO=Solid | O=Oil | A=Air | G=Gas || UNP=Unpres | HCl= Hydrochloric | HNO3=Nitric | H2SO4=Sulfuric | NaOH=sodium Hydroxide

Invoice/Billing Info: Initial # 43059

L=Liquid

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis						Comments			
							POLLIST 915	PH	EC	SAR	boron	GIS		metals		
1	ASTOLEO.5'	2-25-26	1422	3	S	UNP	X									
2	PWV-WOLE2'		1247													
3	PWV-BOLE4'		1230													
4	STP01-WLETES1'		1331													
5	SEPO1-OUTLETES3'		1338													
6	STP02-WLETES3'		1307													
7	SEPO2-OUTLETES3'		1311													
8	MATIVE-B6OLE3'		1458					X	X	X	X	X				
9	MATIVE-B6OLE6'		1500					X	X	X	X	X				
10	MATIVE-B6OLE3'		1505					X	X	X	X	X				

Relinquished By: Elizabeth Z.

Date: 2-25-26

Time: 17:07

Received By: NB

Date: 02/25/26

Time: 17:07

Temp Received - 4.0°C Received On Ice?  Yes  No

Turnaround Time  SAME DAY  24 Hr  48 Hr  72

Standard

1795-Elle Place Denver, Co. 80271 (P) 303-433-1322 | origins@originslab.com



Sample Receipt Checklist

Enthalpy Work Order: D580733 Client: Ensolom  
 Checklist Completed by: NB/NB Client Project ID: William Mayer  
 Date/Time Completed: 02/26/20 Shipped Via: HD  
 Matrix(es) Received: X Soil/Solid \_\_\_\_\_ Water \_\_\_\_\_ Other: \_\_\_\_\_  
 Thermometer ID(s): T004  
 Temperature as read (°C): 2.9  
 Temperature as reported (°C): 4.0

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

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

Jack Ak  
 Reviewed by (Project Manager)

3/2/26  
 Date/Time Reviewed

# ORIGINS LABORATORY

Ensolium  
11049 W 44th Avenue, Suite 103  
Wheat Ridge CO 80033

Jeremy Espinoza  
Project Number: 09A14171518  
Project: KMG - William Mayer 3, 5-22 Fac

**AST01@0.5'**  
**2/25/2026 2:22:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.121		0.105	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.224	0.169	0.211	mg/kg dry	1	6C04063	03/04/2026	03/07/2026	
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	1530		26.6	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	
Residual Range Organics (C28-C36)	564		106	"	"	"	"	"	
<i>Surrogate: o-Terphenyl</i>	150 %			50-150		"	"	"	S-02
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	34.2		0.519	mg/kg dry	250	6B27088	02/27/2026	03/03/2026	
1,3,5-Trimethylbenzene	16.7		0.519	"	"	"	"	"	
Benzene	0.628		0.519	"	"	"	"	"	
Ethylbenzene	7.46		0.519	"	"	"	"	"	
Toluene	45.5		0.519	"	"	"	"	"	
Xylenes, total	107		0.519	"	"	"	"	"	
Gasoline Range Hydrocarbons	2890		51.9	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	99.5 %			70-130		"	"	"	
<i>Surrogate: Toluene-d8</i>	115 %			70-130		"	"	"	

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**DJB0733-01 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene 81.5 % 70-130 6B27088 02/27/2026 03/03/2026

**Metals by Saturated Paste by EPA 6010**

Calcium	2.10		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	7.55		0.021	mg/kg dry	10	6B27139	02/27/2026	02/28/2026	
2-Methylnaphthalene	18.1		0.210	"	100	"	"	03/02/2026	
Acenaphthene	1.22		0.210	"	10	"	"	02/28/2026	
Anthracene	ND		0.210	"	"	"	"	"	R-05, U
Benzo (a) anthracene	ND		0.052	"	"	"	"	"	R-05, U
Benzo (a) pyrene	ND		0.210	"	"	"	"	"	R-05, U
Benzo (b) fluoranthene	ND		0.210	"	"	"	"	"	R-05, U
Benzo (k) fluoranthene	ND		0.210	"	"	"	"	"	R-05, U
Chrysene	ND		0.210	"	"	"	"	"	R-05, U
Dibenz (a,h) anthracene	ND		0.210	"	"	"	"	"	R-05, U
Fluoranthene	ND		0.210	"	"	"	"	"	R-05, U
Fluorene	1.33		0.210	"	"	"	"	"	

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**2/25/2026 2:22:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-01 (Soil)**  
**Origins Laboratory**

**PAH by EPA 8270E extracted via 3580A**

Indeno (1,2,3-cd) pyrene	ND		0.210	mg/kg dry	10	6B27139	02/27/2026	02/28/2026	R-05, U
Naphthalene	5.46		0.021	"	"	"	"	"	
Pyrene	ND		0.210	"	"	"	"	"	R-05, U

Surrogate: Fluorene-d10	103 %				70-130	"	"	"	
Surrogate: Anthracene-d10	97.4 %				70-130	"	"	"	
Surrogate: Pyrene-d10	102 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	100 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	94.6			mass percent	1	6B27134	02/27/2026	02/27/2026	
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**pH in Soil by 9045D**

pH	8.00			pH Units	1	6B27079	02/27/2026	03/05/2026	
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**SAR by 20B Saturated Paste**

SAR	0.197		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.312		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**2/25/2026 2:22:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-01 (Soil)**  
**Origins Laboratory**

**Table 915 metals by EPA 6020B**

Arsenic	2.25		0.212	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	ND		59.9	"	"	"	"	"	U
Cadmium	ND		0.278	"	"	"	"	"	U
Copper	ND		33.6	"	"	"	"	"	U
Lead	11.2		10.2	"	"	"	"	"	
Nickel	ND		19.0	"	"	"	"	"	U
Selenium	ND		0.180	"	"	"	"	"	U
Silver	ND		0.585	"	"	"	"	"	U
Zinc	ND		270	"	"	"	"	"	U

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PWV-W01@2'

2/25/2026 12:47:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.543		0.109	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.174	0.171	0.214	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.6	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	U
Residual Range Organics (C28-C36)	ND		110	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	85.4 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6B27088	02/27/2026	03/02/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.218	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	103 %			70-130		"	"	"	

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PWV-W01@2'

2/25/2026 12:47:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-02 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	93.5 %			70-130		6B27088	02/27/2026	03/02/2026	
Surrogate: 4-Bromofluorobenzene	97.3 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.29		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	0.826		0.823	"	"	"	"	"	
Sodium	1.39		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	0.008		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U

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PWV-W01@2  
 2/25/2026 12:47:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>PAH by EPA 8270E extracted via 3580A</b>									
Fluorene	ND		0.022	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	95.0 %				70-130	"	"	"	
Surrogate: Anthracene-d10	96.7 %				70-130	"	"	"	
Surrogate: Pyrene-d10	104 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.8 %				70-130	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	90.8			mass percent	1	6B27134	02/27/2026	02/27/2026	
<b>pH in Soil by 9045D</b>									
pH	8.03			pH Units	1	6B27079	02/27/2026	03/05/2026	
<b>SAR by 20B Saturated Paste</b>									
SAR	1.11		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
<b>Specific Conductance Mod. 9050A</b>									

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

PWV-W01@2  
 2/25/2026 12:47:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-02 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.527		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	3.58		0.220	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	71.1		62.0	"	"	"	"	"	
Cadmium	0.381		0.287	"	"	"	"	"	
Copper	ND		34.8	"	"	"	"	"	U
Lead	18.4		10.6	"	"	"	"	"	
Nickel	ND		19.7	"	"	"	"	"	U
Selenium	0.209		0.186	"	"	"	"	"	
Silver	ND		0.605	"	"	"	"	"	U
Zinc	ND		280	"	"	"	"	"	U

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**PWV-B01@4'**  
**2/25/2026 12:30:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-03 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.190		0.109	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.184	0.174	0.217	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.4	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	U
Residual Range Organics (C28-C36)	ND		109	"	"	"	"	"	U
Surrogate: o-Terphenyl	89.9 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6B27088	02/27/2026	03/02/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	0.289		0.215	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	103 %			70-130		"	"	"	

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 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

PWV-B01@4'  
 2/25/2026 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJB0733-03 (Soil)  
 Origins Laboratory

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	94.0 %			70-130		6B27088	02/27/2026	03/02/2026	
Surrogate: 4-Bromofluorobenzene	97.8 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.59		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.021	"	"	"	"	"	U
Anthracene	ND		0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.021	"	"	"	"	"	U
Chrysene	ND		0.021	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U

Origins Laboratory

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Ensolium  
 11049 W 44th Avenue, Suite 103  
 Wheat Ridge CO 80033

Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

PWV-B01@4'

2/25/2026 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-03 (Soil)**  
**Origins Laboratory**

**PAH by EPA 8270E extracted via 3580A**

Fluorene	ND		0.021	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	96.4 %				70-130	"	"	"	
Surrogate: Anthracene-d10	95.4 %				70-130	"	"	"	
Surrogate: Pyrene-d10	105 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.8 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	92.2			mass percent	1	6B27134	02/27/2026	02/27/2026	
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**pH in Soil by 9045D**

pH	8.25			pH Units	1	6B27079	02/27/2026	03/05/2026	
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**SAR by 20B Saturated Paste**

SAR	0.142		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
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**Specific Conductance Mod. 9050A**

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

PWW-B01@4'

2/25/2026 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-03 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.250		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	2.51		0.204	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	ND		57.6	"	"	"	"	"	U
Cadmium	ND		0.267	"	"	"	"	"	U
Copper	ND		32.3	"	"	"	"	"	U
Lead	10.3		9.83	"	"	"	"	"	
Nickel	ND		18.2	"	"	"	"	"	U
Selenium	ND		0.173	"	"	"	"	"	U
Silver	ND		0.561	"	"	"	"	"	U
Zinc	ND		260	"	"	"	"	"	U

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 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**Sen01-INLET@3'**  
**2/25/2026 1:31:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-04 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.195		0.111	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.190	0.174	0.217	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.7	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	U
Residual Range Organics (C28-C36)	ND		111	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	83.5 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6B27088	02/27/2026	03/02/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.219	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	104 %			70-130		"	"	"	

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

Sen01-INLET@3'  
 2/25/2026 1:31:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJB0733-04 (Soil)  
 Origins Laboratory

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	94.0 %			70-130		6B27088	02/27/2026	03/02/2026	
Surrogate: 4-Bromofluorobenzene	97.3 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.989		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.589		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U

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 Project: KMG - William Mayer 3, 5-22 Fac

**Sen01-INLET@3'**  
**2/25/2026 1:31:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-04 (Soil)**  
**Origins Laboratory**

**PAH by EPA 8270E extracted via 3580A**

Fluorene	ND		0.022	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U

Surrogate: Fluorene-d10	94.9 %				70-130	"	"	"	
Surrogate: Anthracene-d10	96.4 %				70-130	"	"	"	
Surrogate: Pyrene-d10	106 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.8 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	89.7			mass percent	1	6B27134	02/27/2026	02/27/2026	
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**pH in Soil by 9045D**

pH	8.15			pH Units	1	6B27079	02/27/2026	03/05/2026	
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**SAR by 20B Saturated Paste**

SAR	0.707		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
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**Specific Conductance Mod. 9050A**

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 Project: KMG - William Mayer 3, 5-22 Fac

**Sen01-INLET@3'**  
**2/25/2026 1:31:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-04 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.236		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	5.02		0.207	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	86.5		58.5	"	"	"	"	"	
Cadmium	0.706		0.271	"	"	"	"	"	
Copper	ND		32.8	"	"	"	"	"	U
Lead	20.7		9.99	"	"	"	"	"	
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	0.224		0.176	"	"	"	"	"	
Silver	ND		0.571	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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 Project: KMG - William Mayer 3, 5-22 Fac

**Seo01-OUTLET@3'**  
**2/25/2026 1:38:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.195		0.111	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.199	0.171	0.214	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.8	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	U
Residual Range Organics (C28-C36)	ND		111	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	87.4 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6B27088	02/27/2026	03/02/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.219	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	104 %			70-130		"	"	"	

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 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**Seo01-OUTLET@3'**  
**2/25/2026 1:38:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-05 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	94.7 %			70-130		6B27088	02/27/2026	03/02/2026	
Surrogate: 4-Bromofluorobenzene	97.4 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.99		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.006	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**Seb01-OUTLET@3'**  
**2/25/2026 1:38:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>PAH by EPA 8270E extracted via 3580A</b>									
Fluorene	ND		0.022	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	96.2 %				70-130	"	"	"	
Surrogate: Anthracene-d10	95.6 %				70-130	"	"	"	
Surrogate: Pyrene-d10	103 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	98.4 %				70-130	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	90.6			mass percent	1	6B27134	02/27/2026	02/27/2026	
<b>pH in Soil by 9045D</b>									
pH	8.17			pH Units	1	6B27079	02/27/2026	03/05/2026	
<b>SAR by 20B Saturated Paste</b>									
SAR	0.143		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
<b>Specific Conductance Mod. 9050A</b>									

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 Project: KMG - William Mayer 3, 5-22 Fac

**Seo01-OUTLET@3'**  
**2/25/2026 1:38:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.326		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	2.93		0.216	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	ND		61.0	"	"	"	"	"	U
Cadmium	0.304		0.283	"	"	"	"	"	
Copper	ND		34.2	"	"	"	"	"	U
Lead	11.7		10.4	"	"	"	"	"	
Nickel	ND		19.3	"	"	"	"	"	U
Selenium	ND		0.183	"	"	"	"	"	U
Silver	ND		0.595	"	"	"	"	"	U
Zinc	ND		275	"	"	"	"	"	U

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**Sen02-INLET@3'**  
**2/25/2026 1:07:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-06 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.197		0.108	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	ND	0.175	0.219	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.3	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	U
Residual Range Organics (C28-C36)	ND		109	"	"	"	"	"	U
Surrogate: o-Terphenyl	90.0 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6B27088	02/27/2026	03/02/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.218	"	"	"	"	"	U

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Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**Sen02-INLET@3'**  
**2/25/2026 1:07:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-06 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Surrogate: 1,2-Dichloroethane-d4	104 %			70-130		6B27088	02/27/2026	03/02/2026	
Surrogate: Toluene-d8	93.2 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	97.2 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.78		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.006	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U

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 Wheat Ridge CO 80033

Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**Sen02-INLET@3'**  
**2/25/2026 1:07:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-06 (Soil)**  
**Origins Laboratory**

**PAH by EPA 8270E extracted via 3580A**

Fluoranthene	ND		0.022	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U

Surrogate: Fluorene-d10	95.9 %			70-130		"	"	"	
Surrogate: Anthracene-d10	94.2 %			70-130		"	"	"	
Surrogate: Pyrene-d10	104 %			70-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.3 %			70-130		"	"	"	

**Percent Solids**

Total Solids, Percent	90.9			mass percent	1	6B27134	02/27/2026	02/27/2026	
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**pH in Soil by 9045D**

pH	8.15			pH Units	1	6B27079	02/27/2026	03/05/2026	
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**SAR by 20B Saturated Paste**

SAR	0.327		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
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Jeremy Espinoza  
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 Project: KMG - William Mayer 3, 5-22 Fac

**Sen02-INLET@3'**  
**2/25/2026 1:07:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-06 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.333		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	2.86		0.211	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	ND		59.4	"	"	"	"	"	U
Cadmium	ND		0.275	"	"	"	"	"	U
Copper	ND		33.3	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.8	"	"	"	"	"	U
Selenium	ND		0.178	"	"	"	"	"	U
Silver	ND		0.580	"	"	"	"	"	U
Zinc	ND		268	"	"	"	"	"	U

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 Project: KMG - William Mayer 3, 5-22 Fac

**Se02-OUTLET@3'**  
**2/25/2026 1:11:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-07 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.367		0.110	mg/L dry	1	6B27043	02/27/2026	03/03/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.212	0.180	0.226	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.7	mg/kg dry	1	6B27102	02/27/2026	02/28/2026	U
Residual Range Organics (C28-C36)	ND		111	"	"	"	"	"	U
<i>Surrogate: o-Terphenyl</i>	88.2 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6B27088	02/27/2026	03/02/2026	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.220	"	"	"	"	"	U
<i>Surrogate: 1,2-Dichloroethane-d4</i>	103 %			70-130		"	"	"	

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**Seb02-OUTLET@3'**  
**2/25/2026 1:11:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-07 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	93.5 %			70-130		6B27088	02/27/2026	03/02/2026	
Surrogate: 4-Bromofluorobenzene	96.9 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	2.55		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	1.15		0.823	"	"	"	"	"	
Sodium	0.633		0.435	"	"	"	"	"	

**PAH by EPA 8270E extracted via 3580A**

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	U
Acenaphthene	ND		0.022	"	"	"	"	"	U
Anthracene	ND		0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND		0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND		0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND		0.022	"	"	"	"	"	U
Chrysene	ND		0.022	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U

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**Seb02-OUTLET@3'**  
**2/25/2026 1:11:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-07 (Soil)**  
**Origins Laboratory**

**PAH by EPA 8270E extracted via 3580A**

Fluorene	ND		0.022	mg/kg dry	1	6B27139	02/27/2026	02/28/2026	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U

Surrogate: Fluorene-d10	95.8 %				70-130	"	"	"	
Surrogate: Anthracene-d10	95.9 %				70-130	"	"	"	
Surrogate: Pyrene-d10	103 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	97.5 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	89.7			mass percent	1	6B27134	02/27/2026	02/27/2026	
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**pH in Soil by 9045D**

pH	8.19			pH Units	1	6B27079	02/27/2026	03/05/2026	
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**SAR by 20B Saturated Paste**

SAR	0.465		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	
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**Specific Conductance Mod. 9050A**

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**Se02-OUTLET@3'**  
**2/25/2026 1:11:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-07 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.500		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	3.91		0.227	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	200		64.0	"	"	"	"	"	
Cadmium	ND		0.297	"	"	"	"	"	U
Copper	ND		35.9	"	"	"	"	"	U
Lead	14.3		10.9	"	"	"	"	"	
Nickel	ND		20.3	"	"	"	"	"	U
Selenium	0.249		0.192	"	"	"	"	"	
Silver	ND		0.625	"	"	"	"	"	U
Zinc	ND		289	"	"	"	"	"	U

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**Native-BG01@3'**  
**2/25/2026 2:58:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-08 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.105	mg/L dry	1	6C02019	03/02/2026	03/04/2026	U
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.198	0.169	0.211	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	1.50		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.66		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	94.5			mass percent	1	6B27134	02/27/2026	02/27/2026	
<b>pH in Soil by 9045D</b>									
pH	8.32			pH Units	1	6B27079	02/27/2026	03/05/2026	
<b>SAR by 20B Saturated Paste</b>									
SAR	1.64		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	

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 Project: KMG - William Mayer 3, 5-22 Fac

**Native-BG01@3'**  
**2/25/2026 2:58:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-08 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.459		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	1.07		0.213	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	ND		60.2	"	"	"	"	"	U
Cadmium	ND		0.279	"	"	"	"	"	U
Copper	ND		33.8	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.1	"	"	"	"	"	U
Selenium	ND		0.181	"	"	"	"	"	U
Silver	ND		0.587	"	"	"	"	"	U
Zinc	ND		272	"	"	"	"	"	U

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 Project: KMG - William Mayer 3, 5-22 Fac

**Native-BG01@6'**  
**2/25/2026 3:00:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-09 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.132		0.106	mg/L dry	1	6C02019	03/02/2026	03/04/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.209	0.169	0.212	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	2.33		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	0.978		0.823	"	"	"	"	"	
Sodium	2.30		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	93.4			mass percent	1	6B27134	02/27/2026	02/27/2026	
<b>pH in Soil by 9045D</b>									
pH	8.17			pH Units	1	6B27079	02/27/2026	03/05/2026	
<b>SAR by 20B Saturated Paste</b>									
SAR	1.79		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	

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 Project: KMG - William Mayer 3, 5-22 Fac

**Native-BG01@6'**  
**2/25/2026 3:00:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-09 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.667		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	2.51		0.207	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	63.5		58.5	"	"	"	"	"	
Cadmium	ND		0.271	"	"	"	"	"	U
Copper	ND		32.8	"	"	"	"	"	U
Lead	ND		9.99	"	"	"	"	"	U
Nickel	ND		18.5	"	"	"	"	"	U
Selenium	ND		0.175	"	"	"	"	"	U
Silver	ND		0.571	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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**Native-BG02@3'**  
**2/25/2026 3:05:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-10 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	0.145		0.116	mg/L dry	1	6C02019	03/02/2026	03/04/2026	
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.576	0.184	0.230	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	2.58		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	0.978		0.823	"	"	"	"	"	
Sodium	3.13		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	87.4			mass percent	1	6B27134	02/27/2026	02/27/2026	
<b>pH in Soil by 9045D</b>									
pH	8.19			pH Units	1	6B27079	02/27/2026	03/05/2026	
<b>SAR by 20B Saturated Paste</b>									
SAR	2.34		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	

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**Native-BG02@3'**  
**2/25/2026 3:05:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-10 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.742		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	4.47		0.215	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	152		60.8	"	"	"	"	"	
Cadmium	ND		0.282	"	"	"	"	"	U
Copper	ND		34.1	"	"	"	"	"	U
Lead	14.0		10.4	"	"	"	"	"	
Nickel	ND		19.3	"	"	"	"	"	U
Selenium	ND		0.182	"	"	"	"	"	U
Silver	ND		0.593	"	"	"	"	"	U
Zinc	ND		274	"	"	"	"	"	U

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**Native-BG02@6'**  
**2/25/2026 3:08:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJB0733-11 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.105	mg/L dry	1	6C02019	03/02/2026	03/04/2026	U
<b>Chromium Hexavalent by EPA 7199</b>									
Hexavalent Chromium	0.208	0.173	0.216	mg/kg dry	1	6C04064	03/04/2026	03/08/2026	J
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	1.08		0.499	meq/L	10	[CALC]	02/27/2026	03/05/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	1.98		0.435	"	"	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	93.8			mass percent	1	6B27134	02/27/2026	02/27/2026	
<b>pH in Soil by 9045D</b>									
pH	8.40			pH Units	1	6B27079	02/27/2026	03/05/2026	
<b>SAR by 20B Saturated Paste</b>									
SAR	2.28		0.0100	SAR	1	6B27061	02/27/2026	03/05/2026	

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**Native-BG02@6'**  
**2/25/2026 3:08:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJB0733-11 (Soil)**  
**Origins Laboratory**

**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.402		0.00500	mmhos/cm	1	6B27079	02/27/2026	03/05/2026	
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**Table 915 metals by EPA 6020B**

Arsenic	1.40		0.208	mg/kg dry	10	6B27106	02/27/2026	03/03/2026	
Barium	59.8		58.6	"	"	"	"	"	
Cadmium	ND		0.272	"	"	"	"	"	U
Copper	ND		32.9	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	ND		0.176	"	"	"	"	"	U
Silver	ND		0.572	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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Ensolium  
 11049 W 44th Avenue, Suite 103  
 Wheat Ridge CO 80033

Jeremy Espinoza  
 Project Number: 09A14171518  
 Project: KMG - William Mayer 3, 5-22 Fac

**\*\*\* DEFAULT GENERAL METHOD \*\*\* - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6B27134 - % Solids</b>										
<b>Duplicate (6B27134-DUP1)</b>			<b>Source: DJB0725-18</b>			Prepared: 02/27/2026 Analyzed: 02/27/2026				
Total Solids, Percent	87.3		mass percent		87.4			0.0928	20	
<b>Duplicate (6B27134-DUP2)</b>			<b>Source: DJB0725-19</b>			Prepared: 02/27/2026 Analyzed: 02/27/2026				
Total Solids, Percent	85.5		mass percent		85.9			0.455	20	
<b>Batch 6C04063 - EPA 3060A</b>										
<b>Blank (6C04063-BLK1)</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026							
Hexavalent Chromium	ND	0.200	mg/kg wet							U
<b>LCS (6C04063-BS1)</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026							
Hexavalent Chromium	1.82	0.200	mg/kg wet	2.00		91.2	80-120			
<b>Matrix Spike (6C04063-MS1)</b>			<b>Source: DJB0729-01</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026				
Hexavalent Chromium	1.92	0.233	mg/kg dry	2.33	ND	82.3	75-125			
<b>Matrix Spike (6C04063-MS2)</b>			<b>Source: DJB0729-01</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026				
Hexavalent Chromium	198	24.5	mg/kg dry	225	ND	88.1	75-125			
<b>Matrix Spike Dup (6C04063-MSD1)</b>			<b>Source: DJB0729-01</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026				
Hexavalent Chromium	2.01	0.241	mg/kg dry	2.41	ND	83.5	75-125	4.69	20	
<b>Post Spike (6C04063-PS1)</b>			<b>Source: DJB0729-01</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026				
Hexavalent Chromium	52.7		ug/L	50.0	0.820	104	80-120			
<b>Batch 6C04064 - EPA 3060A</b>										
<b>Blank (6C04064-BLK1)</b>			Prepared: 03/04/2026 Analyzed: 03/07/2026							

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 Project: KMG - William Mayer 3, 5-22 Fac

**\*\*\* DEFAULT GENERAL METHOD \*\*\* - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 6C04064 - EPA 3060A</b>										
<b>Blank (6C04064-BLK1)</b>										
					Prepared: 03/04/2026 Analyzed: 03/07/2026					
Hexavalent Chromium	ND	0.200	mg/kg wet							U
<b>LCS (6C04064-BS1)</b>										
					Prepared: 03/04/2026 Analyzed: 03/08/2026					
Hexavalent Chromium	1.68	0.200	mg/kg wet	2.00		84.1	80-120			
<b>Matrix Spike (6C04064-MS1)</b>										
					Source: DJB0721-01 Prepared: 03/04/2026 Analyzed: 03/08/2026					
Hexavalent Chromium	1.95	0.217	mg/kg dry	2.17	ND	89.8	75-125			
<b>Matrix Spike (6C04064-MS2)</b>										
					Source: DJB0721-01 Prepared: 03/04/2026 Analyzed: 03/08/2026					
Hexavalent Chromium	238	21.3	mg/kg dry	218	ND	109	75-125			
<b>Matrix Spike Dup (6C04064-MSD1)</b>										
					Source: DJB0721-01 Prepared: 03/04/2026 Analyzed: 03/08/2026					
Hexavalent Chromium	1.78	0.210	mg/kg dry	2.10	ND	84.7	75-125	9.18	20	
<b>Post Spike (6C04064-PS1)</b>										
					Source: DJB0721-01 Prepared: 03/04/2026 Analyzed: 03/08/2026					
Hexavalent Chromium	51.6		ug/L	50.0	2.37	98.4	80-120			

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**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27043 - DTPA Sorbitol Preparation**

Prepared: 02/27/2026 Analyzed: 03/03/2026

**Blank (6B27043-BLK1)**

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

**Duplicate (6B27043-DUP1)**

Source: DJB0729-14

Prepared: 02/27/2026 Analyzed: 03/03/2026

(DTPA Sorbitol) Boron 10.1 0.114 mg/L dry 9.47 6.93 50

**Batch 6B27061 - Saturated Paste Metals**

Prepared: 02/27/2026 Analyzed: 03/05/2026

**Blank (6B27061-BLK1)**

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

**Duplicate (6B27061-DUP1)**

Source: DJB0730-02

Prepared: 02/27/2026 Analyzed: 03/05/2026

SAR ND 0.0100 SAR 6.10 200 U  
 Calcium PPM 53.5 10.0 mg/L 47.5 11.9 50  
 Magnesium PPM 17.6 10.0 " 16.3 7.44 50  
 Sodium PPM 191 10.0 " 191 0.183 50

**Batch 6C02019 - DTPA Sorbitol Preparation**

Prepared: 03/02/2026 Analyzed: 03/04/2026

**Blank (6C02019-BLK1)**

(DTPA Sorbitol) Boron ND 0.100 mg/L wet U

**Duplicate (6C02019-DUP1)**

Source: DJB0733-08

Prepared: 03/02/2026 Analyzed: 03/04/2026

(DTPA Sorbitol) Boron 0.0479 0.107 mg/L dry 0.0547 13.3 50 U

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27139 - EPA 3580**

**Blank (6B27139-BLK1)**

Prepared: 02/27/2026 Analyzed: 02/28/2026

1-Methylnaphthalene	ND	0.002	mg/kg wet							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	190		ug/kg	200	96.4	70-130
Surrogate: Anthracene-d10	200		"	200	97.7	70-130
Surrogate: Pyrene-d10	210		"	200	104	70-130
Surrogate: Benzo (a) pyrene-d12	190		"	200	96.5	70-130

**LCS (6B27139-BS1)**

Prepared: 02/27/2026 Analyzed: 02/28/2026

1-Methylnaphthalene	0.188	0.002	mg/kg wet	0.203	92.5	70-130
2-Methylnaphthalene	0.187	0.002	"	0.203	91.9	70-130
Acenaphthene	0.204	0.020	"	0.203	101	70-130
Anthracene	0.192	0.020	"	0.203	94.6	70-130
Benzo (a) anthracene	0.193	0.005	"	0.203	94.9	70-130
Benzo (a) pyrene	0.206	0.020	"	0.203	102	70-130

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B27139 - EPA 3580

**LCS (6B27139-BS1)**

Prepared: 02/27/2026 Analyzed: 02/28/2026

Benzo (b) fluoranthene	0.208	0.020	mg/kg wet	0.203		103	70-130			
Benzo (g,h,i) perylene	0.204	0.020	"	0.203		100	70-130			
Benzo (k) fluoranthene	0.220	0.020	"	0.203		109	70-130			
Chrysene	0.204	0.020	"	0.203		101	70-130			
Dibenz (a,h) anthracene	0.193	0.020	"	0.203		95.1	70-130			
Fluoranthene	0.216	0.020	"	0.203		106	70-130			
Fluorene	0.203	0.020	"	0.203		100	70-130			
Indeno (1,2,3-cd) pyrene	0.193	0.020	"	0.203		95.2	70-130			
Naphthalene	0.211	0.002	"	0.203		104	70-130			
Phenanthrene	0.203	0.020	"	0.203		99.9	70-130			
Pyrene	0.216	0.020	"	0.203		106	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		97.2	70-130			
Surrogate: Anthracene-d10	190		"	200		97.3	70-130			
Surrogate: Pyrene-d10	210		"	200		103	70-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.9	70-130			

**Matrix Spike (6B27139-MS1)**

Source: DJB0729-06

Prepared: 02/27/2026 Analyzed: 02/28/2026

1-Methylnaphthalene	0.219	0.002	mg/kg dry	0.237	0.0006	92.4	70-130			
2-Methylnaphthalene	0.216	0.002	"	0.237	ND	91.3	70-130			
Acenaphthene	0.233	0.024	"	0.237	ND	98.3	70-130			
Anthracene	0.224	0.024	"	0.237	0.0007	94.3	70-130			
Benzo (a) anthracene	0.231	0.006	"	0.237	0.002	96.7	70-130			
Benzo (a) pyrene	0.243	0.024	"	0.237	0.002	102	70-130			
Benzo (b) fluoranthene	0.248	0.024	"	0.237	0.001	104	70-130			
Benzo (g,h,i) perylene	0.233	0.024	"	0.237	0.002	97.8	70-130			
Benzo (k) fluoranthene	0.250	0.024	"	0.237	0.001	105	70-130			
Chrysene	0.219	0.024	"	0.237	0.002	91.6	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27139 - EPA 3580**

<b>Matrix Spike (6B27139-MS1)</b>		<b>Source: DJB0729-06</b>			<b>Prepared: 02/27/2026 Analyzed: 02/28/2026</b>					
Dibenz (a,h) anthracene	0.229	0.024	mg/kg dry	0.237	0.004	95.0	70-130			
Fluoranthene	0.241	0.024	"	0.237	0.0007	102	70-130			
Fluorene	0.228	0.024	"	0.237	ND	96.1	70-130			
Indeno (1,2,3-cd) pyrene	0.227	0.024	"	0.237	0.003	94.2	70-130			
Naphthalene	0.239	0.002	"	0.237	ND	101	70-130			
Phenanthrene	0.234	0.024	"	0.237	ND	98.9	70-130			
Pyrene	0.241	0.024	"	0.237	ND	102	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		95.8	70-130			
Surrogate: Anthracene-d10	190		"	200		95.8	70-130			
Surrogate: Pyrene-d10	200		"	200		102	70-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.6	70-130			

<b>Matrix Spike Dup (6B27139-MSD1)</b>		<b>Source: DJB0729-06</b>			<b>Prepared: 02/27/2026 Analyzed: 02/28/2026</b>					
1-Methylnaphthalene	0.220	0.002	mg/kg dry	0.237	0.0006	92.4	70-130	0.0731	35	
2-Methylnaphthalene	0.215	0.002	"	0.237	ND	90.8	70-130	0.643	35	
Acenaphthene	0.233	0.024	"	0.237	ND	98.5	70-130	0.178	35	
Anthracene	0.213	0.024	"	0.237	0.0007	89.5	70-130	5.20	35	
Benzo (a) anthracene	0.222	0.006	"	0.237	0.002	93.0	70-130	3.92	35	
Benzo (a) pyrene	0.238	0.024	"	0.237	0.002	99.5	70-130	2.17	35	
Benzo (b) fluoranthene	0.251	0.024	"	0.237	0.001	105	70-130	1.34	35	
Benzo (g,h,i) perylene	0.236	0.024	"	0.237	0.002	98.7	70-130	0.945	35	
Benzo (k) fluoranthene	0.254	0.024	"	0.237	0.001	107	70-130	1.34	35	
Chrysene	0.217	0.024	"	0.237	0.002	90.7	70-130	0.963	35	
Dibenz (a,h) anthracene	0.231	0.024	"	0.237	0.004	96.2	70-130	1.23	35	
Fluoranthene	0.242	0.024	"	0.237	0.0007	102	70-130	0.202	35	
Fluorene	0.226	0.024	"	0.237	ND	95.3	70-130	0.855	35	
Indeno (1,2,3-cd) pyrene	0.225	0.024	"	0.237	0.003	93.7	70-130	0.510	35	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B27139 - EPA 3580

Matrix Spike Dup (6B27139-MSD1)

Source: DJB0729-06

Prepared: 02/27/2026 Analyzed: 02/28/2026

Naphthalene	0.248	0.002	mg/kg dry	0.237	ND	105	70-130	3.62	35	
Phenanthrene	0.224	0.024	"	0.237	ND	94.5	70-130	4.57	35	
Pyrene	0.242	0.024	"	0.237	ND	102	70-130	0.279	35	
Surrogate: Fluorene-d10	190		ug/kg	200		95.6	70-130			
Surrogate: Anthracene-d10	180		"	200		91.1	70-130			
Surrogate: Pyrene-d10	210		"	200		103	70-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		97.6	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27102 - EPA 3550B**

**Blank (6B27102-BLK1)**

Prepared: 02/27/2026 Analyzed: 02/28/2026

Diesel (C10-C28)	ND	25.2	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	101	"							U
Surrogate: o-Terphenyl	24		"	25.0		96.9	50-150			

**LCS (6B27102-BS1)**

Prepared: 02/27/2026 Analyzed: 02/28/2026

Diesel (C10-C28)	880	49.8	mg/kg wet	996		88.4	70-130			
Residual Range Organics (C28-C36)	914	199	"	996		91.7	70-130			
Surrogate: o-Terphenyl	52		"	49.6		104	50-150			

**Matrix Spike (6B27102-MS1)**

**Source: DJB0725-05**

Prepared: 02/27/2026 Analyzed: 02/28/2026

Diesel (C10-C28)	1110	57.7	mg/kg dry	1150	ND	95.9	70-130			
Residual Range Organics (C28-C36)	1170	231	"	1150	ND	101	70-130			
Surrogate: o-Terphenyl	64		"	57.5		112	50-150			

**Matrix Spike Dup (6B27102-MSD1)**

**Source: DJB0725-05**

Prepared: 02/27/2026 Analyzed: 02/28/2026

Diesel (C10-C28)	1130	58.2	mg/kg dry	1160	ND	96.9	70-130	1.80	35	
Residual Range Organics (C28-C36)	1210	233	"	1160	ND	104	70-130	3.58	35	
Surrogate: o-Terphenyl	66		"	57.9		114	50-150			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27106 - EPA 3050B**

Prepared: 02/27/2026 Analyzed: 03/03/2026

**Blank (6B27106-BLK1)**

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

**LCS (6B27106-BS1)**

Prepared: 02/27/2026 Analyzed: 03/03/2026

Arsenic	4.94	0.218	mg/kg wet	5.00		98.8	80-120			
Barium	482	61.5	"	500		96.4	80-120			
Cadmium	4.90	0.285	"	5.00		97.9	80-120			
Copper	49.8	34.5	"	50.0		99.6	80-120			
Lead	4.86	10.5	"	5.00		97.2	80-120			U
Nickel	5.01	19.5	"	5.00		100	80-120			U
Selenium	4.84	0.184	"	5.00		96.8	80-120			
Silver	5.01	0.600	"	5.00		100	80-120			
Zinc	49.3	278	"	50.0		98.6	80-120			U

**Matrix Spike (6B27106-MS1)**

**Source: DJB0733-01**

Prepared: 02/27/2026 Analyzed: 03/03/2026

Arsenic	7.12	0.220	mg/kg dry	5.03	2.25	96.8	75-125			
Barium	521	61.9	"	503	52.2	93.1	75-125			
Cadmium	5.03	0.287	"	5.03	0.263	94.7	75-125			
Copper	58.0	34.7	"	50.3	10.1	95.2	75-125			
Lead	16.2	10.6	"	5.03	11.2	99.3	75-125			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6B27106 - EPA 3050B

**Matrix Spike (6B27106-MS1)**

Source: DJB0733-01

Prepared: 02/27/2026 Analyzed: 03/03/2026

Nickel	10.9	19.6	mg/kg dry	5.03	6.27	93.0	75-125			U
Selenium	4.90	0.186	"	5.03	0.132	94.8	75-125			
Silver	4.99	0.604	"	5.03	0.0994	97.1	75-125			
Zinc	89.7	279	"	50.3	38.9	101	75-125			U

**Matrix Spike Dup (6B27106-MSD1)**

Source: DJB0733-01

Prepared: 02/27/2026 Analyzed: 03/03/2026

Arsenic	7.10	0.219	mg/kg dry	5.02	2.25	96.6	75-125	0.328	20	
Barium	518	61.7	"	502	52.2	92.9	75-125	0.470	20	
Cadmium	5.06	0.286	"	5.02	0.263	95.7	75-125	0.634	20	
Copper	57.7	34.6	"	50.2	10.1	95.0	75-125	0.453	20	
Lead	15.2	10.5	"	5.02	11.2	79.5	75-125	6.47	20	
Nickel	11.1	19.6	"	5.02	6.27	95.5	75-125	0.973	20	U
Selenium	5.19	0.185	"	5.02	0.132	101	75-125	5.73	20	
Silver	5.01	0.602	"	5.02	0.0994	97.9	75-125	0.422	20	
Zinc	87.8	278	"	50.2	38.9	97.6	75-125	2.11	20	U

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 Project Number: 09A14171518  
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**Saturated Paste - Quality Control**  
**Origins Laboratory**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27079 - Saturated Paste pH/EC**

**Blank (6B27079-BLK1)**

Prepared: 02/27/2026 Analyzed: 03/05/2026

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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**Duplicate (6B27079-DUP1)**

**Source: DJB0730-02**

Prepared: 02/27/2026 Analyzed: 03/05/2026

Specific Conductance (EC)	1.09	0.00500	mmhos/cm		1.27			15.2	25	
pH	8.23		pH Units		8.21			0.243	25	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27088 - EPA 5030 (soil)**

Prepared: 02/27/2026 Analyzed: 03/02/2026

**Blank (6B27088-BLK1)**

1,2,4-Trimethylbenzene	ND	0.002	mg/kg wet							U
1,3,5-Trimethylbenzene	ND	0.002	"							U
Benzene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U

Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125	101		70-130			
Surrogate: Toluene-d8	0.14		"	0.125	108		70-130			
Surrogate: 4-Bromofluorobenzene	0.11		"	0.125	89.3		70-130			

**LCS (6B27088-BS1)**

Prepared: 02/27/2026 Analyzed: 03/02/2026

1,2,4-Trimethylbenzene	0.112	0.002	mg/kg wet	0.100	112		70-130			
1,3,5-Trimethylbenzene	0.116	0.002	"	0.100	116		70-130			
Benzene	0.107	0.002	"	0.100	107		70-130			
Ethylbenzene	0.103	0.002	"	0.100	103		70-130			
Naphthalene	0.118	0.004	"	0.100	118		70-130			
Toluene	0.111	0.002	"	0.100	111		70-130			
o-Xylene	0.118	0.002	"	0.100	118		70-130			
m,p-Xylene	0.202	0.004	"	0.200	101		70-130			

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	95.9		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	102		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	103		70-130			

**Matrix Spike (6B27088-MS1)**

Source: DJB0717-01

Prepared: 02/27/2026 Analyzed: 03/02/2026

1,2,4-Trimethylbenzene	0.140	0.002	mg/kg dry	0.121	ND	116	70-130			
1,3,5-Trimethylbenzene	0.141	0.002	"	0.121	ND	117	70-130			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 6B27088 - EPA 5030 (soil)**

**Matrix Spike (6B27088-MS1)**

**Source: DJB0717-01**

Prepared: 02/27/2026 Analyzed: 03/02/2026

Benzene	0.119	0.002	mg/kg dry	0.121	ND	98.6	70-130			
Ethylbenzene	0.130	0.002	"	0.121	ND	108	70-130			
Naphthalene	0.086	0.005	"	0.121	ND	71.4	70-130			
Toluene	0.143	0.002	"	0.121	ND	119	70-130			
o-Xylene	0.135	0.002	"	0.121	ND	111	70-130			
m,p-Xylene	0.262	0.005	"	0.241	ND	109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.151		90.4	70-130			
Surrogate: Toluene-d8	0.17		"	0.151		110	70-130			
Surrogate: 4-Bromofluorobenzene	0.16		"	0.151		109	70-130			

**Matrix Spike Dup (6B27088-MSD1)**

**Source: DJB0717-01**

Prepared: 02/27/2026 Analyzed: 03/02/2026

1,2,4-Trimethylbenzene	0.122	0.002	mg/kg dry	0.123	ND	99.4	70-130	13.4	20	
1,3,5-Trimethylbenzene	0.121	0.002	"	0.123	ND	98.7	70-130	15.3	20	
Benzene	0.113	0.002	"	0.123	ND	92.2	70-130	5.15	20	
Ethylbenzene	0.113	0.002	"	0.123	ND	92.0	70-130	14.3	20	
Naphthalene	0.101	0.005	"	0.123	ND	82.0	70-130	15.5	20	
Toluene	0.117	0.002	"	0.123	ND	95.1	70-130	20.4	20	QR-02
o-Xylene	0.120	0.002	"	0.123	ND	97.5	70-130	11.7	20	
m,p-Xylene	0.227	0.005	"	0.245	ND	92.3	70-130	14.7	20	
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.153		99.1	70-130			
Surrogate: Toluene-d8	0.14		"	0.153		94.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.17		"	0.153		108	70-130			

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# ORIGINS LABORATORY

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## Notes and Definitions

- U Sample is Non-Detect.
- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- R-05 The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- J Sample result was found between MDL and RL
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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