

# ORIGINS LABORATORY

**Stantec Consulting Services**

**Chris Roy**

**2000 S. Colorado Blvd. Suite 2-300**

**Denver**

**CO**

**80222**

**February 23, 2026**

**Project Name - Peterson CX GH Multiwell Pad**

**Project Number - 203724474 Task 100.046**

Attached are your analytical results for Peterson CX GH Multiwell Pad received by Origins Laboratory January 29, 2026. This project is associated with Origins project number DJA0563-01.

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



Stantec Consulting Services  
2000 S. Colorado Blvd. Suite 2-300  
Denver CO 80222

Chris Roy  
Project Number: 203724474 Task 100.046  
Project: Peterson CX GH Multiwell Pad

### CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
30-40DSEPB01@1	DJA0563-01	Soil	January 29, 2026 9:00	01/29/2026 16:03
30-14DSEPB01@1	DJA0563-02	Soil	January 29, 2026 8:45	01/29/2026 16:03
30-28DSEPB01@1	DJA0563-03	Soil	January 29, 2026 9:20	01/29/2026 16:03
30-41DSEPB01@1	DJA0563-04	Soil	January 29, 2026 9:40	01/29/2026 16:03
30-26DSEPB01@1	DJA0563-05	Soil	January 29, 2026 10:00	01/29/2026 16:03
SEPB01@1	DJA0563-06	Soil	January 29, 2026 10:20	01/29/2026 16:03
30-14DFLB05@4	DJA0563-07	Soil	January 29, 2026 11:30	01/29/2026 16:03
30-40DFLB05@4	DJA0563-08	Soil	January 29, 2026 11:40	01/29/2026 16:03
30-28DFLB05@4	DJA0563-09	Soil	January 29, 2026 11:45	01/29/2026 16:03
30-41DFLB05@4	DJA0563-10	Soil	January 29, 2026 11:55	01/29/2026 16:03
30-26DFLB05@4	DJA0563-11	Soil	January 29, 2026 12:10	01/29/2026 16:03
FLB05@4	DJA0563-12	Soil	January 29, 2026 12:20	01/29/2026 16:03

Origins Laboratory

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

Client: **Stantec**

Project Manager: **Chris Roy**

Key:

Address: **410 17th Street Suite 1400, Denver, CO**

Project Name: **Peterson EX GH MWH Hill Road**

W = Water

Project Number: **203724474 Task 100.046**

GW = Groundwater

Telephone Number:

Collected By: **SOB**

SW = Surface Water

Email Address: **Chris.roy@stantec.com**

Invoice/Billing Info: **A/E 250755, 250750, 250729**

WW = Waste Water

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

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Full Label	Analysis				Comments
1	30-40DSEPR0101	1-29-26	0900	3	S	-	X					
2	30-14 DSEPR0101		0845									
3	30-28 DSEPR0101		0920									
4	30-41DSEPR0101		0940									
5	3026DSEPR0101		1000									
6	SEP0101		1020									
7	30-14DSEPR0101		1100									
8	30-40DSEPR0101		1140									
9	30-28DSEPR0101		1145									
10	30-41DSEPR0101		1155									
Relinquished By: <i>Chris Roy</i>		Date: 1-29-26	Time: 16:03	Received By: <b>NLM</b>	Date: 01129126	Time: 16:03						
Relinquished By: <i>Chris Roy</i>		Date: 1-29-26	Time: 16:03	Received By: <b>NLM</b>	Date: 01129126	Time: 16:03						

Temp Received - 5.9°C

Received On Ice?

Standard  
 Yes  No  
 SAME DAY  24 Hr  48 Hr  72  
 Turnaround Time

Client: **Stantec**

Project Manager: **Chris Roy**

Key:

Address: **410 17th Street Suite 1400, Denver, CO**

Project Name: **Peterson CX GH Multi Well Pad**

W=Water

Telephone Number: \_\_\_\_\_

Project Number: **203724474 Task 100.046**

SW=Surface Water

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

Collected By: **SOR**

WW=Waste Water

Invoice/Billing Info: \_\_\_\_\_

Invoice/Billing Info: **AFE 250752, 250730, 250729**

L=Liquid

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

#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix	Preservative	Analysis	Comments
1	3026BFLB0504	1-29-26	12:10	3	S	-		
2	F L B 0 5 0 4	↑	1220	↑	↑	↑		
3								
4								
5								
6								
7								
8								
9								
10								

Relinquished By: *[Signature]*  
Date: **1-29-26**  
Time: **16:03**

Received By: **NKM**  
Date: **01/29/26**  
Time: **16:03**

Temp Received - **5.9° C**

Received On Ice?  Yes  No

Turnaround Time  
 SAME  24 Hr  
 48 Hr  72  
 Standard

Sample Receipt Checklist

Enthalpy Work Order: D3A05103 Client Stanlec  
 Checklist Completed by: NB / NB Client Project ID Peterson GX GH...  
 Date/Time Completed: 01/30/20 Shipped Via: HD  
 Matrix(es) Received: X Soil/Solid \_\_\_\_\_ Water \_\_\_\_\_  
 Thermometer ID(s): T004 \_\_\_\_\_  
 Temperature as read (°C) 4.8 \_\_\_\_\_  
 Temperature as reported (°C) 5.9 \_\_\_\_\_

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"/>		Sample 10 on smpl 12 jars listed as "12:10"
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? If yes, contact client and note in narrative.			<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 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.)			<input checked="" type="checkbox"/>	
Additional Comments (if any):				

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

Jack H  
 Reviewed by (Project Manager)

2/1/26  
 Date/Time Reviewed



Stantec Consulting Services  
 2000 S. Colorado Blvd. Suite 2-300  
 Denver CO 80222

Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-40DSEP01@1**  
**1/29/2026 9:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-01 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	102 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

Origins Laboratory

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 Denver CO 80222

Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-40DSEP01@1**  
**1/29/2026 9:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-01 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.205	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	102 %			70-130		"	"	"	
Surrogate: Toluene-d8	80.0 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	108 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

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

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-40DSEPB01@1**  
**1/29/2026 9:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-01 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	104 %				70-130	"	"	"	
Surrogate: Anthracene-d10	99.0 %				70-130	"	"	"	
Surrogate: Pyrene-d10	96.6 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	104 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	97.2			mass percent	1	6B02111	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	6.21			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

Origins Laboratory

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**30-40DSEPB01@1**  
**1/29/2026 9:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-01 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.262		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.103		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	2.33		0.199	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	59.9		56.3	"	"	"	"	"	
Cadmium	ND		0.261	"	"	"	"	"	U
Copper	ND		31.6	"	"	"	"	"	U
Lead	ND		9.61	"	"	"	"	"	U
Nickel	ND		17.8	"	"	"	"	"	U
Selenium	ND		0.169	"	"	"	"	"	U
Silver	ND		0.549	"	"	"	"	"	U
Zinc	ND		254	"	"	"	"	"	U

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Chris Roy  
 Project Number: 203724474 Task 100.046  
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**30-14DSEPB01@1**  
**1/29/2026 8:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-02 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.7	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U
Surrogate: o-Terphenyl	103 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-14DSEPB01@1**  
**1/29/2026 8:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>GBTEX+TMBs by 8260D</b>									
Gasoline Range Hydrocarbons	ND		0.204	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	108 %			70-130		"	"	"	
Surrogate: Toluene-d8	123 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	102 %			70-130		"	"	"	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	ND		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
<b>PAH by EPA 8270E extracted via 3580A</b>									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-14DSEPB01@1**  
**1/29/2026 8:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-02 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	104 %				70-130	"	"	"	
Surrogate: Anthracene-d10	97.2 %				70-130	"	"	"	
Surrogate: Pyrene-d10	93.5 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	96.3 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	98.1			mass percent	1	6B02111	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	8.51			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

Origins Laboratory

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 Denver CO 80222

Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-14DSEPB01@1**  
**1/29/2026 8:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-02 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.132		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.101		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	0.231		0.190	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		53.6	"	"	"	"	"	U
Cadmium	ND		0.248	"	"	"	"	"	U
Copper	ND		30.1	"	"	"	"	"	U
Lead	ND		9.15	"	"	"	"	"	U
Nickel	ND		17.0	"	"	"	"	"	U
Selenium	ND		0.161	"	"	"	"	"	U
Silver	ND		0.523	"	"	"	"	"	U
Zinc	ND		242	"	"	"	"	"	U

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Chris Roy  
 Project Number: 203724474 Task 100.046  
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**30-28DSEPB01@1**  
**1/29/2026 9:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-03 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.9	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		104	"	"	"	"	"	U
Surrogate: o-Terphenyl	104 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-28DSEP01@1**  
**1/29/2026 9:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-03 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.203	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	103 %			70-130		"	"	"	
Surrogate: Toluene-d8	60.4 %			70-130		"	"	"	S-GC
Surrogate: 4-Bromofluorobenzene	105 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.665		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.37		0.435	"	"	"	"	"	

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-28DSEPB01@1**  
**1/29/2026 9:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-03 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.020	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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	104 %			70-130		"	"	"	
Surrogate: Anthracene-d10	99.4 %			70-130		"	"	"	
Surrogate: Pyrene-d10	89.8 %			70-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	107 %			70-130		"	"	"	

**Percent Solids**

Total Solids, Percent	97.2			mass percent	1	6B02111	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	6.57			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

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 Project: Peterson CX GH Multiwell Pad

**30-28DSEP01@1**  
**1/29/2026 9:20:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-03 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	3.48		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.472		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	2.49		0.214	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		60.4	"	"	"	"	"	U
Cadmium	0.304		0.280	"	"	"	"	"	
Copper	ND		33.9	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.1	"	"	"	"	"	U
Selenium	0.318		0.181	"	"	"	"	"	
Silver	ND		0.589	"	"	"	"	"	U
Zinc	ND		272	"	"	"	"	"	U

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**30-41DSEPB01@1**  
**1/29/2026 9:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-04 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	71.1		25.8	mg/kg dry	1	6A30094	01/30/2026	02/03/2026	
Residual Range Organics (C28-C36)	179		103	"	"	"	"	"	"
Surrogate: o-Terphenyl	68.2 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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**30-41DSEPB01@1**  
**1/29/2026 9:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-04 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.210	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	108 %			70-130		"	"	"	
Surrogate: Toluene-d8	91.8 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	107 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.506		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.749		0.435	"	"	"	"	"	

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
2-Methylnaphthalene	0.002		0.002	"	"	"	"	"	
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

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**30-41DSEPB01@1**  
**1/29/2026 9:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-04 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	103 %				70-130	"	"	"	
Surrogate: Anthracene-d10	97.7 %				70-130	"	"	"	
Surrogate: Pyrene-d10	88.2 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	108 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	96.7			mass percent	1	6B02111	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	6.85			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

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 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-41DSEPB01@1**  
**1/29/2026 9:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-04 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	1.27		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.219		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	1.91		0.205	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		57.8	"	"	"	"	"	U
Cadmium	ND		0.268	"	"	"	"	"	U
Copper	ND		32.4	"	"	"	"	"	U
Lead	ND		9.87	"	"	"	"	02/09/2026	U
Nickel	ND		18.3	"	"	"	"	02/05/2026	U
Selenium	ND		0.173	"	"	"	"	"	U
Silver	ND		0.564	"	"	"	"	"	U
Zinc	ND		261	"	"	"	"	"	U

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 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-26DSEPB01@1**  
**1/29/2026 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-05 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	53.5		26.1	mg/kg dry	1	6A30094	01/30/2026	02/03/2026	
Residual Range Organics (C28-C36)	141		104	"	"	"	"	"	
Surrogate: o-Terphenyl	67.2 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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**30-26DSEP01@1**  
**1/29/2026 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>GBTEX+TMBs by 8260D</b>									
Gasoline Range Hydrocarbons	ND		0.208	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130		"	"	"	
Surrogate: Toluene-d8	78.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	108 %			70-130		"	"	"	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	ND		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
<b>PAH by EPA 8270E extracted via 3580A</b>									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
2-Methylnaphthalene	0.002		0.002	"	"	"	"	"	
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

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 Project: Peterson CX GH Multiwell Pad

**30-26DSEPB01@1**  
**1/29/2026 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>PAH by EPA 8270E extracted via 3580A</b>									
Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	102 %			70-130		"	"	"	
Surrogate: Anthracene-d10	98.6 %			70-130		"	"	"	
Surrogate: Pyrene-d10	90.1 %			70-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	107 %			70-130		"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	96.7			mass percent	1	6B02111	02/02/2026	02/02/2026	
<b>pH in Soil by 9045D</b>									
pH	6.31			pH Units	1	6B02059	02/02/2026	02/03/2026	
<b>SAR by 20B Saturated Paste</b>									

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**30-26DSEPB01@1**  
**1/29/2026 10:00:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-05 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.535		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.0928		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	3.10		0.198	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		56.0	"	"	"	"	"	U
Cadmium	ND		0.259	"	"	"	"	"	U
Copper	ND		31.4	"	"	"	"	"	U
Lead	ND		9.56	"	"	"	"	"	U
Nickel	ND		17.8	"	"	"	"	"	U
Selenium	ND		0.168	"	"	"	"	"	U
Silver	ND		0.546	"	"	"	"	"	U
Zinc	ND		253	"	"	"	"	"	U

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 Project: Peterson CX GH Multiwell Pad

SEP01@1  
 1/29/2026 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-06 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		26.0	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		104	"	"	"	"	"	U
Surrogate: o-Terphenyl	99.2 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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 Denver CO 80222

Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

SEP01@1

1/29/2026 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-06 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.206	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	110 %			70-130		"	"	"	
Surrogate: Toluene-d8	80.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

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

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

SEP01@1

1/29/2026 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-06 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	101 %			70-130		"	"	"	
Surrogate: Anthracene-d10	99.0 %			70-130		"	"	"	
Surrogate: Pyrene-d10	94.4 %			70-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	105 %			70-130		"	"	"	

**Percent Solids**

Total Solids, Percent	96.2			mass percent	1	6B02120	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	6.04			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

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 Project: Peterson CX GH Multiwell Pad

SEP01@1  
 1/29/2026 10:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-06 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.597		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.152		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	2.02		0.214	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		60.5	"	"	"	"	"	U
Cadmium	ND		0.280	"	"	"	"	"	U
Copper	ND		33.9	"	"	"	"	"	U
Lead	ND		10.3	"	"	"	"	"	U
Nickel	ND		19.2	"	"	"	"	"	U
Selenium	ND		0.181	"	"	"	"	"	U
Silver	ND		0.590	"	"	"	"	"	U
Zinc	ND		273	"	"	"	"	"	U

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 Project: Peterson CX GH Multiwell Pad

**30-14DFLB05@4**  
**1/29/2026 11:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-07 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.17	0.31	mg/Kg dry	1	395125	02/11/2026	02/12/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		26.2	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		105	"	"	"	"	"	U
Surrogate: o-Terphenyl	106 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-14DFLB05@4**  
**1/29/2026 11:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-07 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>GBTEX+TMBs by 8260D</b>									
Gasoline Range Hydrocarbons	ND		0.210	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	107 %			70-130		"	"	"	
Surrogate: Toluene-d8	81.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	106 %			70-130		"	"	"	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	0.936		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.860		0.435	"	"	"	"	"	
<b>PAH by EPA 8270E extracted via 3580A</b>									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-14DFLB05@4**  
**1/29/2026 11:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-07 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U

Surrogate: Fluorene-d10	103 %			70-130		"	"	"	
Surrogate: Anthracene-d10	99.1 %			70-130		"	"	"	
Surrogate: Pyrene-d10	94.8 %			70-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			70-130		"	"	"	

**Percent Solids**

Total Solids, Percent	95.3			mass percent	1	6B02120	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	8.32			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

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 Project: Peterson CX GH Multiwell Pad

**30-14DFLB05@4**  
**1/29/2026 11:30:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-07 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	1.09		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.297		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	0.796		0.212	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		59.8	"	"	"	"	"	U
Cadmium	0.284		0.277	"	"	"	"	"	
Copper	ND		33.5	"	"	"	"	"	U
Lead	ND		10.2	"	"	"	"	"	U
Nickel	ND		19.0	"	"	"	"	"	U
Selenium	ND		0.179	"	"	"	"	"	U
Silver	ND		0.583	"	"	"	"	"	U
Zinc	ND		270	"	"	"	"	"	U

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 Project: Peterson CX GH Multiwell Pad

**30-40DFLB05@4**  
**1/29/2026 11:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-08 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	395125	02/11/2026	02/13/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.107	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		27.0	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		108	"	"	"	"	"	U
Surrogate: o-Terphenyl	98.0 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-40DFLB05@4**  
**1/29/2026 11:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-08 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.212	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	106 %			70-130		"	"	"	
Surrogate: Toluene-d8	91.6 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	106 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.624		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	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

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-40DFLB05@4**  
**1/29/2026 11:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-08 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>PAH by EPA 8270E extracted via 3580A</b>									
Chrysene	ND		0.021	mg/kg dry	1	6B02097	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	103 %				70-130	"	"	"	
Surrogate: Anthracene-d10	100 %				70-130	"	"	"	
Surrogate: Pyrene-d10	92.4 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %				70-130	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	93.0			mass percent	1	6B02120	02/02/2026	02/02/2026	
<b>pH in Soil by 9045D</b>									
pH	8.45			pH Units	1	6B02059	02/02/2026	02/03/2026	
<b>SAR by 20B Saturated Paste</b>									

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 Project: Peterson CX GH Multiwell Pad

**30-40DFLB05@4**  
**1/29/2026 11:40:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-08 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.457		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.147		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	0.566		0.219	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		61.8	"	"	"	"	"	U
Cadmium	ND		0.286	"	"	"	"	"	U
Copper	ND		34.6	"	"	"	"	"	U
Lead	ND		10.5	"	"	"	"	"	U
Nickel	ND		19.6	"	"	"	"	"	U
Selenium	ND		0.185	"	"	"	"	"	U
Silver	ND		0.602	"	"	"	"	"	U
Zinc	ND		279	"	"	"	"	"	U

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Chris Roy  
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 Project: Peterson CX GH Multiwell Pad

**30-28DFLB05@4**  
**1/29/2026 11:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-09 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	395125	02/11/2026	02/13/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		26.1	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		104	"	"	"	"	"	U
Surrogate: o-Terphenyl	97.5 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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 Project: Peterson CX GH Multiwell Pad

**30-28DFLB05@4**  
**1/29/2026 11:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-09 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.210	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	110 %			70-130		"	"	"	
Surrogate: Toluene-d8	80.9 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	100 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	0.542		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	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

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 Denver CO 80222

Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-28DFLB05@4**  
**1/29/2026 11:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-09 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>PAH by EPA 8270E extracted via 3580A</b>									
Chrysene	ND		0.021	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	97.3 %				70-130	"	"	"	
Surrogate: Anthracene-d10	105 %				70-130	"	"	"	
Surrogate: Pyrene-d10	91.7 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	110 %				70-130	"	"	"	
<b>Percent Solids</b>									
Total Solids, Percent	96.2			mass percent	1	6B02120	02/02/2026	02/02/2026	
<b>pH in Soil by 9045D</b>									
pH	7.84			pH Units	1	6B02059	02/02/2026	02/03/2026	
<b>SAR by 20B Saturated Paste</b>									

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Chris Roy  
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 Project: Peterson CX GH Multiwell Pad

**30-28DFLB05@4**  
**1/29/2026 11:45:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-09 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.345		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.129		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	1.10		0.203	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		57.2	"	"	"	"	"	U
Cadmium	ND		0.265	"	"	"	"	"	U
Copper	ND		32.1	"	"	"	"	"	U
Lead	ND		9.77	"	"	"	"	"	U
Nickel	ND		18.1	"	"	"	"	"	U
Selenium	ND		0.172	"	"	"	"	"	U
Silver	ND		0.558	"	"	"	"	"	U
Zinc	ND		258	"	"	"	"	"	U

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 Project: Peterson CX GH Multiwell Pad

**30-41DFLB05@4**  
**1/29/2026 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-10 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/13/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02029	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.4	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		102	"	"	"	"	"	U
Surrogate: o-Terphenyl	111 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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30-41DFLB05@4  
 1/29/2026 11:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-10 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>GBTEX+TMBs by 8260D</b>									
Gasoline Range Hydrocarbons	ND		0.203	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	85.4 %			70-130		"	"	"	
Surrogate: Toluene-d8	80.3 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	101 %			70-130		"	"	"	
<b>Metals by Saturated Paste by EPA 6010</b>									
Calcium	ND		0.499	meq/L	10	[CALC]	02/02/2026	02/03/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	
<b>PAH by EPA 8270E extracted via 3580A</b>									
1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	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

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 Project: Peterson CX GH Multiwell Pad

**30-41DFLB05@4**  
**1/29/2026 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-10 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.020	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	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	106 %				70-130	"	"	"	
Surrogate: Anthracene-d10	104 %				70-130	"	"	"	
Surrogate: Pyrene-d10	92.4 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	110 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	97.6			mass percent	1	6B02120	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	7.67			pH Units	1	6B02059	02/02/2026	02/03/2026	
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**SAR by 20B Saturated Paste**

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**30-41DFLB05@4**  
**1/29/2026 11:55:00AM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-10 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.255		0.0100	SAR	1	6B02044	02/02/2026	02/03/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.0851		0.00500	mmhos/cm	1	6B02059	"	02/03/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	1.11		0.209	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		58.9	"	"	"	"	"	U
Cadmium	ND		0.273	"	"	"	"	"	U
Copper	ND		33.1	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	02/09/2026	U
Nickel	ND		18.7	"	"	"	"	02/05/2026	U
Selenium	ND		0.177	"	"	"	"	"	U
Silver	ND		0.575	"	"	"	"	"	U
Zinc	ND		266	"	"	"	"	"	U

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**30-26DFLB05@4**  
**1/29/2026 12:10:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-11 (Soil)</b>									
<b>Enthalpy Orange</b>									
<b>Total Metals by 7199</b>									
Hexavalent Chromium	ND	0.16	0.30	mg/Kg dry	1	395125	02/11/2026	02/13/2026	ND
<b>Origins Laboratory</b>									
<b>Boron (DTPA Sorbitol)</b>									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B02030	02/02/2026	02/04/2026	U
<b>DRO/ORO by EPA 8015D</b>									
Diesel (C10-C28)	ND		25.6	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		103	"	"	"	"	"	U
Surrogate: o-Terphenyl	96.0 %			50-150		"	"	"	
<b>GBTEX+TMBs by 8260D</b>									
1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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 Project: Peterson CX GH Multiwell Pad

**30-26DFLB05@4**  
**1/29/2026 12:10:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-11 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.207	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	113 %			70-130		"	"	"	
Surrogate: Toluene-d8	87.4 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	105 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	ND		0.499	meq/L	10	[CALC]	02/02/2026	02/04/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	ND		0.435	"	"	"	"	"	

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	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

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**30-26DFLB05@4**  
**1/29/2026 12:10:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-11 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.020	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	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	109 %				70-130	"	"	"	
Surrogate: Anthracene-d10	96.0 %				70-130	"	"	"	
Surrogate: Pyrene-d10	103 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	107 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	97.8			mass percent	1	6B02120	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	7.60			pH Units	1	6B02060	02/02/2026	02/04/2026	
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**SAR by 20B Saturated Paste**

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 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**30-26DFLB05@4**  
**1/29/2026 12:10:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-11 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.374		0.0100	SAR	1	6B02045	02/02/2026	02/04/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.0961		0.00500	mmhos/cm	1	6B02060	"	02/04/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	2.06		0.208	mg/kg dry	10	6B03072	02/03/2026	02/05/2026	
Barium	ND		58.6	"	"	"	"	"	U
Cadmium	ND		0.271	"	"	"	"	"	U
Copper	ND		32.9	"	"	"	"	"	U
Lead	ND		10.0	"	"	"	"	"	U
Nickel	ND		18.6	"	"	"	"	"	U
Selenium	0.193		0.176	"	"	"	"	"	
Silver	ND		0.572	"	"	"	"	"	U
Zinc	ND		264	"	"	"	"	"	U

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 Project: Peterson CX GH Multiwell Pad

**FLB05@4**

**1/29/2026 12:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-12 (Soil)  
 Enthalpy Orange**

**Total Metals by 7199**

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	395125	02/11/2026	02/13/2026	ND
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**Origins Laboratory**

**Boron (DTPA Sorbitol)**

(DTPA Sorbitol) Boron	ND		0.111	mg/L dry	1	6B02030	02/02/2026	02/04/2026	U
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		27.5	mg/kg dry	1	6A30094	01/30/2026	02/02/2026	U
Residual Range Organics (C28-C36)	ND		110	"	"	"	"	"	U

Surrogate: o-Terphenyl	103 %				50-150	"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	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

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 Project: Peterson CX GH Multiwell Pad

**FLB05@4**

**1/29/2026 12:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-12 (Soil)**  
**Origins Laboratory**

**GBTEX+TMBs by 8260D**

Gasoline Range Hydrocarbons	ND		0.224	mg/kg dry	1	6A31018	01/31/2026	02/01/2026	U
Surrogate: 1,2-Dichloroethane-d4	115 %			70-130		"	"	"	
Surrogate: Toluene-d8	88.0 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %			70-130		"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.61		0.499	meq/L	10	[CALC]	02/02/2026	02/04/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.957		0.435	"	"	"	"	"	

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

1-Methylnaphthalene	ND		0.002	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	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

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**FLB05@4**

**1/29/2026 12:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**DJA0563-12 (Soil)**  
**Origins Laboratory**

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

Chrysene	ND		0.022	mg/kg dry	1	6B02098	02/02/2026	02/05/2026	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	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	102 %				70-130	"	"	"	
Surrogate: Anthracene-d10	101 %				70-130	"	"	"	
Surrogate: Pyrene-d10	116 %				70-130	"	"	"	
Surrogate: Benzo (a) pyrene-d12	108 %				70-130	"	"	"	

**Percent Solids**

Total Solids, Percent	90.6			mass percent	1	6B02120	02/02/2026	02/02/2026	
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**pH in Soil by 9045D**

pH	8.14			pH Units	1	6B02060	02/02/2026	02/04/2026	
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**SAR by 20B Saturated Paste**

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Chris Roy  
 Project Number: 203724474 Task 100.046  
 Project: Peterson CX GH Multiwell Pad

**FLB05@4**

**1/29/2026 12:20:00PM**

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
<b>DJA0563-12 (Soil)</b>									
<b>Origins Laboratory</b>									
<b>SAR by 20B Saturated Paste</b>									
SAR	0.911		0.0100	SAR	1	6B02045	02/02/2026	02/04/2026	
<b>Specific Conductance Mod. 9050A</b>									
Specific Conductance (EC)	0.368		0.00500	mmhos/cm	1	6B02060	"	02/04/2026	
<b>Table 915 metals by EPA 6020B</b>									
Arsenic	0.665		0.216	mg/kg dry	10	6B03078	02/03/2026	02/05/2026	
Barium	ND		61.1	"	"	"	"	"	U
Cadmium	ND		0.283	"	"	"	"	"	U
Copper	ND		34.3	"	"	"	"	"	U
Lead	ND		10.4	"	"	"	"	"	U
Nickel	ND		19.4	"	"	"	"	"	U
Selenium	ND		0.183	"	"	"	"	"	U
Silver	ND		0.596	"	"	"	"	"	U
Zinc	ND		275	"	"	"	"	"	U

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 Project: Peterson CX GH Multiwell Pad

**\*\*\* DEFAULT GENERAL METHOD \*\*\* - 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 6B02111 - % Solids**

**Duplicate (6B02111-DUP1)**

Source: **DJA0562-21**

Prepared: 02/02/2026 Analyzed: 02/02/2026

Total Solids, Percent	97.4		mass percent		97.2			0.175	20	
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**Batch 6B02120 - % Solids**

**Duplicate (6B02120-DUP1)**

Source: **DJA0563-06**

Prepared: 02/02/2026 Analyzed: 02/02/2026

Total Solids, Percent	96.3		mass percent		96.2			0.0603	20	
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**Duplicate (6B02120-DUP2)**

Source: **DJA0563-07**

Prepared: 02/02/2026 Analyzed: 02/02/2026

Total Solids, Percent	95.5		mass percent		95.3			0.281	20	
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 Project: Peterson CX GH Multiwell Pad

**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 6B02029 - DTPA Sorbitol Preparation**

**Blank (6B02029-BLK1)**

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

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

**Duplicate (6B02029-DUP1)**

Source: **DJA0562-09**

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

(DTPA Sorbitol) Boron 0.0624 0.102 mg/L dry 0.0615 1.42 50 U

**Batch 6B02030 - DTPA Sorbitol Preparation**

**Blank (6B02030-BLK1)**

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

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

**Duplicate (6B02030-DUP1)**

Source: **DJA0563-11**

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

(DTPA Sorbitol) Boron ND 0.102 mg/L dry ND 50 U

**Batch 6B02044 - Saturated Paste Metals**

**Blank (6B02044-BLK1)**

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

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 (6B02044-DUP1)**

Source: **DJA0562-09**

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

SAR ND 0.0100 SAR 0.0947 200 U

Calcium PPM 14.8 10.0 mg/L 16.8 13.1 50

Magnesium PPM 2.33 10.0 " 2.92 22.5 50 U

Sodium PPM 1.75 10.0 " 1.60 8.96 50 U

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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 6B02045 - Saturated Paste Metals**

**Blank (6B02045-BLK1)**

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

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 (6B02045-DUP1)**

**Source: DJA0563-11**

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

SAR	ND	0.0100	SAR	0.374				200		U
Calcium PPM	8.94	10.0	mg/L	7.86				12.9	50	U
Magnesium PPM	1.69	10.0	"	1.31				25.3	50	U
Sodium PPM	4.85	10.0	"	4.30				12.0	50	U

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 Project: Peterson CX GH Multiwell Pad

**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 6B02097 - EPA 3580**

**Blank (6B02097-BLK1)**

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

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	210		ug/kg	200	104	70-130				
Surrogate: Anthracene-d10	200		"	200	101	70-130				
Surrogate: Pyrene-d10	180		"	200	91.2	70-130				
Surrogate: Benzo (a) pyrene-d12	210		"	200	106	70-130				

**LCS (6B02097-BS1)**

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

1-Methylnaphthalene	0.191	0.002	mg/kg wet	0.197	96.8	70-130				
2-Methylnaphthalene	0.191	0.002	"	0.197	96.6	70-130				
Acenaphthene	0.182	0.020	"	0.197	92.0	70-130				
Anthracene	0.175	0.020	"	0.197	88.8	70-130				
Benzo (a) anthracene	0.180	0.005	"	0.197	91.3	70-130				
Benzo (a) pyrene	0.179	0.020	"	0.197	90.7	70-130				

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 Project: Peterson CX GH Multiwell Pad

**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 6B02097 - EPA 3580**

**LCS (6B02097-BS1)**

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

Benzo (b) fluoranthene	0.183	0.020	mg/kg wet	0.197		92.9	70-130			
Benzo (g,h,i) perylene	0.189	0.020	"	0.197		96.0	70-130			
Benzo (k) fluoranthene	0.186	0.020	"	0.197		94.1	70-130			
Chrysene	0.163	0.020	"	0.197		82.6	70-130			
Dibenz (a,h) anthracene	0.197	0.020	"	0.197		99.9	70-130			
Fluoranthene	0.188	0.020	"	0.197		95.1	70-130			
Fluorene	0.190	0.020	"	0.197		96.4	70-130			
Indeno (1,2,3-cd) pyrene	0.188	0.020	"	0.197		95.1	70-130			
Naphthalene	0.189	0.002	"	0.197		95.6	70-130			
Phenanthrene	0.182	0.020	"	0.197		92.5	70-130			
Pyrene	0.170	0.020	"	0.197		86.1	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		105	70-130			
Surrogate: Anthracene-d10	200		"	200		101	70-130			
Surrogate: Pyrene-d10	180		"	200		90.8	70-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		106	70-130			

**Matrix Spike (6B02097-MS1)**

Source: DJA0556-01

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

1-Methylnaphthalene	0.214	0.002	mg/kg dry	0.211	ND	102	70-130			
2-Methylnaphthalene	0.215	0.002	"	0.211	ND	102	70-130			
Acenaphthene	0.211	0.021	"	0.211	0.002	99.3	70-130			
Anthracene	0.201	0.021	"	0.211	0.003	93.9	70-130			
Benzo (a) anthracene	0.203	0.005	"	0.211	0.006	93.5	70-130			
Benzo (a) pyrene	0.224	0.021	"	0.211	0.009	102	70-130			
Benzo (b) fluoranthene	0.228	0.021	"	0.211	0.011	103	70-130			
Benzo (g,h,i) perylene	0.225	0.021	"	0.211	0.015	99.4	70-130			
Benzo (k) fluoranthene	0.230	0.021	"	0.211	0.010	104	70-130			
Chrysene	0.194	0.021	"	0.211	0.006	88.9	70-130			

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 Project: Peterson CX GH Multiwell Pad

**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 6B02097 - EPA 3580**

**Matrix Spike (6B02097-MS1)**

**Source: DJA0556-01**

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

Dibenz (a,h) anthracene	0.231	0.021	mg/kg dry	0.211	0.018	101	70-130			
Fluoranthene	0.216	0.021	"	0.211	0.008	98.7	70-130			
Fluorene	0.215	0.021	"	0.211	0.001	101	70-130			
Indeno (1,2,3-cd) pyrene	0.221	0.021	"	0.211	0.016	96.7	70-130			
Naphthalene	0.214	0.002	"	0.211	ND	102	70-130			
Phenanthrene	0.204	0.021	"	0.211	0.005	94.2	70-130			
Pyrene	0.195	0.021	"	0.211	0.005	89.6	70-130			
Surrogate: Fluorene-d10	210		ug/kg	200		105	70-130			
Surrogate: Anthracene-d10	200		"	200		99.8	70-130			
Surrogate: Pyrene-d10	180		"	200		91.3	70-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	70-130			

**Matrix Spike Dup (6B02097-MSD1)**

**Source: DJA0556-01**

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

1-Methylnaphthalene	0.222	0.002	mg/kg dry	0.216	ND	103	70-130	3.38	35	
2-Methylnaphthalene	0.219	0.002	"	0.216	ND	102	70-130	1.96	35	
Acenaphthene	0.218	0.022	"	0.216	0.002	100	70-130	3.06	35	
Anthracene	0.212	0.022	"	0.216	0.003	97.0	70-130	5.26	35	
Benzo (a) anthracene	0.212	0.005	"	0.216	0.006	95.5	70-130	4.13	35	
Benzo (a) pyrene	0.227	0.022	"	0.216	0.009	101	70-130	1.36	35	
Benzo (b) fluoranthene	0.229	0.022	"	0.216	0.011	101	70-130	0.217	35	
Benzo (g,h,i) perylene	0.234	0.022	"	0.216	0.015	102	70-130	3.93	35	
Benzo (k) fluoranthene	0.225	0.022	"	0.216	0.010	99.7	70-130	2.21	35	
Chrysene	0.203	0.022	"	0.216	0.006	91.3	70-130	4.56	35	
Dibenz (a,h) anthracene	0.239	0.022	"	0.216	0.018	102	70-130	3.54	35	
Fluoranthene	0.224	0.022	"	0.216	0.008	101	70-130	3.88	35	
Fluorene	0.222	0.022	"	0.216	0.001	102	70-130	3.21	35	
Indeno (1,2,3-cd) pyrene	0.228	0.022	"	0.216	0.016	98.3	70-130	3.44	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 6B02097 - EPA 3580**

**Matrix Spike Dup (6B02097-MSD1)**

Source: DJA0556-01

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

Naphthalene	0.220	0.002	mg/kg dry	0.216	ND	102	70-130	2.63	35	
Phenanthrene	0.214	0.022	"	0.216	0.005	96.9	70-130	4.78	35	
Pyrene	0.203	0.022	"	0.216	0.005	91.6	70-130	4.24	35	
Surrogate: Fluorene-d10	210		ug/kg	200		105	70-130			
Surrogate: Anthracene-d10	200		"	200		101	70-130			
Surrogate: Pyrene-d10	190		"	200		92.6	70-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		104	70-130			

**Batch 6B02098 - EPA 3580**

**Blank (6B02098-BLK1)**

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

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	220		ug/kg	200		109	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 6B02098 - EPA 3580**

**Blank (6B02098-BLK1)**

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

Surrogate: Anthracene-d10	210		ug/kg	200		105	70-130			
Surrogate: Pyrene-d10	200		"	200		102	70-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		103	70-130			

**LCS (6B02098-BS1)**

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

1-Methylnaphthalene	0.183	0.002	mg/kg wet	0.198		92.2	70-130			
2-Methylnaphthalene	0.191	0.002	"	0.198		96.6	70-130			
Acenaphthene	0.216	0.020	"	0.198		109	70-130			
Anthracene	0.220	0.020	"	0.198		111	70-130			
Benzo (a) anthracene	0.196	0.005	"	0.198		99.0	70-130			
Benzo (a) pyrene	0.197	0.020	"	0.198		99.5	70-130			
Benzo (b) fluoranthene	0.195	0.020	"	0.198		98.4	70-130			
Benzo (g,h,i) perylene	0.193	0.020	"	0.198		97.1	70-130			
Benzo (k) fluoranthene	0.194	0.020	"	0.198		98.0	70-130			
Chrysene	0.214	0.020	"	0.198		108	70-130			
Dibenz (a,h) anthracene	0.205	0.020	"	0.198		104	70-130			
Fluoranthene	0.207	0.020	"	0.198		104	70-130			
Fluorene	0.195	0.020	"	0.198		98.4	70-130			
Indeno (1,2,3-cd) pyrene	0.203	0.020	"	0.198		103	70-130			
Naphthalene	0.208	0.002	"	0.198		105	70-130			
Phenanthrene	0.200	0.020	"	0.198		101	70-130			
Pyrene	0.204	0.020	"	0.198		103	70-130			

Surrogate: Fluorene-d10	200		ug/kg	200		100	70-130			
Surrogate: Anthracene-d10	210		"	200		105	70-130			
Surrogate: Pyrene-d10	190		"	200		94.2	70-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		108	70-130			

**Matrix Spike (6B02098-MS1)**

Source: DJA0562-01

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

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 Project: Peterson CX GH Multiwell Pad

**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 6B02098 - EPA 3580**

1-Methylnaphthalene	0.167	0.002	mg/kg dry	0.205	ND	81.5	70-130			
2-Methylnaphthalene	0.172	0.002	"	0.205	ND	83.8	70-130			
Acenaphthene	0.204	0.021	"	0.205	0.006	96.7	70-130			
Anthracene	0.217	0.021	"	0.205	ND	106	70-130			
Benzo (a) anthracene	0.224	0.005	"	0.205	0.003	108	70-130			
Benzo (a) pyrene	0.209	0.021	"	0.205	0.004	100	70-130			
Benzo (b) fluoranthene	0.208	0.021	"	0.205	0.004	99.1	70-130			
Benzo (g,h,i) perylene	0.193	0.021	"	0.205	0.008	90.5	70-130			
Benzo (k) fluoranthene	0.206	0.021	"	0.205	0.004	98.8	70-130			
Chrysene	0.222	0.021	"	0.205	0.002	107	70-130			
Dibenz (a,h) anthracene	0.222	0.021	"	0.205	0.010	103	70-130			
Fluoranthene	0.216	0.021	"	0.205	0.0006	105	70-130			
Fluorene	0.219	0.021	"	0.205	ND	107	70-130			
Indeno (1,2,3-cd) pyrene	0.212	0.021	"	0.205	0.009	98.9	70-130			
Naphthalene	0.206	0.002	"	0.205	ND	100	70-130			
Phenanthrene	0.218	0.021	"	0.205	0.002	105	70-130			
Pyrene	0.203	0.021	"	0.205	ND	98.8	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		99.8	70-130			
Surrogate: Anthracene-d10	210		"	200		103	70-130			
Surrogate: Pyrene-d10	190		"	200		93.0	70-130			
Surrogate: Benzo (a) pyrene-d12	210		"	200		105	70-130			

**Matrix Spike Dup (6B02098-MSD1)**

**Source: DJA0562-01**

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

1-Methylnaphthalene	0.176	0.002	mg/kg dry	0.205	ND	85.8	70-130	4.90	35	
2-Methylnaphthalene	0.188	0.002	"	0.205	ND	91.7	70-130	8.87	35	
Acenaphthene	0.197	0.020	"	0.205	0.006	93.3	70-130	3.60	35	
Anthracene	0.211	0.020	"	0.205	ND	103	70-130	3.05	35	
Benzo (a) anthracene	0.216	0.005	"	0.205	0.003	104	70-130	3.61	35	

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 Project: Peterson CX GH Multiwell Pad

**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 6B02098 - EPA 3580

Matrix Spike Dup (6B02098-MSD1)

Source: DJA0562-01

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

Benzo (a) pyrene	0.220	0.020	mg/kg dry	0.205	0.004	106	70-130	4.95	35	
Benzo (b) fluoranthene	0.216	0.020	"	0.205	0.004	103	70-130	3.87	35	
Benzo (g,h,i) perylene	0.232	0.020	"	0.205	0.008	109	70-130	18.0	35	
Benzo (k) fluoranthene	0.224	0.020	"	0.205	0.004	108	70-130	8.10	35	
Chrysene	0.217	0.020	"	0.205	0.002	105	70-130	2.04	35	
Dibenz (a,h) anthracene	0.233	0.020	"	0.205	0.010	109	70-130	4.90	35	
Fluoranthene	0.217	0.020	"	0.205	0.0006	106	70-130	0.534	35	
Fluorene	0.199	0.020	"	0.205	ND	97.2	70-130	9.29	35	
Indeno (1,2,3-cd) pyrene	0.228	0.020	"	0.205	0.009	107	70-130	7.58	35	
Naphthalene	0.214	0.002	"	0.205	ND	104	70-130	3.57	35	
Phenanthrene	0.199	0.020	"	0.205	0.002	95.9	70-130	9.13	35	
Pyrene	0.207	0.020	"	0.205	ND	101	70-130	2.28	35	
Surrogate: Fluorene-d10	200		ug/kg	200		98.9	70-130			
Surrogate: Anthracene-d10	190		"	200		97.5	70-130			
Surrogate: Pyrene-d10	190		"	200		95.4	70-130			
Surrogate: Benzo (a) pyrene-d12	220		"	200		110	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 6A30094 - EPA 3550B**

Prepared: 01/30/2026 Analyzed: 02/02/2026

**Blank (6A30094-BLK1)**

Diesel (C10-C28)	ND	25.0	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	99.9	"							U
Surrogate: o-Terphenyl	24		"	24.9		96.1	50-150			

**LCS (6A30094-BS1)**

Prepared: 01/30/2026 Analyzed: 02/02/2026

Diesel (C10-C28)	951	49.5	mg/kg wet	990		96.0	70-130			
Residual Range Organics (C28-C36)	822	198	"	990		83.0	70-130			
Surrogate: o-Terphenyl	52		"	49.3		106	50-150			

**Matrix Spike (6A30094-MS1)**

**Source: DJA0562-23**

Prepared: 01/30/2026 Analyzed: 02/02/2026

Diesel (C10-C28)	1110	52.0	mg/kg dry	1040	ND	106	70-130			
Residual Range Organics (C28-C36)	984	208	"	1040	ND	94.6	70-130			
Surrogate: o-Terphenyl	58		"	51.8		112	50-150			

**Matrix Spike Dup (6A30094-MSD1)**

**Source: DJA0562-23**

Prepared: 01/30/2026 Analyzed: 02/02/2026

Diesel (C10-C28)	1100	51.5	mg/kg dry	1030	ND	107	70-130	0.463	35	
Residual Range Organics (C28-C36)	976	206	"	1030	ND	94.8	70-130	0.769	35	
Surrogate: o-Terphenyl	56		"	51.2		110	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 6B03072 - EPA 3050B**

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

**Blank (6B03072-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 (6B03072-BS1)**

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

Arsenic	5.31	0.218	mg/kg wet	5.00		106	80-120			
Barium	523	61.5	"	500		105	80-120			
Cadmium	5.00	0.285	"	5.00		100	80-120			
Copper	52.0	34.5	"	50.0		104	80-120			
Lead	4.92	10.5	"	5.00		98.3	80-120			U
Nickel	4.97	19.5	"	5.00		99.3	80-120			U
Selenium	4.80	0.184	"	5.00		96.1	80-120			
Silver	4.83	0.600	"	5.00		96.6	80-120			
Zinc	53.2	278	"	50.0		106	80-120			U

**Matrix Spike (6B03072-MS1)**

Source: DJA0562-13

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

Arsenic	7.25	0.207	mg/kg dry	4.75	2.13	108	75-125			
Barium	572	58.4	"	475	110	97.4	75-125			
Cadmium	4.64	0.270	"	4.75	0.0454	96.9	75-125			
Copper	51.4	32.7	"	47.5	1.47	105	75-125			
Lead	7.91	9.97	"	4.75	3.55	91.8	75-125			U

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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 6B03072 - EPA 3050B**

**Matrix Spike (6B03072-MS1)**

Source: DJA0562-13

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

Nickel	7.27	18.5	mg/kg dry	4.75	2.32	104	75-125			U
Selenium	4.53	0.175	"	4.75	0.0482	94.4	75-125			
Silver	4.47	0.569	"	4.75	ND	94.1	75-125			
Zinc	62.3	263	"	47.5	12.2	106	75-125			U

**Matrix Spike Dup (6B03072-MSD1)**

Source: DJA0562-13

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

Arsenic	6.77	0.206	mg/kg dry	4.74	2.13	98.1	75-125	6.84	20	
Barium	595	58.2	"	474	110	103	75-125	4.01	20	
Cadmium	4.60	0.270	"	4.74	0.0454	96.2	75-125	0.921	20	
Copper	51.5	32.7	"	47.4	1.47	106	75-125	0.322	20	
Lead	7.71	9.95	"	4.74	3.55	87.7	75-125	2.57	20	U
Nickel	7.43	18.5	"	4.74	2.32	108	75-125	2.13	20	U
Selenium	4.30	0.175	"	4.74	0.0482	89.8	75-125	5.16	20	
Silver	4.65	0.568	"	4.74	ND	98.2	75-125	4.06	20	
Zinc	62.4	263	"	47.4	12.2	106	75-125	0.152	20	U

**Batch 6B03078 - EPA 3050B**

**Blank (6B03078-BLK1)**

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

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
Zinc	ND	278	"							U

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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 6B03078 - EPA 3050B**

**LCS (6B03078-BS1)**

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

Arsenic	5.33	0.218	mg/kg wet	5.00		107	80-120			
Barium	528	61.5	"	500		106	80-120			
Cadmium	5.50	0.285	"	5.00		110	80-120			
Copper	55.2	34.5	"	50.0		110	80-120			
Lead	5.36	10.5	"	5.00		107	80-120			U
Nickel	5.40	19.5	"	5.00		108	80-120			U
Zinc	53.4	278	"	50.0		107	80-120			U

**Matrix Spike (6B03078-MS1)**

**Source: DJA0563-12**

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

Arsenic	5.93	0.223	mg/kg dry	5.11	0.665	103	75-125			
Barium	548	62.9	"	511	18.6	104	75-125			
Cadmium	5.40	0.291	"	5.11	0.0397	105	75-125			
Copper	57.9	35.3	"	51.1	1.75	110	75-125			
Lead	7.96	10.7	"	5.11	2.50	107	75-125			U
Nickel	8.26	19.9	"	5.11	1.81	126	75-125			QM-07, U
Zinc	68.2	284	"	51.1	12.6	109	75-125			U

**Matrix Spike Dup (6B03078-MSD1)**

**Source: DJA0563-12**

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

Arsenic	7.15	0.234	mg/kg dry	5.36	0.665	121	75-125	18.7	20	
Barium	574	65.9	"	536	18.6	104	75-125	4.61	20	
Cadmium	5.79	0.305	"	5.36	0.0397	107	75-125	6.98	20	
Copper	62.0	37.0	"	53.6	1.75	112	75-125	6.84	20	
Lead	8.47	11.2	"	5.36	2.50	111	75-125	6.24	20	U
Nickel	8.33	20.9	"	5.36	1.81	122	75-125	0.890	20	U
Zinc	68.4	297	"	53.6	12.6	104	75-125	0.342	20	U

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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 6B02059 - Saturated Paste pH/EC**

**Blank (6B02059-BLK1)**

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

Specific Conductance (EC) ND 0.00500 mmhos/cm U

**Duplicate (6B02059-DUP1)**

**Source: DJA0562-09**

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

Specific Conductance (EC) 0.142 0.00500 mmhos/cm 0.150 5.56 25  
 pH 8.32 pH Units 8.35 0.360 25

**Batch 6B02060 - Saturated Paste pH/EC**

**Blank (6B02060-BLK1)**

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

Specific Conductance (EC) ND 0.00500 mmhos/cm U

**Duplicate (6B02060-DUP1)**

**Source: DJA0563-11**

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

pH 7.68 pH Units 7.60 1.05 25  
 Specific Conductance (EC) 0.108 0.00500 mmhos/cm 0.0961 11.5 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 6A31018 - EPA 5030 (soil)**

Prepared: 01/31/2026 Analyzed: 02/01/2026

**Blank (6A31018-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	104		70-130			
Surrogate: Toluene-d8	0.11		"	0.125	89.6		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	102		70-130			

**LCS (6A31018-BS1)**

Prepared: 01/31/2026 Analyzed: 02/01/2026

1,2,4-Trimethylbenzene	0.095	0.002	mg/kg wet	0.100		95.1	70-130			
1,3,5-Trimethylbenzene	0.097	0.002	"	0.100		97.1	70-130			
Benzene	0.098	0.002	"	0.100		98.2	70-130			
Ethylbenzene	0.095	0.002	"	0.100		95.2	70-130			
Naphthalene	0.087	0.004	"	0.100		86.5	70-130			
Toluene	0.094	0.002	"	0.100		93.9	70-130			
o-Xylene	0.091	0.002	"	0.100		91.0	70-130			
m,p-Xylene	0.187	0.004	"	0.200		93.6	70-130			

Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	98.2		70-130			
Surrogate: Toluene-d8	0.12		"	0.125	98.1		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	99.0		70-130			

**Matrix Spike (6A31018-MS1)**

Source: DJA0560-01

Prepared: 01/31/2026 Analyzed: 02/01/2026

1,2,4-Trimethylbenzene	0.109	0.002	mg/kg dry	0.112	ND	97.2	70-130			
1,3,5-Trimethylbenzene	0.111	0.002	"	0.112	ND	98.7	70-130			

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 Project: Peterson CX GH Multiwell Pad

**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 6A31018 - EPA 5030 (soil)**

Matrix Spike (6A31018-MS1)			Source: DJA0560-01			Prepared: 01/31/2026 Analyzed: 02/01/2026				
Benzene	0.115	0.002	mg/kg dry	0.112	ND	103	70-130			
Ethylbenzene	0.112	0.002	"	0.112	ND	100	70-130			
Naphthalene	0.067	0.004	"	0.112	ND	59.6	70-130			QM-07
Toluene	0.095	0.002	"	0.112	ND	84.6	70-130			
o-Xylene	0.106	0.002	"	0.112	ND	94.6	70-130			
m,p-Xylene	0.224	0.004	"	0.224	ND	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.11		"	0.140		82.1	70-130			
Surrogate: Toluene-d8	0.11		"	0.140		81.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.14		"	0.140		102	70-130			

Matrix Spike Dup (6A31018-MSD1)			Source: DJA0560-01			Prepared: 01/31/2026 Analyzed: 02/01/2026				
1,2,4-Trimethylbenzene	0.109	0.002	mg/kg dry	0.111	ND	98.1	70-130	0.324	20	
1,3,5-Trimethylbenzene	0.113	0.002	"	0.111	ND	101	70-130	1.96	20	
Benzene	0.109	0.002	"	0.111	ND	98.3	70-130	5.15	20	
Ethylbenzene	0.115	0.002	"	0.111	ND	104	70-130	2.64	20	
Naphthalene	0.099	0.004	"	0.111	ND	89.0	70-130	39.1	20	QM-07
Toluene	0.103	0.002	"	0.111	ND	92.5	70-130	8.35	20	
o-Xylene	0.111	0.002	"	0.111	ND	100	70-130	4.99	20	
m,p-Xylene	0.226	0.004	"	0.223	ND	102	70-130	1.13	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.139		90.5	70-130			
Surrogate: Toluene-d8	0.13		"	0.139		93.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.139		106	70-130			

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 Project: Peterson CX GH Multiwell Pad

**Total Metals by 7199 - Quality Control  
 Enthalpy Orange**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 395125 - EPA 3060A</b>										
<b>BLANK (QC1339747)</b>										
					Prepared: 02/11/2026 Analyzed: 02/12/2026					
Hexavalent Chromium	ND	0.29	mg/Kg				-			ND
<b>LCS (QC1339748)</b>										
					Prepared: 02/11/2026 Analyzed: 02/12/2026					
Hexavalent Chromium	41.51	0.5976	mg/Kg	39.84		104	80-120			
<b>Duplicate (QC1339749)</b>										
					Prepared: 02/11/2026 Analyzed: 02/12/2026					
					<b>Source: 552125-001</b>					
Hexavalent Chromium	ND	0.3344	mg/Kg dry		0		-		30	ND
<b>Matrix Spike (QC1339750)</b>										
					Prepared: 02/11/2026 Analyzed: 02/12/2026					
					<b>Source: 552125-001</b>					
Hexavalent Chromium	40.01	0.6635	mg/Kg dry	44.24	0	90	70-130			

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**Notes and Definitions**

- U Sample is Non-Detect.
- S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Not Detected
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Origins Laboratory

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