



Stantec Consulting Services

Sam O'Boyle

2000 S. Colorado Blvd. Suite 2-300

Denver

CO

80222

February 18, 2026

Project Name - Civitas - Peterson CX GH 30-14D

Project Number - [none]

Attached are your analytical results for Civitas - Peterson CX GH 30-14D received by Origins Laboratory February 03, 2026. This project is associated with Origins project number DJB0109-01.

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

Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG01@1	DJB0109-01	Soil	February 3, 2026 9:00	02/03/2026 15:01
BG01@4	DJB0109-02	Soil	February 3, 2026 9:25	02/03/2026 15:01
BG01@5	DJB0109-03	Soil	February 3, 2026 9:40	02/03/2026 15:01
BG01@6	DJB0109-04	Soil	February 3, 2026 9:50	02/03/2026 15:01
BG02@1	DJB0109-05	Soil	February 3, 2026 10:10	02/03/2026 15:01
BG02@4	DJB0109-06	Soil	February 3, 2026 10:35	02/03/2026 15:01
BG02@5	DJB0109-07	Soil	February 3, 2026 10:45	02/03/2026 15:01
BG02@6	DJB0109-08	Soil	February 3, 2026 10:55	02/03/2026 15:01

Origins Laboratory

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ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: **DJB6109**

Page: **1** of **1**

Turn Around Time (rush by advanced notice only)

Standard:	X	1 Day:	5 Day:	3 Day:

Matrix: A = Air S = Soil/Solid W = Water
 DW = Drinking Water P = Product O = Oil
 SD = Sediment T = Tissue WP = Wipe
 MW = Wastewater X = Other

Sample Type:
 C = Composite
 G = Grab or Discrete
 B = Blank O = Other

Preservatives: 0 = none
 1 = Na₂S₂O₃ 2 = HCl
 3 = HNO₃ 4 = H₂SO₄
 5 = NaOH 6 = Other

Sample Receipt Temp and Notes:
8.0°C VICE
 (lab use only)

CUSTOMER INFORMATION

Company: **Stantec/Cintas** Name: **Robson CX & H 30-141D**
 Report To: **Cintas GISDT Neptune** Number: **Rem # 43451**
 Email: **Stantec Team** P.O. #: **AFE 850732** Major/Minor:
 Address: **410 77th Street, Denver, CO 80238 Suite 1400** Address:
 Phone: Global ID:
 Fax: Sampled By: **Sam O'Boyle**

PROJECT INFORMATION

Analysis Request:
 Test Instructions / Comments:

Sample ID	Sampling Date	Sampling Time (24 hr)	Matrix	Sample Type	Pres.	Cont. No.	Cont. Size	Initials	Full Table 915-1 (soil)	Full Table 915-1 (water)
1	B60101	23-26	0900	S	G	-	3	4oz	SD	X
2	B60104		0925							
3	B60105		0940							
4	B60106		0950							
5	B60201		1010							
6	B60204		1035							
7	B60205		1045							
8	B60206		1055							
9										
10										


	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	<i>[Signature]</i>	Sam O'Boyle	Stantec	02-3-26 15:01
1 Received By:	<i>[Signature]</i>	Nicole Boehler	ENTHALPY	02/02/26 15:01
2 Relinquished By:				
2 Received By:				
3 Relinquished By:				
3 Received By:				

Sample Receipt Checklist

Enthalpy Work Order: DUB0109 Client Stantec/Civitas
 Checklist Completed by: JN/ARZ Client Project ID Peterson CX GH 30-14D
 Date/Time Completed: 2/4/26 Shipped Via: HD
 Matrix(es) Received: Soil/Solid _____ Water _____ Other: _____
 Thermometer ID(s): T004
 Temperature as read (°C): 7.5
 Temperature as reported (°C): 8.6

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		X		SD
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	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 ₃ , HCl, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH, etc.)			X	
Additional Comments (if any): <p style="text-align: center;">* 2 Containers received for each sample</p>				

⁽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.


 Reviewed by (Project Manager)

02-05-26
 Date/Time Reviewed



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

Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@1
 2/3/2026 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-01 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.15	0.09	0.22	mg/kg dry	1	BJB0551	02/12/2026	02/16/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.736		0.107	mg/L dry	1	6B05030	02/05/2026	02/09/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	4.39		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	2.36		0.823	"	"	"	"	"	
Sodium	2.95		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	94.6			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	7.98			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									
SAR	1.60		0.0100	SAR	1	6B05040	"	02/09/2026	

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Kayla Kenyon For Jen Pellegrini, Project Manager



Stantec Consulting Services
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 Denver CO 80222

Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@1
 2/3/2026 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-01 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.902		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	
Table 915 metals by EPA 6020B									
Arsenic	4.19		0.212	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	102		59.9	"	"	"	"	"	
Cadmium	ND		0.278	"	"	"	"	"	U
Copper	ND		33.6	"	"	"	"	"	U
Lead	ND		10.2	"	"	"	"	"	U
Nickel	ND		19.0	"	"	"	"	"	U
Selenium	0.226		0.180	"	"	"	"	"	
Silver	ND		0.584	"	"	"	"	"	U
Zinc	ND		270	"	"	"	"	"	U

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Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@4
2/3/2026 9:25:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-02 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BJB0551	02/12/2026	02/16/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.101	mg/L dry	1	6B05030	02/05/2026	02/09/2026	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.615		0.435	"	"	"	"	"	"
Percent Solids									
Total Solids, Percent	98.8			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.99			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									
SAR	1.14		0.0100	SAR	1	6B05040	"	02/09/2026	

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

Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

BG01@4
2/3/2026 9:25:00AM


DJB0109-02 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Specific Conductance (EC)	0.158		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	

Table 915 metals by EPA 6020B

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	0.811		0.208	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	ND		58.6	"	"	"	"	"	U
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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Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@5
2/3/2026 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-03 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJB0551	02/12/2026	02/16/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.103	mg/L dry	1	6B05030	02/05/2026	02/09/2026	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"
Percent Solids									
Total Solids, Percent	98.0			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.06			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									

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Kayla Kenyon For Jen Pellegrini, Project Manager



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Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@5
2/3/2026 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJB0109-03 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	0.606		0.0100	SAR	1	6B05040	02/05/2026	02/09/2026	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.116		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	
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Table 915 metals by EPA 6020B

Arsenic	0.935		0.201	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	ND		56.7	"	"	"	"	"	U
Cadmium	ND		0.263	"	"	"	"	"	U
Copper	ND		31.8	"	"	"	"	"	U
Lead	ND		9.68	"	"	"	"	"	U
Nickel	ND		18.0	"	"	"	"	"	U
Selenium	ND		0.170	"	"	"	"	"	U
Silver	ND		0.553	"	"	"	"	"	U
Zinc	ND		256	"	"	"	"	"	U

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Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@6
 2/3/2026 9:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-04 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJB0551	02/12/2026	02/16/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6B05031	02/05/2026	02/09/2026	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	ND		0.435	"	"	"	"	"	"
Percent Solids									
Total Solids, Percent	98.3			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.66			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									

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Kayla Kenyon For Jen Pellegrini, Project Manager



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 Denver CO 80222

Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG01@6
2/3/2026 9:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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DJB0109-04 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	0.722		0.0100	SAR	1	6B05040	02/05/2026	02/09/2026	
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.116		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	
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Table 915 metals by EPA 6020B

Arsenic	0.525		0.199	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	ND		56.0	"	"	"	"	"	U
Cadmium	ND		0.260	"	"	"	"	"	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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Stantec Consulting Services
 2000 S. Colorado Blvd. Suite 2-300
 Denver CO 80222

Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG02@1
 2/3/2026 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-05 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.11	0.08	0.21	mg/kg dry	1	BJB0571	02/12/2026	02/13/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	0.700		0.104	mg/L dry	1	6B05031	02/05/2026	02/09/2026	
Metals by Saturated Paste by EPA 6010									
Calcium	1.92		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	0.934		0.823	"	"	"	"	"	
Sodium	4.61		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	95.5			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.31			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									
SAR	3.86		0.0100	SAR	1	6B05040	"	02/09/2026	

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Kayla Kenyon For Jen Pellegrini, Project Manager


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

Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

BG02@1
2/3/2026 10:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-05 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.713		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	
Table 915 metals by EPA 6020B									
Arsenic	2.39		0.219	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	88.0		61.8	"	"	"	"	"	
Cadmium	ND		0.287	"	"	"	"	"	U
Copper	ND		34.7	"	"	"	"	"	U
Lead	ND		10.6	"	"	"	"	"	U
Nickel	ND		19.6	"	"	"	"	"	U
Selenium	0.189		0.185	"	"	"	"	"	
Silver	ND		0.603	"	"	"	"	"	U
Zinc	ND		279	"	"	"	"	"	U

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

Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG02@4
2/3/2026 10:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-06 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	0.11	0.08	0.20	mg/kg dry	1	BJB0571	02/12/2026	02/13/2026	J
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.100	mg/L dry	1	6B05031	02/05/2026	02/09/2026	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.837		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	98.6			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.68			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									
SAR	1.40		0.0100	SAR	1	6B05040	"	02/09/2026	

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

Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

BG02@4
2/3/2026 10:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-06 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.219		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	
Table 915 metals by EPA 6020B									
Arsenic	1.42		0.205	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	ND		57.8	"	"	"	"	"	U
Cadmium	ND		0.268	"	"	"	"	"	U
Copper	ND		32.4	"	"	"	"	"	U
Lead	ND		9.86	"	"	"	"	"	U
Nickel	ND		18.3	"	"	"	"	"	U
Selenium	ND		0.173	"	"	"	"	"	U
Silver	ND		0.564	"	"	"	"	"	U
Zinc	ND		261	"	"	"	"	"	U

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 Denver CO 80222

Sam O'Boyle
 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG02@5
 2/3/2026 10:45:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-07 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.08	0.20	mg/kg dry	1	BJB0571	02/12/2026	02/13/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.101	mg/L dry	1	6B05031	02/05/2026	02/09/2026	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	0.619		0.435	"	"	"	"	"	
Percent Solids									
Total Solids, Percent	98.5			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.67			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									
SAR	1.71		0.0100	SAR	1	6B05040	"	02/09/2026	

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Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

BG02@5
2/3/2026 10:45:00AM


DJB0109-07 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Specific Conductance (EC)	0.152		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	

Table 915 metals by EPA 6020B

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
Arsenic	0.704		0.192	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	ND		54.2	"	"	"	"	"	U
Cadmium	ND		0.251	"	"	"	"	"	U
Copper	ND		30.4	"	"	"	"	"	U
Lead	ND		9.26	"	"	"	"	"	U
Nickel	ND		17.2	"	"	"	"	"	U
Selenium	ND		0.163	"	"	"	"	"	U
Silver	ND		0.529	"	"	"	"	"	U
Zinc	ND		245	"	"	"	"	"	U

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 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

BG02@6
2/3/2026 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-08 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.08	0.21	mg/kg dry	1	BJB0571	02/12/2026	02/13/2026	
Origins Laboratory									
Boron (DTPA Sorbitol)									
(DTPA Sorbitol) Boron	ND		0.102	mg/L dry	1	6B05031	02/05/2026	02/09/2026	U
Metals by Saturated Paste by EPA 6010									
Calcium	ND		0.499	meq/L	10	[CALC]	02/05/2026	02/09/2026	
Magnesium	ND		0.823	"	"	"	"	"	"
Sodium	0.695		0.435	"	"	"	"	"	"
Percent Solids									
Total Solids, Percent	98.7			mass percent	1	6B05098	02/05/2026	02/05/2026	
pH in Soil by 9045D									
pH	8.48			pH Units	1	6B05050	02/05/2026	02/07/2026	
SAR by 20B Saturated Paste									
SAR	2.16		0.0100	SAR	1	6B05040	"	02/09/2026	

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Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

BG02@6
2/3/2026 10:55:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
DJB0109-08 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.157		0.00500	mmhos/cm	1	6B05050	"	02/07/2026	
Table 915 metals by EPA 6020B									
Arsenic	0.618		0.201	mg/kg dry	10	6B05076	02/05/2026	02/09/2026	
Barium	ND		56.8	"	"	"	"	"	U
Cadmium	ND		0.263	"	"	"	"	"	U
Copper	ND		31.8	"	"	"	"	"	U
Lead	ND		9.69	"	"	"	"	"	U
Nickel	ND		18.0	"	"	"	"	"	U
Selenium	ND		0.170	"	"	"	"	"	U
Silver	ND		0.554	"	"	"	"	"	U
Zinc	ND		256	"	"	"	"	"	U

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***** 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 6B05098 - % Solids

Duplicate (6B05098-DUP1)

Source: DJB0095-12

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

Total Solids, Percent	95.1		mass percent		94.8			0.300	20	
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Duplicate (6B05098-DUP2)

Source: DJB0095-13

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

Total Solids, Percent	95.7		mass percent		95.6			0.0362	20	
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Kayla Kenyon For Jen Pellegrini, Project Manager



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 Project Number: [none]
 Project: Civitas - Peterson CX GH 30-14D

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 6B05030 - DTPA Sorbitol Preparation

Blank (6B05030-BLK1)

Prepared: 02/05/2026 Analyzed: 02/09/2026

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

Duplicate (6B05030-DUP1)

Source: DJB0095-07

Prepared: 02/05/2026 Analyzed: 02/09/2026

(DTPA Sorbitol) Boron 0.105 0.105 mg/L dry 0.0970 8.03 50

Batch 6B05031 - DTPA Sorbitol Preparation

Blank (6B05031-BLK1)

Prepared: 02/05/2026 Analyzed: 02/09/2026

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

Duplicate (6B05031-DUP1)

Source: DJB0109-04

Prepared: 02/05/2026 Analyzed: 02/09/2026

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

Batch 6B05040 - Saturated Paste Metals

Blank (6B05040-BLK1)

Prepared: 02/05/2026 Analyzed: 02/09/2026

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 (6B05040-DUP1)

Source: DJB0103-01

Prepared: 02/05/2026 Analyzed: 02/09/2026

SAR ND 0.0100 SAR 0.158 200 U

Calcium PPM 31.8 10.0 mg/L 30.0 6.02 50

Magnesium PPM 6.39 10.0 " 6.00 6.30 50 U

Sodium PPM 5.74 10.0 " 3.62 45.3 50 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 6B05076 - EPA 3050B

Blank (6B05076-BLK1)

Prepared: 02/05/2026 Analyzed: 02/09/2026

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
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (6B05076-BS1)

Prepared: 02/05/2026 Analyzed: 02/09/2026

Arsenic	4.23	0.218	mg/kg wet	5.00		84.6	80-120			
Barium	435	61.5	"	500		86.9	80-120			
Cadmium	4.32	0.285	"	5.00		86.5	80-120			
Copper	44.7	34.5	"	50.0		89.4	80-120			
Lead	4.20	10.5	"	5.00		83.9	80-120			U
Nickel	4.33	19.5	"	5.00		86.5	80-120			U
Selenium	4.15	0.184	"	5.00		83.0	80-120			
Silver	4.47	0.600	"	5.00		89.3	80-120			
Zinc	42.5	278	"	50.0		85.0	80-120			U

Matrix Spike (6B05076-MS1)

Source: DJB0095-13

Prepared: 02/05/2026 Analyzed: 02/10/2026

Arsenic	7.00	0.198	mg/kg dry	4.53	1.50	121	75-125			
Barium	640	55.7	"	453	69.6	126	75-125			QM-07
Cadmium	5.51	0.258	"	4.53	0.0597	120	75-125			
Copper	63.4	31.3	"	45.3	4.65	130	75-125			QM-07
Lead	10.7	9.52	"	4.53	4.58	135	75-125			QM-07

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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 6B05076 - EPA 3050B

Matrix Spike (6B05076-MS1)

Source: DJB0095-13

Prepared: 02/05/2026 Analyzed: 02/10/2026

Nickel	10.8	17.7	mg/kg dry	4.53	4.69	135	75-125			QM-07, U
Selenium	5.09	0.167	"	4.53	0.124	110	75-125			
Silver	5.18	0.544	"	4.53	0.00734	114	75-125			
Zinc	80.3	252	"	45.3	21.4	130	75-125			QM-07, U

Matrix Spike Dup (6B05076-MSD1)

Source: DJB0095-13

Prepared: 02/05/2026 Analyzed: 02/10/2026

Arsenic	6.89	0.201	mg/kg dry	4.60	1.50	117	75-125	1.53	20	
Barium	646	56.6	"	460	69.6	125	75-125	0.951	20	
Cadmium	5.57	0.262	"	4.60	0.0597	120	75-125	1.02	20	
Copper	63.3	31.7	"	46.0	4.65	127	75-125	0.136	20	QM-07
Lead	10.5	9.66	"	4.60	4.58	128	75-125	2.38	20	QM-07
Nickel	10.6	17.9	"	4.60	4.69	127	75-125	2.24	20	QM-07, U
Selenium	5.22	0.170	"	4.60	0.124	111	75-125	2.55	20	
Silver	5.35	0.552	"	4.60	0.00734	116	75-125	3.20	20	
Zinc	78.7	255	"	46.0	21.4	125	75-125	1.96	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 6B05050 - Saturated Paste pH/EC

Blank (6B05050-BLK1)

Prepared: 02/05/2026 Analyzed: 02/07/2026

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
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Duplicate (6B05050-DUP1)

Source: DJB0103-01

Prepared: 02/05/2026 Analyzed: 02/07/2026

pH	7.96		pH Units		7.96			0.00		25
Specific Conductance (EC)	0.262	0.00500	mmhos/cm		0.232			12.1		25

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Total Metals by SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJB0571 - No Prep IC-WET										
Blank (BJB0571-BLK1)										
					Prepared: 02/12/2026 Analyzed: 02/13/2026					
Chromium, Hexavalent	ND	0.005	mg/kg wet dry							
LCS (BJB0571-BS1)										
					Prepared: 02/12/2026 Analyzed: 02/13/2026					
Chromium, Hexavalent	0.05	0.005	mg/kg wet dry	0.0500		102	80-120			
LCS (BJB0571-BS2)										
					Prepared: 02/12/2026 Analyzed: 02/13/2026					
Chromium, Hexavalent	8.51	1.00	mg/kg wet dry	8.07		105	80-120			
Duplicate (BJB0571-DUP1)										
		Source: DJB0109-05			Prepared: 02/12/2026 Analyzed: 02/13/2026					
Chromium, Hexavalent	0.12	0.21	mg/kg dry		0.11			3.44	20	J
Matrix Spike (BJB0571-MS1)										
		Source: DJB0109-05			Prepared: 02/12/2026 Analyzed: 02/13/2026					
Chromium, Hexavalent	2.22	0.21	mg/kg dry	2.09	0.11	101	75-125			
Matrix Spike (BJB0571-MS2)										
		Source: DJB0109-05			Prepared: 02/12/2026 Analyzed: 02/13/2026					
Chromium, Hexavalent	2.35	0.22	mg/kg dry	2.17	0.11	103	75-125			

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 Project: Civitas - Peterson CX GH 30-14D

Total Metals by SW7199 - Quality Control
Enthalpy Analytical

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BJB0551 - No Prep IC-WET										
Blank (BJB0551-BLK1)										
					Prepared: 02/12/2026 Analyzed: 02/16/2026					
Chromium, Hexavalent	ND	0.005	mg/kg wet dry							
LCS (BJB0551-BS1)										
					Prepared: 02/12/2026 Analyzed: 02/16/2026					
Chromium, Hexavalent	0.05	0.005	mg/kg wet dry	0.0500		107	80-120			
LCS (BJB0551-BS2)										
					Prepared: 02/12/2026 Analyzed: 02/16/2026					
Chromium, Hexavalent	8.66	1.00	mg/kg wet dry	8.07		107	80-120			
Duplicate (BJB0551-DUP1)										
		Source: DJB0109-04			Prepared: 02/12/2026 Analyzed: 02/16/2026					
Chromium, Hexavalent	ND	0.20	mg/kg dry		ND				20	
Matrix Spike (BJB0551-MS1)										
		Source: DJB0109-04			Prepared: 02/12/2026 Analyzed: 02/16/2026					
Chromium, Hexavalent	2.09	0.20	mg/kg dry	2.01	ND	104	75-125			
Matrix Spike (BJB0551-MS2)										
		Source: DJB0109-04			Prepared: 02/12/2026 Analyzed: 02/16/2026					
Chromium, Hexavalent	2.37	0.20	mg/kg dry	2.05	ND	116	75-125			

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Denver CO 80222

Sam O'Boyle
Project Number: [none]
Project: Civitas - Peterson CX GH 30-14D

Notes and Definitions

- U Sample is Non-Detect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- J The reported result is an estimated value.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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