

PADCO, LLC

Wright Tank Battery (WTB) July 2023 Spill

Spill/Release Point ID: 484841

September 26, 2023

Initial Form-19 Doc No.: 403463899

Metals Analysis

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 07, 2023

Ty Smith

Lesair Environmental

11786 Shaffer Place Suite 210

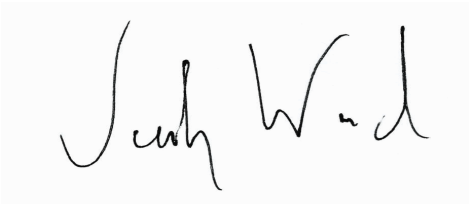
Littleton, CO 80127

RE: PADCO Wright TB JUL23

Work Order #2307583

Enclosed are the results of analyses for samples received by Summit Scientific on 07/31/23 16:02. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial 'J' and a distinct 'W'.

Jacob Wood For Paul Shrewsbury

President



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007

Project Manager: Ty Smith

Reported:
08/07/23 10:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WTB-1	2307583-01	Soil	07/28/23 11:45	07/31/23 16:02
WTB-2	2307583-02	Soil	07/28/23 12:00	07/31/23 16:02
WTB-3	2307583-03	Soil	07/28/23 12:15	07/31/23 16:02
WTB-WS	2307583-04	Soil	07/28/23 12:15	07/31/23 16:02

Summit Scientific

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.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID
2307583
Page 1 of 1

Client: PAPCO LLC	Send Data To: Project Manager: Ty Smith	Send Invoice To: Company: PAPCO LLC
Address:	E-Mail: ty.smith@lesair.com	Project Name/Location: WRIGHT TB
City/State/Zip:		AFE#:
Phone:	Project Name: WRIGHT TB JUL23	PO/Billing Codes:
Sampler Name: Ty Smith	Project Number: 12-0723-007	Contact: DAN RICHMOND

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested						Special Instructions		
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	915 GAD/ETA	915 DR/ORD	915 PH	915 EC	915 SAR		915 Bason	915 METALS
1	WTB-1	7/28/23	11:45	2			X			X			X	X	X	S	S	S	S	X = 48hr TAT S = STD
2																				
3	WTB-2	7/28/23	12:00	2			X			X			X	X	X	S	S	S		
4																				
5	WTB-3	7/28/23	12:15	2			X			X			X	X	X	S	S	S		
6																				
7	WTB-W/S	7/28/23	12:15	2			X			X			X	X	X	S	S	S	S	
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				

Relinquished by: Ty Smith Date/Time: 7/31/23 16:00	Received by: John Wood Date/Time: 7/31/23 16:02	TAT Business Days	Field DO	Notes: X = 48hr TAT S = STD TAX
Relinquished by:	Received by:	Same Day	Field EC	
Relinquished by:	Received by:	1 Day	Field ORP	
Relinquished by:	Received by:	2 Days	Field pH	
Relinquished by:	Received by:	3 Days	Field Temp.	
Temperature Upon Receipt: 11.0	Corrected Temperature	IR gun #: 2	HNO3 lot #:	

S₂

Sample Receipt Checklist

S2 Work Order# 2307583

Client: Radco Client Project ID: Wright TB JUL23

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

Matrix (Check all that apply) Air Soil/Solid Water Other

Temp (°C)

Thermometer #

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on ice
If custody seals are present, are they intact? ⁽¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	48 hours
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Jah Ward

Custodian Printed Name

7/31/23 16:02

Date/Time



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-1
2307583-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BGH0048	08/01/23	08/01/23	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	9.1	0.50		"	"	"	"	"	"	

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0320	80.0 %		50-150		"	"	"	"	
<i>Surrogate: Toluene-d8</i>	0.0402	100 %		50-150		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0583	146 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	2600	50		mg/kg	1	BGH0050	08/01/23	08/01/23	EPA 8015M	
C28-C36 (ORO)	1000	50		"	"	"	"	"	"	

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
<i>Surrogate: o-Terphenyl</i>	13.8	111 %		30-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-1
2307583-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Boron	0.569	0.0100	mg/L	1	BGH0043	08/01/23	08/02/23	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	0.956	0.229	mg/kg dry	1	BGH0044	08/01/23	08/03/23	EPA 6020B	
Barium	108	0.458	"	"	"	"	"	"	
Cadmium	ND	0.229	"	"	"	"	"	"	
Copper	ND	0.458	"	"	"	"	"	"	
Lead	5.91	0.229	"	"	"	"	"	"	
Nickel	2.02	0.458	"	"	"	"	"	"	
Selenium	ND	0.297	"	"	"	"	"	"	
Silver	0.0316	0.0229	"	"	"	"	"	"	
Zinc	7.32	0.458	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BGH0064	08/02/23	08/02/23	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Calcium	50.2	0.0572	mg/L dry	1	BGH0026	08/01/23	08/02/23	EPA 6020B	
Magnesium	6.16	0.0572	"	"	"	"	"	"	
Sodium	43.1	0.0572	"	"	"	"	"	"	

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

WTB-1
2307583-01 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.53	0.00100	units	1	BGH0132	08/03/23	08/03/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	87.4		%	1	BGH0032	08/01/23	08/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.520	0.0100	mmhos/cm	1	BGH0097	08/02/23	08/02/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **07/28/23 11:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.96		pH Units	1	BGH0096	08/02/23	08/02/23	EPA 9045D	

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-2
2307583-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BGH0048	08/01/23	08/01/23	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	1.0	0.50	"	"	"	"	"	"	

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0307	76.6 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0385	96.2 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0449	112 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	380	50	mg/kg	1	BGH0050	08/01/23	08/02/23	EPA 8015M	
C28-C36 (ORO)	140	50	"	"	"	"	"	"	

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	12.4	99.1 %	30-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23
Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-2
2307583-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	0.360	0.0100	mg/L	1	BGH0043	08/01/23	08/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	24.7	0.0586	mg/L dry	1	BGH0026	08/01/23	08/02/23	EPA 6020B	
Magnesium	6.95	0.0586	"	"	"	"	"	"	
Sodium	9.29	0.0586	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.425	0.00100	units	1	BGH0132	08/03/23	08/03/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	85.3		%	1	BGH0032	08/01/23	08/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.233	0.0100	mmhos/cm	1	BGH0097	08/02/23	08/02/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

WTB-2
2307583-02 (Soil)


Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **07/28/23 12:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.64		pH Units	1	BGH0096	08/02/23	08/02/23	EPA 9045D	

Summit Scientific



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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-3
2307583-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BGH0048	08/01/23	08/01/23	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0319	79.7 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0387	96.8 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0389	97.4 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	67	50	mg/kg	1	BGH0050	08/01/23	08/01/23	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	11.7	93.7 %	30-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23
Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-3
2307583-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	0.484	0.0100	mg/L	1	BGH0043	08/01/23	08/02/23	EPA 6020B	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	14.7	0.0577	mg/L dry	1	BGH0026	08/01/23	08/02/23	EPA 6020B	
Magnesium	4.34	0.0577	"	"	"	"	"	"	
Sodium	8.29	0.0577	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.488	0.00100	units	1	BGH0132	08/03/23	08/03/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	86.7		%	1	BGH0032	08/01/23	08/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.257	0.0100	mmhos/cm	1	BGH0097	08/02/23	08/02/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

WTB-3
2307583-03 (Soil)


Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.73		pH Units	1	BGH0096	08/02/23	08/02/23	EPA 9045D	

Summit Scientific



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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-WS
2307583-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BGH0048	08/01/23	08/02/23	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	50	0.50	"	"	"	"	"	"	

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0253	63.2 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0411	103 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0979	245 %	50-150		"	"	"	"	S-02

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	12000	50	mg/kg	1	BGH0050	08/01/23	08/01/23	EPA 8015M	
C28-C36 (ORO)	5200	50	"	"	"	"	"	"	

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	18.0	144 %	30-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-WS
2307583-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Boron	0.496	0.0100		mg/L	1	BGH0043	08/01/23	08/02/23	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	1.04	0.225		mg/kg dry	1	BGH0044	08/01/23	08/03/23	EPA 6020B	
Barium	97.2	0.449		"	"	"	"	"	"	
Cadmium	ND	0.225		"	"	"	"	"	"	
Copper	ND	0.449		"	"	"	"	"	"	
Lead	5.12	0.225		"	"	"	"	"	"	
Nickel	2.19	0.449		"	"	"	"	"	"	
Selenium	0.230	0.292		"	"	"	"	"	"	
Silver	0.0350	0.0225		"	"	"	"	"	"	
Zinc	7.29	0.449		"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chromium, Hexavalent	ND	0.30		mg/kg dry	1	BGH0064	08/02/23	08/02/23	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Calcium	74.1	0.0561		mg/L dry	1	BGH0026	08/01/23	08/02/23	EPA 6020B	
Magnesium	9.13	0.0561		"	"	"	"	"	"	
Sodium	46.5	0.0561		"	"	"	"	"	"	

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23
Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

WTB-WS
2307583-04 (Soil)

Summit Scientific

Calculated Analysis

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	1.36	0.00100	units	1	BGH0132	08/03/23	08/03/23	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	89.1		%	1	BGH0032	08/01/23	08/01/23	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.393	0.0100	mmhos/cm	1	BGH0097	08/02/23	08/02/23	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **07/28/23 12:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.83		pH Units	1	BGH0096	08/02/23	08/02/23	EPA 9045D	

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BGH0048 - EPA 5030 Soil MS

Blank (BGH0048-BLK1)

Prepared & Analyzed: 08/01/23

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0317		"	0.0400		79.4	50-150			
<i>Surrogate: Toluene-d8</i>	0.0385		"	0.0400		96.3	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0363		"	0.0400		90.8	50-150			

LCS (BGH0048-BS1)

Prepared & Analyzed: 08/01/23

Benzene	0.126	0.0020	mg/kg	0.115		109	70-130			
Toluene	0.128	0.0050	"	0.115		112	70-130			
Ethylbenzene	0.121	0.0050	"	0.115		105	70-130			
m,p-Xylene	0.292	0.010	"	0.230		127	70-130			
o-Xylene	0.136	0.0050	"	0.115		118	70-130			
1,2,4-Trimethylbenzene	0.145	0.0050	"	0.115		126	70-130			
1,3,5-Trimethylbenzene	0.143	0.0050	"	0.115		124	70-130			
Naphthalene	0.100	0.0038	"	0.115		87.1	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0291		"	0.0400		72.8	50-150			
<i>Surrogate: Toluene-d8</i>	0.0386		"	0.0400		96.4	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0382		"	0.0400		95.4	50-150			

Matrix Spike (BGH0048-MS1)

Source: 2307592-01

Prepared & Analyzed: 08/01/23

Benzene	0.118	0.0020	mg/kg	0.115	ND	103	70-130			
Toluene	0.116	0.0050	"	0.115	ND	101	70-130			
Ethylbenzene	0.130	0.0050	"	0.115	ND	113	70-130			
m,p-Xylene	0.254	0.010	"	0.230	ND	110	70-130			
o-Xylene	0.120	0.0050	"	0.115	ND	104	70-130			
1,2,4-Trimethylbenzene	0.122	0.0050	"	0.115	ND	106	70-130			
1,3,5-Trimethylbenzene	0.121	0.0050	"	0.115	ND	105	70-130			
Naphthalene	0.0854	0.0038	"	0.115	ND	74.3	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	0.0336		"	0.0400		84.0	50-150			
<i>Surrogate: Toluene-d8</i>	0.0395		"	0.0400		98.8	50-150			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.0372		"	0.0400		93.1	50-150			

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BGH0048 - EPA 5030 Soil MS

Matrix Spike Dup (BGH0048-MSD1)	Source: 2307592-01			Prepared & Analyzed: 08/01/23						
Benzene	0.124	0.0020	mg/kg	0.115	ND	108	70-130	5.20	30	
Toluene	0.125	0.0050	"	0.115	ND	108	70-130	7.03	30	
Ethylbenzene	0.143	0.0050	"	0.115	ND	125	70-130	9.93	30	
m,p-Xylene	0.280	0.010	"	0.230	ND	122	70-130	10.1	30	
o-Xylene	0.128	0.0050	"	0.115	ND	111	70-130	6.43	30	
1,2,4-Trimethylbenzene	0.134	0.0050	"	0.115	ND	116	70-130	9.34	30	
1,3,5-Trimethylbenzene	0.132	0.0050	"	0.115	ND	115	70-130	9.32	30	
Naphthalene	0.0911	0.0038	"	0.115	ND	79.3	70-130	6.49	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>0.0310</i>		<i>"</i>	<i>0.0400</i>		<i>77.6</i>	<i>50-150</i>			
<i>Surrogate: Toluene-d8</i>	<i>0.0391</i>		<i>"</i>	<i>0.0400</i>		<i>97.6</i>	<i>50-150</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0380</i>		<i>"</i>	<i>0.0400</i>		<i>95.0</i>	<i>50-150</i>			

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BGH0050 - EPA 3550A

Blank (BGH0050-BLK1)

Prepared & Analyzed: 08/01/23

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	11.8		"	12.5		94.3		30-150			

LCS (BGH0050-BS1)

Prepared & Analyzed: 08/01/23

C10-C28 (DRO)	413	50	mg/kg	500		82.5		70-130			
Surrogate: <i>o</i> -Terphenyl	11.4		"	12.5		91.0		30-150			

Matrix Spike (BGH0050-MS1)

Source: 2307592-01

Prepared & Analyzed: 08/01/23

C10-C28 (DRO)	406	50	mg/kg	500	11.4	78.8		70-130			
Surrogate: <i>o</i> -Terphenyl	11.7		"	12.5		93.5		30-150			

Matrix Spike Dup (BGH0050-MSD1)

Source: 2307592-01

Prepared & Analyzed: 08/01/23

C10-C28 (DRO)	450	50	mg/kg	500	11.4	87.6		70-130	10.3	20	
Surrogate: <i>o</i> -Terphenyl	11.2		"	12.5		89.6		30-150			

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BGH0043 - EPA 3050B

Blank (BGH0043-BLK1)

Prepared: 08/01/23 Analyzed: 08/02/23

Boron ND 0.0100 mg/L

LCS (BGH0043-BS1)

Prepared: 08/01/23 Analyzed: 08/02/23

Boron 4.98 0.0100 mg/L 5.00 99.6 80-120

Duplicate (BGH0043-DUP1)

Source: 2307563-01

Prepared: 08/01/23 Analyzed: 08/02/23

Boron 0.0988 0.0100 mg/L 0.120 19.4 20

Matrix Spike (BGH0043-MS1)

Source: 2307563-01

Prepared: 08/01/23 Analyzed: 08/02/23

Boron 5.04 0.0100 mg/L 5.00 0.120 98.4 75-125

Matrix Spike Dup (BGH0043-MSD1)

Source: 2307563-01

Prepared: 08/01/23 Analyzed: 08/02/23

Boron 4.83 0.0100 mg/L 5.00 0.120 94.2 75-125 4.27 25

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BGH0044 - EPA 3050B

Blank (BGH0044-BLK1)

Prepared: 08/01/23 Analyzed: 08/03/23

Arsenic	ND	0.200	mg/kg wet							
Barium	ND	0.400	"							
Cadmium	ND	0.200	"							
Copper	ND	0.400	"							
Lead	ND	0.200	"							
Nickel	ND	0.400	"							
Selenium	ND	0.260	"							
Silver	ND	0.0200	"							
Zinc	ND	0.400	"							

LCS (BGH0044-BS1)

Prepared: 08/01/23 Analyzed: 08/03/23

Arsenic	47.2	0.200	mg/kg wet	40.0		118	80-120			
Barium	34.6	0.400	"	40.0		86.4	80-120			
Cadmium	1.60	0.200	"	2.00		80.0	80-120			
Copper	42.6	0.400	"	40.0		107	80-120			
Lead	16.3	0.200	"	20.0		81.5	80-120			
Nickel	44.3	0.400	"	40.0		111	80-120			
Selenium	4.58	0.260	"	4.00		114	80-120			
Silver	1.81	0.0200	"	2.00		90.3	80-120			
Zinc	44.3	0.400	"	40.0		111	80-120			

Duplicate (BGH0044-DUP1)

Source: 2307582-01

Prepared: 08/01/23 Analyzed: 08/03/23

Arsenic	1.45	0.236	mg/kg dry		1.81		22.3	20		QR-04
Barium	41.3	0.472	"		21.8		61.9	20		QR-04
Cadmium	0.0864	0.236	"		0.0552		44.0	20		QR-01
Copper	0.445	0.472	"		0.652		37.7	20		QR-01
Lead	10.1	0.236	"		10.1		0.701	20		
Nickel	3.22	0.472	"		3.31		2.73	20		
Selenium	0.216	0.307	"		0.260		18.3	20		
Silver	0.0250	0.0236	"		0.0227		9.90	20		
Zinc	14.7	0.472	"		16.1		9.03	20		

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

Batch BGH0044 - EPA 3050B

Matrix Spike (BGH0044-MS1)

Source: 2307582-01

Prepared: 08/01/23 Analyzed: 08/03/23

Arsenic	12.1	0.236	mg/kg dry	47.2	1.81	21.7	75-125				QM-07
Barium	77.5	0.472	"	47.2	21.8	118	75-125				
Cadmium	1.64	0.236	"	2.36	0.0552	67.2	75-125				QM-07
Copper	10.8	0.472	"	47.2	0.652	21.6	75-125				QM-07
Lead	23.9	0.236	"	23.6	10.1	58.2	75-125				QM-07
Nickel	14.0	0.472	"	47.2	3.31	22.6	75-125				QM-07
Selenium	6.07	0.307	"	4.72	0.260	123	75-125				
Silver	1.60	0.0236	"	2.36	0.0227	67.0	75-125				QM-07
Zinc	26.1	0.472	"	47.2	16.1	21.2	75-125				QM-07

Matrix Spike Dup (BGH0044-MSD1)

Source: 2307582-01

Prepared: 08/01/23 Analyzed: 08/03/23

Arsenic	11.8	0.236	mg/kg dry	47.2	1.81	21.3	75-125	1.78	25		QM-07
Barium	118	0.472	"	47.2	21.8	204	75-125	41.4	25		QM-07
Cadmium	1.57	0.236	"	2.36	0.0552	64.4	75-125	4.08	25		QM-07
Copper	10.4	0.472	"	47.2	0.652	20.8	75-125	3.78	25		QM-07
Lead	22.5	0.236	"	23.6	10.1	52.4	75-125	5.97	25		QM-07
Nickel	13.5	0.472	"	47.2	3.31	21.5	75-125	3.66	25		QM-07
Selenium	6.01	0.307	"	4.72	0.260	122	75-125	0.993	25		
Silver	1.52	0.0236	"	2.36	0.0227	63.4	75-125	5.50	25		QM-07
Zinc	25.2	0.472	"	47.2	16.1	19.2	75-125	3.56	25		QM-07

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

Batch BGH0064 - 3060A Mod

Blank (BGH0064-BLK1)

Prepared & Analyzed: 08/02/23

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BGH0064-BS1)

Prepared & Analyzed: 08/02/23

Chromium, Hexavalent 20.6 0.30 mg/kg wet 25.0 82.6 80-120

Duplicate (BGH0064-DUP1)

Source: 2307583-01

Prepared & Analyzed: 08/02/23

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BGH0064-MS1)

Source: 2307583-01

Prepared & Analyzed: 08/02/23

Chromium, Hexavalent 26.5 0.30 mg/kg dry 28.6 ND 92.8 75-125

Matrix Spike Dup (BGH0064-MSD1)

Source: 2307583-01

Prepared & Analyzed: 08/02/23

Chromium, Hexavalent 24.8 0.30 mg/kg dry 28.6 ND 86.8 75-125 6.68 20

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BGH0026 - General Preparation

Blank (BGH0026-BLK1)

Prepared: 08/01/23 Analyzed: 08/02/23

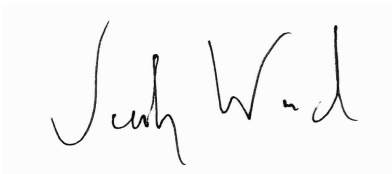
Calcium	ND	0.0500	mg/L wet							
Magnesium	ND	0.0500	"							
Sodium	ND	0.0500	"							

LCS (BGH0026-BS1)

Prepared: 08/01/23 Analyzed: 08/02/23

Calcium	4.06	0.0500	mg/L wet	5.00	81.2	70-130				
Magnesium	5.55	0.0500	"	5.00	111	70-130				
Sodium	5.51	0.0500	"	5.00	110	70-130				

Summit Scientific



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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike	Source		%REC		RPD		Notes
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

Batch BGH0032 - General Preparation


Duplicate (BGH0032-DUP1)

Source: 2307581-01

Prepared & Analyzed: 08/01/23

% Solids	83.7		%		82.8			1.08		20	
----------	------	--	---	--	------	--	--	------	--	----	--

Summit Scientific



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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BGH0097 - General Preparation

Blank (BGH0097-BLK1)

Prepared & Analyzed: 08/02/23

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BGH0097-BS1)

Prepared & Analyzed: 08/02/23

Specific Conductance (EC) 0.151 0.0100 mmhos/cm 0.150 101 95-105

Duplicate (BGH0097-DUP1)

Source: 2307563-01

Prepared & Analyzed: 08/02/23

Specific Conductance (EC) 0.441 0.0100 mmhos/cm 0.449 1.86 20

Summit Scientific

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.



Lesair Environmental
 11786 Shaffer Place Suite 210
 Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
 Project Manager: Ty Smith

Reported:
 08/07/23 10:44

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike	Source	%REC		RPD		Notes
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BGH0096 - General Preparation

LCS (BGH0096-BS1)

Prepared & Analyzed: 08/02/23

pH 9.29 pH Units 9.18 101 95-105

Duplicate (BGH0096-DUP1)

Source: 2307563-01

Prepared & Analyzed: 08/02/23

pH 7.52 pH Units 7.53 0.133 20

Summit Scientific

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.



Lesair Environmental
11786 Shaffer Place Suite 210
Littleton CO, 80127

Project: PADCO Wright TB JUL23

Project Number: 12-0723-007
Project Manager: Ty Smith

Reported:
08/07/23 10:44

Notes and Definitions

- S-02 The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- QR-04 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QR-01 Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS/LCSD recovery.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference