

The results set forth herein are provided by SGS North America Inc.

*e-Hardcopy 2.0*  
*Automated Report*

## Technical Report for

**Kerr-McGee Oil & Gas Onshore LP**

**GWA\_EOR\_Unit**

**FID:0 Reg:N/A Freq.:SP**

**SGS Job Number: DA55942X**

**Sampling Date: 06/05/23**



### Report to:

**Kerr-McGee Oil & Gas Onshore LP**  
**112 High Street**  
**Buffalo, WY 82834**  
**tanya.cude@absarokasolutions.com; AnadarkoDataMngt@ghd.com;**  
**joel.mason@absarokasolutions.com; jordan.fleming@absarokasolutions.com**  
**ATTN: Tanya Cude**

**Total number of pages in report: 24**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

**Eric Hoffman**

**Client Service contact: Parna Payandeh 303-425-6021**

Certifications: CO (CO00049), NE (NE-OS-06-04), ND (R-027), UT (NELAP CO00049)  
LA (LA150028), TX (T104704511), WY (8TMS-L), HI (CO00049), NJ (CO011), NV (CO00049)

This report shall not be reproduced, except in its entirety, without the written approval of SGS.  
Test results relate only to samples analyzed.

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## Sample Summary

Kerr-McGee Oil & Gas Onshore LP

Job No: DA55942X

GWA\_EOR\_Unit

Project No: FID:0 Reg:N/A Freq.:SP

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA55942-1X	06/05/23	08:50 JB	06/06/23	AQ	Ground Water	BW_VERDE_PRODUCED_WATER SWNW_13_1N_66W

Subcontract Lab Data

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Report of Analysis

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June 16, 2023

Angela Wu  
SGS North America Inc.  
4036 Youngfield St  
Wheat Ridge, Colorado 80033

Re: SGS North America Colorado  
Work Order: 625122  
SDG: DA55942X

Dear Angela Wu:

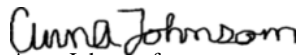
GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on June 08, 2023. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The sample was delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at [www.gel.com](http://www.gel.com).

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. .

Sincerely,



Anna Johnson for  
Alaina Pinnick  
Project Manager

Purchase Order: PO  
Enclosures

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis Report for

ACTL001 SGS North America Inc.

Client SDG: DA55942X GEL Work Order: 625122

**The Qualifiers in this report are defined as follows:**

- \* A quality control analyte recovery is outside of specified acceptance criteria
- \*\* Analyte is a Tracer compound
- \*\* Analyte is a surrogate compound
- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Alaina Pinnick.

Reviewed by \_\_\_\_\_

*Alaina Johnson*

# GEL LABORATORIES LLC

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## Certificate of Analysis

Company : SGS  
 Address : 4036 Youngfield St  
 Wheat Ridge, Colorado 80033  
 Contact: SGS Client Services  
 Project: SGS North America Colorado

Report Date: June 16, 2023

Client Sample ID: DA55942X      Project: ACTLColorado  
 Sample ID: 625122001      Client ID: ACTL001  
 Matrix: Water  
 Collect Date: 05-JUN-23  
 Receive Date: 08-JUN-23  
 Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
<b>Rad Gas Flow Proportional Counting</b>														
<i>GFPC Ra228, Liquid "As Received"</i>														
Radium-228		7.22	+/-1.31	0.943	+/-2.25	3.00	pCi/L			JE1	06/15/23	1140	2441879	1
<b>Rad Radium-226</b>														
<i>Lucas Cell, Ra226, liquid "As Received"</i>														
Radium-226		89.2	+/-3.90	0.339	+/-20.6	1.00	pCi/L			LXP1	06/16/23	0803	2442093	2

**The following Analytical Methods were performed**

Method	Description
1	EPA 904.0/SW846 9320 Modified
2	EPA 903.1 Modified

Surrogate/Tracer Recovery	Test	Batch ID	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC Ra228, Liquid "As Received"	2441879	94.7	(15%-125%)

**Notes:**

The MDC is a sample specific MDC.  
 TPU and Counting Uncertainty are calculated at the 95% confidence level (1.96-sigma).

Column headers are defined as follows:

DF: Dilution Factor	Mtd.: Method
DL: Detection Limit	PF: Prep Factor
Lc/LC: Critical Level	RL: Reporting Limit
MDA: Minimum Detectable Activity	TPU: Total Propagated Uncertainty
MDC: Minimum Detectable Concentration	

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## Certificate of Analysis

Company : SGS North America Inc.  
 Address : 4036 Youngfield St  
 Wheat Ridge, Colorado 80033  
 Contact: Angela Wu  
 Project: SGS North America Colorado

Report Date: June 16, 2023

Client Sample ID: DA55942X      Project: ACTLColorado  
 Sample ID: 625122001      Client ID: ACTL001  
 Matrix: Water  
 Collect Date: 05-JUN-23  
 Receive Date: 08-JUN-23  
 Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
<b>Rad Gas Flow Proportional Counting</b>														
<i>GFPC Ra228, Liquid "As Received"</i>														
Radium-228		7.22	+/-1.31	0.943	+/-2.25	3.00	pCi/L			JE1	06/15/23	1140	2441879	1
<b>Rad Radium-226</b>														
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## Certificate of Analysis

Company : SGS North America Inc.  
 Address : 4036 Youngfield St  
 Wheat Ridge, Colorado 80033  
 Contact: Rebecca Nichols  
 Project: SGS North America Colorado

Report Date: June 16, 2023

Client Sample ID: DA55942X      Project: ACTLColorado  
 Sample ID: 625122001      Client ID: ACTL001  
 Matrix: Water  
 Collect Date: 05-JUN-23  
 Receive Date: 08-JUN-23  
 Collector: Client

Parameter	Qualifier	Result	Uncertainty	MDC	TPU	RL	Units	PF	DF	Analyst	Date	Time	Batch	Mtd.
<b>Rad Gas Flow Proportional Counting</b>														
<i>GFPC Ra228, Liquid "As Received"</i>														
Radium-228		7.22	+/-1.31	0.943	+/-2.25	3.00	pCi/L			JE1	06/15/23	1140	2441879	1
<b>Rad Radium-226</b>														
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Barium-133 Tracer	GFPC Ra228, Liquid "As Received"	2441879	94.7	(15%-125%)

**Notes:**

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## QC Summary

Report Date: June 16, 2023  
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**Client :** SGS  
4036 Youngfield St  
  
Wheat Ridge, Colorado  
**Contact:** SGS Client Services  
**Workorder:** 625122

Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
<b>Rad Gas Flow</b>									
Batch	2441879								
QC1205429486	625122001 DUP								
Radium-228		7.22	8.60	pCi/L	17.4		(0%-20%)	JE1	06/15/2311:40
		Uncert: +/-1.31	+/-1.51						
		TPU: +/-2.25	+/-2.65						
QC1205429487	LCS								
Radium-228	81.8		81.8	pCi/L		100	(75%-125%)	JE1	06/15/2311:40
		Uncert: +/-4.47							
		TPU: +/-21.6							
QC1205429485	MB								
Radium-228			U -1.59	pCi/L				JE1	06/15/2311:40
		Uncert: +/-1.01							
		TPU: +/-1.01							
<b>Rad Ra-226</b>									
Batch	2442093								
QC1205429847	624734001 DUP								
Radium-226		0.789	0.406	pCi/L	64		(0% - 100%)	LXP1	06/16/2308:40
		Uncert: +/-0.481	+/-0.276						
		TPU: +/-0.500	+/-0.289						
QC1205429849	LCS								
Radium-226	25.9		24.9	pCi/L		96.1	(75%-125%)	LXP1	06/16/2308:40
		Uncert: +/-2.18							
		TPU: +/-4.79							
QC1205429846	MB								
Radium-226			U 0.438	pCi/L				LXP1	06/16/2308:40
		Uncert: +/-0.393							
		TPU: +/-0.401							
QC1205429848	624734001 MS								
Radium-226	130	0.789	110	pCi/L		84.1	(75%-125%)	LXP1	06/16/2308:40
		Uncert: +/-0.481	+/-9.76						
		TPU: +/-0.500	+/-26.9						

**Notes:**

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- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported

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## QC Summary

Workorder: 625122

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Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
UI	Gamma Spectroscopy--Uncertain identification									
BD	Results are either below the MDC or tracer recovery is low									
h	Preparation or preservation holding time was exceeded									
R	Sample results are rejected									
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.									
N/A	RPD or %Recovery limits do not apply.									
ND	Analyte concentration is not detected above the detection limit									
M	M if above MDC and less than LLD									
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
FA	Failed analysis.									
UJ	Gamma Spectroscopy--Uncertain identification									
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.									
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.									
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.									
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.									
N1	See case narrative									
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.									
**	Analyte is a Tracer compound									
M	REMP Result > MDC/CL and < RDL									
J	See case narrative for an explanation									

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.

\*\* Indicates analyte is a surrogate/tracer compound.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

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## QC Summary

**Client :** SGS North America Inc.  
4036 Youngfield St

**Report Date:** June 16, 2023  
Page 1 of 2

**Contact:** Wheat Ridge, Colorado

**Workorder:** Angela Wu

**Workorder:** 625122

Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
<b>Rad Gas Flow</b>									
Batch	2441879								
QC1205429486	625122001 DUP								
Radium-228		7.22	8.60	pCi/L	17.4		(0%-20%)	JE1	06/15/2311:40
		Uncert: +/-1.31	+/-1.51						
		TPU: +/-2.25	+/-2.65						
QC1205429487	LCS								
Radium-228	81.8		81.8	pCi/L		100	(75%-125%)	JE1	06/15/2311:40
		Uncert: +/-4.47							
		TPU: +/-21.6							
QC1205429485	MB								
Radium-228			U -1.59	pCi/L				JE1	06/15/2311:40
		Uncert: +/-1.01							
		TPU: +/-1.01							
<b>Rad Ra-226</b>									
Batch	2442093								
QC1205429847	624734001 DUP								
Radium-226		0.789	0.406	pCi/L	64		(0% - 100%)	LXP1	06/16/2308:40
		Uncert: +/-0.481	+/-0.276						
		TPU: +/-0.500	+/-0.289						
QC1205429849	LCS								
Radium-226	25.9		24.9	pCi/L		96.1	(75%-125%)	LXP1	06/16/2308:40
		Uncert: +/-2.18							
		TPU: +/-4.79							
QC1205429846	MB								
Radium-226			U 0.438	pCi/L				LXP1	06/16/2308:40
		Uncert: +/-0.393							
		TPU: +/-0.401							
QC1205429848	624734001 MS								
Radium-226	130	0.789	110	pCi/L		84.1	(75%-125%)	LXP1	06/16/2308:40
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## QC Summary

Workorder: 625122

Page 2 of 2

Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
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ND	Analyte concentration is not detected above the detection limit									
M	M if above MDC and less than LLD									
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier									
FA	Failed analysis.									
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Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.									
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.									
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N1	See case narrative									
Y	Other specific qualifiers were required to properly define the results. Consult case narrative.									
**	Analyte is a Tracer compound									
M	REMP Result > MDC/CL and < RDL									
J	See case narrative for an explanation									

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.

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## QC Summary

**Client :** SGS North America Inc.  
4036 Youngfield St

**Report Date: June 16, 2023**  
**Page 1 of 2**

**Contact:** Wheat Ridge, Colorado

**Rebecca Nichols**

**Workorder:** 625122

Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
<b>Rad Gas Flow</b>									
Batch	2441879								
QC1205429486	625122001 DUP								
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## QC Summary

Workorder: 625122

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Parmname	NOM	Sample Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
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**Radiochemistry**  
**Technical Case Narrative**  
**SGS North America Inc.**  
**SDG #: DA55942X**  
**Work Order #: 625122**

**Product: GFPC Ra228, Liquid**

**Analytical Method:** EPA 904.0/SW846 9320 Modified

**Analytical Procedure:** GL-RAD-A-063 REV# 5

**Analytical Batch:** 2441879

The following samples were analyzed using the above methods and analytical procedure(s).

<b><u>GEL Sample ID#</u></b>	<b><u>Client Sample Identification</u></b>
625122001	DA55942X
1205429485	Method Blank (MB)
1205429486	625122001(DA55942X) Sample Duplicate (DUP)
1205429487	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

**Data Summary:**

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

**Preparation Information**

**Homogenous Matrix**

Samples were non-homogenous matrix. Particles

**Product: Lucas Cell, Ra226, liquid**

**Analytical Method:** EPA 903.1 Modified

**Analytical Procedure:** GL-RAD-A-008 REV# 15

**Analytical Batch:** 2442093

The following samples were analyzed using the above methods and analytical procedure(s).

<b><u>GEL Sample ID#</u></b>	<b><u>Client Sample Identification</u></b>
625122001	DA55942X
1205429846	Method Blank (MB)
1205429847	624734001(NonSDG) Sample Duplicate (DUP)
1205429848	624734001(NonSDG) Matrix Spike (MS)
1205429849	Laboratory Control Sample (LCS)

The samples in this SDG were analyzed on an "as received" basis.

**Data Summary:**

There are no exceptions, anomalies or deviations from the specified methods. All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable.

**Certification Statement**

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.



**CHAIN OF CUSTODY**  
 SGS North America Inc. - Wheat Ridge  
 4036 Youngfield Street, Wheat Ridge, CO 80033  
 TEL: 303-425-6021 FAX: 303-425-6854  
 www.sgs.com/ehsususa

626122

**Client / Reporting Information**

Company Name:  
 SGS North America Inc.

Project Name:

Street Address:  
 DA55942X

Send Report and Invoice to: Angela.Wu2@sgs.com;  
 EHS.WheatRidge.ClientServices@sgs.com

**Project Information**

Project Name:

DA55942X

Billing Information (if different from Report to)

Company Name

Street Address

City

State

Zip

Phone

Project Manager

Attention:

RA-226 RA-228

X

Number of reserved Bottles

ENCORE

MEOH

DI Water

NONE

H2SO4

HNO3

NaOH

HCl

Sampled by

Matrix

# of bottles

JB

AQ

Collection

Time

Date

8:50:00 AM

6/5/23

Field ID / Point of Collection  
 DA55942X

Turnaround Time (Business days)

Approved By (SGS PM) / Date:

Standard 10 Day (business)

5 Business Days RUSH

3 Business Days RUSH

2 Business Days RUSH

1 Business Day EMERGENCY

other RUSH

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Received By: 1

Date Time: 6/7/23

Relinquished By: 3

Date Time: 6/8/23 9:15

Relinquished by: 5

Date Time: 6/18/23 9:15

Received By: 1

Date Time: 6/18/23 9:15

Relinquished By: 3

Date Time: 6/18/23 9:15

Relinquished by: 5

Date Time: 6/18/23 9:15

Relinquished By: 2

Date Time: 6/18/23 9:15

Relinquished By: 4

Date Time: 6/18/23 9:15

Relinquished By: 2

Date Time: 6/18/23 9:15

Relinquished By: 4

Date Time: 6/18/23 9:15

Relinquished By: 2

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Date Time: 6/18/23 9:15

Relinquished By: 2

Date Time: 6/18/23 9:15

Relinquished By: 4

Date Time: 6/18/23 9:15

Relinquished By: 2

Date Time: 6/18/23 9:15

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water  
 GW - Ground Water  
 WW - Water  
 SW - Surface Water  
 SL - Sludge  
 SED - Sediment  
 LIQ - Other Liquid  
 AIR - Air  
 SOL - Other Solid  
 WP - Wipe  
 FB-Field Blank  
 EB-Equipment Blank  
 RB-Rinse Blank  
 TB-Trip Blank

LAB USE ONLY

Comments / Special Instructions

Data Deliverable Information

Commercial "A" (Level 1)

State Forms

Commercial "B" (Level 2)

EDD Format

REDT1 (Level 3)

Other

FULT1 (Level 4)

Commercial "C"

Commercial "A" = Results Only

Commercial "B" = Results + QC Summary

Commercial "C" = Results + QC Summary + Partial Raw data

Sample Custody must be documented below each time samples change possession, including courier delivery.

Received By: 1

Date Time: 6/7/23

Relinquished By: 3

Date Time: 6/8/23 9:15

Relinquished by: 5

Date Time: 6/18/23 9:15

Relinquished By: 1

Date Time: 6/18/23 9:15

Relinquished By: 2

Date Time: 6/18/23 9:15

Relinquished By: 4

Date Time: 6/18/23 9:15

Relinquished By: 2

Date Time: 6/18/23 9:15

Received By: 2

Date Time: 6/18/23 9:15

Received By: 4

Date Time: 6/18/23 9:15

Received By: 2

Date Time: 6/18/23 9:15

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Date Time: 6/18/23 9:15

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Date Time: 6/18/23 9:15

Received By: 2

Date Time: 6/18/23 9:15

Received By: 4

Date Time: 6/18/23 9:15

Received By: 2



**List of current GEL Certifications as of 16 June 2023**

<b>State</b>	<b>Certification</b>
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-0651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-15-00283, P330-15-00253
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	90129
Kentucky Wastewater	90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2019020
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approv	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	SC000122023-4
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2022-160
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of L	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235-22-20
Utah NELAP	SC000122022-37
Vermont	VT87156
Virginia NELAP	460202
Washington	C780

## Misc. Forms

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### Custody Documents and Other Forms

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Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.acctest.com

Bottle Order Control #
FED-EX Tracking #
SGS Quote #
SGS Job # DA55942

Client / Reporting Information
Project Information
Requested Analysis (see TEST CODE sheet)
Matrix Codes
Collection
Data Deliverable Information
Comments / Special Instructions
Sample Custody must be documented below each time samples change possession, including courier delivery.

31
3

DA55942X: Chain of Custody

Page 1 of 3



## SGS Sample Receipt Summary

Job Number: DA55942

Client: ABSAROKA

Project: GWA

Date / Time Received: 6/6/2023 3:00:00 PM

Delivery Method: CO

Airbill #s:

Cooler Temps (Initial/Adjusted): #1: (2.5/2.5):

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                       |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smpl Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Cooler Temperature**

Y or N

- |                            |                                     |                          |
|----------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Thermometer ID:         | IR Gun;                             |                          |
| 3. Cooler media:           | Ice (Bag)                           |                          |
| 4. No. Coolers:            | 1                                   |                          |

**Quality Control Preservation**

Y or N    N/A

- |                                 |                                     |                          |                          |
|---------------------------------|-------------------------------------|--------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC:    | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                          |
| 4. VOCs headspace free:         | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Documentation**

Y or N

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Condition**

Y or N

- |                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:          | Intact                              |                          |

**Sample Integrity - Instructions**

Y or N    N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Comments

DA55942X: Chain of Custody

Page 2 of 3

## Problem Resolution

Page 2 of 2

Job Number: DA55942

CSR: \_\_\_\_\_

Response Date: \_\_\_\_\_

Response:

3.1  
3

**DA55942X: Chain of Custody**  
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