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Automated Report

Technical Report for

Occidental Petroleum Corporation

Kerr-McGee: GWA_Lizzy_8_36HZ

FID. 753511 - REG. VOL - Feq. 2SUB

SGS Job Number: DA78263

Sampling Date: 12/22/25

Report to:

Absaroka Solutions
112 High Street
Buffalo, WY 82834
nam.ehs.table915@sgs.com

ATTN: Joel Mason

Total number of pages in report: 85



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 unless noted in the narrative, comments or footnotes.

Eric Hoffman

Client Service contact: terri.mculty-patterson@sgs.com 303-425-6021
Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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March 4, 2026

Joel Mason
Absaroka Solutions
112 High Street
Buffalo, WY 82834

Subject: Report Reissue for SGS Job: DA78263

Dear Mr. Mason,

This reissue includes the addition of QC summaries, requested by the client.

Please accept our apologies for any inconvenience this may have caused you.

Any questions or concerns should be directed to the undersigned at 303-392-4869.

Sincerely,

A handwritten signature in black ink that reads 'Cristina Niclas'. The signature is written in a cursive style and is positioned above a light gray rectangular stamp.

Cristina Niclas
Project Manager II

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Sample Summary

Occidental Petroleum Corporation

Job No: DA78263

Kerr-McGee: GWA_Lizzy_8_36HZ

Project No: FID. 753511 - REG. VOL - Feq. 2SUB

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
---------------	----------------	---------	----------	-------------	------	------------------

This report contains results reported as ND = Not detected. The following applies:
 Organics ND = Not detected above the MDL

DA78263-1	12/22/25	11:37	AI	12/22/25	AQ	Ground Water	BW_TRIPLE_292490 SESE_36_1N_68W
DA78263-1A	12/22/25	11:37	AI	12/22/25	AQ	Ground Water	BW_TRIPLE_292490 SESE_36_1N_68W
DA78263-1B	12/22/25	11:37	AI	12/22/25	AQ	Ground Water	BW_TRIPLE_292490 SESE_36_1N_68W
DA78263-1F	12/22/25	11:37	AI	12/22/25	AQ	Groundwater Filtered	BW_TRIPLE_292490 SESE_36_1N_68W

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Occidental Petroleum Corporation

Job No: DA78263

Site: Kerr-McGee: GWA_Lizzy_8_36HZ

Report Date 1/20/2026 8:06:00 AM

On 12/22/2025, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blanks and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 4 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA78263 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ	Batch ID: V6V3141
-------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- Sample(s) DA78201-7MS, DA78201-7MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

GC Volatiles By Method RSK-175

Matrix: AQ	Batch ID: N:GAA3437
-------------------	----------------------------

- The data for RSK-175 meets quality control requirements.
- DA78263-1A: Analysis performed at SGS Dayton, NJ.
- DA78263-1A for Propane: This compound in blank spike is outside in house QC lims bias low.

GC Volatiles By Method SW846 8015C

Matrix: AQ	Batch ID: L:GLA4699
-------------------	----------------------------

- The data for SW846 8015C meets quality control requirements.
- DA78263-1: Analysis performed at SGS Scott, LA.

GC/LC Semi-volatiles By Method NWTPH-DX

Matrix: AQ	Batch ID: OP29660
-------------------	--------------------------

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Metals Analysis By Method EPA 200.7

Matrix: AQ	Batch ID: MP45236
-------------------	--------------------------

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78261-1MS, DA78261-1MSD were used as the QC samples for the metals analysis.

Metals Analysis By Method EPA 200.8

Matrix: AQ **Batch ID:** MP45216

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78191-1FMS, DA78191-1FMSD were used as the QC samples for the metals analysis.
- The matrix spike duplicate (MSD) recovery(s) of Iron, Manganese are outside control limits. Probable cause due to matrix interference.
- The RPD(s) for the MS and MSD recoveries of Iron, Magnesium, Manganese, Strontium are outside control limits for sample MP45216-MSD. RPD acceptable due to low duplicate and sample concentrations.
- MP45216-MS for Boron: Spike recovery indicates possible matrix interference.

Metals Analysis By Method EPA 245.1

Matrix: AQ **Batch ID:** MP45204

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78263-1MS, DA78263-1MSD were used as the QC samples for the metals analysis.

General Chemistry By Method EPA 1664A

Matrix: AQ **Batch ID:** N:GP66806

- The data for EPA 1664A meets quality control requirements.
- DA78263-1 for HEM Petroleum Hydrocarbons: Analysis performed at SGS Dayton, NJ.

General Chemistry By Method EPA 300.0

Matrix: AQ **Batch ID:** GP40322

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78261-1MS, DA78261-1MSD were used as the QC samples for the Bromide, Chloride, Fluoride, Nitrogen, Nitrate, Nitrogen, Nitrite, Sulfate, Bromide analysis.

Matrix: AQ **Batch ID:** R86818

- The data for EPA 300.0 meets quality control requirements.
- DA78263-1 for Nitrogen, Nitrate + Nitrite: Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

General Chemistry By Method EPA 365.1

Matrix: AQ **Batch ID:** GP40391

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78263-1DUP, DA78263-1MS were used as the QC samples for the Phosphorus, Total analysis.

General Chemistry By Method SM 2540C-2020 & 2011

Matrix: AQ **Batch ID:** GN71606

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78280-5DUP were used as the QC samples for the Solids, Total Dissolved analysis.

General Chemistry By Method SM 4500 S2 H-2011

Matrix: AQ **Batch ID:** GN71739

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78261-1DUP were used as the QC samples for the Hydrogen Sulfide analysis.
- The blank spike (BS) recovery(s) of Hydrogen Sulfide are outside control limits.
- The duplicate RPD(s) for Hydrogen Sulfide are outside control limits for sample GN71739-DUP. RPD acceptable due to low duplicate and sample concentrations.

General Chemistry By Method SM1030E-2011

Matrix: AQ **Batch ID:** GN71805

- The data for SM1030E-2011 meets quality control requirements.

General Chemistry By Method SM4500HB+-2011/9040C

Matrix: AQ **Batch ID:** GN71608

- Sample(s) DA78261-1DUP were used as the QC samples for the pH analysis.
- The following samples were run outside of holding time for method SM4500HB+-2011/9040C: DA78263-1 Analysis performed past the required 15 minutes from collection time/holding time.

General Chemistry By Method SM5310 B-11

Matrix: AQ **Batch ID:** N:GP66754

- The data for SM5310 B-11 meets quality control requirements.
- DA78263-1F for Dissolved Organic Carbon: Analysis performed at SGS Dayton, NJ.

Field Data By Method FIELD

Matrix: AQ **Batch ID:** R86809

- The data for FIELD meets quality control requirements.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: SGS Wheat Ridge, CO

Job No: DA78263

Site: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Report Date 1/9/2026 3:59:20 PM

On 12/22/2025, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 2.8 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA78263 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

GC Volatiles By Method SW846 8015C

Matrix: AQ

Batch ID: GLA4699

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78313-1MS, DA78313-1MSD were used as the QC samples indicated.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

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Friday, January 9, 2026

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CASE NARRATIVE / CONFORMANCE SUMMARY

Client: SGS Wheat Ridge, CO

Job No: DA78263

Site: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Report Date 1/8/2026 10:43:59 AM

On 12/29/2025, 1 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 3.9 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA78263 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

GC Volatiles By Method RSK-175

Matrix: AQ

Batch ID: GAA3437

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA78263-1ADUP were used as the QC samples indicated.
- LCS Recovery(s) for Propane are outside control limits.
- DA78263-1A for Propane: This compound in blank spike is outside in house QC limits bias low.
- GAA3437-LCS for Propane: Outside in house control limits.

General Chemistry By Method EPA 1664A

Matrix: AQ

Batch ID: GP66806

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE25930-1DUP, JE26318-1MS were used as the QC samples for the HEM Petroleum Hydrocarbons analysis.

General Chemistry By Method SM5310 B-11

Matrix: AQ

Batch ID: GP66754

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE26129-1FMS, JE26129-1FMSD were used as the QC samples for the Dissolved Organic Carbon analysis.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

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Thursday, January 8, 2026

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Summary of Hits

Job Number: DA78263
Account: Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ
Collected: 12/22/25



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA78263-1 BW_TRIPLE_292490 SESE_36_1N_68W

Uranium	0.0983	0.050			mg/l	EPA 200.7
Fluoride	2.8	1.0			mg/l	EPA 300.0
Chloride	373	50			mg/l	EPA 300.0
Bromide	1.0	0.50			mg/l	EPA 300.0
Nitrogen, Nitrate	4.5	1.0			mg/l	EPA 300.0
Sulfate	1350	50			mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite ^a	4.5	1.0			mg/l	EPA 300.0
Alkalinity, Bicarbonate as CaCO3	443	5.0			mg/l	SM 2320B-2011
Alkalinity, Total as CaCO3	443	5.0			mg/l	SM 2320B-2011
Cation Anion Balance	0.28				%	SM1030E-2011
Solids, Total Dissolved	2640	10			mg/l	SM 2540C-2020 & 2011
Specific Conductivity	3710	1.0			umhos/cm	SM 2510B-2011
pH ^b	7.26				su	SM4500HB+ -2011/9040C
Specific Conductivity (Field)	3850.4	0.50			umhos/cm	FIELD
Turbidity	0.02				NTU	FIELD
pH (Field)	7.34				su	FIELD
Temperature (Field)	11.1				Deg. C	FIELD
Oxygen, Dissolved (Field)	3.54				mg/l	FIELD
Redox Potential Vs H2	99.5				mv	FIELD

DA78263-1A BW_TRIPLE_292490 SESE_36_1N_68W

No hits reported in this sample.

DA78263-1B BW_TRIPLE_292490 SESE_36_1N_68W

Iron-Related Bacteria ^c	150	25			CFU/ml	HACH IRB-BART-NOCERT
Slime Forming Bacteria ^c	67000	500			CFU/ml	HC SLYM-BART-NO CERT
Sulfate Reducing Bacteria ^c	< 200	200			CFU/ml	HC SRB-BART-NO CERT

DA78263-1F BW_TRIPLE_292490 SESE_36_1N_68W

Barium	0.0145	0.0020			mg/l	EPA 200.8
Boron	0.883	0.040			mg/l	EPA 200.8
Calcium	239	4.0			mg/l	EPA 200.8
Magnesium	154	1.0			mg/l	EPA 200.8
Manganese	0.0018	0.0010			mg/l	EPA 200.8
Potassium	3.40	0.20			mg/l	EPA 200.8
Selenium	0.0243	0.00040			mg/l	EPA 200.8
Sodium	529	13			mg/l	EPA 200.8
Strontium	5.58	0.20			mg/l	EPA 200.8
Dissolved Organic Carbon ^d	3.5	1.0			mg/l	SM5310 B-11

Summary of Hits

Job Number: DA78263
Account: Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ
Collected: 12/22/25



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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- (a) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)
- (b) Analysis performed past the required 15 minutes from collection time/holding time.
- (c) Certification for this test is not offered.
- (d) Analysis performed at SGS Dayton, NJ.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W	Date Sampled: 12/22/25
Lab Sample ID: DA78263-1	Date Received: 12/22/25
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260D	
Project: Kerr-McGee: GWA_Lizzy_8_36HZ	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V67535.D	1	12/23/25 19:16	MB	n/a	n/a	V6V3141
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00050	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00060	mg/l	
1330-20-7	Xylene (total)	ND	0.0010	0.0010	mg/l	
	m,p-Xylene	ND	0.0010	0.00096	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	97%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W	Date Sampled: 12/22/25
Lab Sample ID: DA78263-1	Date Received: 12/22/25
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8015C	
Project: Kerr-McGee: GWA_Lizzy_8_36HZ	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	LA449284.D	1	01/02/26 17:28	ALA	n/a	n/a	L:GLA4699
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.065	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
460-00-4	4-Bromofluorobenzene	107%		72-123%		
540-36-3	1,4-Difluorobenzene	105%		76-126%		

(a) Analysis performed at SGS Scott, LA.

ND = Not detected	MDL = Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

4.1
4

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W	Date Sampled: 12/22/25
Lab Sample ID: DA78263-1	Date Received: 12/22/25
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8015C SW846 3511	
Project: Kerr-McGee: GWA_Lizzy_8_36HZ	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW51647.D	1	12/29/25 17:15	JB	12/29/25 10:30	OP29660	GLW1221
Run #2							

	Initial Volume	Final Volume
Run #1	56.2 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.18	0.12	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	96%		44-134%		

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.1
4

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W Lab Sample ID: DA78263-1 Matrix: AQ - Ground Water Project: Kerr-McGee: GWA_Lizzy_8_36HZ	Date Sampled: 12/22/25 Date Received: 12/22/25 Percent Solids: n/a
---	---

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	< 0.025	0.025	mg/l	1	12/30/25	01/15/26 CDL	EPA 200.7 ³	EPA 200.7 ⁵
Chromium	< 0.010	0.010	mg/l	1	12/30/25	01/02/26 BR	EPA 200.7 ²	EPA 200.7 ⁵
Copper	< 0.010	0.010	mg/l	1	12/30/25	01/02/26 BR	EPA 200.7 ²	EPA 200.7 ⁵
Lead	< 0.050	0.050	mg/l	1	12/30/25	01/02/26 BR	EPA 200.7 ²	EPA 200.7 ⁵
Mercury	< 0.00010	0.00010	mg/l	1	12/23/25	12/29/25 CDL	EPA 245.1 ¹	EPA 245.1 ⁴
Uranium	0.0983	0.050	mg/l	1	12/30/25	01/15/26 CDL	EPA 200.7 ³	EPA 200.7 ⁵

- (1) Instrument QC Batch: MA20037
- (2) Instrument QC Batch: MA20040
- (3) Instrument QC Batch: MA20095
- (4) Prep QC Batch: MP45204
- (5) Prep QC Batch: MP45236

RL = Reporting Limit

4.1
4

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W		Date Sampled: 12/22/25
Lab Sample ID: DA78263-1		Date Received: 12/22/25
Matrix: AQ - Ground Water		Percent Solids: n/a
Project: Kerr-McGee: GWA_Lizzy_8_36HZ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	2.8	1.0	mg/l	10	12/23/25 17:43	PH	EPA 300.0
Chloride	373	50	mg/l	100	12/23/25 13:30	PH	EPA 300.0
Nitrogen, Nitrite	< 0.040	0.040	mg/l	10	12/23/25 17:43	PH	EPA 300.0
Bromide	1.0	0.50	mg/l	10	12/23/25 17:43	PH	EPA 300.0
Nitrogen, Nitrate	4.5	1.0	mg/l	100	12/23/25 13:30	PH	EPA 300.0
Sulfate	1350	50	mg/l	100	12/23/25 13:30	PH	EPA 300.0
300.0 NO2 + NO3O							
Nitrogen, Nitrate + Nitrite ^a	4.5	1.0	mg/l	1	12/23/25 17:43	PH	EPA 300.0
Alkalinity, Bicarbonate as CaC	443	5.0	mg/l	1	12/29/25 10:00	JB	SM 2320B-2011
Alkalinity, Carbonate	< 5.0	5.0	mg/l	1	12/29/25 10:00	JB	SM 2320B-2011
Alkalinity, Total as CaCO3	443	5.0	mg/l	1	12/29/25 10:00	JB	SM 2320B-2011
Cation Anion Balance	0.28		%	1	01/08/26	MB	SM1030E-2011
HEM Petroleum Hydrocarbo ^b	< 5.0	5.0	mg/l	1	01/05/26 20:00	ANJ	EPA 1664A
Hydrogen Sulfide	< 0.50	0.50	mg/l	1	12/29/25	SM	SM 4500 S2 H-2011
Phosphorus, Total	< 0.010	0.010	mg/l	1	01/06/26 17:44	TH	EPA 365.1
Solids, Total Dissolved	2640	10	mg/l	1	12/24/25 14:00	SN	SM 2540C-2020 & 2011
Specific Conductivity	3710	1.0	umhos/cm	1	12/24/25 12:36	SG	SM 2510B-2011
pH ^c	7.26		su	1	12/24/25 12:36	SG	SM4500HB+ -2011/9040C

Field Parameters

Oxygen, Dissolved (Field)	3.54		mg/l	1	12/22/25 11:37	SUB	FIELD
Redox Potential Vs H2	99.5		mv	1	12/22/25 11:37	SUB	FIELD
Specific Conductivity (Field)	3850.4	0.50	umhos/cm	1	12/22/25 11:37	SUB	FIELD
Temperature (Field)	11.1		Deg. C	1	12/22/25 11:37	SUB	FIELD
Turbidity	0.02		NTU	1	12/22/25 11:37	SUB	FIELD
pH (Field)	7.34		su	1	12/22/25 11:37	SUB	FIELD

(a) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

(b) Analysis performed at SGS Dayton, NJ.

(c) Analysis performed past the required 15 minutes from collection time/holding time.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W	Date Sampled: 12/22/25
Lab Sample ID: DA78263-1A	Date Received: 12/22/25
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: RSK-175	
Project: Kerr-McGee: GWA_Lizzy_8_36HZ	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	AA119425.D	1	01/05/26 11:28	ANJ	n/a	n/a	N:GAA3437
Run #2							

Methane, Ethane, Propane by RSK-175

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.00011	0.000030	mg/l	
74-84-0	Ethane	ND	0.00023	0.000090	mg/l	
74-98-6	Propane ^b	ND	0.00033	0.00011	mg/l	

(a) Analysis performed at SGS Dayton, NJ.

(b) This compound in blank spike is outside in house QC lims bias low.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

4.2
4

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W Lab Sample ID: DA78263-1B Matrix: AQ - Ground Water Project: Kerr-McGee: GWA_Lizzy_8_36HZ	Date Sampled: 12/22/25 Date Received: 12/22/25 Percent Solids: n/a
--	---

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Not certifiable							
Iron-Related Bacteria ^a	150	25	CFU/ml	1	01/05/26 09:00	JW	HACH IRB-BART-NOCERT
Slime Forming Bacteria ^a	67000	500	CFU/ml	1	01/05/26 09:00	JW	HC SLYM-BART-NO CERT
Sulfate Reducing Bacteria ^a	< 200	200	CFU/ml	1	01/05/26 09:00	JW	HC SRB-BART-NO CERT

(a) Certification for this test is not offered.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W Lab Sample ID: DA78263-1F Matrix: AQ - Groundwater Filtered Project: Kerr-McGee: GWA_Lizzy_8_36HZ	Date Sampled: 12/22/25 Date Received: 12/22/25 Percent Solids: n/a
--	---

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	0.0145	0.0020	mg/l	1	12/26/25	01/07/26 CDL	EPA 200.8 ²	EPA 200.8 ⁴
Boron	0.883	0.040	mg/l	1	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴
Calcium	239	4.0	mg/l	10	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴
Iron	< 0.020	0.020	mg/l	1	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴
Magnesium	154	1.0	mg/l	10	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴
Manganese	0.0018	0.0010	mg/l	1	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴
Potassium	3.40	0.20	mg/l	1	12/26/25	01/07/26 CDL	EPA 200.8 ²	EPA 200.8 ⁴
Selenium	0.0243	0.00040	mg/l	1	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴
Sodium	529	13	mg/l	25	12/26/25	01/08/26 CDL	EPA 200.8 ³	EPA 200.8 ⁴
Strontium	5.58	0.20	mg/l	10	12/26/25	01/05/26 GS	EPA 200.8 ¹	EPA 200.8 ⁴

- (1) Instrument QC Batch: MA20044
- (2) Instrument QC Batch: MA20053
- (3) Instrument QC Batch: MA20060
- (4) Prep QC Batch: MP45216

RL = Reporting Limit

4.4
4

Report of Analysis

Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68W	Date Sampled: 12/22/25
Lab Sample ID: DA78263-1F	Date Received: 12/22/25
Matrix: AQ - Groundwater Filtered	Percent Solids: n/a
Project: Kerr-McGee: GWA_Lizzy_8_36HZ	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Dissolved Organic Carbon ^a	3.5	1.0	mg/l	1	01/03/26 02:07	ANJ	SM5310 B-11

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

4.4
4

Subcontract Lab Data

Report of Analysis



ANALYTICAL SUMMARY REPORT

January 28, 2026

SGS North America
4036 Youngfield St
Wheat Ridge, CO 80033-3862

Work Order: C25120885 Quote ID: C16032
Project Name: DA78263X, Kerr-McGee: GWA_Lizzy_8_36HZ

Energy Laboratories, Inc. Casper WY received the following 1 sample for SGS North America on 12/31/2025 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C25120885-001	BW_TRIPLE_292490 SESE_36_1N_68	12/22/25 11:37	12/31/25	Aqueous	Radium 226 + Radium 228, Total Radium 226, Total Radium 228, Total

The analyses presented in this report were performed by Energy Laboratories, Inc., 2393 Salt Creek Hwy, Casper, WY 82601-9601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: SGS North America
Project: DA78263X, Kerr-McGee: GWA_Lizzy_8_36HZ
Lab ID: C25120885-001
Client Sample ID: BW_TRIPLE_292490 SESE_36_1N_68

Report Date: 01/28/26
Collection Date: 12/22/25 11:37
Date Received: 12/31/25
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
RADIONUCLIDES, TOTAL							
Radium 226	0.07	pCi/L	U		E903.0		01/14/26 10:28 / dmr
Radium 226 precision (±)	0.09	pCi/L			E903.0		01/14/26 10:28 / dmr
Radium 226 MDC	0.1	pCi/L			E903.0		01/14/26 10:28 / dmr
Radium 228	0.6	pCi/L	U		RA-05		01/08/26 15:21 / jls1
Radium 228 precision (±)	0.6	pCi/L			RA-05		01/08/26 15:21 / jls1
Radium 228 MDC	1.0	pCi/L			RA-05		01/08/26 15:21 / jls1
Radium 226 + Radium 228	0.6	pCi/L	U		A7500-RA		01/14/26 15:20 / dmf
Radium 226 + Radium 228 precision (±)	0.6	pCi/L			A7500-RA		01/14/26 15:20 / dmf
Radium 226 + Radium 228 MDC	1.0	pCi/L			A7500-RA		01/14/26 15:20 / dmf

Report Definitions:
RL - Analyte Reporting Limit
QCL - Quality Control Limit
U - Not detected

MCL - Maximum Contaminant Level
ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: C25120885

Report Date: 01/16/26

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E903.0								Batch: RA226-11953R		
Lab ID: LCS-RA226-11953	3	Laboratory Control Sample								
Radium 226		7.4	pCi/L		74	70	130			01/14/26 10:28
Radium 226 precision (±)		1.4	pCi/L							
Radium 226 MDC		0.20	pCi/L							
Lab ID: MB-RA226-11953	3	Method Blank								
Radium 226		-0.003	pCi/L							01/14/26 10:28 U
Radium 226 precision (±)		0.1	pCi/L							
Radium 226 MDC		0.2	pCi/L							
Lab ID: C25120832-001ADUP	3	Sample Duplicate								
Radium 226		0.64	pCi/L					6.1	30	01/14/26 10:28
Radium 226 precision (±)		0.22	pCi/L							
Radium 226 MDC		0.26	pCi/L							
- The RER result is 0.12.										



Qualifiers:

RL - Analyte Reporting Limit
U - Not detected

ND - Not detected at the Reporting Limit (RL)



QA/QC Summary Report

Prepared by Casper, WY Branch

Work Order: C25120885

Report Date: 01/16/26

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: RA-05								Batch: RA228-7870		
Lab ID: LCS-228-RA226-11953	3	Laboratory Control Sample								
Radium 228		8.9	pCi/L		103	70	130			01/08/26 15:21
Radium 228 precision (±)		2.8	pCi/L							
Radium 228 MDC		1.3	pCi/L							
Lab ID: MB-RA226-11953	3	Method Blank								
Radium 228		0.8	pCi/L							01/08/26 15:21 U
Radium 228 precision (±)		0.8	pCi/L							
Radium 228 MDC		1	pCi/L							
Lab ID: C25120832-001ADUP	3	Sample Duplicate								
Radium 228		1.8	pCi/L					4.5	30	01/08/26 15:21
Radium 228 precision (±)		1.1	pCi/L							
Radium 228 MDC		1.6	pCi/L							
- The RER result is 0.05.										



Qualifiers:

RL - Analyte Reporting Limit
U - Not detected

ND - Not detected at the Reporting Limit (RL)



Work Order Receipt Checklist

SGS North America

C25120885

Login completed by: Lorie D. Snider

Date Received: 12/31/2025

Reviewed by: cjohnson

Received by: LDS

Reviewed Date: 1/5/2026

Carrier name: FedEx NDA

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	13.0°C No Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.


Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

None

Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com website:

	Agency	Number
Billings, MT  	Alaska	17-023
	California	3087
	Colorado	MT00005
	Department of Defense (DoD)/ISO17025	ADE-2588
	Florida (Primary NELAP)	E87668
	Idaho	MT00005
	Louisiana	05079
	Montana	CERT0044
	Nebraska	NE-OS-13-04
	Nevada	NV-C24-00250
	North Dakota	R-007
	National Radon Proficiency	109383-RMP
	Oregon	4184
	South Dakota	ARSD 74:04:07
	Texas	TX-C24-00302
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00170
Washington	C1039	
Casper, WY 	Alaska	20-006
	California	3021
	Colorado	WY00002
	Florida (Primary NELAP)	E87641
	Idaho	WY00002
	Louisiana	05083
	Montana	CERT0002
	Nebraska	NE-OS-08-04
	Nevada	NV-C24-00245
	North Dakota	R-125
	Oregon	WY200001
	South Dakota	WY00002
	Texas	T104704181-23-21
	US EPA Region VIII	WY00002
	USNRC License	49-26846-01
	Washington	C1012
	Gillette, WY	US EPA Region VIII
Helena, MT	Colorado	MT00945
	Montana	CERT0079
	Nevada	NV-C24-00119
	US EPA Region VIII	Reciprocal
	USDA Soil Permit	P330-20-00090

5



CHAIN OF CUSTODY

SGS North America Inc. - Wheat Ridge
 4036 Youngfield Street, Wheat Ridge, CO 80033
 TEL: 303-425-6021 FAX: 303-425-6864
www.sgs.com/ehsusa

Client / Reporting Information Company Name: SGS North America Inc. Street Address: 4036 Youngfield Street City: Wheat Ridge, CO 80033 Project Contact: nicolas.rodriguez@sgs.com Phone #: 303-425-6021 Sampler(s) Name(s): AI		Project Information Project Name: Kerr-McGee: GWA_Lizzy_8_36HZ Billing Information (if different from Report to): Company Name: Street Address: City: State Zip Attention: Client Purchase Order #: PO 862399 Project Manager: Date: 12/22/25 Time: 11:37:00 a. m. Matrix # of bottles: AI AQ Number of preserved bottles: HCl NaOH HNO3 H2SO4 NCHN DI Water MEOH ENCORE		Requested Analysis (see TEST CODE sheet) Matrix Codes: DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment LIQ - Other Liquid OI - Oil ALP - Air SOL - Other Solid W/P - Wipes FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank LAB USE ONLY C29120885	
Turnaround Time (Business days) Approved By (SGS PM) / Date: <input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input checked="" type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other 2/2/2026 Emergency & Rush T/A data available via LabLink Approval needed for RUSH/Emergency TAT		Data Deliverable Information <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> REDT1 (Level 3) <input type="checkbox"/> FULLT1 (Level 4) <input type="checkbox"/> Commercial "C" <input checked="" type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other <input checked="" type="checkbox"/> C/C Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data		Comments / Special Instructions	
Relinquished by Sampler: 1 Date Time: 12-31-25 10:15		Relinquished By: 2 Date Time:		Received By: 2 Date Time:	
Relinquished by Sampler: 3 Date Time:		Relinquished By: 4 Date Time:		Received By: 4 Date Time:	
Relinquished by: 5 Date Time:		Relinquished By: 5 Date Time:		Received By: 5 Date Time:	



Misc. Forms

Custody Documents and Other Forms

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.accutest.com

Form containing Client/Reporting Information, Project Information, Requested Analysis (see TEST CODE sheet), Matrix Codes, and Turnaround Time (Business days). Includes fields for Company, Project Name, Frequency, Street, Regulation, Voluntary, Billing Information, Facility ID, Company, Street Address, Project Contact, Phone, Client Purchase Order #, City, State ZIP, Sampler(s) Name(s), Project Manager, Attention, User ID, and various analysis codes like PH, SCON, TDS, XCARBICALK, CABAL, etc.

Table with columns: Field ID / Point of Collection, Date, Time, Sampled by, Matrix, # of bottles, and various chemical analysis results (NONE, HCl, NaOH, HNO3, H2SO4, DI Water, MCH, ENCORE, NaPS/DCA, Other). Includes handwritten data for BW_Triple_292490 and SESE_36_1N_68W.

Form for Turnaround Time (Business days) and Data Deliverable Information. Includes checkboxes for Std. 10 Business Days, 5 Day RUSH, 3 Day Emergency, 2 Day Emergency, 1 Day Emergency, and various report options like Commercial "A", "B", COMMBN, COMMBN+, REDT2, and FULT1.

Form for Sample Custody and Relinquishment. Includes fields for Relinquished by, Date/Time, Received by, Date/Time, Relinquished by, Date/Time, Received by, and Custody Seal status.

DA78263: Chain of Custody

Page 1 of 2

6.1 6



MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78263
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3141-MB	6V67525.D	1	12/23/25	MB	n/a	n/a	V6V3141

The QC reported here applies to the following samples:

Method: SW846 8260D

DA78263-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	1.0	0.96	ug/l	
95-47-6	o-Xylene	ND	1.0	0.60	ug/l	
1330-20-7	Xylene (total)	ND	1.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

7.1.1
7

Blank Spike Summary

Job Number: DA78263
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3141-BS	6V67523.D	1	12/23/25	MB	n/a	n/a	V6V3141

The QC reported here applies to the following samples:

Method: SW846 8260D

DA78263-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	52.3	105	70-130
100-41-4	Ethylbenzene	50	54.4	109	70-130
108-88-3	Toluene	50	52.2	104	70-130
	m,p-Xylene	100	110	110	70-130
95-47-6	o-Xylene	50	56.7	113	70-130
1330-20-7	Xylene (total)	150	167	111	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%

* = Outside of Control Limits.

7.2.1
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78263
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78201-7MS	6V67526.D	1	12/23/25	MB	n/a	n/a	V6V3141
DA78201-7MSD	6V67527.D	1	12/23/25	MB	n/a	n/a	V6V3141
DA78201-7	6V67528.D	1	12/23/25	MB	n/a	n/a	V6V3141

The QC reported here applies to the following samples:

Method: SW846 8260D

DA78263-1

CAS No.	Compound	DA78201-7 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	52.9	106	50	51.5	103	3	70-130/30
100-41-4	Ethylbenzene	ND	50	53.1	106	50	53.1	106	0	70-130/30
108-88-3	Toluene	ND	50	50.5	101	50	52.2	104	3	70-130/30
	m,p-Xylene	ND	100	108	108	100	108	108	0	70-130/30
95-47-6	o-Xylene	ND	50	55.3	111	50	54.2	108	2	70-130/30
1330-20-7	Xylene (total)	ND	150	164	109	150	162	108	1	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78201-7	Limits
1868-53-7	Dibromofluoromethane	100%	96%	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	95%	97%	98%	70-130%
2037-26-5	Toluene-D8	97%	98%	98%	70-130%
460-00-4	4-Bromofluorobenzene	103%	106%	99%	70-130%

* = Outside of Control Limits.

7.3.1
7

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78263
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29660-MB	LW51642.D	1	12/29/25	JB	12/29/25	OP29660	GLW1221

The QC reported here applies to the following samples:

Method: NWTPH-DX

DA78263-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.18	0.13	mg/l	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	86% 36-145%

8.1.1

8

Blank Spike Summary

Job Number: DA78263
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29660-BS	LW51643.D	1	12/29/25	JB	12/29/25	OP29660	GLW1221

The QC reported here applies to the following samples:

Method: NWTPH-DX

DA78263-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	3.64	2.81	77	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	97%	36-145%

8.2.1

8

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78263
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29660-MS	LW51644.D	1	12/29/25	JB	12/29/25	OP29660	GLW1221
OP29660-MSD	LW51645.D	1	12/29/25	JB	12/29/25	OP29660	GLW1221
DA78261-1	LW51646.D	1	12/29/25	JB	12/29/25	OP29660	GLW1221

The QC reported here applies to the following samples:

Method: NWTPH-DX

DA78263-1

CAS No.	Compound	DA78261-1 mg/l	Spike Q mg/l	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND	5.46	4.08	75	5.38	4.61	86	12	65-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA78261-1	Limits
84-15-1	o-Terphenyl	102%	99%	88%	36-145%

8.3.1
8

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45204
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 12/23/25

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.10	.015	.05	0.026	<0.10

Associated samples MP45204: DA78263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45204
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 12/23/25

Metal	DA78263-1 Original MS		SpikeLot HGWSR1	% Rec	QC Limits
Mercury	0.031	1.0	1	96.9	70-130

Associated samples MP45204: DA78263-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45204
 Matrix Type: AQUEOUS

Methods: EPA 245.1
 Units: ug/l

Prep Date: 12/23/25

Metal	DA78263-1 Original MSD	SpikeLot HGWSR1	% Rec	MSD RPD	QC Limit
Mercury	0.031	1.0	1	96.9	0.0 20

Associated samples MP45204: DA78263-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45204
Matrix Type: AQUEOUS

Methods: EPA 245.1
Units: ug/l

Prep Date: 12/23/25

Metal	BSP Result	Spikelot HGWSR1	% Rec	QC Limits
Mercury	1.0	1	100.0	85-115

Associated samples MP45204: DA78263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45216
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 12/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.1	10		
Antimony	0.40	.0027	.3		
Arsenic	0.20	.004	.05		
Barium	2.0	.081	.3	0.051	<2.0
Beryllium	0.20	.015	.1		
Boron	40	8.2	10	9.1	<40
Cadmium	0.10	.024	.05		
Calcium	400	.13	60	18.5	<400
Chromium	2.0	.038	.27		
Cobalt	0.20	.0016	.05		
Copper	2.0	.23	1.5		
Iron	20	.069	10	7.9	<20
Lead	0.50	.0078	.13		
Magnesium	100	.12	20	-1.9	<100
Manganese	1.0	.0099	.51	0.19	<1.0
Molybdenum	1.0	.0029	.2		
Nickel	2.0	.029	.5		
Phosphorus	60	21	25		
Potassium	200	1.7	50	3.7	<200
Selenium	0.40	.0096	.1	0.0090	<0.40
Silver	0.10	.001	.025		
Sodium	500	1.2	70	29.9	<500
Strontium	20	.0047	5	0.22	<20
Thallium	0.20	.0028	.05		
Tin	10	.027	2.5		
Titanium	2.0	.0065	.5		
Uranium	0.20	.001	.05		
Vanadium	1.0	.035	.2		
Zinc	10	.1	2		

Associated samples MP45216: DA78263-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

9.2.1
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45216
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 12/26/25

Metal	DA78191-1F Original MS		Spike ICPMS6	% Rec	QC Limits
Aluminum					
Antimony	anr				
Arsenic	anr				
Barium	69.6	490	400	105.1	70-130
Beryllium					
Boron	27.9	232	200	106.4(a)	70-130
Cadmium	anr				
Calcium					
Chromium	anr				
Cobalt					
Copper	anr				
Iron	6.4	1090	1000	108.4	70-130
Lead	anr				
Magnesium	14300	20800	5000	118.0	70-130
Manganese	0.69	107	100	106.3	70-130
Molybdenum	anr				
Nickel	anr				
Phosphorus					
Potassium	2980	8450	5000	109.4	70-130
Selenium	0.14	214	200	106.9	70-130
Silver	anr				
Sodium	21200	27100	5000	118.0	70-130
Strontium	362	481	100	119.0	70-130
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	anr				

Associated samples MP45216: DA78263-1F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested
 (a) Spike recovery indicates possible matrix interference.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45216
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 12/26/25

Metal	DA78191-1F Original MSD	SpikeLot ICPMS6	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony	anr					
Arsenic	anr					
Barium	69.6	487	400	104.4	0.6	20
Beryllium						
Boron	27.9	236	200	108.4(a)	1.7	20
Cadmium	anr					
Calcium						
Chromium	anr					
Cobalt						
Copper	anr					
Iron	6.4	1410	1000	140.4N(a)	25.6 (b)	20
Lead	anr					
Magnesium	14300	26800	5000	238.0N(a)	25.2 (b)	20
Manganese	0.69	138	100	137.3N(a)	25.3 (b)	20
Molybdenum	anr					
Nickel	anr					
Phosphorus						
Potassium	2980	8360	5000	107.6	1.1	20
Selenium	0.14	214	200	106.9	0.0	20
Silver	anr					
Sodium	21200	27000	5000	116.0	0.4	20
Strontium	362	611	100	249.0N(a)	23.8 (b)	20
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	anr					

Associated samples MP45216: DA78263-1F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference.

(b) RPD acceptable due to low duplicate and sample concentrations.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45216
 Matrix Type: AQUEOUS

Methods: EPA 200.8
 Units: ug/l

Prep Date: 12/26/25

Metal	BSP Result	SpikeLot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	428	400	107.0	85-115
Beryllium				
Boron	214	200	107.0	85-115
Cadmium	anr			
Calcium	5450	5000	109.0	85-115
Chromium	anr			
Cobalt				
Copper	anr			
Iron	1090	1000	109.0	85-115
Lead	anr			
Magnesium	5520	5000	110.4	85-115
Manganese	108	100	108.0	85-115
Molybdenum	anr			
Nickel	anr			
Phosphorus				
Potassium	5600	5000	112.0	85-115
Selenium	214	200	107.0	85-115
Silver	anr			
Sodium	5550	5000	111.0	85-115
Strontium	109	100	109.0	85-115
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	anr			

Associated samples MP45216: DA78263-1F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

9.2.3
 9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45236
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 12/30/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	2	50		
Antimony	30	6	20		
Arsenic	25	2.3	7	-1.5	<25
Barium	10	.19	3		
Beryllium	10	.1	2		
Boron	50	1.3	10		
Cadmium	10	.21	5		
Calcium	400	5.6	61		
Chromium	10	.63	2	-0.10	<10
Cobalt	5.0	.75	4		
Copper	10	.46	6	-0.30	<10
Iron	20	1.9	10		
Lead	50	4.2	15	-2.2	<50
Lithium	5.0	.5	4		
Magnesium	200	7	40		
Manganese	5.0	.17	1		
Molybdenum	10	1.9	3		
Nickel	30	1.1	10		
Phosphorus	150	12	110		
Potassium	1000	25	300		
Selenium	50	9.3	30		
Silicon	200	41	150		
Silver	30	.56	5		
Sodium	400	4.5	150		
Strontium	5.0	.1	1		
Thallium	12	6.1	11		
Tin	60	3.4	51		
Titanium	10	.43	2		
Uranium	50	6.4	20	-2.4	<50
Vanadium	10	1	2		
Zinc	30	.67	7		

Associated samples MP45236: DA78263-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

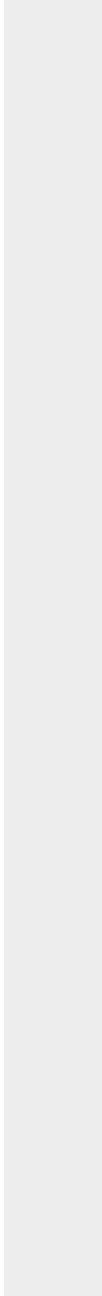
QC Batch ID: MP45236
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 12/30/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested



MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45236
 Matrix Type: AQUEOUS

Methods: EPA 200.7
 Units: ug/l

Prep Date: 12/30/25

Metal	DA78261-1 Original MS	SpikeLot ICPAL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	0.0	1090	1000	109.0 70-130
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	0.0	536	500	107.2 70-130
Cobalt				
Copper	21.6	595	500	114.7 70-130
Iron				
Lead	0.0	1070	1000	107.0 70-130
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium	0.0	1030	1000	103.0 70-130
Vanadium				
Zinc				

Associated samples MP45236: DA78263-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits

9.3.2
 9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

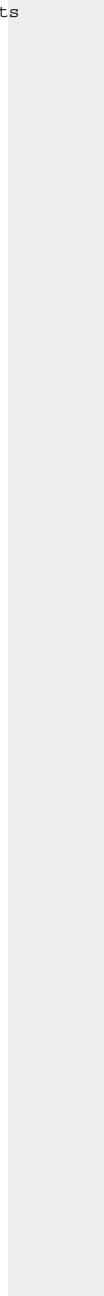
QC Batch ID: MP45236
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 12/30/25

Metal	DA78261-1 Original MS	SpikeLot ICPAL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



9.3.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45236
 Matrix Type: AQUEOUS

Methods: EPA 200.7
 Units: ug/l

Prep Date: 12/30/25

Metal	DA78261-1 Original MSD	SpikeLot ICPAL6	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony						
Arsenic	0.0	1040	1000	104.0	4.7	20
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium	0.0	516	500	103.2	3.8	20
Cobalt						
Copper	21.6	575	500	110.7	3.4	20
Iron						
Lead	0.0	1030	1000	103.0	3.8	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium	0.0	989	1000	98.9	4.1	20
Vanadium						
Zinc						

Associated samples MP45236: DA78263-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits

9.3.2
 9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

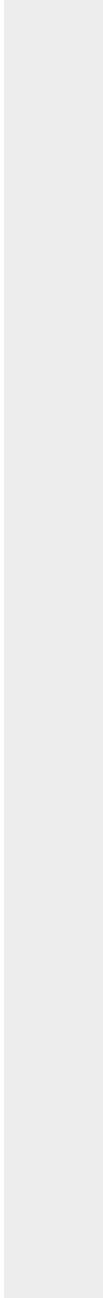
QC Batch ID: MP45236
 Matrix Type: AQUEOUS

Methods: EPA 200.7
 Units: ug/l

Prep Date: 12/30/25

Metal	DA78261-1 Original MSD	SpikeLot ICPAL6 % Rec	MSD RPD	QC Limit
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(N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested



SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78263
 Account: ANADACOD - Occidental Petroleum Corporation
 Project: Kerr-McGee: GWA_Lizzy_8_36HZ

QC Batch ID: MP45236
 Matrix Type: AQUEOUS

Methods: EPA 200.7
 Units: ug/l

Prep Date: 12/30/25

Metal	BSP Result	SpikeLot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	1060	1000	106.0	85-115
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	514	500	102.8	85-115
Cobalt				
Copper	511	500	102.2	85-115
Iron				
Lead	1020	1000	102.0	85-115
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium	1000	1000	100.0	85-115
Vanadium				
Zinc				

Associated samples MP45236: DA78263-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits

9.3.3
 9

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

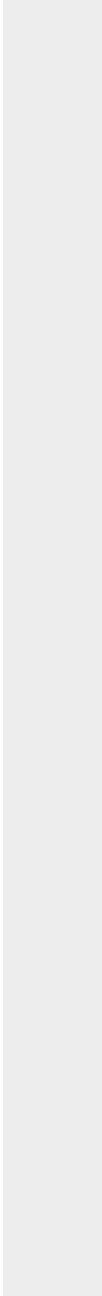
QC Batch ID: MP45236
Matrix Type: AQUEOUS

Methods: EPA 200.7
Units: ug/l

Prep Date: 12/30/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(anr) Analyte not requested



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Alkalinity, Bicarbonate as CaC	GN71644	5.0	3.9	mg/l	100	108	107.8	90-110%
Alkalinity, Carbonate	GN71645	5.0	3.9	mg/l	100	108	107.8	90-110%
Alkalinity, Total as CaCO3	GN71643	5.0	3.9	mg/l	100	108	107.8	90-110%
Bromide	GP40322/GN71598	0.050	0.0	mg/l	0.5	0.518	103.6	90-110%
Chloride	GP40322/GN71598	0.50	0.0	mg/l	5	4.90	98.0	90-110%
Fluoride	GP40322/GN71598	0.10	0.0	mg/l	1	0.971	97.1	90-110%
Hydrogen Sulfide	GN71739	0.50	0.0	mg/l	2.15	0.80	37.2*	60-120%
Iron-Related Bacteria	MB1894	25	<25(a)	CFU/ml				
Nitrogen, Nitrate	GP40322/GN71598	0.010	0.0	mg/l	0.1	0.0964	96.4	90-110%
Nitrogen, Nitrite	GP40322/GN71598	0.0040	0.0	mg/l	0.05	0.0537	107.4	90-110%
Phosphorus, Total	GP40391/GN71759	0.010	0.0	mg/l	0.2	0.195	97.5	90-110%
Slime Forming Bacteria	MB1895	500	<500(a)	CFU/ml				
Solids, Total Dissolved	GN71606	10	0.0	mg/l	1000	1010	101.2	90-110%
Specific Conductivity	GP40332/GN71609			umhos/cm	1409	1420	100.4	90-110%
Sulfate	GP40322/GN71598	0.50	0.0	mg/l	5	4.81	96.2	90-110%
Sulfate Reducing Bacteria	MB1896	200	<200(a)	CFU/ml				

Associated Samples:

Batch MB1894: DA78263-1B
Batch MB1895: DA78263-1B
Batch MB1896: DA78263-1B
Batch GN71606: DA78263-1
Batch GN71643: DA78263-1
Batch GN71644: DA78263-1
Batch GN71645: DA78263-1
Batch GN71739: DA78263-1
Batch GP40322: DA78263-1
Batch GP40332: DA78263-1
Batch GP40391: DA78263-1

(*) Outside of QC limits

(a) Certification for this test is not offered.

10.1
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DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Hydrogen Sulfide	GN71739	DA78261-1	mg/l	0.40	0.40	100.0(a)	0-20%
Iron-Related Bacteria	MB1894	DA78003-1B	CFU/ml	9000	9000(b)	0.0(b)	0-%
Phosphorus, Total	GP40391/GN71759	DA78263-1	mg/l	0.0	0.0	0.0	0-20%
Slime Forming Bacteria	MB1895	DA78003-1B	CFU/ml	<500	<500(b)	0.0(b)	0-%
Solids, Total Dissolved	GN71606	DA78280-5	mg/l	1250	1270	1.6	0-5.44%
Specific Conductivity	GP40332/GN71609	DA78247-6	umhos/cm	4700	4700	0.1	0-20%
Sulfate Reducing Bacteria	MB1896	DA78003-1B	CFU/ml	<200	<200(b)	0.0(b)	0-%
pH	GN71608	DA78261-1	su	9.02	9.04	0.2	0-5%

Associated Samples:

Batch MB1894: DA78263-1B
Batch MB1895: DA78263-1B
Batch MB1896: DA78263-1B
Batch GN71606: DA78263-1
Batch GN71608: DA78263-1
Batch GN71739: DA78263-1
Batch GP40332: DA78263-1
Batch GP40391: DA78263-1

(*) Outside of QC limits

(a) RPD acceptable due to low duplicate and sample concentrations.

(b) Certification for this test is not offered.

10.2
10

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Bromide	GP40322/GN71598	DA78261-1	mg/l	0.39	5	5.7	106.2	80-120%
Chloride	GP40322/GN71598	DA78261-1	mg/l	31.9	50	88.4	113.0	80-120%
Fluoride	GP40322/GN71598	DA78261-1	mg/l	1.5	10	12.1	106.0	80-120%
Nitrogen, Nitrate	GP40322/GN71598	DA78261-1	mg/l	0.0	1	1.0	100.0	80-120%
Nitrogen, Nitrite	GP40322/GN71598	DA78261-1	mg/l	0.0	0.5	0.55	110.0	80-120%
Phosphorus, Total	GP40391/GN71759	DA78263-1	mg/l	0.0	0.2	0.19	95.5	90-110%
Sulfate	GP40322/GN71598	DA78261-1	mg/l	0.0	50	51.1	102.2	80-120%

Associated Samples:

Batch GP40322: DA78263-1

Batch GP40391: DA78263-1

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

10.3
10

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Bromide	GP40322/GN71598	DA78261-1	mg/l	0.39	5	5.6	1.8	20%
Chloride	GP40322/GN71598	DA78261-1	mg/l	31.9	50	85.6	3.2	20%
Fluoride	GP40322/GN71598	DA78261-1	mg/l	1.5	10	11.5	5.1	20%
Nitrogen, Nitrate	GP40322/GN71598	DA78261-1	mg/l	0.0	1	0.97	3.0	20%
Nitrogen, Nitrite	GP40322/GN71598	DA78261-1	mg/l	0.0	0.5	0.53	3.7	20%
Sulfate	GP40322/GN71598	DA78261-1	mg/l	0.0	50	50.2	1.8	20%

Associated Samples:

Batch GP40322: DA78263-1

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

10.4
10

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody





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/ehsusa

Form containing Client/Reporting Information, Project Information, Requested Analysis, Matrix Codes, and a table of samples with columns for Sample #, Field ID, Date, Time, Matrix, and various test parameters. Includes handwritten notes and signatures.

DA78263: Chain of Custody
Page 1 of 4
SGS Scott, LA



526 DEN 35994140
 Not Negotiable / Issued by
 526-35994140
 Southwest Cargo

526 - 35994140
 swacargo.com (800) 583-1222
 Copies 1, 2 and 3 of this Air Waybill are originals and have the same validity.
 Received in Good Order & Condition at:
 HOU - 1 pcs 12/24/2025 19:08 CST by BRYAN ANTHONY

Shipper's Name and Address
 PRECISION AIR CARGO
 P.O. BOX 5686
 DENVER, CO 80217
 US +1 (303) 576-0020

Consignee's Name and Address
 SCS NORTH AMERICA
 10175 HARWIN DRIVE
 HOUSTON, TX 77036
 US +1 (281) 881-1457

Issuing Carrier's Agent Name and City
 HOU SOUTHWEST AIRLINES
 Flight Date: 12/24/2025
 Flight Date: 12/24/2025

Accounting Information
 Service Level - N

Agent's IATA Code
 Account No.
 Airport of Departure (Addr. of First Carrier) and Requested Routing
 DENVER

To By First Carrier To By To By
 HOU SOUTHWEST AIRLINES
 Flight Date: 12/24/2025
 Flight Date: 12/24/2025

Rate Class
 Commodity Item No.
 Chargeable Weight
 Rate / Charge
 As Agreed

No. of Pieces RCP
 Gross Weight
 Net Weight
 Nature and Quantity of Goods (Inc. Dimensions or Volume)
 SOIL/WATER/AIR SAMPLES
 DIMS IN INCHES:
 1 = 20 X 20 X 20

Prepaid Weight Charge Collect
 Valuation Charge
 Tax

Other Charges and Description
 MYC 0.00 SCC 0.00
 Total Other Charges Due Agent
 Total Other Charges Due Carrier

Signature of Shipper or his Agent
 Signature of Shipper or his Agent
 BROQUELL ARGUELLO

Currency Conversion Rate
 CC Charges in Dest. Currency
 Charges at Destination
 Total Collect Charges
 12/24/2025 09:45 MST
 DEN E88323
 At (place) Signature of Issuing Carrier or its Agent

For Carriers Use only at Destination
 DEN
 E88323
 Signature of Issuing Carrier or its Agent

SOUTHWEST AIRLINES

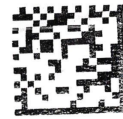
Printed on:
24 DEC 09:46
526 DEN 3599 4140

HOU

PC#	DG	LO
1 OF 1	G	22 LB (10.0 KG)

DEN WN 1704 24 DEC 12:50

STU FIT DATE EID LOT



PC ID: 0001
PC WT: 22LB

526 35994140 0001

M3

SGS Sample Receipt Summary

Job Number: da78263

Client: SGS CO.

Project: KEN-MCGEE GWA LIZZY 8 36HZ

Date / Time Received: 12/29/2025 10:10:00 AM

Delivery Method: FEDEX

Airbill #'s: 490362800626

Cooler Temps (Raw Measured) °C: 2.8

Cooler Temps (Corrected) °C: 2.8

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. Smp'l 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. Cooler temp verification: | <u>IRGUN</u> | |
| 3. Cooler media: | <u>Ice (direct contact)</u> | |
| 4. No. Coolers: | <u>1</u> | |

Quality Control Preservatio

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Samples preserved properly: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. VOCs headspace free: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Condition of sample: | <u>no samples</u> | |

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"/> |

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____

Comments

SM089-03
Rev. Date 12/7/17

11.1
11

GC Volatiles

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78263
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA4699-MB1	LA449272.D	1	01/02/26	MM	n/a	n/a	GLA4699

The QC reported here applies to the following samples:

Method: SW846 8015C

DA78263-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.065	mg/l	

CAS No.	Surrogate Recoveries	Limits	
460-00-4	4-Bromofluorobenzene	105%	72-123%
540-36-3	1,4-Difluorobenzene	103%	76-126%

12.1.1
12

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA78263
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA4699-BS1	LA449268.D	1	01/02/26	MM	n/a	n/a	GLA4699
GLA4699-BSD1	LA449269.D	1	01/02/26	MM	n/a	n/a	GLA4699

The QC reported here applies to the following samples:

Method: SW846 8015C

DA78263-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	1	0.942	94	0.875	88	7	77-118/12

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	103%	107%	72-123%
540-36-3	1,4-Difluorobenzene	103%	105%	76-126%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA78263
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78313-1MS	LA449293.D	5	01/02/26	MM	n/a	n/a	GLA4699
DA78313-1MSD	LA449294.D	5	01/02/26	MM	n/a	n/a	GLA4699
DA78313-1	LA449292.D	1	01/02/26	MM	n/a	n/a	GLA4699

The QC reported here applies to the following samples:

Method: SW846 8015C

DA78263-1

CAS No.	Compound	DA78313-1 mg/l	Spike Q mg/l	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	7.98	5	13.3	106	5	12.5	90	6	77-118/12

CAS No.	Surrogate Recoveries	MS	MSD	DA78313-1	Limits
460-00-4	4-Bromofluorobenzene	99%	101%	102%	72-123%
540-36-3	1,4-Difluorobenzene	98%	98%	104%	76-126%

* = Outside of Control Limits.

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody



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/ehsusa

FED-Ex Tracking # 4903-8280-0615
Bottle Order Control #
SGS Quote #
SGS Job # DA78263

Client / Reporting Information: SGS North America Inc.
Project Information: Kerr-McGee: GWA_Lizzy_8_36HZ
Requested Analysis (see TEST CODE sheet)
Matrix Codes: DW - Drinking Water, GW - Ground Water, etc.
Table with columns: Sample #, Field ID / Point of Collection, MECHID, Date, Time, Sampled by, Matrix, # of bottles, etc.

Turnaround Time (Business days)
Data Deliverable Information
Approved By (SGS PM) / Date:
Commercial "A" (Level 1)
Commercial "B" (Level 2)
RED11 (Level 3)
FUL11 (Level 4)
Commercial "C"
State Forms
EDD Format
Other
Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data
http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.
Table with columns: Relinquished by, Date Time, Received By, Date Time, Relinquished By, Date Time, Received By, Date Time. Includes handwritten entries for FedEx and dates like 11/29 and 11/02.

13.1 13

SGS Sample Receipt Summary

Job Number: DA78263

Client: SGS

Project: KERR-MCGEE: GWA_LIZZY_8_36HZ

Date / Time Received: 12/29/2025 11:02:00 AM

Delivery Method: FEDEX

Airbill #'s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (3.8);

Cooler Temps (Corrected) °C: Cooler 1: (3.9);

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. Smp'l 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. Cooler temp verification: | <u>IR-50</u> | |
| 3. Cooler media: | <u>Ice (Bag)</u> | |
| 4. No. Coolers: | <u>1</u> | |

Quality Control Preservation

Y or N

N/A

- | | | | |
|---------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input checked="" 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: | <u>Intact</u> | |

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 instrctions 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"/> |

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify) _____

Comments

SM089-03
Rev. Date 12/7/17

13.1
13

DA78263: Chain of Custody

Page 2 of 2

GC Volatiles

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA78263
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA3437-MB	AA119414.D	1	01/05/26	WC	n/a	n/a	GAA3437

The QC reported here applies to the following samples:

Method: RSK-175

DA78263-1A

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	ND	0.11	0.080	ug/l	
74-84-0	Ethane	ND	0.23	0.14	ug/l	
74-98-6	Propane	ND	1.0	0.070	ug/l	

14.1.1
14

Laboratory Control Sample Summary

Job Number: DA78263
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA3437-LCS	AA119443.D	1	01/05/26	WC	n/a	n/a	GAA3437

The QC reported here applies to the following samples:

Method: RSK-175

DA78263-1A

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
74-82-8	Methane	10.8	9.95	92	85-115
74-84-0	Ethane	21.7	19.7	91	85-115
74-98-6	Propane	30.3	25.4	84* a	85-115

(a) Outside in house control limits.

14.2.1
14

* = Outside of Control Limits.

Duplicate Summary

Job Number: DA78263
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA78263-1ADUP	AA119426.D	1	01/05/26	WC	n/a	n/a	GAA3437
DA78263-1A	AA119425.D	1	01/05/26	WC	n/a	n/a	GAA3437

The QC reported here applies to the following samples:

Method: RSK-175

DA78263-1A

CAS No.	Compound	DA78263-1A DUP		Q	RPD	Limits
		mg/l	Q mg/l			
74-82-8	Methane	ND	ND		nc	14
74-84-0	Ethane	ND	ND		nc	10
74-98-6	Propane	ND	ND		nc	30

* = Outside of Control Limits.

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ALMS - SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Dissolved Organic Carbon	GP66754/GN77920	1.0	0.0	mg/l	10	9.34	93.4	90-110%
HEM Petroleum Hydrocarbons	GP66806/GN77951	5.0	0.0	mg/l	20	19.2	96.0	64-132%

Associated Samples:
Batch GP66754: DA78263-1F
Batch GP66806: DA78263-1
(*) Outside of QC limits

15.1
15

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ALMS - SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
HEM Petroleum Hydrocarbons	GP66806/GN77951	JE25930-1	mg/l	0.86 U	0.0	0.0	0-34%

Associated Samples:
Batch GP66806: DA78263-1
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ALMS - SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Dissolved Organic Carbon	GP66754/GN77920	JE26129-1F	mg/l	3.1	10	11.7	86.0	66-128%
HEM Petroleum Hydrocarbons	GP66806/GN77951	JE26318-1	mg/l	0.0	20	18.0	90.0	64-132%

Associated Samples:

Batch GP66754: DA78263-1F

Batch GP66806: DA78263-1

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA78263
Account: ALMS - SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_Lizzy_8_36HZ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Dissolved Organic Carbon	GP66754/GN77920	JE26129-1F	mg/l	3.1	10	11.4	2.6	20%

Associated Samples:

Batch GP66754: DA78263-1F

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits