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Automated Report

Technical Report for

Occidental Petroleum Corporation

Kerr-McGee: GWA_GWA_Salazar_5_20HZ

FID. 753512 Reg. 615 FRQ. 1SUB

SGS Job Number: DA73954

Sampling Date: 07/28/25

Report to:

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Total number of pages in report: 51

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

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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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Sample Summary

Occidental Petroleum Corporation

Job No: DA73954

Kerr-McGee: GWA_GWA_Salazar_5_20HZ
Project No: FID. 753512 Reg. 615 FRQ. 1SUB

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							
DA73954-1	07/28/25	10:55	AI	07/28/25	AQ	Ground Water	BW_SALAZAR_232985 SWNE_20_3N_67W
DA73954-1A	07/28/25	10:55	AI	07/28/25	AQ	Ground Water	BW_SALAZAR_232985 SWNE_20_3N_67W
DA73954-1B	07/28/25	10:55	AI	07/28/25	AQ	Ground Water	BW_SALAZAR_232985 SWNE_20_3N_67W
DA73954-1F	07/28/25	10:55	AI	07/28/25	AQ	Groundwater Filtered	BW_SALAZAR_232985 SWNE_20_3N_67W

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Occidental Petroleum Corporation	**Job No:**	DA73954
Site:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ	**Report Date**	8/22/2025 7:17:38 AM

On 07/28/2025, 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 2.5 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA73954 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 8260B

Matrix: AQ **Batch ID:** V7V4977

- All samples were analyzed within the recommended method holding time.
- Sample(s) DA73545-22MS, DA73545-22MSD 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:GAA3344

- The data for RSK-175 meets quality control requirements.
- DA73954-1A: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed outside 7 days holding time per client's request. Analysis performed at SGS Dayton, NJ.

GC Volatiles By Method SW846 8015C

Matrix: AQ **Batch ID:** GGA3069

- Sample(s) DA73545-30MS, DA73545-30MSD were used as the QC samples indicated.

GC/LC Semi-volatiles By Method SW846 8015C

Matrix: AQ **Batch ID:** OP28190

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) DA73954-1MS, DA73954-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals Analysis By Method EPA 200.8

Matrix: AQ **Batch ID:** MP42285

- 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) DA73901-1AMS, DA73901-1AMSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Calcium, Sodium, Strontium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- The RPD(s) for the MS and MSD recoveries of Boron are outside control limits for sample MP42285-MSD. High RPD due to possible sample matrix or nonhomogeneity.
- MP42285-MS for Boron: Spike recovery indicates possible matrix interference.

General Chemistry By Method EPA 300.0

Matrix: AQ **Batch ID:** GP39130

- 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) DA73921-1MS were used as the QC samples for the Fluoride, Sulfate, Chloride, Bromide, Nitrogen, Nitrate, Nitrogen, Nitrite analysis.
- The matrix spike (MS) recovery(s) of Bromide, Nitrogen, Nitrate are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike (MS) recovery(s) of Chloride, Nitrogen, Nitrite are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- DA73954-1 for Nitrogen, Nitrite: Elevated detection limit due to matrix interference.
- GP39130-MS for Nitrogen, Nitrite: Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Matrix: AQ **Batch ID:** R70732

- The data for EPA 300.0 meets quality control requirements.
- DA73954-1 for Nitrogen, Nitrate + Nitrite: Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

General Chemistry By Method EPA 365.1

Matrix: AQ **Batch ID:** GP39221

- 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) DA73898-1DUP, DA73898-1MS were used as the QC samples for the Phosphorus, Total analysis.
- The matrix spike (MS) recovery(s) of Phosphorus, Total are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

General Chemistry By Method HACH IRB-BART-NOCERT

Matrix: AQ **Batch ID:** MB1865

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA73954-1BDUP were used as the QC samples for the Iron-Related Bacteria analysis.
- DA73954-1B for Iron-Related Bacteria: Certification for this test is not offered.

General Chemistry By Method HC SLYM-BART-NO CERT

Matrix: AQ **Batch ID:** MB1864

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA73954-1BDUP were used as the QC samples for the Slime Forming Bacteria analysis.
- DA73954-1B for Slime Forming Bacteria: Certification for this test is not offered.

General Chemistry By Method HC SRB-BART-NO CERT

Matrix: AQ **Batch ID:** MB1866

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA73954-1BDUP were used as the QC samples for the Sulfate Reducing Bacteria analysis.
- DA73954-1B for Sulfate Reducing Bacteria: Certification for this test is not offered.

General Chemistry By Method SM 2320B-2011

Matrix: AQ **Batch ID:** GN68200

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA73954-1DUP, DA73954-1MS, DA73954-1MSD were used as the QC samples for the Alkalinity, Total as CaCO3 analysis.

Matrix: AQ **Batch ID:** GN68201

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

Matrix: AQ **Batch ID:** GN68202

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

General Chemistry By Method SM 2510B-2011

Matrix: AQ **Batch ID:** GP39202

- Sample(s) DA74079-1DUP were used as the QC samples for the Specific Conductivity analysis.

General Chemistry By Method SM 2540C-2020 & 2011

Matrix: AQ **Batch ID:** GN68142

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA73973-8DUP were used as the QC samples for the Solids, Total Dissolved analysis.

General Chemistry By Method SM1030E-2011

Matrix: AQ **Batch ID:** GN68535

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

General Chemistry By Method SM4500HB+-2011/9040C

Matrix:	AQ	Batch ID:	GN68414

- Sample(s) DA74146-24DUP were used as the QC samples for the pH analysis.
- The following samples were run outside of holding time for method SM4500HB+-2011/9040C: DA73954-1 Analysis performed past the required 15 minutes from collection time/holding time.

Field Data By Method FIELD

Matrix:	AQ	Batch ID:	R70174

- 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:**	DA73954
Site:	ANADACOD: Kerr-McGee: GWA_GWA_Salazar_5_20HZ	**Report Date**	8/7/2025 5:12:17 AM

On 07/31/2025, 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 4 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA73954 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:** GAA3344

- All method blanks for this batch meet method specific criteria.
- Sample(s) JE16450-2DUP were used as the QC samples indicated.
- DA73954-1A: (pH=6)Sample is not acid preservation per method/client criteria. Sample analyzed outside 7 days holding time per client's request.

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.

Summary of Hits

Job Number: DA73954
Account: Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ
Collected: 07/28/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA73954-1	**BW_SALAZAR_232985 SWNE_20_3N_67W**					
Fluoride		1.8	0.50		mg/l	EPA 300.0
Chloride		94.6	2.5		mg/l	EPA 300.0
Bromide		0.61	0.25		mg/l	EPA 300.0
Nitrogen, Nitrate		13.3	0.50		mg/l	EPA 300.0
Sulfate		1150	25		mg/l	EPA 300.0
Nitrogen, Nitrate + Nitrite [a]		13.3	0.52		mg/l	EPA 300.0
Alkalinity, Bicarbonate as CaCO3		380	5.0		mg/l	SM 2320B-2011
Alkalinity, Total as CaCO3		380	5.0		mg/l	SM 2320B-2011
Cation Anion Balance		2.2			%	SM1030E-2011
Phosphorus, Total		0.034	0.010		mg/l	EPA 365.1
Solids, Total Dissolved		2220	10		mg/l	SM 2540C-2020 & 2011
Specific Conductivity		3180	1.0		umhos/cm	SM 2510B-2011
pH [b]		8.48			su	SM4500HB + -2011/9040C
Specific Conductivity (Field)		3380.8	0.50		umhos/cm	FIELD
pH (Field)		7.69			su	FIELD
Temperature (Field)		16.2			Deg. C	FIELD
Turbidity		1.42			NTU	FIELD
Redox Potential Vs H2		164.1			mv	FIELD
Oxygen, Dissolved (Field)		5.9			mg/l	FIELD
DA73954-1A	**BW_SALAZAR_232985 SWNE_20_3N_67W**					
Methane [c]		0.00015	0.00011	0.000030	mg/l	RSK-175
DA73954-1B	**BW_SALAZAR_232985 SWNE_20_3N_67W**					
Iron-Related Bacteria [d]		2200	25		CFU/ml	HACH IRB-BART-NOCERT
Slime Forming Bacteria [d]		67000	500		CFU/ml	HC SLYM-BART-NO CERT
Sulfate Reducing Bacteria [d]		27000	200		CFU/ml	HC SRB-BART-NO CERT
DA73954-1F	**BW_SALAZAR_232985 SWNE_20_3N_67W**					
Boron		0.503	0.040		mg/l	EPA 200.8
Calcium		3.13	0.40		mg/l	EPA 200.8
Magnesium		2.49	0.10		mg/l	EPA 200.8
Potassium		0.429	0.20		mg/l	EPA 200.8
Selenium		0.0241	0.00040		mg/l	EPA 200.8
Sodium		839	20		mg/l	EPA 200.8
Strontium		0.0501	0.020		mg/l	EPA 200.8

(a) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)
(b) Analysis performed past the required 15 minutes from collection time/holding time.
(c) (pH = 6)Sample is not acid preservation per method/client criteria. Sample analyzed outside 7 days holding time

Summary of Hits

Job Number: DA73954
Account: Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ
Collected: 07/28/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

per client's request. Analysis performed at SGS Dayton, NJ.
(d) Certification for this test is not offered.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1	**Date Sampled:**	07/28/25
Matrix:	AQ - Ground Water	**Date Received:**	07/28/25
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V102034.D	1	07/29/25 21:05	MB	n/a	n/a	V7V4977
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1	**Date Sampled:**	07/28/25
Matrix:	AQ - Ground Water	**Date Received:**	07/28/25
Method:	SW846 8015C	**Percent Solids:**	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA70421.D	1	08/02/25 01:02	MB	n/a	n/a	GGA3069
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.040	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
120-82-1	1,2,4-Trichlorobenzene	89%		60-140%

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

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1	**Date Sampled:**	07/28/25
Matrix:	AQ - Ground Water	**Date Received:**	07/28/25
Method:	SW846 8015C SW846 3511	**Percent Solids:**	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW45946.D	1	08/05/25 12:29	JB	08/01/25 10:00	OP28190	GLW1066
Run #2							

	Initial Volume	Final Volume
Run #1	56.5 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	87%		44-134%

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

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1	**Date Sampled:**	07/28/25
Matrix:	AQ - Ground Water	**Date Received:**	07/28/25
		Percent Solids:	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
300.0							
Fluoride	1.8	0.50	mg/l	5	07/29/25 18:41	JB	EPA 300.0
Chloride	94.6	2.5	mg/l	5	07/29/25 18:41	JB	EPA 300.0
Nitrogen, Nitrite [a]	< 0.020	0.020	mg/l	5	07/29/25 18:41	JB	EPA 300.0
Bromide	0.61	0.25	mg/l	5	07/29/25 18:41	JB	EPA 300.0
Nitrogen, Nitrate	13.3	0.50	mg/l	50	07/29/25 18:53	JB	EPA 300.0
Sulfate	1150	25	mg/l	50	07/29/25 18:53	JB	EPA 300.0
300.0 NO2 + NO3O							
Nitrogen, Nitrate + Nitrite [b]	13.3	0.52	mg/l	1	07/29/25 18:53	JB	EPA 300.0
Alkalinity, Bicarbonate as CaC	380	5.0	mg/l	1	08/01/25 08:07	JW	SM 2320B-2011
Alkalinity, Carbonate	< 5.0	5.0	mg/l	1	08/01/25 08:07	JW	SM 2320B-2011
Alkalinity, Total as CaCO3	380	5.0	mg/l	1	08/01/25 08:07	JW	SM 2320B-2011
Cation Anion Balance	2.2		%	1	08/20/25	MB	SM1030E-2011
Phosphorus, Total	0.034	0.010	mg/l	1	08/14/25 17:01	TH	EPA 365.1
Solids, Total Dissolved	2220	10	mg/l	1	07/29/25 07:00	JW	SM 2540C-2020 & 2011
Specific Conductivity	3180	1.0	umhos/cm	1	08/13/25 10:00	SG	SM 2510B-2011
pH [c]	8.48		su	1	08/13/25 10:00	SG	SM4500HB+-2011/9040C
Field Parameters							
Oxygen, Dissolved (Field)	5.9		mg/l	1	07/28/25 10:55	SUB	FIELD
Redox Potential Vs H2	164.1		mv	1	07/28/25 10:55	SUB	FIELD
Specific Conductivity (Field)	3380.8	0.50	umhos/cm	1	07/28/25 10:55	SUB	FIELD
Temperature (Field)	16.2		Deg. C	1	07/28/25 10:55	SUB	FIELD
Turbidity	1.42		NTU	1	07/28/25 10:55	SUB	FIELD
pH (Field)	7.69		su	1	07/28/25 10:55	SUB	FIELD

(a) Elevated detection limit due to matrix interference.
(b) Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)
(c) Analysis performed past the required 15 minutes from collection time/holding time.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1A	**Date Sampled:**	07/28/25
Matrix:	AQ - Ground Water	**Date Received:**	07/28/25
Method:	RSK-175	**Percent Solids:**	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	AA116918.D	1	08/06/25 15:23	ANJ	n/a	n/a	N:GAA3344
Run #2							

Methane, Ethane, Propane by RSK-175

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	0.00015	0.00011	0.000030	mg/l	
74-84-0	Ethane	ND	0.00023	0.000090	mg/l	
74-98-6	Propane	ND	0.00033	0.00011	mg/l	

(a) (pH = 6)Sample is not acid preservation per method/client criteria. Sample analyzed outside 7 days holding time per client's request. Analysis performed at SGS Dayton, NJ.

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

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1B	**Date Sampled:**	07/28/25
Matrix:	AQ - Ground Water	**Date Received:**	07/28/25
		Percent Solids:	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Not certifiable							
Iron-Related Bacteria [a]	2200	25	CFU/ml	1	08/08/25 12:00	JW	HACH IRB-BART-NOCERT
Slime Forming Bacteria [a]	67000	500	CFU/ml	1	08/08/25 12:00	JW	HC SLYM-BART-NO CERT
Sulfate Reducing Bacteria [a]	27000	200	CFU/ml	1	08/08/25 12:00	JW	HC SRB-BART-NO CERT

(a) Certification for this test is not offered.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BW_SALAZAR_232985 SWNE_20_3N_67W		
Lab Sample ID:	DA73954-1F	**Date Sampled:**	07/28/25
Matrix:	AQ - Groundwater Filtered	**Date Received:**	07/28/25
		Percent Solids:	n/a
Project:	Kerr-McGee: GWA_GWA_Salazar_5_20HZ		

Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Barium	< 0.0020	0.0020	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Boron	0.503	0.040	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Calcium	3.13	0.40	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Iron	< 0.020	0.020	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Magnesium	2.49	0.10	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Manganese	< 0.0010	0.0010	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Potassium	0.429	0.20	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Selenium	0.0241	0.00040	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Sodium	839	20	mg/l	40	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]
Strontium	0.0501	0.020	mg/l	1	08/11/25	08/14/25	CDL	EPA 200.8 [1]	EPA 200.8 [2]

(1) Instrument QC Batch: MA19485
(2) Prep QC Batch: MP42285

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS

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

Page _1_ of _1_

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job #: DA73954

Client / Reporting Information

Company: Kerr-McGee Oil and Gas Onshore LP
Street: 1099 18th Street
City, State: Denver, CO 80202
Project Contact: Joel Mason
Phone: 307-262-8975
Email: Joel.Mason@Absarokasolutions.com
Sampler(s) Name(s): AI

Project Information

Project Name: GWA_Salazar_5_20HZ
Frequency: 1SUB
Regulation: 615
Facility ID: 753512
EQuIS Facility Code: 0089019-AN-GWABWQ
Client Purchase Order #: Pending
Project Manager: Joel Mason

Billing Information (if different from Report to)

Company: Occidental Petroleum Corporation (OXY)
Street Address: 1201 Lake Robbins Drive
City, State ZIP: The Woodlands, TX 77380
Attention: Erik Mickelson User ID: fvv451

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MEOH	ENCORE	Na2S2O3	Other	PH, SCON, TDS	XCARBICALK	BRO, CHL, F, NO2, XNO3O, NO32, SO4	TPO4	Dissolved Metals - Lab Filtered*	VRSK175DGMEP (5 day RUSH)	V8260BTX	B8015DRO	V8015GRO	IRBAC, SFBAC, SO4RBAC	CABAL	LAB USE ONLY
BW_Salazar_232985	7/28/2025	10:55	AI	GW	18	6				1					1	X	X	X	X	X	X	X	X	X	X	X	
SWNE_20_3N_67W						AI																					
Temperature, field	16.2	°C																									
pH, field	7.69	s.u.																									
Specific Conductivity, field	3,380.8	uS/cm																									
Oxidation Reduction Potential, field	164.1	mV																									
Dissolved Oxygen, field	5.90	mg/L																									
Turbidity, field	1.42	NTU																									

Turnaround Time (Business days)

- [x] Std. 10 Business Days
- [x] 5 Day RUSH (RSK only)
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency

Emergency & Rush T/A data available VIA LabLink. RUSH TAT approval needed.

Special Reporting Instructions

- [ ] Report in PPB
- [ ] Report in PPM
- [ ] Report MDLs

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ (Results/QC/Narrative (+ chromatograms))
- [ ] REDT2
- [ ] FULT1
- [x] EDD Format: COGCC Compatible

Comments / Special Instructions

*Dissolved Metals (200.7/200.8): BaMS, B, Ca, Fe,Mg, Mn, K, SeMS, Na, Sr

Please also send reports to Jordan.Fleming@absarokasolutions.com.

RUSH 5 DAY TAT FOR RSK.

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

Relinquished by Sampler: 1	Date/Time: 7/28/25 18:00	Received By:	Relinquished By: 2	Date/Time:	Received By: 2
Relinquished by Sampler: 3	Date/Time:	Received By: 3	Relinquished By: 4	Date/Time:	Received By: 4

Custody Seal # Intact [ ] Not Intact [ ] Absent [ ]
Preserved where applicable [x] Cooler Temp. °C: 2.5 Therm. ID: TR2 On Ice [x]

Form MSQA 064-01, RV 6/19/17
http://www.sgs.com/terms-and-conditions

DA73954: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: da73954 **Client:** ABASROKA **Project:** GWA

Date / Time Received: 7/28/2025 6:00:00 PM **Delivery Method:** co **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.5);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐

	W	or	S	N/A
3. Type of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Suffiient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☐		☐	
7. VOCs have headspace	☑		☐	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information

Number of Encores: 25 Gram 5 Gram Number of Lab Filtered Metals

Test Strip Lot #s: pH 0-3: pH 10-12: Other: (Specify)

Residual Chlorine Test Strip Lot

Comments

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 7/28/2025 2:24:13 PM Reviewer: Date:

MS Volatiles

6

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V4977-MB	7V102020.D	1	07/29/25	MB	n/a	n/a	V7V4977

The QC reported here applies to the following samples: **Method:** SW846 8260B

DA73954-1

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	107%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%

Blank Spike Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V4977-BS	7V102018.D	1	07/29/25	MB	n/a	n/a	V7V4977

The QC reported here applies to the following samples: **Method:** SW846 8260B

DA73954-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	51.4	103	70-130
100-41-4	Ethylbenzene	50	52.0	104	70-130
108-88-3	Toluene	50	51.1	102	70-130
	m,p-Xylene	100	105	105	70-130
95-47-6	o-Xylene	50	53.4	107	70-130
1330-20-7	Xylene (total)	150	159	106	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA73545-22MS	7V102024.D	1	07/29/25	MB	n/a	n/a	V7V4977
DA73545-22MSD	7V102025.D	1	07/29/25	MB	n/a	n/a	V7V4977
DA73545-22	7V102026.D	1	07/29/25	MB	n/a	n/a	V7V4977

The QC reported here applies to the following samples: **Method:** SW846 8260B

DA73954-1

CAS No.	Compound	DA73545-22 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	51.9	104	50	51.1	102	2	70-130/30
100-41-4	Ethylbenzene	ND		50	52.6	105	50	52.5	105	0	70-130/30
108-88-3	Toluene	ND		50	52.0	104	50	52.0	104	0	70-130/30
	m,p-Xylene	ND		100	107	107	100	105	105	2	70-130/30
95-47-6	o-Xylene	ND		50	53.2	106	50	53.0	106	0	70-130/30
1330-20-7	Xylene (total)	ND		150	160	107	150	158	105	1	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA73545-22	Limits
1868-53-7	Dibromofluoromethane	103%	102%	107%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	98%	102%	70-130%
2037-26-5	Toluene-D8	100%	101%	97%	70-130%
460-00-4	4-Bromofluorobenzene	105%	108%	93%	70-130%

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

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

Blank Spike Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA3069-BS	GA70406.D	1	08/01/25	MB	n/a	n/a	GGA3069

The QC reported here applies to the following samples: **Method:** SW846 8015C

DA73954-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	2.2	2.09	95	64-130

CAS No.	Surrogate Recoveries	BSP	Limits
120-82-1	1,2,4-Trichlorobenzene	101%	60-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA73545-30MS	GA70410.D	1	08/01/25	MB	n/a	n/a	GGA3069
DA73545-30MSD	GA70411.D	1	08/01/25	MB	n/a	n/a	GGA3069
DA73545-30	GA70409.D	1	08/01/25	MB	n/a	n/a	GGA3069

The QC reported here applies to the following samples: **Method:** SW846 8015C

DA73954-1

CAS No.	Compound	DA73545-30 mg/l	Q	Spike mg/l	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2.2	2.03	92	2.2	2.06	94	1	56-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA73545-30	Limits
120-82-1	1,2,4-Trichlorobenzene	97%	99%	102%	60-140%

* = Outside of Control Limits.

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: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28190-MB	LW45942.D	1	08/05/25	JB	08/01/25	OP28190	GLW1066

The QC reported here applies to the following samples: **Method:** SW846 8015C

DA73954-1

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	98%	44-134%

Blank Spike Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28190-BS	LW45943.D	1	08/05/25	JB	08/01/25	OP28190	GLW1066

The QC reported here applies to the following samples: **Method:** SW846 8015C

DA73954-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	3.64	2.82	78	60-140

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	44-134%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA73954
Account: ANADACOD Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28190-MS	LW45944.D	1	08/05/25	JB	08/01/25	OP28190	GLW1066
OP28190-MSD	LW45945.D	1	08/05/25	JB	08/01/25	OP28190	GLW1066
DA73954-1	LW45946.D	1	08/05/25	JB	08/01/25	OP28190	GLW1066

The QC reported here applies to the following samples: **Method:** SW846 8015C

DA73954-1

CAS No.	Compound	DA73954-1 mg/l	Q	Spike mg/l	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		17.1	14.0	82	18.7	15.5	83	10	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA73954-1	Limits
84-15-1	o-Terphenyl	99%	101%	87%	44-134%

* = 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: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

QC Batch ID: MP42285
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 08/12/25

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	0.014	<2.0
Beryllium	0.20	.015	.1		
Boron	40	8.2	10	2.5	<40
Cadmium	0.10	.024	.05		
Calcium	400	.13	60	9.9	<400
Chromium	2.0	.038	.27		
Cobalt	0.20	.0016	.05		
Copper	2.0	.23	1.5		
Iron	20	.069	10	1.2	<20
Lead	0.50	.0078	.13		
Magnesium	100	.12	20	-0.016	<100
Manganese	1.0	.0099	.51	0.055	<1.0
Molybdenum	1.0	.0029	.2		
Nickel	2.0	.029	.5		
Phosphorus	60	21	25		
Potassium	200	1.7	50	-1.4	<200
Selenium	0.40	.0096	.1	0.0030	<0.40
Silver	0.10	.001	.025		
Sodium	500	1.2	70	22.2	<500
Strontium	20	.0047	5	0.018	<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 MP42285: DA73954-1F

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: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

QC Batch ID: MP42285 Methods: EPA 200.8
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/12/25

Metal	DA73901-1A Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum	anr				
Antimony	anr				
Arsenic	anr				
Barium	30.5	465	400	108.6	70-130
Beryllium					
Boron	865	1240	200	93.8N(a)	70-130
Cadmium	anr				
Calcium	284000	308000	5000	480.0(b)	70-130
Chromium	anr				
Cobalt					
Copper	anr				
Iron	910	1850	1000	94.0	70-130
Lead	anr				
Magnesium	31600	36500	5000	98.0	70-130
Manganese	555	643	100	88.0	70-130
Molybdenum	anr				
Nickel	anr				
Phosphorus					
Potassium	28700	32700	5000	80.0	70-130
Selenium	0.079	183	200	91.5	70-130
Silver	anr				
Sodium	352000	379000	5000	540.0(b)	70-130
Strontium	4410	4700	100	290.0(b)	70-130
Thallium	anr				
Tin					
Titanium					
Uranium	anr				
Vanadium					
Zinc	anr				

Associated samples MP42285: DA73954-1F

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) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

QC Batch ID: MP42285 Methods: EPA 200.8
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/12/25

	DA73901-1A	Spikelot		QC
Metal	Original MS	ICPMS6	% Rec	Limits

information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

QC Batch ID: MP42285 Methods: EPA 200.8
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/12/25

Metal	DA73901-1A Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	30.5	466	400	108.9	0.2	20
Beryllium						
Boron	865	956	200	45.6N(a)	25.9 (b)	20
Cadmium	anr					
Calcium	284000	306000	5000	440.0(c)	0.7	20
Chromium	anr					
Cobalt						
Copper	anr					
Iron	910	1910	1000	100.0	3.2	20
Lead	anr					
Magnesium	31600	36800	5000	104.0	0.8	20
Manganese	555	654	100	99.0	1.7	20
Molybdenum	anr					
Nickel	anr					
Phosphorus						
Potassium	28700	33200	5000	90.0	1.5	20
Selenium	0.079	185	200	92.5	1.1	20
Silver	anr					
Sodium	352000	385000	5000	660.0(c)	1.6	20
Strontium	4410	4820	100	410.0(c)	2.5	20
Thallium	anr					
Tin						
Titanium						
Uranium	anr					
Vanadium						
Zinc	anr					

Associated samples MP42285: DA73954-1F

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) High RPD due to possible sample matrix or nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

QC Batch ID: MP42285 Methods: EPA 200.8
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/12/25

Metal	DA73901-1A Original MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit

(c) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

QC Batch ID: MP42285
Matrix Type: AQUEOUS

Methods: EPA 200.8
Units: ug/l

Prep Date: 08/12/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	416	400	104.0	85-115
Beryllium	anr			
Boron	201	200	100.6	85-115
Cadmium	anr			
Calcium	5030	5000	100.6	85-115
Chromium	anr			
Cobalt				
Copper	anr			
Iron	1020	1000	102.0	85-115
Lead	anr			
Magnesium	5100	5000	102.0	85-115
Manganese	99.6	100	99.6	85-115
Molybdenum	anr			
Nickel	anr			
Phosphorus				
Potassium	5040	5000	100.8	85-115
Selenium	198	200	99.0	85-115
Silver	anr			
Sodium	5080	5000	101.6	85-115
Strontium	99.5	100	99.5	85-115
Thallium	anr			
Tin				
Titanium				
Uranium	anr			
Vanadium				
Zinc	anr			

Associated samples MP42285: DA73954-1F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(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: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Alkalinity, Bicarbonate as CaC	GN68201	5.0	0.0	mg/l	100	106	106.1	90-110%
Alkalinity, Carbonate	GN68202	5.0	0.0	mg/l	100	106	106.1	90-110%
Alkalinity, Total as CaCO3	GN68200	5.0	0.0	mg/l	100	106	106.1	90-110%
Bromide	GP39130/GN68249	0.050	0.0	mg/l	0.5	0.520	104.0	90-110%
Chloride	GP39130/GN68249	0.50	0.0	mg/l	5	5.03	100.6	90-110%
Fluoride	GP39130/GN68249	0.10	0.0	mg/l	1	1.01	101.0	90-110%
Iron-Related Bacteria	MB1865	25	<25	CFU/ml				
Nitrogen, Nitrate	GP39130/GN68249	0.010	0.0	mg/l	0.1	0.0995	99.5	90-110%
Nitrogen, Nitrite	GP39130/GN68249	0.0040	0.0	mg/l	0.05	0.0518	103.6	90-110%
Phosphorus, Total	GP39221/GN68461	0.010	0.0	mg/l	0.2	0.194	97.0	90-110%
Slime Forming Bacteria	MB1864	500	<500	CFU/ml				
Solids, Total Dissolved	GN68142	10	0.0	mg/l	1000	1050	105.2	90-110%
Specific Conductivity	GP39202/GN68415			mmhos/cm	10	1.4	98.8	90-110%
Specific Conductivity	GP39202/GN68415			umhos/cm	1409	1390	98.8	90-110%
Sulfate	GP39130/GN68249	0.50	0.0	mg/l	5	5.05	101.0	90-110%
Sulfate Reducing Bacteria	MB1866	200	<200	CFU/ml				

Associated Samples:
Batch MB1864: DA73954-1B
Batch MB1865: DA73954-1B
Batch MB1866: DA73954-1B
Batch GN68142: DA73954-1
Batch GN68200: DA73954-1
Batch GN68201: DA73954-1
Batch GN68202: DA73954-1
Batch GP39130: DA73954-1
Batch GP39202: DA73954-1
Batch GP39221: DA73954-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN68200	DA73954-1	mg/l	380	382	0.4	0-20%
Iron-Related Bacteria	MB1865	DA73954-1B	CFU/ml	2200	2200	0.0	0-%
Phosphorus, Total	GP39221/GN68461	DA73898-1	mg/l	0.060	0.059	1.7	0-20%
Slime Forming Bacteria	MB1864	DA73954-1B	CFU/ml	67000	67000	0.0	0-%
Solids, Total Dissolved	GN68142	DA73973-8	mg/l	904	876	3.1	0-5.44%
Specific Conductivity	GP39202/GN68415	DA74079-1	umhos/cm	3320	3300	0.6	0-20%
Specific Conductivity	GP39202/GN68415	DA74079-1	mmhos/cm	3320	1.4	0.6	0-20%
Sulfate Reducing Bacteria	MB1866	DA73954-1B	CFU/ml	27000	27000	0.0	0-%
pH	GN68414	DA74146-24	su	7.69	7.72(a)	0.4(a)	0-5%

Associated Samples:
Batch MB1864: DA73954-1B
Batch MB1865: DA73954-1B
Batch MB1866: DA73954-1B
Batch GN68142: DA73954-1
Batch GN68200: DA73954-1
Batch GN68414: DA73954-1
Batch GP39202: DA73954-1
Batch GP39221: DA73954-1
(*) Outside of QC limits
(a) Analysis performed past the required 15 minutes from collection time/holding time.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Alkalinity, Total as CaCO3	GN68200	DA73954-1	mg/l	380	100	492	112.2	80-120%
Bromide	GP39130/GN68249	DA73921-1	mg/l	0.0	0.5	0.0	0.0N(a)	80-120%
Chloride	GP39130/GN68249	DA73921-1	mg/l	41.6	5	44.6	60.0(b)	80-120%
Fluoride	GP39130/GN68249	DA73921-1	mg/l	1.7	1	2.7	100.0	80-120%
Nitrogen, Nitrate	GP39130/GN68249	DA73921-1	mg/l	0.0	0.1	0.0	0.0N(a)	80-120%
Nitrogen, Nitrite	GP39130/GN68249	DA73921-1	mg/l	0.0	0.05	0.0	0.0N(a)	80-120%
Phosphorus, Total	GP39221/GN68461	DA73898-1	mg/l	0.060	0.2	0.30	114.0N(a)	90-110%
Sulfate	GP39130/GN68249	DA73921-1	mg/l	0.0	5	5.4	108.0	80-120%

Associated Samples:
Batch GN68200: DA73954-1
Batch GP39130: DA73954-1
Batch GP39221: DA73954-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA73954
Account: ANADACOD - Occidental Petroleum Corporation
Project: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Alkalinity, Total as CaCO3	GN68200	DA73954-1	mg/l	380	100	490	0.5	20%

Associated Samples:
Batch GN68200: DA73954-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

AQ

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 #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA73954

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City / State / Zip: Wheat Ridge, CO 8003
Project Contact / E-mail: parna.eskandaripayandeh@sgs.com
Phone # / Fax #: 303-425-6021
Sampler(s) Name(s) / Phone: Al

Project Information

Project Name: Kerr-McGee: GWA_GWA_Salazar_5_20HZ
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VGC+UNPR..VRSK175DGMEP..	LAB USE ONLY
1A	BW_SALAZAR_232985 SWNE_20_3N		7/28/25	10:55:00 AM	Al	AQ										X	

Matrix Codes

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

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
- [X] other Due 8/4/2025

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

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] CC

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Initial Assessment SB XL
Label Verification

http://www.sgs.com/en/terms-and-conditions

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 FedEx	7/31/25 1000	1	2		2
3		3	4		4
5		5	Custody Seal #	Intact / Not Intact	Preserved where applicable / On Ice / Cooler Temp.

IRSC

11.1 11

DA73954: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA73954 **Client:** **Project:**

Date / Time Received: 7/31/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (4.0);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR-50		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

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

Comments

SM089-03
Rev. Date 12/7/17

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: DA73954
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA3344-MB	AA116898.D	1	08/06/25	WC	n/a	n/a	GAA3344

The QC reported here applies to the following samples: **Method:** RSK-175

DA73954-1A

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	

Laboratory Control Sample Summary

Job Number: DA73954
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA3344-LCS	AA116919.D	1	08/06/25	WC	n/a	n/a	GAA3344

The QC reported here applies to the following samples: **Method:** RSK-175

DA73954-1A

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
74-82-8	Methane	10.8	10.8	100	85-115
74-84-0	Ethane	21.7	21.9	101	85-115
74-98-6	Propane	30.3	28.3	93	85-115

* = Outside of Control Limits.

Duplicate Summary

Job Number: DA73954
Account: ALMS SGS Wheat Ridge, CO
Project: ANADACOD: Kerr-McGee: GWA_GWA_Salazar_5_20HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE16450-2DUP	AA116900.D	1	08/06/25	WC	n/a	n/a	GAA3344
JE16450-2	AA116899.D	1	08/06/25	WC	n/a	n/a	GAA3344

The QC reported here applies to the following samples: **Method:** RSK-175

DA73954-1A

CAS No.	Compound	JE16450-2 ug/l	Q	DUP ug/l	Q	RPD	Limits
74-82-8	Methane	27.8		28.5		2	20
74-84-0	Ethane	ND		ND		nc	20
74-98-6	Propane	ND		ND		nc	20

* = Outside of Control Limits.