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## Technical Report for

### Occidental Petroleum Corporation

Kerr-McGee:GWA\_Remora\_6\_Pad

FID. 752750 - REG. VOL - FRQ. IN

SGS Job Number: DA77451

Sampling Date: 11/19/25

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Total number of pages in report: 55



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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Test results relate only to samples analyzed.

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# Table of Contents

-1-

<b>Section 1: Sample Summary</b> .....	<b>3</b>
<b>Section 2: Case Narrative/Conformance Summary</b> .....	<b>4</b>
<b>Section 3: Summary of Hits</b> .....	<b>10</b>
<b>Section 4: Sample Results</b> .....	<b>11</b>
<b>4.1:</b> DA77451-1: BW_BARBER_215252_SWSW_1_4S_64W .....	12
<b>4.2:</b> DA77451-1A: BW_BARBER_215252_SWSW_1_4S_64W .....	16
<b>4.3:</b> DA77451-1B: BW_BARBER_215252_SWSW_1_4S_64W .....	17
<b>4.4:</b> DA77451-1F: BW_BARBER_215252_SWSW_1_4S_64W .....	18
<b>Section 5: Misc. Forms</b> .....	<b>19</b>
<b>5.1:</b> Chain of Custody .....	20
<b>Section 6: MS Volatiles - QC Data Summaries</b> .....	<b>22</b>
<b>6.1:</b> Method Blank Summary .....	23
<b>6.2:</b> Blank Spike Summary .....	24
<b>6.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	25
<b>Section 7: GC/LC Semi-volatiles - QC Data Summaries</b> .....	<b>26</b>
<b>7.1:</b> Method Blank Summary .....	27
<b>7.2:</b> Blank Spike Summary .....	28
<b>7.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	29
<b>Section 8: Metals Analysis - QC Data Summaries</b> .....	<b>30</b>
<b>8.1:</b> Prep QC MP44628: Ba,B,Ca,Fe,Mg,Mn,K,Se,Na,Sr .....	31
<b>Section 9: General Chemistry - QC Data Summaries</b> .....	<b>35</b>
<b>9.1:</b> Method Blank and Spike Results Summary .....	36
<b>9.2:</b> Duplicate Results Summary .....	37
<b>9.3:</b> Matrix Spike Results Summary .....	38
<b>9.4:</b> Matrix Spike Duplicate Results Summary .....	39
<b>Section 10: Misc. Forms (SGS Scott, LA)</b> .....	<b>40</b>
<b>10.1:</b> Chain of Custody .....	41
<b>Section 11: GC Volatiles - QC Data (SGS Scott, LA)</b> .....	<b>45</b>
<b>11.1:</b> Method Blank Summary .....	46
<b>11.2:</b> Blank Spike/Blank Spike Duplicate Summary .....	47
<b>11.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	48
<b>Section 12: Misc. Forms (SGS Dayton, NJ)</b> .....	<b>49</b>
<b>12.1:</b> Chain of Custody .....	50
<b>Section 13: GC Volatiles - QC Data (SGS Dayton, NJ)</b> .....	<b>52</b>
<b>13.1:</b> Method Blank Summary .....	53
<b>13.2:</b> Laboratory Control Sample Summary .....	54
<b>13.3:</b> Duplicate Summary .....	55



## Sample Summary

**Occidental Petroleum Corporation**

**Job No: DA77451**

**Kerr-McGee:GWA\_Remora\_6\_Pad**

**Project No: FID. 752750 - REG. VOL - FRQ. IN**

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**

DA77451-1	11/19/25	11:42	AI	11/20/25	AQ	Ground Water	BW_BARBER_215252_SWSW_1_4S_64W
DA77451-1A	11/19/25	11:42	AI	11/20/25	AQ	Ground Water	BW_BARBER_215252_SWSW_1_4S_64W
DA77451-1B	11/19/25	11:42	AI	11/20/25	AQ	Ground Water	BW_BARBER_215252_SWSW_1_4S_64W
DA77451-1F	11/19/25	11:42	AI	11/20/25	AQ	Groundwater Filtered	BW_BARBER_215252_SWSW_1_4S_64W

## CASE NARRATIVE / CONFORMANCE SUMMARY

**Client:** Occidental Petroleum Corporation

**Job No:** DA77451

**Site:** Kerr-McGee:GWA\_Remora\_6\_Pad

**Report Date** 12/17/2025 6:47:02 A

On 11/20/2025, 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 DA77451 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

<b>Matrix:</b> AQ	<b>Batch ID:</b> V5V4580
-------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- Sample(s) DA77763-24MS, DA77763-24MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

### GC Volatiles By Method RSK-175

<b>Matrix:</b> AQ	<b>Batch ID:</b> N:GAA3418
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- The data for RSK-175 meets quality control requirements.
- DA77451-1A: Analysis performed at SGS Dayton, NJ.

### GC Volatiles By Method SW846 8015C

<b>Matrix:</b> AQ	<b>Batch ID:</b> L:GLA4653
-------------------	----------------------------

- The data for SW846 8015C meets quality control requirements.
- DA77451-1: Analysis performed at SGS Scott, LA.

### GC/LC Semi-volatiles By Method SW846 8015C

<b>Matrix:</b> AQ	<b>Batch ID:</b> OP29435
-------------------	--------------------------

- All samples were analyzed within the recommended method holding time.
- Sample(s) DA77633-1MS, DA77633-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The following samples were extracted outside of holding time for method SW846 8015C: DA77451-1 Sample extracted beyond hold time.
- DA77451-1: Sample extracted beyond hold time.

## Metals Analysis By Method EPA 200.8

**Matrix:** AQ

**Batch ID:** MP44628

- 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) DA77372-4AMSD, DA77372-4AMS, DA77372-4AMSD were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Boron, Iron are outside control limits. Spike recovery indicates possible matrix interference.
- The matrix spike duplicate (MSD) recovery(s) of Boron are outside control limits. Probable cause due to matrix interference.
- The matrix spike (MS) recovery(s) of Calcium, Strontium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- MP44628-MB for Iron: Element detected in the MB greater than 1/2 the reporting limit. Reported samples are ND or 10x the result of the MB.

## General Chemistry By Method EPA 300.0

**Matrix:** AQ

**Batch ID:** GP40111

- 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) DA77133-2MS, DA77133-2MSD were used as the QC samples for the Bromide, Chloride, Fluoride, Nitrogen, Nitrate, Nitrogen, Nitrite, Bromide, Sulfate analysis.
- The matrix spike (MS) recovery(s) of Sulfate are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- DA77451-1 for Nitrogen, Nitrate: Elevated detection limit due to matrix interference.

**Matrix:** AQ

**Batch ID:** R83757

- The data for EPA 300.0 meets quality control requirements.
- DA77451-1 for Nitrogen, Nitrate + Nitrite: Calculated as: (Nitrogen, Nitrate) + (Nitrogen, Nitrite)

## General Chemistry By Method EPA 365.1

**Matrix:** AQ

**Batch ID:** GP40177

- 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) DA77372-4DUP, DA77372-4MS were used as the QC samples for the Phosphorus, Total analysis.

## General Chemistry By Method HACH IRB-BART-NOCERT

**Matrix:** AQ

**Batch ID:** MB1888

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA76514-1BDUP were used as the QC samples for the Iron-Related Bacteria analysis.
- MB1888-MB for Iron-Related Bacteria: Certification for test not offered.
- DA77451-1B for Iron-Related Bacteria: Certification for test not offered.



## General Chemistry By Method SM4500HB+-2011/9040C

**Matrix:** AQ

**Batch ID:** GN71129

- Sample(s) DA77385-1DUP were used as the QC samples for the pH analysis.
- The following samples were run outside of holding time for method SM4500HB+-2011/9040C: DA77451-1 Analysis performed past the required 15 minutes from collection time/holding time.

## Field Data By Method FIELD

**Matrix:** AQ

**Batch ID:** R82632

- 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:** DA77451

**Site:** ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

**Report Date:** 11/30/2025 6:58:54 P

On 11/20/2025, 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 1.3 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA77451 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

<b>Matrix:</b> AQ	<b>Batch ID:</b> GLA4653
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- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA77388-1MS, DA77388-1MSD were used as the QC samples indicated.
- The matrix spike (MS) recovery(s) of TPH-GRO (C6-C10) are outside control limits. Outside control limits due to high level in sample relative to spike amount.

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:** DA77451

**Site:** ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

**Report Date** 12/1/2025 9:00:06 AM

On 11/22/2025, 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 2.5 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA77451 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:** GAA3418

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE23202-22DUP 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.

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:** DA77451  
**Account:** Occidental Petroleum Corporation  
**Project:** Kerr-McGee:GWA\_Remora\_6\_Pad  
**Collected:** 11/19/25



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA77451-1 BW\_BARBER\_215252\_SWSW\_1\_4S\_64W

Fluoride		1.9	0.10		mg/l	EPA 300.0
Chloride		7.8	0.50		mg/l	EPA 300.0
Bromide		0.17	0.050		mg/l	EPA 300.0
Sulfate		0.65	0.50		mg/l	EPA 300.0
Alkalinity, Bicarbonate as CaCO3		199	5.0		mg/l	SM 2320B-2011
Alkalinity, Total as CaCO3		199	5.0		mg/l	SM 2320B-2011
Cation Anion Balance		4.4			%	SM1030E-2011
Solids, Total Dissolved		170	10		mg/l	SM 2540C-2020 & 2011
Specific Conductivity		389	0.0010		mmhos/cm	SM 2510B-2011
pH <sup>a</sup>		8.33			su	SM4500HB+ -2011/9040C
Oxygen, Dissolved (Field)		0.13			mg/l	FIELD
Temperature (Field)		16			Deg. C	FIELD
pH (Field)		8.32			su	FIELD
Specific Conductivity (Field)		363.5	0.50		umhos/cm	FIELD
Turbidity		0.02			NTU	FIELD

DA77451-1A BW\_BARBER\_215252\_SWSW\_1\_4S\_64W

Methane <sup>b</sup>		0.162	0.00055	0.00015	mg/l	RSK-175
Ethane <sup>b</sup>		0.00017 J	0.00023	0.000090	mg/l	RSK-175

DA77451-1B BW\_BARBER\_215252\_SWSW\_1\_4S\_64W

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

DA77451-1F BW\_BARBER\_215252\_SWSW\_1\_4S\_64W

Barium		0.0861	0.0020		mg/l	EPA 200.8
Boron		0.0709	0.040		mg/l	EPA 200.8
Calcium		10.6	0.40		mg/l	EPA 200.8
Magnesium		0.684	0.10		mg/l	EPA 200.8
Manganese		0.0097	0.0010		mg/l	EPA 200.8
Potassium		1.88	0.20		mg/l	EPA 200.8
Sodium		93.8	2.5		mg/l	EPA 200.8
Strontium		0.255	0.020		mg/l	EPA 200.8

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

(b) Analysis performed at SGS Dayton, NJ.

(c) Certification for test not offered.

**Sample Results**

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**Report of Analysis**

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## Report of Analysis

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W	<b>Date Sampled:</b> 11/19/25
<b>Lab Sample ID:</b> DA77451-1	<b>Date Received:</b> 11/20/25
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> SW846 8260D	
<b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V96795.D	1	11/25/25 12:32	MB	n/a	n/a	V5V4580
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	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	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	99%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	103%		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

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W <b>Lab Sample ID:</b> DA77451-1 <b>Matrix:</b> AQ - Ground Water <b>Method:</b> SW846 8015C <b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	<b>Date Sampled:</b> 11/19/25 <b>Date Received:</b> 11/20/25 <b>Percent Solids:</b> n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	LA448300.D	1	11/25/25 16:04	ALA	n/a	n/a	L:GLA4653
Run #2							

Run #	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	86%		72-123%		
540-36-3	1,4-Difluorobenzene	88%		76-126%		

(a) Analysis performed at SGS Scott, LA.

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

## Report of Analysis

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W <b>Lab Sample ID:</b> DA77451-1 <b>Matrix:</b> AQ - Ground Water <b>Method:</b> SW846 8015C SW846 3511 <b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	<b>Date Sampled:</b> 11/19/25 <b>Date Received:</b> 11/20/25 <b>Percent Solids:</b> n/a
--	---

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	LW50598.D	1	12/02/25 15:23	JB	12/02/25 10:30	OP29435	GLW1192
Run #2							

Run #	Initial Volume	Final Volume
Run #1	57.4 ml	2.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	0.17	0.12	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
84-15-1	o-Terphenyl	111%		44-134%		

(a) Sample extracted beyond hold time.

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

4.1  
4

## Report of Analysis

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W	<b>Date Sampled:</b> 11/19/25
<b>Lab Sample ID:</b> DA77451-1	<b>Date Received:</b> 11/20/25
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>300.0</b>							
Fluoride	1.9	0.10	mg/l	1	11/20/25 14:14	JB	EPA 300.0
Chloride	7.8	0.50	mg/l	1	11/20/25 14:14	JB	EPA 300.0
Nitrogen, Nitrite	< 0.0040	0.0040	mg/l	1	11/20/25 14:14	JB	EPA 300.0
Bromide	0.17	0.050	mg/l	1	11/20/25 14:14	JB	EPA 300.0
Nitrogen, Nitrate <sup>a</sup>	< 0.020	0.020	mg/l	2	11/20/25 14:59	JB	EPA 300.0
Sulfate	0.65	0.50	mg/l	1	11/20/25 14:14	JB	EPA 300.0
<b>300.0 NO2 + NO3O</b>							
Nitrogen, Nitrate + Nitrite <sup>b</sup>	< 0.024	0.024	mg/l	1	11/20/25 14:59	JB	EPA 300.0
Alkalinity, Bicarbonate as CaC	199	5.0	mg/l	1	11/21/25 11:29	JW	SM 2320B-2011
Alkalinity, Carbonate	< 5.0	5.0	mg/l	1	11/21/25 11:29	JW	SM 2320B-2011
Alkalinity, Total as CaCO3	199	5.0	mg/l	1	11/21/25 11:29	JW	SM 2320B-2011
Cation Anion Balance	4.4		%	1	12/10/25	SN	SM1030E-2011
Phosphorus, Total	< 0.010	0.010	mg/l	1	12/04/25 16:20	TH	EPA 365.1
Solids, Total Dissolved	170	10	mg/l	1	11/24/25 07:00	JW	SM 2540C-2020 & 2011
Specific Conductivity	389	0.0010	mmhos/cm	1	12/02/25 09:25	SG	SM 2510B-2011
pH <sup>c</sup>	8.33		su	1	12/02/25 09:25	SG	SM4500HB+ -2011/9040C

### Field Parameters

Oxygen, Dissolved (Field)	0.13		mg/l	1	11/19/25 11:42	SUB	FIELD
Redox Potential Vs H2	-38.9		mv	1	11/19/25 11:42	SUB	FIELD
Specific Conductivity (Field)	363.5	0.50	umhos/cm	1	11/19/25 11:42	SUB	FIELD
Temperature (Field)	16		Deg. C	1	11/19/25 11:42	SUB	FIELD
Turbidity	0.02		NTU	1	11/19/25 11:42	SUB	FIELD
pH (Field)	8.32		su	1	11/19/25 11:42	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

4.1  
4

## Report of Analysis

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W	<b>Date Sampled:</b> 11/19/25
<b>Lab Sample ID:</b> DA77451-1A	<b>Date Received:</b> 11/20/25
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Method:</b> RSK-175	
<b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 <sup>a</sup>	AA118874.D	1	11/26/25 09:39	ANJ	n/a	n/a	N:GAA3418
Run #2 <sup>a</sup>	AA118875.D	5	11/26/25 09:53	ANJ	n/a	n/a	N:GAA3418

**Methane, Ethane, Propane by RSK-175**

CAS No.	Compound	Result	RL	MDL	Units	Q
74-82-8	Methane	0.162 <sup>b</sup>	0.00055	0.00015	mg/l	
74-84-0	Ethane	0.00017	0.00023	0.000090	mg/l	J
74-98-6	Propane	ND	0.00033	0.00011	mg/l	

(a) Analysis performed at SGS Dayton, NJ.

(b) Result is from Run# 2

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

4.2  
4

## Report of Analysis

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W	<b>Date Sampled:</b> 11/19/25
<b>Lab Sample ID:</b> DA77451-1B	<b>Date Received:</b> 11/20/25
<b>Matrix:</b> AQ - Ground Water	<b>Percent Solids:</b> n/a
<b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Not certifiable							
Iron-Related Bacteria <sup>a</sup>	150	25	CFU/ml	1	12/02/25 13:00	JW	HACH IRB-BART-NOCERT
Slime Forming Bacteria <sup>a</sup>	< 500	500	CFU/ml	1	12/02/25 13:00	JW	HC SLYM-BART-NO CERT
Sulfate Reducing Bacteria <sup>a</sup>	< 200	200	CFU/ml	1	12/02/25 13:00	JW	HC SRB-BART-NO CERT

(a) Certification for test not offered.

---

RL = Reporting Limit

4.3  
4

## Report of Analysis

<b>Client Sample ID:</b> BW_BARBER_215252_SWSW_1_4S_64W <b>Lab Sample ID:</b> DA77451-1F <b>Matrix:</b> AQ - Groundwater Filtered <b>Project:</b> Kerr-McGee:GWA_Remora_6_Pad	<b>Date Sampled:</b> 11/19/25 <b>Date Received:</b> 11/20/25 <b>Percent Solids:</b> n/a
--	---

### Dissolved Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Barium	0.0861	0.0020	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Boron	0.0709	0.040	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Calcium	10.6	0.40	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Iron	< 0.020	0.020	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Magnesium	0.684	0.10	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Manganese	0.0097	0.0010	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Potassium	1.88	0.20	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Selenium	< 0.00040	0.00040	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Sodium	93.8	2.5	mg/l	5	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>
Strontium	0.255	0.020	mg/l	1	11/22/25	12/05/25 GS	EPA 200.8 <sup>1</sup>	EPA 200.8 <sup>2</sup>

(1) Instrument QC Batch: MA19920

(2) Prep QC Batch: MP44628

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RL = Reporting Limit

4.4  
4

**Misc. Forms**

**Custody Documents and Other Forms**

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**Includes the following where applicable:**

- Chain of Custody



CHAIN OF CUSTODY

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

Table with 2 columns: Bottle Order Control #, FED-EX Tracking #; SGS Quote #, SGS Job # DA77451

Main form containing Client/Reporting Information, Project Information, Requested Analysis, Matrix Codes, Collection table, Data Deliverable Information, and Sample Custody tracking.

5.1 5

DA77451: Chain of Custody

Page 1 of 2





## MS Volatiles

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## QC Data Summaries

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**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: DA77451  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4580-MB	5V96778.D	1	11/25/25	MB	n/a	n/a	V5V4580

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77451-1

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	91% 70-130%
17060-07-0	1,2-Dichloroethane-D4	98% 70-130%
2037-26-5	Toluene-D8	96% 70-130%
460-00-4	4-Bromofluorobenzene	105% 70-130%

6.1.1  
6

# Blank Spike Summary

Job Number: DA77451  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4580-BS	5V96776.D	1	11/25/25	MB	n/a	n/a	V5V4580

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77451-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	51.5	103	70-130
100-41-4	Ethylbenzene	50	52.3	105	70-130
108-88-3	Toluene	50	51.0	102	70-130
	m,p-Xylene	100	106	106	70-130
95-47-6	o-Xylene	50	53.2	106	70-130
1330-20-7	Xylene (total)	150	159	106	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77451  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77763-24MS	5V96779.D	1	11/25/25	MB	n/a	n/a	V5V4580
DA77763-24MSD	5V96780.D	1	11/25/25	MB	n/a	n/a	V5V4580
DA77763-24	5V96781.D	1	11/25/25	MB	n/a	n/a	V5V4580

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77451-1

CAS No.	Compound	DA77763-24 Spike		MS	MS	Spike	MSD	MSD	RPD	Limits
		ug/l	Q	ug/l	ug/l	%	ug/l	ug/l		%
71-43-2	Benzene	ND	50	50.8	102	50	51.6	103	2	70-130/30
100-41-4	Ethylbenzene	ND	50	52.7	105	50	53.0	106	1	70-130/30
108-88-3	Toluene	ND	50	50.6	101	50	51.3	103	1	70-130/30
	m,p-Xylene	ND	100	106	106	100	107	107	1	70-130/30
95-47-6	o-Xylene	ND	50	53.9	108	50	53.7	107	0	70-130/30
1330-20-7	Xylene (total)	ND	150	160	107	150	160	107	0	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77763-24 Limits	
1868-53-7	Dibromofluoromethane	92%	92%	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	98%	70-130%
2037-26-5	Toluene-D8	95%	96%	96%	70-130%
460-00-4	4-Bromofluorobenzene	98%	99%	104%	70-130%

\* = Outside of Control Limits.

## GC/LC Semi-volatiles

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### QC Data Summaries

7

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**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: DA77451  
Account: ANADACOD Occidental Petroleum Corporation  
Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29435-MB	LW50594.D	1	12/02/25	JB	12/02/25	OP29435	GLW1192

The QC reported here applies to the following samples:

Method: SW846 8015C

DA77451-1

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	114% 44-134%

7.1.1  
7

# Blank Spike Summary

Job Number: DA77451  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29435-BS	LW50595.D	1	12/02/25	JB	12/02/25	OP29435	GLW1192

The QC reported here applies to the following samples:

Method: SW846 8015C

DA77451-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-DRO (C10-C28)	3.64	3.82	105	60-140

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	125%	44-134%

\* = Outside of Control Limits.

7.2.1  
7

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77451  
 Account: ANADACOD Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29435-MS	LW50596.D	1	12/02/25	JB	12/02/25	OP29435	GLW1192
OP29435-MSD	LW50597.D	1	12/02/25	JB	12/02/25	OP29435	GLW1192
DA77633-1 <sup>a</sup>	LW50602.D	1	12/02/25	JB	12/02/25	OP29435	GLW1192

The QC reported here applies to the following samples:

Method: SW846 8015C

DA77451-1

CAS No.	Compound	DA77633-1 mg/l	Spike Q	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND	7.25	7.43	103	6.78	6.41	95	15	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77633-1	Limits
84-15-1	o-Terphenyl	126%	124%	114%	44-134%

(a) Sample received outside the holding time.

\* = Outside of Control Limits.

7.3.1  
7

## Metals Analysis

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### QC Data Summaries



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#### 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: DA77451  
Account: ANADACOD - Occidental Petroleum Corporation  
Project: Kerr-McGee:GWA\_Remora\_6\_Pad

QC Batch ID: MP44628  
Matrix Type: AQUEOUS

Methods: EPA 200.8  
Units: ug/l

Prep Date: 11/22/25

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	0.035	<2.0
Beryllium	0.20	.015	.1		
Boron	40	8.2	10	2.9	<40
Cadmium	0.10	.024	.05		
Calcium	400	.13	60	5.6	<400
Chromium	2.0	.038	.27		
Cobalt	0.20	.0016	.05		
Iron	20	.069	10	25.1	* (a)
Lead	0.50	.0078	.13		
Magnesium	100	.12	20	-31	<100
Manganese	1.0	.0099	.51	0.11	<1.0
Molybdenum	1.0	.0029	.2		
Phosphorus	60	21	25		
Potassium	200	1.7	50	6.2	<200
Selenium	0.40	.0096	.1	0.027	<0.40
Silver	0.10	.001	.025		
Sodium	500	1.2	70	12.7	<500
Strontium	20	.0047	5	0.020	<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 MP44628: DA77451-1F

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

(a) Element detected in the MB greater than 1/2 the reporting limit. Reported samples are ND or 10x the result of the MB.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77451  
 Account: ANADACOD - Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

QC Batch ID: MP44628  
 Matrix Type: AQUEOUS

Methods: EPA 200.8  
 Units: ug/l

Prep Date: 11/22/25

Metal	DA77372-4A Original MS		Spike lot ICPMS6		QC Limits
			%	Rec	
Aluminum					
Antimony					
Arsenic	anr				
Barium	42.5	459	400	104.1	70-130
Beryllium					
Boron	36.8	254	400	54.3N(a)	70-130
Cadmium	anr				
Calcium	126000	142000	5000	320.0(b)	70-130
Chromium	anr				
Cobalt					
Copper	anr				
Iron	3700	5070	1000	137.0N(a)	70-130
Lead	anr				
Magnesium	5920	11700	5000	115.6	70-130
Manganese	289	406	100	117.0	70-130
Molybdenum	anr				
Phosphorus					
Potassium	2070	7810	5000	114.8	70-130
Selenium	0.51	205	200	102.2	70-130
Silver	anr				
Sodium	18800	24500	5000	114.0	70-130
Strontium	1860	2160	100	300.0(b)	70-130
Thallium					
Tin					
Titanium					
Uranium	anr				
Vanadium					
Zinc	anr				

Associated samples MP44628: DA77451-1F

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 information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77451  
 Account: ANADACOD - Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

QC Batch ID: MP44628  
 Matrix Type: AQUEOUS

Methods: EPA 200.8  
 Units: ug/l

Prep Date: 11/22/25

Metal	DA77372-4A Original MSD		SpikeLot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	anr					
Barium	42.5	448	400	101.4	5.6	20
Beryllium						
Boron	36.8	254	400	54.3N(a)	3.6	20
Cadmium	anr					
Calcium	126000	140000	5000	280.0(b)	1.4	20
Chromium	anr					
Cobalt						
Copper	anr					
Iron	3700	5050	1000	135.0N(a)	4.8	20
Lead	anr					
Magnesium	5920	11300	5000	107.6	2.6	20
Manganese	289	394	100	105.0	6.9	20
Molybdenum	anr					
Phosphorus						
Potassium	2070	7620	5000	111.0	0.9	20
Selenium	0.51	199	200	99.2	6.8	20
Silver	anr					
Sodium	18800	23800	5000	100.0	8.8	20
Strontium	1860	2120	100	260.0(b)	1.9	20
Thallium						
Tin						
Titanium						
Uranium	anr					
Vanadium						
Zinc	anr					

Associated samples MP44628: DA77451-1F

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 information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77451  
 Account: ANADACOD - Occidental Petroleum Corporation  
 Project: Kerr-McGee:GWA\_Remora\_6\_Pad

QC Batch ID: MP44628  
 Matrix Type: AQUEOUS

Methods: EPA 200.8  
 Units: ug/l

Prep Date: 11/22/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	anr			
Barium	410	400	102.5	85-115
Beryllium				
Boron	221	200	110.6	85-115
Cadmium	anr			
Calcium	5300	5000	106.0	85-115
Chromium	anr			
Cobalt				
Copper	anr			
Iron	1060	1000	106.0	85-115
Lead	anr			
Magnesium	5590	5000	111.8	85-115
Manganese	103	100	103.0	85-115
Molybdenum	anr			
Phosphorus				
Potassium	5570	5000	111.4	85-115
Selenium	205	200	102.5	85-115
Silver	anr			
Sodium	5390	5000	107.8	85-115
Strontium	103	100	103.0	85-115
Thallium				
Tin				
Titanium				
Uranium	anr			
Vanadium				
Zinc	anr			

Associated samples MP44628: DA77451-1F

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

8.1.3  
8

## General Chemistry

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### QC Data Summaries

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**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: DA77451  
Account: ANADACOD - Occidental Petroleum Corporation  
Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Alkalinity, Bicarbonate as CaC	GN70972	5.0	0.0	mg/l	100	106	105.6	90-110%
Alkalinity, Carbonate	GN70973	5.0	0.0	mg/l	100	106	105.6	90-110%
Alkalinity, Total as CaCO3	GN70971	5.0	0.0	mg/l	100	106	105.6	90-110%
Bromide	GP40111/GN71000	0.050	0.0	mg/l	0.5	0.507	101.4	90-110%
Chloride	GP40111/GN71000	0.50	0.0	mg/l	5	4.96	99.2	90-110%
Fluoride	GP40111/GN71000	0.10	0.0	mg/l	1	0.977	97.7	90-110%
Iron-Related Bacteria	MB1888	25	<25 (a)	CFU/ml				
Nitrogen, Nitrate	GP40111/GN71000	0.010	0.0	mg/l	0.1	0.102	102.0	90-110%
Nitrogen, Nitrite	GP40111/GN71000	0.0040	0.0	mg/l	0.05	0.0516	103.2	90-110%
Phosphorus, Total	GP40177/GN71198	0.010	0.0	mg/l	0.2	0.200	99.8	90-110%
Slime Forming Bacteria	MB1889	500	<500 (a)	CFU/ml				
Solids, Total Dissolved	GN70978	10	0.0	mg/l	1000	1020	102.0	90-110%
Specific Conductivity	GP40156/GN71130			mmhos/cm	10	1.3	95.0	90-110%
Sulfate	GP40111/GN71000	0.50	0.0	mg/l	5	5.06	101.2	90-110%
Sulfate Reducing Bacteria	MB1890	200	<200 (a)	CFU/ml				

Associated Samples:

Batch MB1888: DA77451-1B  
Batch MB1889: DA77451-1B  
Batch MB1890: DA77451-1B  
Batch GN70971: DA77451-1  
Batch GN70972: DA77451-1  
Batch GN70973: DA77451-1  
Batch GN70978: DA77451-1  
Batch GP40111: DA77451-1  
Batch GP40156: DA77451-1  
Batch GP40177: DA77451-1

(\*) Outside of QC limits

(a) Certification for test not offered.

9.1  
9

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA77451  
Account: ANADACOD - Occidental Petroleum Corporation  
Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Alkalinity, Total as CaCO3	GN70971	DA77451-1	mg/l	199	203	2.3	0-20%
Iron-Related Bacteria	MB1888	DA76514-1B	CFU/ml	150	150(a)	0.0(a)	0-%
Phosphorus, Total	GP40177/GN71198	DA77372-4	mg/l	0.13	0.13	0.0	0-20%
Slime Forming Bacteria	MB1889	DA76514-1B	CFU/ml	<500	<500(a)	0.0(a)	0-%
Solids, Total Dissolved	GN70978	DA77489-3	mg/l	280	312	10.8*(b)	0-5.44%
Specific Conductivity	GP40156/GN71130	DA77609-1	mmhos/cm	876	879	0.3	0-20%
Sulfate Reducing Bacteria	MB1890	DA76514-1B	CFU/ml	325	325(a)	0.0(a)	0-%
pH	GN71129	DA77385-1	su	8.62	8.63(c)	0.1	0-5%

Associated Samples:

Batch MB1888: DA77451-1B  
Batch MB1889: DA77451-1B  
Batch MB1890: DA77451-1B  
Batch GN70971: DA77451-1  
Batch GN70978: DA77451-1  
Batch GN71129: DA77451-1  
Batch GP40156: DA77451-1  
Batch GP40177: DA77451-1

(\*) Outside of QC limits

(a) Certification for test not offered.

(b) High RPD due to possible sample nonhomogeneity.

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

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA77451  
Account: ANADACOD - Occidental Petroleum Corporation  
Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Alkalinity, Total as CaCO3	GN70971	DA77451-1	mg/l	199	100	306	107.5	80-120%
Bromide	GP40111/GN71000	DA77133-2	mg/l	5.0 U	100	107	107.0	80-120%
Bromide	GP40111/GN71000	DA77133-2	mg/l	2.1	100	107	107.0	80-120%
Chloride	GP40111/GN71000	DA77133-2	mg/l	240	1000	1310	107.0	80-120%
Fluoride	GP40111/GN71000	DA77133-2	mg/l	0.67	200	209	104.2	80-120%
Nitrogen, Nitrate	GP40111/GN71000	DA77133-2	mg/l	21.3	20	46.7	107.5	80-120%
Nitrogen, Nitrate	GP40111/GN71000	DA77133-2	mg/l	25.2	20	46.7	107.5	80-120%
Nitrogen, Nitrite	GP40111/GN71000	DA77133-2	mg/l	0.60 U	10	10.9	109.0	80-120%
Nitrogen, Nitrite	GP40111/GN71000	DA77133-2	mg/l	0.030 U	10	10.9	109.0	80-120%
Phosphorus, Total	GP40177/GN71198	DA77372-4	mg/l	0.13	0.2	0.31	93.7	90-110%
Sulfate	GP40111/GN71000	DA77133-2	mg/l	2760	1000	4100	134.0N(a)	80-120%

Associated Samples:

Batch GN70971: DA77451-1

Batch GP40111: DA77451-1

Batch GP40177: DA77451-1

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA77451  
Account: ANADACOD - Occidental Petroleum Corporation  
Project: Kerr-McGee:GWA\_Remora\_6\_Pad

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Alkalinity, Total as CaCO3	GN70971	DA77451-1	mg/l	199	100	300	2.1	20%
Bromide	GP40111/GN71000	DA77133-2	mg/l	5.0 U	100	108	0.9	20%
Bromide	GP40111/GN71000	DA77133-2	mg/l	2.1	100	108	0.9	20%
Chloride	GP40111/GN71000	DA77133-2	mg/l	240	1000	1310	0.0	20%
Fluoride	GP40111/GN71000	DA77133-2	mg/l	0.67	200	209	0.0	20%
Nitrogen, Nitrate	GP40111/GN71000	DA77133-2	mg/l	21.3	20	46.7	0.0	20%
Nitrogen, Nitrate	GP40111/GN71000	DA77133-2	mg/l	25.2	20	46.7	0.0	20%
Nitrogen, Nitrite	GP40111/GN71000	DA77133-2	mg/l	0.030 U	10	10.8	0.9	20%
Nitrogen, Nitrite	GP40111/GN71000	DA77133-2	mg/l	0.60 U	10	10.8	0.9	20%
Sulfate	GP40111/GN71000	DA77133-2	mg/l	2760	1000	4100	0.0	20%

Associated Samples:

Batch GN70971: DA77451-1

Batch GP40111: DA77451-1

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

**Misc. Forms**

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**Custody Documents and Other Forms**

(SGS Scott, LA)

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**Includes the following where applicable:**

- Chain of Custody





SOUTHWEST AIRLINES

526 DEN 3252 2420

Printed on:  
21 NOV 14:11



**HOU**

PC#  
1 OF 1

1

DG  
G

LOT WT  
42 LB  
(19.1 KG)

DEN WN 237 21 NOV 17:30

STN FLT DATE ETD LOT 01

**NFG**



PC ID: 0001  
PC WT: 42LB

526 32522420 0001

DA77451: Chain of Custody  
Page 2 of 4

10.1 10



## SGS Sample Receipt Summary

Job Number: DA77451

Client: SGS

Project: KERR-MCGEE

Date / Time Received: 11/22/2025 8:00:00 AM

Delivery Method: SGS DRIVER

Airbill #'s: 526325224200001

Cooler Temps (Raw Measured) °C: Cooler 1: (1.5);

Cooler Temps (Corrected) °C: Cooler 1: (1.3);

**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: | _____                               |                          |
| 3. Cooler media:             | <u>Ice (direct contact)</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 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) _____
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Comments

SM089-03  
Rev. Date 12/7/17

DA77451: Chain of Custody

Page 4 of 4

10.1 10

## GC Volatiles

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### QC Data Summaries

(SGS Scott, LA)

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**Includes the following where applicable:**

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



# Method Blank Summary

Job Number: DA77451  
Account: ALMS SGS Wheat Ridge, CO  
Project: ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA4653-MB	LA448299.D	1	11/25/25	MM	n/a	n/a	GLA4653

The QC reported here applies to the following samples:

Method: SW846 8015C

DA77451-1

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	85%	72-123%
540-36-3	1,4-Difluorobenzene	87%	76-126%

11.1.1  
11

# Blank Spike/Blank Spike Duplicate Summary

Job Number: DA77451  
 Account: ALMS SGS Wheat Ridge, CO  
 Project: ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GLA4653-BS	LA448297.D	1	11/25/25	MM	n/a	n/a	GLA4653
GLA4653-BSD	LA448298.D	1	11/25/25	MM	n/a	n/a	GLA4653

The QC reported here applies to the following samples:

Method: SW846 8015C

DA77451-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	1	0.868	87	0.904	90	4	77-118/12

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	85%	84%	72-123%
540-36-3	1,4-Difluorobenzene	87%	86%	76-126%

11.2.1  
11

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77451  
 Account: ALMS SGS Wheat Ridge, CO  
 Project: ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77388-1MS	LA448304.D	10	11/25/25	MM	n/a	n/a	GLA4653
DA77388-1MSD	LA448305.D	10	11/25/25	MM	n/a	n/a	GLA4653
DA77388-1	LA448301.D	10	11/25/25	MM	n/a	n/a	GLA4653

The QC reported here applies to the following samples:

Method: SW846 8015C

DA77451-1

CAS No.	Compound	DA77388-1 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)	26.1	10	41.7	156* a	10	41.6	155* a	0	77-118/12

CAS No.	Surrogate Recoveries	MS	MSD	DA77388-1	Limits
460-00-4	4-Bromofluorobenzene	79%	78%	81%	72-123%
540-36-3	1,4-Difluorobenzene	81%	80%	82%	76-126%

(a) Outside control limits due to high level in sample relative to spike amount.

\* = Outside of Control Limits.

**Misc. Forms**

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**Custody Documents and Other Forms**

(SGS Dayton, NJ)

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**Includes the following where applicable:**

- Chain of Custody



## SGS Sample Receipt Summary

Job Number: DA77451

Client: SGS NORTH AMERICA INC

Project: KERR-MCGEE

Date / Time Received: 11/22/2025 10:30:00 AM

Delivery Method: FEDEX

Airbill #'s: \_\_\_\_\_

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4);

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

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                       |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp/ 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"/>            | <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 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: <u>231619</u>	pH 12+: <u>203117A</u>	Other: (Specify) _____
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Comments

SM089-03  
Rev. Date 12/7/17

12.1  
12

DA77451: Chain of Custody

Page 2 of 2

## GC Volatiles

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### QC Data Summaries

(SGS Dayton, NJ)

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**Includes the following where applicable:**

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

# Method Blank Summary

Job Number: DA77451  
Account: ALMS SGS Wheat Ridge, CO  
Project: ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA3418-MB	AA118865.D	1	11/26/25	WC	n/a	n/a	GAA3418

The QC reported here applies to the following samples:

Method: RSK-175

DA77451-1A

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:** DA77451  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GAA3418-LCS	AA118885.D	1	11/26/25	WC	n/a	n/a	GAA3418

The QC reported here applies to the following samples:

Method: RSK-175

DA77451-1A

CAS No.	Compound	Spike ug/l	LCS ug/l	LCS %	Limits
74-82-8	Methane	10.8	10.4	97	85-115
74-84-0	Ethane	21.7	20.6	95	85-115
74-98-6	Propane	30.3	26.7	88	85-115

\* = Outside of Control Limits.

# Duplicate Summary

**Job Number:** DA77451  
**Account:** ALMS SGS Wheat Ridge, CO  
**Project:** ANADACOD: Kerr-McGee:GWA\_Remora\_6\_Pad

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE23202-22DUP	AA118868.D	1	11/26/25	WC	n/a	n/a	GAA3418
JE23202-22	AA118867.D	1	11/26/25	WC	n/a	n/a	GAA3418

The QC reported here applies to the following samples:

Method: RSK-175

DA77451-1A

CAS No.	Compound	JE23202-22 DUP		Q	RPD	Limits
		ug/l	Q ug/l			
74-82-8	Methane	9.20	9.75		6	20
74-84-0	Ethane	ND	ND		nc	20
74-98-6	Propane	ND	ND		nc	20

\* = Outside of Control Limits.