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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Wells Ranch USX AE21-12

10934

SGS Job Number: DA77498

Sampling Date: 11/21/25

Report to:

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ATTN: Eric Vonde

Total number of pages in report: 101



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.

A handwritten signature in black ink, appearing to read "Eric Hoffman".

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

Chevron USA, Inc.

Job No: DA77498

TASMCOA: Wells Ranch USX AE21-12
 Project No: 10934

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA77498-1	11/21/25	10:22 JL	11/21/25	SO	Soil	FL01-04@3'
DA77498-1A	11/21/25	10:22 JL	11/21/25	SO	Soil	FL01-04@3'
DA77498-1B	11/21/25	10:22 JL	11/21/25	SO	Soil	FL01-04@3'
DA77498-1C	11/21/25	10:22 JL	11/21/25	SO	Soil	FL01-04@3'
DA77498-2	11/21/25	10:30 JL	11/21/25	SO	Soil	BKG01@1' -2'
DA77498-2A	11/21/25	10:30 JL	11/21/25	SO	Soil	BKG01@1' -2'
DA77498-2B	11/21/25	10:30 JL	11/21/25	SO	Soil	BKG01@1' -2'
DA77498-3	11/21/25	10:32 JL	11/21/25	SO	Soil	BKG01@3' -4'
DA77498-3A	11/21/25	10:32 JL	11/21/25	SO	Soil	BKG01@3' -4'
DA77498-3B	11/21/25	10:32 JL	11/21/25	SO	Soil	BKG01@3' -4'
DA77498-4	11/21/25	10:34 JL	11/21/25	SO	Soil	BKG01@4' -5'
DA77498-4A	11/21/25	10:34 JL	11/21/25	SO	Soil	BKG01@4' -5'
DA77498-4B	11/21/25	10:34 JL	11/21/25	SO	Soil	BKG01@4' -5'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary

(continued)

Chevron USA, Inc.

Job No: DA77498

TASMCOA: Wells Ranch USX AE21-12
 Project No: 10934

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA77498-5	11/21/25	10:36 JL	11/21/25	SO	Soil	BKG02@1' -2'
DA77498-5A	11/21/25	10:36 JL	11/21/25	SO	Soil	BKG02@1' -2'
DA77498-5B	11/21/25	10:36 JL	11/21/25	SO	Soil	BKG02@1' -2'
DA77498-6	11/21/25	10:38 JL	11/21/25	SO	Soil	BKG02@3' -4'
DA77498-6A	11/21/25	10:38 JL	11/21/25	SO	Soil	BKG02@3' -4'
DA77498-6B	11/21/25	10:38 JL	11/21/25	SO	Soil	BKG02@3' -4'
DA77498-7	11/21/25	10:40 JL	11/21/25	SO	Soil	BKG02@4' -5'
DA77498-7A	11/21/25	10:40 JL	11/21/25	SO	Soil	BKG02@4' -5'
DA77498-7B	11/21/25	10:40 JL	11/21/25	SO	Soil	BKG02@4' -5'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: DA77498
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12
Collected: 11/21/25

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA77498-1 FL01-04@3'

No hits reported in this sample.

DA77498-1A FL01-04@3'

Calcium	95.2	6.0		mg/l	SW846 6010C
Magnesium	14.4	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.0646			ratio	USDA HANDBOOK 60

DA77498-1B FL01-04@3'

No hits reported in this sample.

DA77498-1C FL01-04@3'

Arsenic	2.6	0.19		mg/kg	SW846 6020B
Barium	39.0	1.9		mg/kg	SW846 6020B
Copper	4.3	1.9		mg/kg	SW846 6020B
Lead	4.4	0.47		mg/kg	SW846 6020B
Nickel	3.2	1.9		mg/kg	SW846 6020B
Zinc	14.1	9.3		mg/kg	SW846 6020B
pH ^b	7.67			su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.66	0.0010		mmhos/cm	SM 2510B-2011 MOD

DA77498-2 BKG01@1'-2'

Arsenic	2.5	0.18		mg/kg	SW846 6020B
Barium	43.2	1.8		mg/kg	SW846 6020B
Copper	4.9	1.8		mg/kg	SW846 6020B
Lead	4.8	0.44		mg/kg	SW846 6020B
Nickel	3.5	1.8		mg/kg	SW846 6020B
Zinc	14.6	8.8		mg/kg	SW846 6020B
pH ^b	7.30			su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.14	0.0010		mmhos/cm	SM 2510B-2011 MOD

DA77498-2A BKG01@1'-2'

Calcium	74.5	6.0		mg/l	SW846 6010C
Magnesium	43.8	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.0446			ratio	USDA HANDBOOK 60

DA77498-2B BKG01@1'-2'

No hits reported in this sample.

Summary of Hits

Job Number: DA77498
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12
Collected: 11/21/25

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA77498-3 BKG01@3'-4'

Arsenic	2.7	0.17			mg/kg	SW846 6020B
Barium	48.7	1.7			mg/kg	SW846 6020B
Copper	4.4	1.7			mg/kg	SW846 6020B
Lead	4.7	0.43			mg/kg	SW846 6020B
Nickel	3.6	1.7			mg/kg	SW846 6020B
Zinc	14.3	8.6			mg/kg	SW846 6020B
pH ^b	7.46				su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.25	0.0010			mmhos/cm	SM 2510B-2011 MOD

DA77498-3A BKG01@3'-4'

Calcium	46.9	6.0			mg/l	SW846 6010C
Magnesium	24.3	3.0			mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.112				ratio	USDA HANDBOOK 60

DA77498-3B BKG01@3'-4'

No hits reported in this sample.

DA77498-4 BKG01@4'-5'

Arsenic	2.8	0.18			mg/kg	SW846 6020B
Barium	45.8	1.8			mg/kg	SW846 6020B
Copper	5.0	1.8			mg/kg	SW846 6020B
Lead	4.7	0.46			mg/kg	SW846 6020B
Nickel	3.9	1.8			mg/kg	SW846 6020B
Zinc	14.9	9.2			mg/kg	SW846 6020B
pH ^b	7.56				su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.15	0.0010			mmhos/cm	SM 2510B-2011 MOD

DA77498-4A BKG01@4'-5'

Calcium	85.0	6.0			mg/l	SW846 6010C
Magnesium	49.6	3.0			mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.105				ratio	USDA HANDBOOK 60

DA77498-4B BKG01@4'-5'

No hits reported in this sample.

Summary of Hits

Job Number: DA77498
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12
Collected: 11/21/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA77498-5 BKG02@1'-2'

Arsenic	2.6	0.19			mg/kg	SW846 6020B
Barium	66.2	1.9			mg/kg	SW846 6020B
Copper	4.3	1.9			mg/kg	SW846 6020B
Lead	5.9	0.48			mg/kg	SW846 6020B
Nickel	3.2	1.9			mg/kg	SW846 6020B
Zinc	12.8	9.7			mg/kg	SW846 6020B
pH ^b	7.47				su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.20	0.0010			mmhos/cm	SM 2510B-2011 MOD

DA77498-5A BKG02@1'-2'

Calcium	24.2	6.0			mg/l	SW846 6010C
Magnesium	8.53	3.0			mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.0716				ratio	USDA HANDBOOK 60

DA77498-5B BKG02@1'-2'

No hits reported in this sample.

DA77498-6 BKG02@3'-4'

Arsenic	2.0	0.19			mg/kg	SW846 6020B
Barium	49.8	1.9			mg/kg	SW846 6020B
Copper	3.7	1.9			mg/kg	SW846 6020B
Lead	3.5	0.47			mg/kg	SW846 6020B
Nickel	2.5	1.9			mg/kg	SW846 6020B
Zinc	11.9	9.3			mg/kg	SW846 6020B
pH ^b	7.98				su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.25	0.0010			mmhos/cm	SM 2510B-2011 MOD

DA77498-6A BKG02@3'-4'

Calcium	29.4	6.0			mg/l	SW846 6010C
Magnesium	5.23	3.0			mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.249				ratio	USDA HANDBOOK 60

DA77498-6B BKG02@3'-4'

No hits reported in this sample.

DA77498-7 BKG02@4'-5'

Arsenic	2.3	0.19			mg/kg	SW846 6020B
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Summary of Hits

Job Number: DA77498
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12
Collected: 11/21/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		68.8	1.9		mg/kg	SW846 6020B
		4.8	1.9		mg/kg	SW846 6020B
		5.1	0.48		mg/kg	SW846 6020B
		3.8	1.9		mg/kg	SW846 6020B
		15.6	9.6		mg/kg	SW846 6020B
		8.12			su	WREP-125,4E-SATPASTE
		0.25	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA77498-7A BKG02@4'-5'						
		28.0	6.0		mg/l	SW846 6010C
		6.60	3.0		mg/l	SW846 6010C
		7.19	6.0		mg/l	SW846 6010C
		0.317			ratio	USDA HANDBOOK 60

DA77498-7B BKG02@4'-5'

No hits reported in this sample.

(a) Calculated as: $(\text{Na meq/L}) / \sqrt{[(\text{Ca meq/L}) + (\text{Mg meq/L})/2]}$

(b) Saturated paste was generated on 11/22/25.

Sample Results

Report of Analysis

Report of Analysis

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Client Sample ID: FL01-04@3'	
Lab Sample ID: DA77498-1	Date Sampled: 11/21/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846 8260D	Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41796.D	1	12/02/25 04:35	MB	n/a	n/a	V4V2031
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.15 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0035	0.0035	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0035	0.0035	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

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: FL01-04@3'		
Lab Sample ID: DA77498-1		Date Sampled: 11/21/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G003343.D	1	11/29/25 18:04	ZL	11/26/25 14:00	OP29399	E9G130
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.1 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	90%		22-138%
4165-60-0	Nitrobenzene-d5	112%		32-143%
1718-51-0	Terphenyl-d14	81%		48-149%

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

3.1
3

Client Sample ID: FL01-04@3'	
Lab Sample ID: DA77498-1	Date Sampled: 11/21/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846-8015C SW846 3570	Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083288.D	1	11/26/25 08:14	JB	11/25/25 08:00	OP29386	GFH24047
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	97%		20-142%

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: FL01-04@3'	
Lab Sample ID: DA77498-1A	Date Sampled: 11/21/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	95.2	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	14.4	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: FL01-04@3'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-1A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0646		ratio	1	12/04/25 20:47	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: FL01-04@3'	
Lab Sample ID: DA77498-1B	Date Sampled: 11/21/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Report of Analysis

Client Sample ID: FL01-04@3'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-1C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.6	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	39.0	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.093	0.093	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	4.3	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.4	0.47	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.2	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.19	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.093	0.093	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	14.1	9.3	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: FL01-04@3'		Date Sampled: 11/21/25
Lab Sample ID: DA77498-1C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 93.4
Project: TASMCOA: Wells Ranch USX AE21-12		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method pH ^a	7.67		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9 Specific Conductivity ^a	0.66	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.41	0.41	mg/kg	1	12/18/25 03:44	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-2	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.7
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.5	0.18	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	43.2	1.8	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.088	0.088	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	4.9	1.8	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.8	0.44	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.5	1.8	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.18	0.18	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.088	0.088	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	14.6	8.8	mg/kg	10	11/24/25	12/01/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-2	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.7
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96.7		%	1	11/21/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH ^a	7.30		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.14	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.42	0.42	mg/kg	1	12/18/25 04:06	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-2A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.7
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	74.5	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	43.8	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-2A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.7
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0446		ratio	1	12/04/25 20:48	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-2B	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.7
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3'-4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-3	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.5
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.7	0.17	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	48.7	1.7	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.086	0.086	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	4.4	1.7	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.7	0.43	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.6	1.7	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.17	0.17	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.086	0.086	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	14.3	8.6	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3' -4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-3	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.5
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96.5		%	1	11/21/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH ^a	7.46		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.25	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.42	0.42	mg/kg	1	12/18/25 04:28	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3'-4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-3A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.5
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	46.9	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	24.3	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3'-4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-3A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.5
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.112		ratio	1	12/04/25 20:49	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3'-4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-3B	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.5
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-4	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.2
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.8	0.18	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	45.8	1.8	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.092	0.092	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	5.0	1.8	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.7	0.46	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.9	1.8	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.18	0.18	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.092	0.092	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	14.9	9.2	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-4	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.2
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96.2		%	1	11/21/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH ^a	7.56		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.15	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.41	0.41	mg/kg	1	12/18/25 05:13	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-4A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.2
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	85.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	49.6	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-4A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.2
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.105		ratio	1	12/04/25 20:54	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-4B	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.2
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-5	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.6	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	66.2	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.097	0.097	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	4.3	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	5.9	0.48	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.2	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.19	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.097	0.097	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	12.8	9.7	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-5	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96.8		%	1	11/21/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH ^a	7.47		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.20	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.42	0.42	mg/kg	1	12/18/25 05:35	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-5A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	24.2	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	8.53	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@1'-2'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-5A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0716		ratio	1	12/04/25 20:55	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@1'-2'	
Lab Sample ID: DA77498-5B	Date Sampled: 11/21/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3' -4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-6	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 98.2
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.0	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	49.8	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.093	0.093	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	3.7	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	3.5	0.47	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	2.5	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.19	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.093	0.093	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	11.9	9.3	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3' -4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-6	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 98.2
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	98.2		%	1	11/21/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH ^a	7.98		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.25	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.41	0.41	mg/kg	1	12/18/25 05:57	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3' -4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-6A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 98.2
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	29.4	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	5.23	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3' -4'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-6A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 98.2
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.249		ratio	1	12/04/25 20:57	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3' -4'	
Lab Sample ID: DA77498-6B	Date Sampled: 11/21/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 98.2
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-7	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.3	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	68.8	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.096	0.096	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	4.8	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	5.1	0.48	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.8	1.9	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.19	0.19	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.096	0.096	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	15.6	9.6	mg/kg	10	11/24/25	12/02/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19895

(2) Prep QC Batch: MP44632

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-7	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96.8		%	1	11/21/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH ^a	8.12		su	1	11/22/25	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.25	0.0010	mmhos/cm	1	11/22/25 13:22	SG	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.40	0.40	mg/kg	1	12/18/25 06:19	AFL	SW846 7199

(a) Saturated paste was generated on 11/22/25.

(b) Analysis performed at SGS Orlando, FL.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-7A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	28.0	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	6.60	3.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	7.19	6.0	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44636

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-7A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.317		ratio	1	12/04/25 20:58	BR	USDA HANDBOOK 60

(a) Calculated as: $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@4' -5'	Date Sampled: 11/21/25
Lab Sample ID: DA77498-7B	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 96.8
Project: TASMCOA: Wells Ranch USX AE21-12	

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/24/25	12/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19911

(2) Prep QC Batch: MP44647

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

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

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA77498

Client / Reporting Information		Project Information										Requested Analysis (see TEST CODE sheet)										Matrix Codes			
Company: Tasman, Inc.		Project Name: Wells Ranch USX AE 21-12																				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 DM - Dissolved metals PM - Potentially dissolved TR - Total recoverable			
Street: 4725 Independence St.		Check Box if Project Report to Division of Oil and Public Safety (OPS): <input type="checkbox"/>																							
City, State ZIP: Wheat Ridge, CO 80033		Billing Information (if different from Report to)																							
Project Contact: Eric Vonde		Company: Noble																							
Phone: (303) 487-1228		Project # 10934																							
Email: lauren.hoff@chevron.com		Client Purchase Order # UWRWE-A5382-AES																							
Sampler(s) Name(s): JL, AH		Project Manager: Eric Vonde																							
		Attention: Lauren Hoff																							
Field ID / Point of Collection		Date	Time	Sampled by	Matrix	# of bottles	NONE	NOI	NO2	NO3	NO3O4	D. Water	MICRO	ENCORE	NAFSC03	NAFSC03	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	ph, EC, SAR, boron	TDS, Cl, SO4	Full Table 915-1	Hold	LAB USE ONLY
1	FL01-04@3'	11/21/25	1022	JL	SO	3	X											X	X				X		
2	BKG01@1-2'		1030			2											X	X							
3	BKG01@3-4'		1032			2											X	X							
4	BKG01@4-5'		1034			2											X	X							
5	BKG02@1-2'		1036			2											X	X							
6	BKG02@3-4'		1038			2											X	X							
7	BKG02@4-5'		1040			2											X	X							
Turnaround Time (Business days)		Data Deliverable Information										Comments / Special Instructions													
<input checked="" type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY		Special Reporting Instructions <input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input type="checkbox"/> Report MDLs										Commercial "A" (Level 1, Results Only) Commercial "B" (Level 2, Results + QC Summary) COMMBN (Results/QC/Narrative) COMMBN+ (Results/QC/Narrative (+ chromatograms)) REDT2 (Results/QC Summary/partial raw data) <input type="checkbox"/> FULT1 <input checked="" type="checkbox"/> EDD Format - Tasman										**Metals: specify metal(s), method, and type (D, PD, TR)			
Emergency & Rush T/A data available via Email or LabLink RUSH TAT approval needed																									
Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USP, USPS delivery.																									
Relinquished by/Sampler/Affiliation: 1 A. Holden Tasman		Date/Time: 11/21/25, 1320		Received By/Affiliation: 1 [Signature] SGS 11-21		Relinquished By/Affiliation: 2 [Signature]		Date/Time: 11/21/25		Received By/Affiliation: 2		Relinquished by/Affiliation: 3 [Signature]		Date/Time: 11/21/25		Received By/Affiliation: 3		Relinquished by/Affiliation: 4 [Signature]		Date/Time: 11/21/25		Received By/Affiliation: 4			
Custody Seal #:		Intact <input checked="" type="checkbox"/> Not intact <input type="checkbox"/> Absent <input type="checkbox"/>		Preserved where applicable <input checked="" type="checkbox"/>		Cooler Temp. °C (corrected): 40		Therm. ID: T020		On Ice <input checked="" type="checkbox"/>															
http://www.sgs.com/en/terms-and-conditions																									



MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2031-MB	4V41795.D	1	12/02/25	MB	n/a	n/a	V4V2031

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77498-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	1.3	2.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	3.4	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	3.4	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	92%	70-130%
460-00-4	4-Bromofluorobenzene	92%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

Blank Spike Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2031-BS	4V41791A.D	1	12/02/25	MB	n/a	n/a	V4V2031

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77498-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	52.8	106	70-130
100-41-4	Ethylbenzene	50	52.7	105	70-130
108-88-3	Toluene	50	53.7	107	70-130
95-63-6	1,2,4-Trimethylbenzene	50	52.9	106	70-134
108-67-8	1,3,5-Trimethylbenzene	50	52.0	104	70-134
	m,p-Xylene	100	115	115	70-130
95-47-6	o-Xylene	50	56.8	114	70-136
1330-20-7	Xylene (total)	150	172	115	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2031-BS	4V41794.D	1	12/02/25	MB	n/a	n/a	V4V2031

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77498-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1960	98	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77498-1MS	4V41798.D	1	12/02/25	MB	n/a	n/a	V4V2031
DA77498-1MSD	4V41799.D	1	12/02/25	MB	n/a	n/a	V4V2031
DA77498-1	4V41796.D	1	12/02/25	MB	n/a	n/a	V4V2031

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77498-1

CAS No.	Compound	DA77498-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.0	52.6	47.4	90	52.6	43.4	83	9	44-150/44
100-41-4	Ethylbenzene	< 2.1	52.6	47.6	91	52.6	42.4	81	12	41-149/49
108-88-3	Toluene	< 2.1	52.6	45.0	83	52.6	39.0	72	14	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1	52.6	48.2	92	52.6	44.5	85	8	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1	52.6	48.2	92	52.6	44.8	85	7	30-161/60
	m,p-Xylene	< 3.5	105	99.1	91	105	87.1	80	13	36-152/49
95-47-6	o-Xylene	< 2.1	52.6	51.2	97	52.6	48.1	91	6	33-168/49
1330-20-7	Xylene (total)	< 3.5	158	150	93	158	135	84	11	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA77498-1	Limits
1868-53-7	Dibromofluoromethane	102%	112%	105%	70-130%
2037-26-5	Toluene-D8	94%	93%	94%	70-130%
460-00-4	4-Bromofluorobenzene	102%	95%	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	108%	105%	70-130%

* = Outside of Control Limits.

5.3.1
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77500-6MS	4V41800.D	1	12/02/25	MB	n/a	n/a	V4V2031
DA77500-6MSD	4V41801.D	1	12/02/25	MB	n/a	n/a	V4V2031
DA77500-6	4V41797.D	1	12/02/25	MB	n/a	n/a	V4V2031

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77498-1

CAS No.	Compound	DA77500-6 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 220	2250	1860	83	2250	1870	83	1	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA77500-6	Limits
1868-53-7	Dibromofluoromethane	109%	101%	97%	70-130%
2037-26-5	Toluene-D8	93%	92%	93%	70-130%
460-00-4	4-Bromofluorobenzene	91%	94%	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	98%	97%	70-130%

* = Outside of Control Limits.

5.3.2
5

MS 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: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29399-MB	9G003334.D	1	11/29/25	ZL	11/26/25	OP29399	E9G130

The QC reported here applies to the following samples:

Method: SW846 8270E

DA77498-1

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	4.0	ug/kg	
120-12-7	Anthracene	ND	4.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	ug/kg	
218-01-9	Chrysene	ND	4.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	ug/kg	
86-73-7	Fluorene	ND	4.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	ug/kg	
129-00-0	Pyrene	ND	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
321-60-8	2-Fluorobiphenyl	105%	22-138%
4165-60-0	Nitrobenzene-d5	129%	32-143%
1718-51-0	Terphenyl-d14	129%	48-149%

Blank Spike Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29399-BS	9G003335.D	1	11/29/25	ZL	11/26/25	OP29399	E9G130

The QC reported here applies to the following samples:

Method: SW846 8270E

DA77498-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	255	128	46-152
120-12-7	Anthracene	200	288	144	65-147
56-55-3	Benzo(a)anthracene	200	266	133	64-144
205-99-2	Benzo(b)fluoranthene	200	273	137	70-154
207-08-9	Benzo(k)fluoranthene	200	280	140	70-158
50-32-8	Benzo(a)pyrene	200	277	139	64-159
218-01-9	Chrysene	200	289	145	70-156
53-70-3	Dibenzo(a,h)anthracene	200	238	119	63-156
206-44-0	Fluoranthene	200	274	137	62-155
86-73-7	Fluorene	200	271	136	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	237	119	67-156
90-12-0	1-Methylnaphthalene	200	248	124	21-168
91-57-6	2-Methylnaphthalene	200	244	122	18-161
91-20-3	Naphthalene	200	264	132	2-173
129-00-0	Pyrene	200	297	149	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	95%	22-138%
4165-60-0	Nitrobenzene-d5	116%	32-143%
1718-51-0	Terphenyl-d14	95%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29399-MS	9G003336.D	1	11/29/25	ZL	11/26/25	OP29399	E9G130
OP29399-MSD	9G003337.D	1	11/29/25	ZL	11/26/25	OP29399	E9G130
DA77482-4	9G003338.D	1	11/29/25	ZL	11/26/25	OP29399	E9G130

The QC reported here applies to the following samples:

Method: SW846 8270E

DA77498-1

CAS No.	Compound	DA77482-4 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.7	244	308	126	244	310	127	1	30-148/32
120-12-7	Anthracene	< 4.7	244	325	133	244	328	134	1	40-148/33
56-55-3	Benzo(a)anthracene	< 5.9	244	283	116	244	289	118	2	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.7	244	283	116	244	286	117	1	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.7	244	297	121	244	292	119	2	43-165/41
50-32-8	Benzo(a)pyrene	< 4.7	244	291	119	244	290	119	0	41-161/37
218-01-9	Chrysene	< 4.7	244	315	129	244	317	130	1	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.7	244	270	110	244	251	103	7	42-155/36
206-44-0	Fluoranthene	< 4.7	244	300	123	244	301	123	0	40-151/34
86-73-7	Fluorene	< 4.7	244	326	133	244	325	133	0	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.7	244	260	106	244	240	98	8	41-156/37
90-12-0	1-Methylnaphthalene	< 4.7	244	292	119	244	290	119	1	23-149/36
91-57-6	2-Methylnaphthalene	< 4.7	244	284	116	244	280	115	1	18-144/35
91-20-3	Naphthalene	< 2.4	244	300	123	244	299	122	0	18-150/32
129-00-0	Pyrene	< 4.7	244	320	131	244	323	132	1	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA77482-4	Limits
321-60-8	2-Fluorobiphenyl	106%	104%	105%	22-138%
4165-60-0	Nitrobenzene-d5	131%	127%	136%	32-143%
1718-51-0	Terphenyl-d14	101%	100%	94%	48-149%

* = 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: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29386-MB	FH083278.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77498-1

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Limits
84-15-1	o-Terphenyl	93% 20-142%

7.1.1
7

Blank Spike Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29386-BS1	FH083279.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77498-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	190	95	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	104%	20-142%

* = Outside of Control Limits.

7.2.1
7

Blank Spike Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29386-BS2	FH083280.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77498-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	212	106	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	101%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29386-MS1	FH083281.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047
OP29386-MSD1	FH083282.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047
DA77497-2	FH083285.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77498-1

CAS No.	Compound	DA77497-2 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.8	240	240	100	235	228	97	5	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77497-2	Limits
84-15-1	o-Terphenyl	106%	107%	99%	20-142%

* = Outside of Control Limits.

7.3.1
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77498
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29386-MS2	FH083283.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047
OP29386-MSD2	FH083284.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047
DA77497-3	FH083286.D	1	11/26/25	JB	11/25/25	OP29386	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77498-1

CAS No.	Compound	DA77497-3 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	30.2	235	271	102	246	305	112	12	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77497-3	Limits
84-15-1	o-Terphenyl	102%	110%	108%	20-142%

* = 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: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44632
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 11/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.037	<0.20
Barium	2.0	.096	.24	0.039	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0027	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	1.5	* (a)
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.016	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.13	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.015	<0.20
Silver	0.10	.0081	.03	0.0017	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.66	<10

Associated samples MP44632: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

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. All samples are below 1/2 project screening limits.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44632
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/24/25

Metal	DA77495-1C Original MS		Spike/lot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	1.7	89.1	90.1	97.0	75-125
Barium	49.9	240	180	105.5	75-125
Beryllium					
Boron					
Cadmium	0.065	46.1	45	102.2	75-125
Calcium					
Chromium					
Cobalt					
Copper	4.7	50.1	45	100.8	75-125
Iron					
Lead	3.8	94.8	90.1	101.0	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	3.6	49.6	45	102.2	75-125
Phosphorus					
Potassium					
Selenium	0.14	88.4	90.1	98.0	75-125
Silver	0.018	18.4	18	102.1	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	14.7	61.7	45	104.4	75-125

Associated samples MP44632: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

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

8.12
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44632
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/24/25

Metal	DA77495-1C Original MSD		Spike ICPMS6	lot % Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	1.7	98.6	101	95.7	10.1	20
Barium	49.9	248	202	97.9	3.3	20
Beryllium						
Boron						
Cadmium	0.065	51.3	50.6	101.2	10.7	20
Calcium						
Chromium						
Cobalt						
Copper	4.7	55.5	50.6	100.4	10.2	20
Iron						
Lead	3.8	104	101	99.0	9.3	20
Magnesium						
Manganese						
Molybdenum						
Nickel	3.6	53.6	50.6	98.8	7.8	20
Phosphorus						
Potassium						
Selenium	0.14	97.9	101	96.6	10.2	20
Silver	0.018	20.3	20.2	100.2	9.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	14.7	64.5	50.6	98.4	4.4	20

Associated samples MP44632: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

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

8.12
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44632
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/24/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	99.7	100	99.7	80-120
Barium	198	200	99.0	80-120
Beryllium				
Boron				
Cadmium	50.4	50	100.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	52.7	50	105.4	80-120
Iron				
Lead	99.9	100	99.9	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.5	50	101.0	80-120
Phosphorus				
Potassium				
Selenium	101	100	101.0	80-120
Silver	20.1	20	100.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.5	50	101.0	80-120

Associated samples MP44632: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

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

8.1.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44632
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: ug/l

Prep Date: 11/24/25

Metal	DA77495-1C Original SDL 10:50%DIF		QC Limits	
Aluminum				
Antimony				
Arsenic	17.9	17.3	3.3	0-20
Barium	512	521	1.8	0-20
Beryllium				
Boron				
Cadmium	0.662	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	48.2	50.3	4.3	0-20
Iron				
Lead	39.2	38.3	2.1	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	36.7	29.4	19.8	0-20
Phosphorus				
Potassium				
Selenium	1.44	0.00	100.0(a)	0-20
Silver	0.189	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	151	146	3.0	0-20

Associated samples MP44632: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44636
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	30	230		
Antimony	450	90	100		
Arsenic	380	34	69		
Barium	150	2.9	20		
Beryllium	150	1.5	20		
Boron	750	19	95		
Cadmium	150	3.2	20		
Calcium	6000	84	750	107	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	-24	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	-290	<6000
Strontium	75	1.5	9.5		
Thallium	150	91	65		
Tin	900	51	770		
Titanium	150	6.5	20		
Uranium	750	170	130		
Vanadium	150	15	20		
Zinc	450	10	57		

Associated samples MP44636: DA77498-1A, DA77498-2A, DA77498-3A, DA77498-4A, DA77498-5A, DA77498-6A, DA77498-7A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

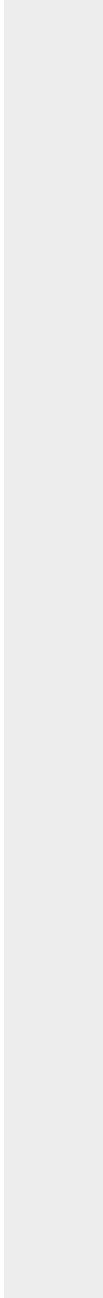
QC Batch ID: MP44636
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	RL	IDL	MDL	MB raw	final
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(*) Outside of QC limits
(anr) Analyte not requested



8.2.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44636
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	DA77496-1A Original MS	SpikeLot ICPAL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	116000	476000	375000	96.0 75-125
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	75500	447000	375000	99.1 75-125
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	2870	358000	375000	94.7 75-125
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44636: DA77498-1A, DA77498-2A, DA77498-3A, DA77498-4A, DA77498-5A, DA77498-6A, DA77498-7A

Results < IDL are shown as zero for calculation purposes

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

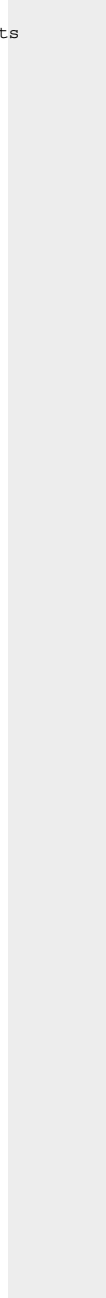
QC Batch ID: MP44636
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	DA77496-1A Original MS	SpikeLot ICPAL6	% Rec	QC Limits
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(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested



8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44636
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	DA77496-1A Original MSD	SpikeLot ICPAL6	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	116000	474000	375000	95.5	0.4	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	75500	447000	375000	99.1	0.0	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	2870	357000	375000	94.4	0.3	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP44636: DA77498-1A, DA77498-2A, DA77498-3A, DA77498-4A, DA77498-5A, DA77498-6A, DA77498-7A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

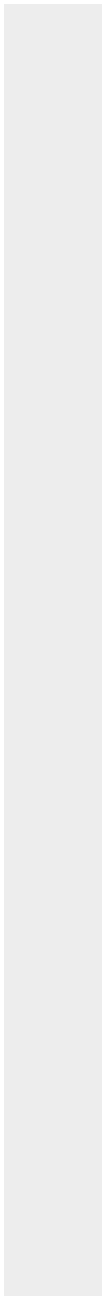
QC Batch ID: MP44636
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	DA77496-1A Original MSD	SpikeLot ICPAL6 % Rec	MSD RPD	QC Limit
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(*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested



8.2.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44636
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	356000	375000	94.9	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	366000	375000	97.6	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	351000	375000	93.6	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44636: DA77498-1A, DA77498-2A, DA77498-3A, DA77498-4A, DA77498-5A, DA77498-6A, DA77498-7A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

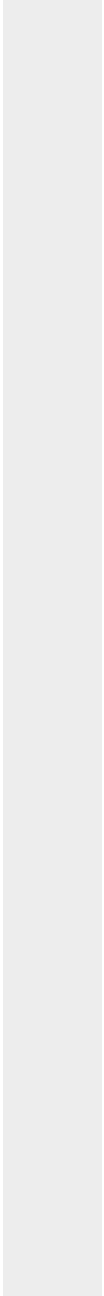
QC Batch ID: MP44636
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(*) Outside of QC limits
(anr) Analyte not requested



SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44636
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	DA77496-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	7760	7860	1.3	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	5040	5150	2.3	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	192	0.00	100.0(a)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44636: DA77498-1A, DA77498-2A, DA77498-3A, DA77498-4A, DA77498-5A, DA77498-6A, DA77498-7A

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44636
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	DA77496-1A Original SDL 1:5	%DIF	QC Limits
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(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

8.2.4
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44647
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	3.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP44647: DA77498-1B, DA77498-2B, DA77498-3B, DA77498-4B, DA77498-5B, DA77498-6B, DA77498-7B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

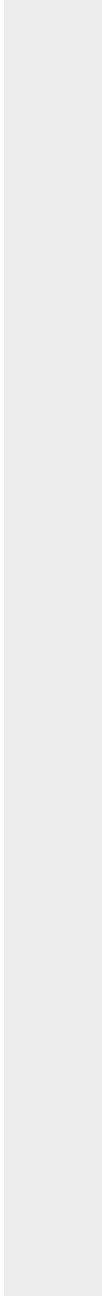
QC Batch ID: MP44647
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	RL	IDL	MDL	MB raw	final
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(*) Outside of QC limits
(anr) Analyte not requested



8.3.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44647
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25 11/24/25

Metal	DA77495-1B Original	DUP	RPD	QC Limits	DA77495-1B Original MS	Spikelot ICPAL6	% Rec	QC Limits	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	81.0	81.0	0.0	0-20	81.0	9500	10000	94.2	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP44647: DA77498-1B, DA77498-2B, DA77498-3B, DA77498-4B, DA77498-5B, DA77498-6B, DA77498-7B

Results < IDL are shown as zero for calculation purposes

8.3.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

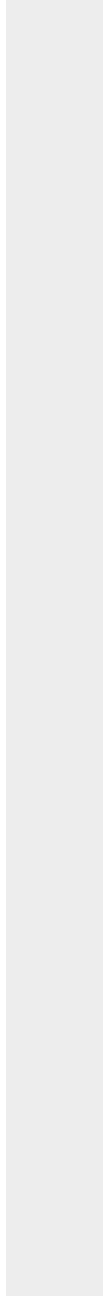
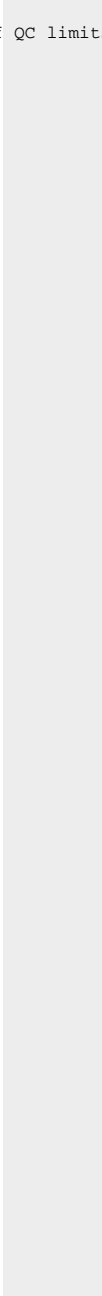
QC Batch ID: MP44647
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25 11/24/25

Metal	DA77495-1B Original DUP	RPD	QC Limits	DA77495-1B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested



8.3.2
 8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44647
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9130	10000	91.3	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44647: DA77498-1B, DA77498-2B, DA77498-3B, DA77498-4B, DA77498-5B, DA77498-6B, DA77498-7B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

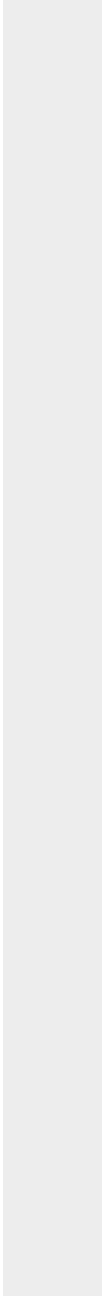
QC Batch ID: MP44647
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(*) Outside of QC limits
(anr) Analyte not requested



8.3.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77498
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44647
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/24/25

Metal	DA77495-1B Original	SDL 1:5	%DIF	QC Limits
-------	------------------------	---------	------	--------------

Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	16.2	23.9	47.5 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44647: DA77498-1B, DA77498-2B, DA77498-3B, DA77498-4B, DA77498-5B, DA77498-6B, DA77498-7B

Results < IDL are shown as zero for calculation purposes

8.3.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

QC Batch ID: MP44647
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/24/25

Metal	DA77495-1B Original SDL 1:5	%DIF	QC Limits
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(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

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: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP40099/GN70959			mmhos/cm	1.409	1.4	102.3(a)	90-110%

Associated Samples:

Batch GP40099: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

(*) Outside of QC limits

(a) Saturated paste was generated on 11/22/25.

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77498
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-12

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP40099/GN70959	DA77500-1C	mmhos/cm	0.96	0.96(a)	0.3(a)	0-20%
pH	GN70958	DA77495-1C	su	7.93	7.93(a)	0.0(a)	0-5%

Associated Samples:

Batch GN70958: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

Batch GP40099: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

(*) Outside of QC limits

(a) Saturated paste was generated on 11/22/25.

Misc. Forms

Custody Documents and Other Forms

(SGS Orlando, FL)

Includes the following where applicable:

- Chain of Custody



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

Client / Reporting Information Company Name: SGS North America Inc. Street Address: 4036 Youngfield Street City: Wheat Ridge, CO State: 8003 Project Contact: pama.eskandarpayandeh@sgs.com Phone #: 303-425-6021 Sampler(s) Name(s): JL		Project Information Project Name: TASMCOA: Wells Ranch USX AE21-12 Street: _____ Billing Information (if different from Report to) Company Name: _____ Project #: _____ Client Purchase Order #: _____ Project Manager: _____ Attention: _____		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 - Waste FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank									
Turnaround Time (Business days): _____		Data Deliverable Information <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> State Forms <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> EDD Format <input type="checkbox"/> REDT1 (Level 3) <input type="checkbox"/> Other _____ <input type="checkbox"/> FULT1 (Level 4) <input type="checkbox"/> _____ <input type="checkbox"/> Commercial "C" <input checked="" type="checkbox"/> CL											
Approved By (SGS PM) / Date: _____ <input type="checkbox"/> Standard 10 Day (Business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other Due 12/6/2025 <small>Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT</small>		INITIAL ASSESSMENT LABEL VERIFICATION <i>[Signature]</i> 1.2 1.8 2.0 2.2 (R#) 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: 1	Date Time:	Received By: 1	Relinquished By: 2	Date Time:	Received By: 2	Date Time:	Received By: 2	Date Time:	Received By: 2	Date Time:	Received By: 2		
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4	Date Time:	Received By: 4	Date Time:	Received By: 4	Date Time:	Received By: 4		
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	<input type="checkbox"/> Intact <input type="checkbox"/> Not intact		Preserved where applicable <input type="checkbox"/>		Therm: ID <input type="checkbox"/>		On Ice <input type="checkbox"/> Cooler Temp. <input type="checkbox"/>			

10.1 10

DA77498: Chain of Custody
 Page 1 of 2
 SGS Orlando, FL



SGS - Orlando Sample Receipt Summary

Job Number: da77498

Client: SGS CO

Project: TASMCOA: WELLS RANCH USX AE21-12

Date / Time Received: 12/16/2025 10:30:00 AM

Delivery Method: FEDEX

Airbill #'s: 487380884210

Cooler Temps (Raw Measured) °C: Cooler 1: (1.2); Cooler 2: (1.8); Cooler 3: (2.0); Cooler 4: (2.2);

Cooler Temps (Corrected) °C: Cooler 1: (1.4); Cooler 2: (2.0); Cooler 3: (2.2); Cooler 4: (2.4);

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. Sufficient 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 #: pH 0-3: 216524 pH 10-12: _____ Other: (Specify) 0-14 210224
 Residual Chlorine Test Strip Lot _____

Comments

Sample Receipt Summary 112723 EK

Technician: ZANEB

Date: 12/16/2025 2:02:16 PM

Reviewer: _____

Date: _____

DA77498: Chain of Custody

Page 2 of 2

10.1 10

General Chemistry

QC Data Summaries

(SGS Orlando, FL)

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: DA77498
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Wells Ranch USX AE21-12

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP42380/GN2439	0.41	0.0	mg/kg	10.16	10.6	104.0	80-120%
Chromium, Hexavalent	GP42380/GN2439			mg/kg	733	673	91.8	80-120%

Associated Samples:

Batch GP42380: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

(*) Outside of QC limits

11.1
11

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77498
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Wells Ranch USX AE21-12

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP42380/GN2439	DA77495-1C	mg/kg	0.0	10.71	12.3	114.0	75-125%
Chromium, Hexavalent	GP42380/GN2439	DA77495-1C	mg/kg	0.0	878	909	103.6	75-125%

Associated Samples:

Batch GP42380: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

11.2
11

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77498
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Wells Ranch USX AE21-12

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MSD Result	RPD	QC Limit
Chromium, Hexavalent	GP42380/GN2439	DA77495-1C	mg/kg	0.0	10.71	13.5	9.3	20%

Associated Samples:

Batch GP42380: DA77498-2, DA77498-3, DA77498-4, DA77498-5, DA77498-6, DA77498-7, DA77498-1C

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits