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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Wells Ranch USX AE21-14

10933

SGS Job Number: DA77482

Sampling Date: 11/20/25

Report to:

Chevron USA, Inc.
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ATTN: Eric Vonde

Total number of pages in report: 127



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: DA77482

TASMCOA: Wells Ranch USX AE21-14
 Project No: 10933

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA77482-1	11/20/25	10:54 WW	11/21/25	SO	Soil	AST01@0-0.5'
DA77482-1A	11/20/25	10:54 WW	11/21/25	SO	Soil	AST01@0-0.5'
DA77482-1B	11/20/25	10:54 WW	11/21/25	SO	Soil	AST01@0-0.5'
DA77482-1C	11/20/25	10:54 WW	11/21/25	SO	Soil	AST01@0-0.5'
DA77482-2	11/20/25	10:56 WW	11/21/25	SO	Soil	AST02@0-0.5'
DA77482-2A	11/20/25	10:56 WW	11/21/25	SO	Soil	AST02@0-0.5'
DA77482-2B	11/20/25	10:56 WW	11/21/25	SO	Soil	AST02@0-0.5'
DA77482-2C	11/20/25	10:56 WW	11/21/25	SO	Soil	AST02@0-0.5'
DA77482-3	11/20/25	11:09 WW	11/21/25	SO	Soil	SEP01-DL@2.5'
DA77482-3A	11/20/25	11:09 WW	11/21/25	SO	Soil	SEP01-DL@2.5'
DA77482-3B	11/20/25	11:09 WW	11/21/25	SO	Soil	SEP01-DL@2.5'
DA77482-3C	11/20/25	11:09 WW	11/21/25	SO	Soil	SEP01-DL@2.5'
DA77482-4	11/20/25	11:06 WW	11/21/25	SO	Soil	SEP01-FL@2.5'

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



Sample Summary

(continued)

Chevron USA, Inc.

Job No: DA77482

TASMCOA: Wells Ranch USX AE21-14
 Project No: 10933

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA77482-4A	11/20/25	11:06 WW	11/21/25	SO	Soil	SEP01-FL@2.5'
DA77482-4B	11/20/25	11:06 WW	11/21/25	SO	Soil	SEP01-FL@2.5'
DA77482-4C	11/20/25	11:06 WW	11/21/25	SO	Soil	SEP01-FL@2.5'
DA77482-5	11/20/25	12:00 WW	11/21/25	SO	Soil	PWV01-N@2.5'
DA77482-5A	11/20/25	12:00 WW	11/21/25	SO	Soil	PWV01-N@2.5'
DA77482-5B	11/20/25	12:00 WW	11/21/25	SO	Soil	PWV01-N@2.5'
DA77482-5C	11/20/25	12:00 WW	11/21/25	SO	Soil	PWV01-N@2.5'
DA77482-7	11/20/25	12:05 WW	11/21/25	SO	Soil	PWV01-B@4'
DA77482-7A	11/20/25	12:05 WW	11/21/25	SO	Soil	PWV01-B@4'
DA77482-7B	11/20/25	12:05 WW	11/21/25	SO	Soil	PWV01-B@4'
DA77482-7C	11/20/25	12:05 WW	11/21/25	SO	Soil	PWV01-B@4'

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

Summary of Hits

Job Number: DA77482
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14
Collected: 11/20/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA77482-1 AST01@0-0.5'

TPH-DRO (C10-C28)	11.4	4.2		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	24.3	6.3		mg/kg	SW846-8015C

DA77482-1A AST01@0-0.5'

Calcium	8.05	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.0742			ratio	USDA HANDBOOK 60

DA77482-1B AST01@0-0.5'

No hits reported in this sample.

DA77482-1C AST01@0-0.5'

Arsenic	1.6	0.19		mg/kg	SW846 6020B
Barium	28.6	1.9		mg/kg	SW846 6020B
Cadmium	0.12	0.096		mg/kg	SW846 6020B
Copper	3.0	1.9		mg/kg	SW846 6020B
Lead	4.0	0.48		mg/kg	SW846 6020B
Zinc	12.2	9.6		mg/kg	SW846 6020B
pH ^b	4.78			su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.25	0.0010		mmhos/cm	SM 2510B-2011 MOD

DA77482-2 AST02@0-0.5'

TPH-ORO (> C28-C36)	10.7	6.0		mg/kg	SW846-8015C
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DA77482-2A AST02@0-0.5'

Calcium	40.8	6.0		mg/l	SW846 6010C
Magnesium	29.3	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.0525			ratio	USDA HANDBOOK 60

DA77482-2B AST02@0-0.5'

No hits reported in this sample.

DA77482-2C AST02@0-0.5'

Arsenic	2.4	0.18		mg/kg	SW846 6020B
Barium	32.4	1.8		mg/kg	SW846 6020B
Cadmium	0.15	0.091		mg/kg	SW846 6020B
Copper	3.5	1.8		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA77482
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14
Collected: 11/20/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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Lead		7.2	0.45		mg/kg	SW846 6020B
Nickel		1.9	1.8		mg/kg	SW846 6020B
Zinc		14.2	9.1		mg/kg	SW846 6020B
pH ^b		4.97			su	WREP-125,4E-SATPASTE
Specific Conductivity ^b		0.052	0.0010		mmhos/cm	SM 2510B-2011 MOD

DA77482-3 SEP01-DL@2.5'

No hits reported in this sample.

DA77482-3A SEP01-DL@2.5'

Calcium		73.5	6.0		mg/l	SW846 6010C
Magnesium		8.97	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio ^a		0.0615			ratio	USDA HANDBOOK 60

DA77482-3B SEP01-DL@2.5'

No hits reported in this sample.

DA77482-3C SEP01-DL@2.5'

Arsenic		2.4	0.20		mg/kg	SW846 6020B
Barium		51.1	2.0		mg/kg	SW846 6020B
Copper		4.5	2.0		mg/kg	SW846 6020B
Lead		4.9	0.50		mg/kg	SW846 6020B
Nickel		3.2	2.0		mg/kg	SW846 6020B
Zinc		14.7	10		mg/kg	SW846 6020B
pH ^b		7.70			su	WREP-125,4E-SATPASTE
Specific Conductivity ^b		0.49	0.0010		mmhos/cm	SM 2510B-2011 MOD

DA77482-4 SEP01-FL@2.5'

No hits reported in this sample.

DA77482-4A SEP01-FL@2.5'

Calcium		56.0	6.0		mg/l	SW846 6010C
Magnesium		9.75	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio ^a		0.0729			ratio	USDA HANDBOOK 60

DA77482-4B SEP01-FL@2.5'

No hits reported in this sample.

Summary of Hits

Job Number: DA77482
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14
Collected: 11/20/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA77482-4C SEP01-FL@2.5'

Arsenic	2.2	0.18			mg/kg	SW846 6020B
Barium	55.7	1.8			mg/kg	SW846 6020B
Cadmium	0.10	0.088			mg/kg	SW846 6020B
Copper	3.4	1.8			mg/kg	SW846 6020B
Lead	5.2	0.44			mg/kg	SW846 6020B
Nickel	3.3	1.8			mg/kg	SW846 6020B
Zinc	13.8	8.8			mg/kg	SW846 6020B
pH ^b	7.78				su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.36	0.0010			mmhos/cm	SM 2510B-2011 MOD

DA77482-5 PWV01-N@2.5'

TPH-DRO (C10-C28)	138	4.3			mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	246	6.5			mg/kg	SW846-8015C

DA77482-5A PWV01-N@2.5'

Calcium	44.2	6.0			mg/l	SW846 6010C
Magnesium	7.64	3.0			mg/l	SW846 6010C
Sodium Adsorption Ratio ^a	0.148				ratio	USDA HANDBOOK 60

DA77482-5B PWV01-N@2.5'

No hits reported in this sample.

DA77482-5C PWV01-N@2.5'

Arsenic	3.0	0.19			mg/kg	SW846 6020B
Barium	46.8	1.9			mg/kg	SW846 6020B
Copper	3.8	1.9			mg/kg	SW846 6020B
Lead	5.3	0.47			mg/kg	SW846 6020B
Nickel	3.6	1.9			mg/kg	SW846 6020B
Zinc	15.4	9.4			mg/kg	SW846 6020B
pH ^b	7.66				su	WREP-125,4E-SATPASTE
Specific Conductivity ^b	0.50	0.0010			mmhos/cm	SM 2510B-2011 MOD

DA77482-7 PWV01-B@4'

No hits reported in this sample.

DA77482-7A PWV01-B@4'

Calcium	64.9	6.0			mg/l	SW846 6010C
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Summary of Hits

Job Number: DA77482
Account: Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14
Collected: 11/20/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		10.3	3.0		mg/l	SW846 6010C
		46.5	6.0		mg/l	SW846 6010C
		1.41			ratio	USDA HANDBOOK 60

DA77482-7B PWV01-B@4'

No hits reported in this sample.

DA77482-7C PWV01-B@4'

Arsenic		2.5	0.13		mg/kg	SW846 6020B
Barium		30.6	1.3		mg/kg	SW846 6020B
Cadmium		0.10	0.063		mg/kg	SW846 6020B
Copper		3.2	1.3		mg/kg	SW846 6020B
Lead		4.7	0.32		mg/kg	SW846 6020B
Nickel		2.5	1.3		mg/kg	SW846 6020B
Zinc		12.1	6.3		mg/kg	SW846 6020B
pH ^b		7.28			su	WREP-125,4E-SATPASTE
Specific Conductivity ^b		0.59	0.0010		mmhos/cm	SM 2510B-2011 MOD

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

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

Sample Results

Report of Analysis

Report of Analysis

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Client Sample ID: AST01@0-0.5'	
Lab Sample ID: DA77482-1	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846 8260D	Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41727.D	1	11/27/25 04:01	MB	n/a	n/a	V4V2028
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.04 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	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	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	109%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	91%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		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: AST01@0-0.5'		
Lab Sample ID: DA77482-1		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G006660.D	1	11/27/25 00:53	ZL	11/25/25 13:30	OP29373	E7G250
Run #2							

	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	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	87%		22-138%
4165-60-0	Nitrobenzene-d5	85%		32-143%
1718-51-0	Terphenyl-d14	91%		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: AST01@0-0.5'	
Lab Sample ID: DA77482-1	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846-8015C SW846 3570	Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083263.D	1	11/26/25 03:29	JB	11/25/25 08:00	OP29385	GFH24047
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	11.4	4.2	mg/kg	
	TPH-ORO (> C28-C36)	24.3	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		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: AST01@0-0.5'	
Lab Sample ID: DA77482-1A	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	8.05	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	< 3.0	3.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19954

(2) Prep QC Batch: MP44733

RL = Reporting Limit

Report of Analysis

Client Sample ID: AST01@0-0.5'	
Lab Sample ID: DA77482-1A	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0742		ratio	1	12/11/25 13:56	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: AST01@0-0.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-1B	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14	

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	11/26/25	12/09/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19940

(2) Prep QC Batch: MP44705

RL = Reporting Limit

Report of Analysis

Client Sample ID: AST01@0-0.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-1C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	1.6	0.19	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	28.6	1.9	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	0.12	0.096	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	3.0	1.9	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.0	0.48	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	< 1.9	1.9	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.19	0.19	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.096	0.096	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	12.2	9.6	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19914

(2) Prep QC Batch: MP44659

RL = Reporting Limit

Report of Analysis

Client Sample ID: AST01@0-0.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-1C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 94.6
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH ^a	4.78		su	1	11/25/25 17:14	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.25	0.0010	mmhos/cm	1	11/25/25 17:04	GC	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.43	0.43	mg/kg	1	12/23/25 16:09	ANJ	SW846 3060A/7199

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

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

3.5
3

Client Sample ID: AST02@0-0.5'	
Lab Sample ID: DA77482-2	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846 8260D	Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41728.D	1	11/27/25 04:23	MB	n/a	n/a	V4V2028
Run #2 ^a	4V41877.D	1	12/03/25 21:39	MB	n/a	n/a	V4V2033

Run #	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2	5.24 g	5.0 ml

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	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	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	125%	85%	70-130%
2037-26-5	Toluene-D8	87%	79%	70-130%
460-00-4	4-Bromofluorobenzene	81%	88%	70-130%
17060-07-0	1,2-Dichloroethane-D4	116%	0%	70-130%

(a) Confirmation run for internal standard areas.

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: AST02@0-0.5'		
Lab Sample ID: DA77482-2		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G006661.D	1	11/27/25 01:13	ZL	11/25/25 13:30	OP29373	E7G250
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	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	80%		22-138%
4165-60-0	Nitrobenzene-d5	81%		32-143%
1718-51-0	Terphenyl-d14	95%		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

Client Sample ID: AST02@0-0.5'		
Lab Sample ID: DA77482-2		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846-8015C SW846 3570		Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083264.D	1	11/26/25 03:40	JB	11/25/25 08:00	OP29385	GFH24047
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.0	4.0	mg/kg	
	TPH-ORO (> C28-C36)	10.7	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	105%		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: AST02@0-0.5'	
Lab Sample ID: DA77482-2A	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	40.8	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	29.3	3.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19954

(2) Prep QC Batch: MP44733

RL = Reporting Limit

Report of Analysis

Client Sample ID: AST02@0-0.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-2A		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0525		ratio	1	12/11/25 14:02	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: AST02@0-0.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-2B	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14	

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	11/26/25	12/09/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19940

(2) Prep QC Batch: MP44705

RL = Reporting Limit

Report of Analysis

Client Sample ID: AST02@0-0.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-2C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.4	0.18	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	32.4	1.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	0.15	0.091	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	3.5	1.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	7.2	0.45	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	1.9	1.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.18	0.18	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.091	0.091	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	14.2	9.1	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19914

(2) Prep QC Batch: MP44659

RL = Reporting Limit

Report of Analysis

Client Sample ID: AST02@0-0.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-2C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 95.9
Project: TASMCOA: Wells Ranch USX AE21-14	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH ^a	4.97		su	1	11/25/25 17:14	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.052	0.0010	mmhos/cm	1	11/25/25 17:04	GC	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.43	0.43	mg/kg	1	12/23/25 16:35	ANJ	SW846 3060A/7199

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

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

3.9
3

Client Sample ID: SEP01-DL@2.5'	
Lab Sample ID: DA77482-3	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846 8260D	Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41739.D	1	11/27/25 08:26	MB	n/a	n/a	V4V2028
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0012	0.0012	mg/kg	
100-41-4	Ethylbenzene	< 0.0025	0.0025	mg/kg	
108-88-3	Toluene	< 0.0025	0.0025	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0025	0.0025	mg/kg	
	m,p-Xylene	< 0.0025	0.0025	mg/kg	
95-47-6	o-Xylene	< 0.0025	0.0025	mg/kg	
1330-20-7	Xylene (total)	< 0.0025	0.0025	mg/kg	
	TPH-GRO (C6-C10)	< 0.25	0.25	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		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: SEP01-DL@2.5'		
Lab Sample ID: DA77482-3		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G003340.D	1	11/29/25 17:04	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	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0061	0.0061	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	106%		22-138%
4165-60-0	Nitrobenzene-d5	132%		32-143%
1718-51-0	Terphenyl-d14	107%		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

3.9
3

Client Sample ID: SEP01-DL@2.5'		
Lab Sample ID: DA77482-3		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846-8015C SW846 3570		Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083265.D	1	11/26/25 03:51	JB	11/25/25 08:00	OP29385	GFH24047
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	100%		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: SEP01-DL@2.5'	
Lab Sample ID: DA77482-3A	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	73.5	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	8.97	3.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19954

(2) Prep QC Batch: MP44733

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-DL@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-3A		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0615		ratio	1	12/11/25 14:04	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: SEP01-DL@2.5'	
Lab Sample ID: DA77482-3B	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14	

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	11/26/25	12/09/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19940

(2) Prep QC Batch: MP44705

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-DL@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-3C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.4	0.20	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	51.1	2.0	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.10	0.10	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	4.5	2.0	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.9	0.50	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.2	2.0	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.20	0.20	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.10	0.10	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	14.7	10	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19914

(2) Prep QC Batch: MP44659

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-DL@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-3C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 81.0
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method pH ^a	7.70		su	1	11/25/25 17:14	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9 Specific Conductivity ^a	0.49	0.0010	mmhos/cm	1	11/25/25 17:04	GC	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.50	0.50	mg/kg	1	12/23/25 16:51	ANJ	SW846 3060A/7199

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

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-FL@2.5'	
Lab Sample ID: DA77482-4	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846 8260D	Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41740.D	1	11/27/25 08:48	MB	n/a	n/a	V4V2028
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.37 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		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: SEP01-FL@2.5'		
Lab Sample ID: DA77482-4		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G003338.D	1	11/29/25 16:25	ZL	11/26/25 14:00	OP29399	E9G130
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.2 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	105%		22-138%
4165-60-0	Nitrobenzene-d5	136%		32-143%
1718-51-0	Terphenyl-d14	94%		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

Client Sample ID: SEP01-FL@2.5'	
Lab Sample ID: DA77482-4	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846-8015C SW846 3570	Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083266.D	1	11/26/25 04:03	JB	11/25/25 08:00	OP29385	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)	< 4.9	4.9	mg/kg	
	TPH-ORO (> C28-C36)	< 7.3	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	104%		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: SEP01-FL@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-4A		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	56.0	6.0	mg/l	1	11/26/25	12/09/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	9.75	3.0	mg/l	1	11/26/25	12/09/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	11/26/25	12/09/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19941

(2) Prep QC Batch: MP44688

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-FL@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-4A		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.0729		ratio	1	12/09/25 20:42	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: SEP01-FL@2.5'	
Lab Sample ID: DA77482-4B	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14	

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	11/26/25	12/09/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19940

(2) Prep QC Batch: MP44705

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-FL@2.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-4C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.2	0.18	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	55.7	1.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	0.10	0.088	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	3.4	1.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	5.2	0.44	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.3	1.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.18	0.18	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.088	0.088	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	13.8	8.8	mg/kg	10	11/25/25	12/04/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19914

(2) Prep QC Batch: MP44659

RL = Reporting Limit

Report of Analysis

Client Sample ID: SEP01-FL@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-4C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 81.8
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH ^a	7.78		su	1	11/25/25 17:14	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.36	0.0010	mmhos/cm	1	11/25/25 17:04	GC	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.49	0.49	mg/kg	1	12/23/25 17:06	ANJ	SW846 3060A/7199

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

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-N@2.5'	
Lab Sample ID: DA77482-5	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846 8260D	Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41741.D	1	11/27/25 09:10	MB	n/a	n/a	V4V2028
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.24 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	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	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	110%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		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: PWV01-N@2.5'		
Lab Sample ID: DA77482-5		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G003341.D	1	11/29/25 17:24	ZL	11/26/25 14:00	OP29399	E9G130
Run #2							

	Initial Weight	Final Volume
Run #1	5.3 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	84%		22-138%
4165-60-0	Nitrobenzene-d5	99%		32-143%
1718-51-0	Terphenyl-d14	71%		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

Client Sample ID: PWV01-N@2.5'	
Lab Sample ID: DA77482-5	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846-8015C SW846 3570	Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083267.D	1	11/26/25 04:14	JB	11/25/25 08:00	OP29385	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)	138	4.3	mg/kg	
	TPH-ORO (> C28-C36)	246	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	110%		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: PWV01-N@2.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-5A	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	44.2	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	7.64	3.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	< 6.0	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19954

(2) Prep QC Batch: MP44733

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-N@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-5A		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.148		ratio	1	12/11/25 14:05	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: PWV01-N@2.5'	
Lab Sample ID: DA77482-5B	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14	

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	11/26/25	12/10/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19946

(2) Prep QC Batch: MP44704

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-N@2.5'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-5C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	3.0	0.19	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	46.8	1.9	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	< 0.094	0.094	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	3.8	1.9	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	5.3	0.47	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	3.6	1.9	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.19	0.19	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.094	0.094	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	15.4	9.4	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19912

(2) Prep QC Batch: MP44660

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-N@2.5'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-5C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 91.9
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method pH ^a	7.66		su	1	11/25/25 20:04	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9 Specific Conductivity ^a	0.50	0.0010	mmhos/cm	1	11/25/25 20:20	GC	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.43	0.43	mg/kg	1	12/23/25 17:22	ANJ	SW846 3060A/7199

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

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-B@4'		
Lab Sample ID: DA77482-7		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8260D		Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V41742.D	1	11/27/25 09:32	MB	n/a	n/a	V4V2028
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.32 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	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	107%		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: PWV01-B@4'		
Lab Sample ID: DA77482-7		Date Sampled: 11/20/25
Matrix: SO - Soil		Date Received: 11/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G003342.D	1	11/29/25 17:44	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	94%		22-138%
4165-60-0	Nitrobenzene-d5	120%		32-143%
1718-51-0	Terphenyl-d14	99%		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

Client Sample ID: PWV01-B@4'	
Lab Sample ID: DA77482-7	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
Method: SW846-8015C SW846 3570	Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FH083268.D	1	11/26/25 04:26	JB	11/25/25 08:00	OP29385	GFH24047
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.5 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 3.9	3.9	mg/kg	
	TPH-ORO (> C28-C36)	< 5.8	5.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	100%		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: PWV01-B@4'	
Lab Sample ID: DA77482-7A	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	64.9	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium	10.3	3.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium	46.5	6.0	mg/l	1	12/02/25	12/11/25 BR	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: MA19954

(2) Prep QC Batch: MP44733

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-B@4'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-7A		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	1.41		ratio	1	12/11/25 14:07	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: PWV01-B@4'	
Lab Sample ID: DA77482-7B	Date Sampled: 11/20/25
Matrix: SO - Soil	Date Received: 11/21/25
	Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14	

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	11/26/25	12/10/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19946

(2) Prep QC Batch: MP44704

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-B@4'	Date Sampled: 11/20/25
Lab Sample ID: DA77482-7C	Date Received: 11/21/25
Matrix: SO - Soil	Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	2.5	0.13	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Barium	30.6	1.3	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Cadmium	0.10	0.063	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Copper	3.2	1.3	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Lead	4.7	0.32	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Nickel	2.5	1.3	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Selenium	< 0.13	0.13	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Silver	< 0.063	0.063	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²
Zinc	12.1	6.3	mg/kg	10	11/25/25	12/05/25 GS	SW846 6020B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA19912

(2) Prep QC Batch: MP44660

RL = Reporting Limit

Report of Analysis

Client Sample ID: PWV01-B@4'		Date Sampled: 11/20/25
Lab Sample ID: DA77482-7C		Date Received: 11/21/25
Matrix: SO - Soil		Percent Solids: 93.5
Project: TASMCOA: Wells Ranch USX AE21-14		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method pH ^a	7.28		su	1	11/25/25 20:04	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9 Specific Conductivity ^a	0.59	0.0010	mmhos/cm	1	11/25/25 20:20	GC	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.41	0.41	mg/kg	1	12/23/25 18:58	ANJ	SW846 3060A/7199

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

(b) Analysis performed at SGS Dayton, NJ.

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

Form containing Client/Reporting Information, Project Information, Requested Analysis (see TEST CODE sheet), Matrix Codes, Turnaround Time, Data Deliverable Information, and Sample Custody tracking details.

Table with columns for Field ID / Point of Collection, Date, Time, Matrix, # of bottles, and various chemical analysis parameters (Metals, VOCs, TPH, PAHs, pH, EC, SAR, boron, TDS, Cl, SO4).

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DA77482: Chain of Custody

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SGS Sample Receipt Summary

Job Number: da77482

Client: TASMAN

Project: WELLS RANCH USX AE21-14

Date / Time Received: 11/21/2025 8:05:00 AM

Delivery Method: co

Airbill #'s: _____

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

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

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 analysis
- 4. Condition of sample: Intact
- 5. Sample recv'd within HT
- 6. Dates/Times/IDs on COC match sample label
- 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: _____ pH 10-12: _____ Other: (Specify) _____
 Residual Chlorine Test Strip Lot _____

Comments 8260 samples will be in freezer by 7PM.

SM001

Rev. Date 05/04/17

Technician: SHALINIW

Date: 11/21/2025 8:06:29 AM

Reviewer: _____

Date: _____

DA77482: Chain of Custody

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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: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2028-MB	4V41726.D	1	11/27/25	MB	n/a	n/a	V4V2028

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

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	ND	2.0	ug/kg	
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	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	107%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

Blank Spike Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2028-BS	4V41724.D	1	11/27/25	MB	n/a	n/a	V4V2028

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	50.4	101	70-130
100-41-4	Ethylbenzene	50	51.8	104	70-130
108-88-3	Toluene	50	48.4	97	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.1	110	70-134
108-67-8	1,3,5-Trimethylbenzene	50	55.8	112	70-134
	m,p-Xylene	100	106	106	70-130
95-47-6	o-Xylene	50	57.3	115	70-136
1330-20-7	Xylene (total)	150	163	109	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2028-BS	4V41725.D	1	11/27/25	MB	n/a	n/a	V4V2028

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1760	88	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77482-1MS	4V41729.D	1	11/27/25	MB	n/a	n/a	V4V2028
DA77482-1MSD	4V41730.D	1	11/27/25	MB	n/a	n/a	V4V2028
DA77482-1	4V41727.D	1	11/27/25	MB	n/a	n/a	V4V2028

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	DA77482-1 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	51.9	44.3	85	51.2	45.2	88	2	44-150/44
100-41-4	Ethylbenzene	< 2.1	51.9	42.8	82	51.2	44.2	86	3	41-149/49
108-88-3	Toluene	< 2.1	51.9	41.6	80	51.2	43.2	84	4	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1	51.9	42.0	81	51.2	46.2	90	10	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1	51.9	42.8	82	51.2	46.7	91	9	30-161/60
	m,p-Xylene	< 2.1	104	87.4	84	102	92.0	90	5	36-152/49
95-47-6	o-Xylene	< 2.1	51.9	46.2	89	51.2	49.2	96	6	33-168/49
1330-20-7	Xylene (total)	< 2.1	156	134	86	154	141	92	5	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA77482-1	Limits
1868-53-7	Dibromofluoromethane	102%	108%	109%	70-130%
2037-26-5	Toluene-D8	96%	98%	94%	70-130%
460-00-4	4-Bromofluorobenzene	98%	98%	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	104%	106%	70-130%

* = Outside of Control Limits.

5.3.1
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Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77482-2MS	4V41731.D	1	11/27/25	MB	n/a	n/a	V4V2028
DA77482-2MSD	4V41732.D	1	11/27/25	MB	n/a	n/a	V4V2028
DA77482-2	4V41728.D	1	11/27/25	MB	n/a	n/a	V4V2028

The QC reported here applies to the following samples:

Method: SW846 8260D

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	DA77482-2 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)	< 210	2020	1280	63	2060	1470	71	14	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA77482-2	Limits
1868-53-7	Dibromofluoromethane	104%	98%	125%	70-130%
2037-26-5	Toluene-D8	97%	94%	87%	70-130%
460-00-4	4-Bromofluorobenzene	91%	96%	81%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	116%	70-130%

* = Outside of Control Limits.

5.3.2
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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: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29373-MB	7G006638.D	1	11/26/25	ZL	11/25/25	OP29373	E7G250

The QC reported here applies to the following samples:

Method: SW846 8270E

DA77482-1, DA77482-2

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	89%	22-138%
4165-60-0	Nitrobenzene-d5	87%	32-143%
1718-51-0	Terphenyl-d14	101%	48-149%

6.1.1
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Method Blank Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

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

DA77482-3, DA77482-4, DA77482-5, DA77482-7

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%

6.12
6

Blank Spike Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29373-BS	7G006639.D	1	11/26/25	ZL	11/25/25	OP29373	E7G250

The QC reported here applies to the following samples:

Method: SW846 8270E

DA77482-1, DA77482-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	230	115	46-152
120-12-7	Anthracene	200	260	130	65-147
56-55-3	Benzo(a)anthracene	200	255	128	64-144
205-99-2	Benzo(b)fluoranthene	200	266	133	70-154
207-08-9	Benzo(k)fluoranthene	200	242	121	70-158
50-32-8	Benzo(a)pyrene	200	246	123	64-159
218-01-9	Chrysene	200	258	129	70-156
53-70-3	Dibenzo(a,h)anthracene	200	247	124	63-156
206-44-0	Fluoranthene	200	279	140	62-155
86-73-7	Fluorene	200	236	118	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	248	124	67-156
90-12-0	1-Methylnaphthalene	200	201	101	21-168
91-57-6	2-Methylnaphthalene	200	201	101	18-161
91-20-3	Naphthalene	200	185	93	2-173
129-00-0	Pyrene	200	264	132	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	86%	22-138%
4165-60-0	Nitrobenzene-d5	87%	32-143%
1718-51-0	Terphenyl-d14	94%	48-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

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

DA77482-3, DA77482-4, DA77482-5, DA77482-7

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: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29373-MS	7G006640.D	1	11/26/25	ZL	11/25/25	OP29373	E7G250
OP29373-MSD	7G006641.D	1	11/26/25	ZL	11/25/25	OP29373	E7G250
DA77475-1	7G006642.D	1	11/26/25	ZL	11/25/25	OP29373	E7G250

The QC reported here applies to the following samples:

Method: SW846 8270E

DA77482-1, DA77482-2

CAS No.	Compound	DA77475-1 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	< 4.1	198	221	111	198	236	119	7	30-148/32
120-12-7	Anthracene	< 4.1	198	261	132	198	257	129	2	40-148/33
56-55-3	Benzo(a)anthracene	< 5.2	198	257	129	198	253	127	2	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.1	198	256	129	198	251	126	2	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.1	198	236	119	198	239	120	1	43-165/41
50-32-8	Benzo(a)pyrene	< 4.1	198	244	123	198	243	122	0	41-161/37
218-01-9	Chrysene	< 4.1	198	257	129	198	253	127	2	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.1	198	241	121	198	239	120	1	42-155/36
206-44-0	Fluoranthene	< 4.1	198	277	140	198	266	134	4	40-151/34
86-73-7	Fluorene	< 4.1	198	241	121	198	246	124	2	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.1	198	241	121	198	243	122	1	41-156/37
90-12-0	1-Methylnaphthalene	< 4.1	198	199	100	198	207	104	4	23-149/36
91-57-6	2-Methylnaphthalene	< 4.1	198	202	102	198	211	106	4	18-144/35
91-20-3	Naphthalene	< 2.1	198	187	94	198	194	98	4	18-150/32
129-00-0	Pyrene	< 4.1	198	255	128	198	251	126	2	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA77475-1	Limits
321-60-8	2-Fluorobiphenyl	90%	91%	82%	22-138%
4165-60-0	Nitrobenzene-d5	86%	79%	82%	32-143%
1718-51-0	Terphenyl-d14	96%	94%	93%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

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

DA77482-3, DA77482-4, DA77482-5, DA77482-7

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: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29385-MB	FH083246.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

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	92% 20-142%

7.1.1
7

Blank Spike Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29385-BS1	FH083247.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	191	96	70-130

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29385-BS2	FH083248.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	214	107	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	100%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29385-MS1	FH083249.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047
OP29385-MSD1	FH083250.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047
DA77475-12	FH083253.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047

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

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	DA77475-12 Spike mg/kg	MS mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.6	225	226	100	225	236	105	4	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77475-12 Limits
84-15-1	o-Terphenyl	108%	107%	100% 20-142%

* = Outside of Control Limits.

7.3.1
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77482
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29385-MS2	FH083251.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047
OP29385-MSD2	FH083252.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047
DA77475-13	FH083254.D	1	11/26/25	JB	11/25/25	OP29385	GFH24047

The QC reported here applies to the following samples:

Method: SW846-8015C

DA77482-1, DA77482-2, DA77482-3, DA77482-4, DA77482-5, DA77482-7

CAS No.	Compound	DA77475-13 Spike mg/kg	MS mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 7.0	225	221	98	232	246	106	11	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77475-13 Limits
84-15-1	o-Terphenyl	96%	96%	99% 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: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44659
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 11/25/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.1	5		
Antimony	0.40	.0027	.05		
Arsenic	0.20	.004	.05	0.066	<0.20
Barium	2.0	.081	.24	0.051	<2.0
Beryllium	0.20	.015	.04		
Boron	40	8.2	10		
Cadmium	0.10	.024	.04	-0.017	<0.10
Calcium	400	.13	30		
Chromium	2.0	.038	.6		
Cobalt	0.20	.0016	.025		
Copper	2.0	.23	.25	0.23	<2.0
Iron	20	.069	15		
Lead	0.50	.0078	.2	0.081	<0.50
Magnesium	100	.12	10		
Manganese	1.0	.0099	.2		
Molybdenum	1.0	.0029	.27		
Nickel	2.0	.029	.2	-0.26	<2.0
Phosphorus	60	21	25		
Potassium	200	1.7	25		
Selenium	0.20	.0096	.05	0.039	<0.20
Silver	0.10	.001	.03	0.0019	<0.10
Sodium	500	1.2	30		
Strontium	20	.0047	1		
Thallium	0.20	.0028	.04		
Tin	10	.027	4		
Titanium	2.0	.0065	.3		
Uranium	0.20	.001	.1		
Vanadium	1.0	.035	.2		
Zinc	10	.1	1	0.68	<10

Associated samples MP44659: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

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

8.1.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44659
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/25/25

Metal	DA77482-4C Original MS		Spike/lot ICPMS6 % Rec		QC Limits
Aluminum					
Antimony					
Arsenic	2.2	64.9	70.7	88.7	75-125
Barium	55.7	194	141	97.9	75-125
Beryllium					
Boron					
Cadmium	0.10	35.6	35.3	100.5	75-125
Calcium					
Chromium					
Cobalt					
Copper	3.4	35.3	35.3	90.3	75-125
Iron					
Lead	5.2	79.5	70.7	105.1	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	3.3	35.0	35.3	89.7	75-125
Phosphorus					
Potassium					
Selenium	0.12	59.6	70.7	84.2	75-125
Silver	0.016	14.1	14.1	99.7	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	13.8	47.2	35.3	94.5	75-125

Associated samples MP44659: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

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: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44659
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/25/25

Metal	DA77482-4C Original MSD		Spike/lot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.2	92.8	97.8	92.6	35.4 (a)	20
Barium	55.7	256	196	102.4	27.6 (a)	20
Beryllium						
Boron						
Cadmium	0.10	49.8	48.9	101.6	33.3 (a)	20
Calcium						
Chromium						
Cobalt						
Copper	3.4	50.2	48.9	95.7	34.9 (a)	20
Iron						
Lead	5.2	110	97.8	107.2	32.2 (a)	20
Magnesium						
Manganese						
Molybdenum						
Nickel	3.3	49.7	48.9	94.9	34.7 (a)	20
Phosphorus						
Potassium						
Selenium	0.12	87.4	97.8	89.2	37.8 (a)	20
Silver	0.016	19.7	19.6	100.6	33.1 (a)	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	13.8	62.4	48.9	99.4	27.7 (a)	20

Associated samples MP44659: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

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) High RPD due to possible sample nonhomogeneity.

8.1.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44659
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/25/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	102	100	102.0	80-120
Barium	206	200	103.0	80-120
Beryllium				
Boron				
Cadmium	50.8	50	101.6	80-120
Calcium				
Chromium				
Cobalt				
Copper	52.0	50	104.0	80-120
Iron				
Lead	107	100	107.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	51.2	50	102.4	80-120
Phosphorus				
Potassium				
Selenium	99.6	100	99.6	80-120
Silver	20.3	20	101.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.3	50	100.6	80-120

Associated samples MP44659: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

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: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44659
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: ug/l

Prep Date: 11/25/25

Metal	DA77482-4C Original SDL 10:50%DIF		QC Limits	
Aluminum				
Antimony				
Arsenic	25.0	29.1	16.2	0-20
Barium	633	634	0.2	0-20
Beryllium				
Boron				
Cadmium	1.14	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	39.0	42.3	8.2	0-20
Iron				
Lead	59.1	59.3	0.3	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	37.3	26.4	29.3*(b)	0-20
Phosphorus				
Potassium				
Selenium	1.35	1.91	41.2 (a)	0-20
Silver	0.183	0.267	45.9 (a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	157	174	11.1	0-20

Associated samples MP44659: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

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).

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

8.1.4
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44660
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 11/25/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.043	<0.20
Barium	2.0	.096	.24	0.069	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.012	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.22	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.051	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.41	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0055	<0.20
Silver	0.10	.0081	.03	0.0049	<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	0.35	<10

Associated samples MP44660: DA77482-5C, DA77482-7C

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

8.2.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44660
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/25/25

Metal	DA77543-18 Original MS		Spike/lot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	5.8	104	102	96.4	75-125
Barium	25.3	220	204	95.5	75-125
Beryllium					
Boron					
Cadmium	0.0	52.9	51	103.8	75-125
Calcium					
Chromium					
Cobalt					
Copper	3.5	55.6	51	102.2	75-125
Iron					
Lead	7.5	113	102	103.5	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	6.5	57.2	51	99.5	75-125
Phosphorus					
Potassium					
Selenium	0.099	96.7	102	94.8	75-125
Silver	0.0088	21.4	20.4	104.9	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	30.3	79.3	51	96.2	75-125

Associated samples MP44660: DA77482-5C, DA77482-7C

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

8.2.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44660
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/25/25

Metal	DA77543-18 Original MSD		Spike/lot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	5.8	101	102	93.4	2.9	20
Barium	25.3	219	204	95.0	0.5	20
Beryllium						
Boron						
Cadmium	0.0	51.6	51	101.3	2.5	20
Calcium						
Chromium						
Cobalt						
Copper	3.5	55.1	51	101.3	0.9	20
Iron						
Lead	7.5	111	102	101.6	1.8	20
Magnesium						
Manganese						
Molybdenum						
Nickel	6.5	56.7	51	98.5	0.9	20
Phosphorus						
Potassium						
Selenium	0.099	94.6	102	92.7	2.2	20
Silver	0.0088	20.8	20.4	102.0	2.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	30.3	78.0	51	93.6	1.7	20

Associated samples MP44660: DA77482-5C, DA77482-7C

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

8.2.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44660
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: mg/kg

Prep Date: 11/25/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	96.3	100	96.3	80-120
Barium	190	200	95.0	80-120
Beryllium				
Boron				
Cadmium	50.8	50	101.6	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.2	50	102.4	80-120
Iron				
Lead	103	100	103.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	49.4	50	98.8	80-120
Phosphorus				
Potassium				
Selenium	94.9	100	94.9	80-120
Silver	20.6	20	103.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.7	50	99.4	80-120

Associated samples MP44660: DA77482-5C, DA77482-7C

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

8.2.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44660
 Matrix Type: SOLID

Methods: SW846 6020B
 Units: ug/l

Prep Date: 11/25/25

Metal	DA77543-18 Original SDL 10:50%DIF		QC Limits	
Aluminum				
Antimony				
Arsenic	56.2	54.2	3.6	0-20
Barium	244	225	7.7	0-20
Beryllium				
Boron				
Cadmium	0.00	0.00	NC	0-20
Calcium				
Chromium				
Cobalt				
Copper	33.8	35.1	3.8	0-20
Iron				
Lead	72.1	68.1	5.6	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	63.0	42.1	33.2*(a)	0-20
Phosphorus				
Potassium				
Selenium	0.958	0.00	100.0(b)	0-20
Silver	0.0851	0.00	100.0(b)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	291	287	1.4	0-20

Associated samples MP44660: DA77482-5C, DA77482-7C

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

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

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44688
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	191	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lithium	75	7.5	20		
Magnesium	3000	330	380	0.0	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Potassium	15000	380	1900		
Silver	450	14	57		
Sodium	6000	67	750	150	<6000

Associated samples MP44688: DA77482-4A

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

8.3.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVROG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44688
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	DA77482-4A Original MS		SpikeLot ICPAL6	% Rec	QC Limits
Aluminum					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	56000	405000	375000	93.1	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lithium					
Magnesium	9750	368000	375000	95.5	75-125
Manganese					
Molybdenum					
Potassium					
Silver					
Sodium	2250	372000	375000	98.6	75-125

Associated samples MP44688: DA77482-4A

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

8.3.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVROG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44688
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	DA77482-4A Original MSD	SpikeLot ICPAL6	% Rec	MSD RPD	QC Limit	
Aluminum						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	56000	404000	375000	92.8	0.2	20
Chromium						
Cobalt						
Copper						
Iron						
Lithium						
Magnesium	9750	368000	375000	95.5	0.0	20
Manganese						
Molybdenum						
Potassium						
Silver						
Sodium	2250	367000	375000	97.3	1.4	20

Associated samples MP44688: DA77482-4A

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

8.3.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44688
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	360000	375000	96.0	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	366000	375000	97.6	80-120
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	371000	375000	98.9	80-120

Associated samples MP44688: DA77482-4A

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

8.3.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44688
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	DA77482-4A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	3730	3760	0.8	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	650	630	3.1	0-10
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	150	140	6.7	0-10

Associated samples MP44688: DA77482-4A

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

8.3.4
8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44704
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

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	12.5	<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 MP44704: DA77482-5B, DA77482-7B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

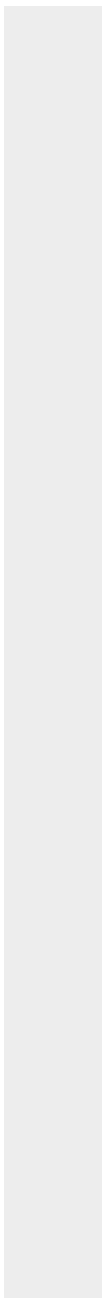
QC Batch ID: MP44704
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

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



8.4.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44704
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25 11/26/25

Metal	DA77543-18B Original	DUP	RPD	QC Limits	DA77543-18B Original MS	Spikelot ICPAL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	151	132	13.4	0-20	151	10800	10000	106.5 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 MP44704: DA77482-5B, DA77482-7B

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

8.4.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

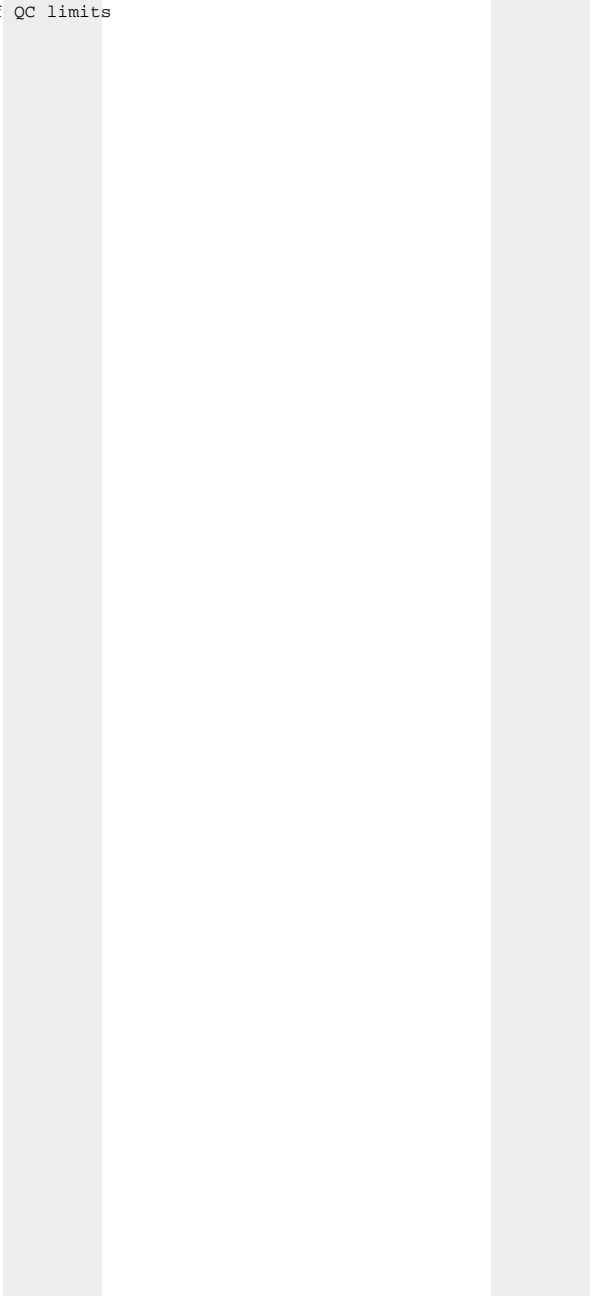
QC Batch ID: MP44704
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25 11/26/25

Metal	DA77543-18B Original DUP	RPD	QC Limits	DA77543-18B Original MS	Spikelot ICPAL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested



8.4.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44704
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9550	10000	95.5	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 MP44704: DA77482-5B, DA77482-7B

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

8.4.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

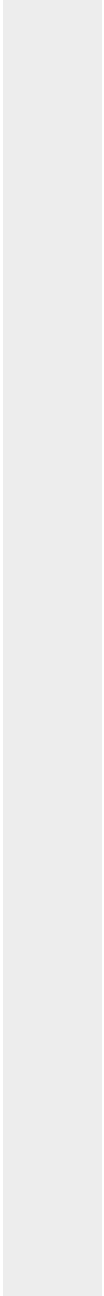
QC Batch ID: MP44704
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

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



8.4.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44704
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	DA77543-18B Original SDL 1:5	%DIF	QC Limits
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Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	30.2	62.5	107.0(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 MP44704: DA77482-5B, DA77482-7B

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

8.4.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44704
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

Metal	DA77543-18B	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested

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

8.4.4

8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44705
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

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	7.5	<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 MP44705: DA77482-1B, DA77482-2B, DA77482-3B, DA77482-4B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

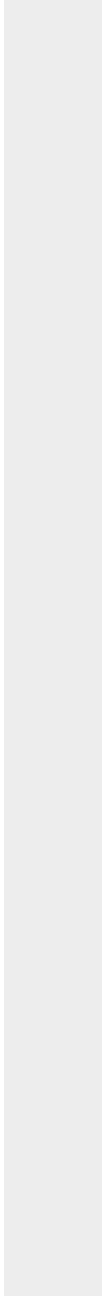
QC Batch ID: MP44705
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

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



8.5.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44705
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25 11/26/25

Metal	DA77482-4B Original	DUP	RPD	QC Limits	DA77482-4B Original MS	Spikelot ICPAL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	116	97.0	17.8	0-20	116	9190	10000	90.7 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 MP44705: DA77482-1B, DA77482-2B, DA77482-3B, DA77482-4B

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

8.52
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

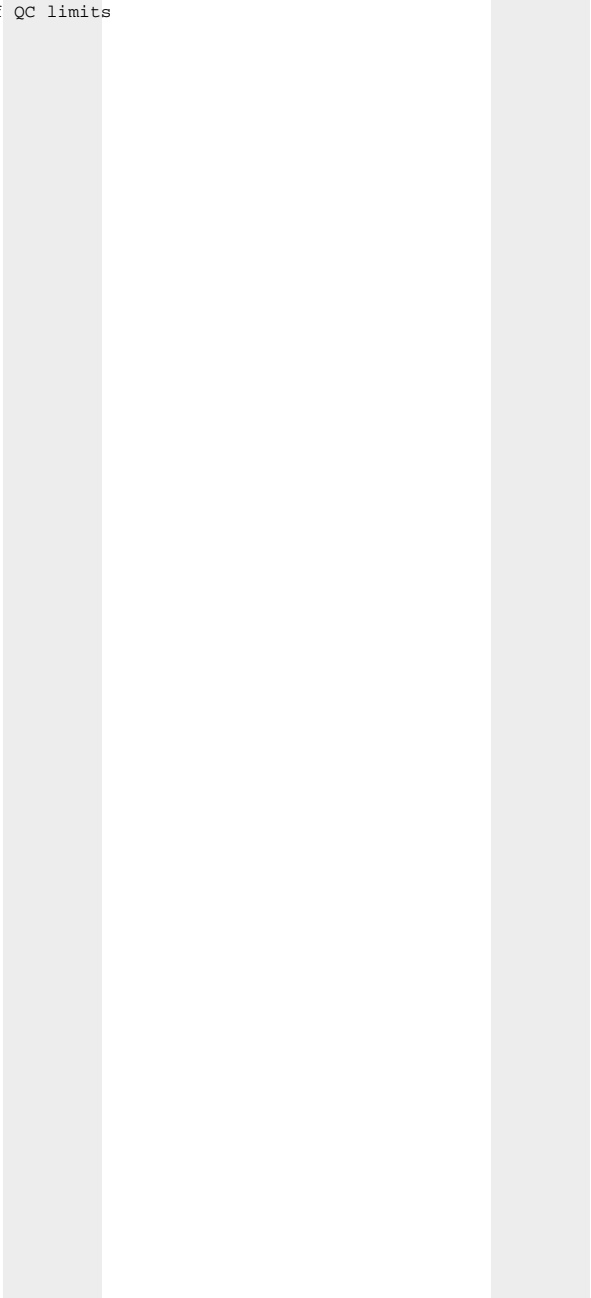
QC Batch ID: MP44705
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25 11/26/25

Metal	DA77482-4B Original DUP	RPD	QC Limits	DA77482-4B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested



8.5.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44705
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8300	10000	83.0	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 MP44705: DA77482-1B, DA77482-2B, DA77482-3B, DA77482-4B

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

8.5.3
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

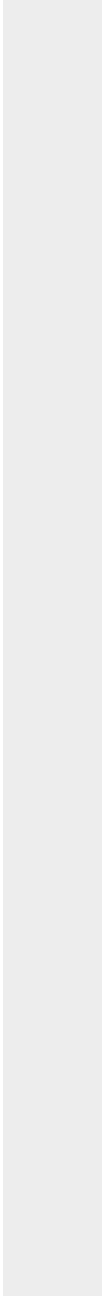
QC Batch ID: MP44705
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

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



8.5.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44705
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 11/26/25

Metal	DA77482-4B Original SDL 1:5	%DIF	QC Limits
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Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	23.2	46.5	100.4(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 MP44705: DA77482-1B, DA77482-2B, DA77482-3B, DA77482-4B

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

8.5.4
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44705
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/26/25

Metal	DA77482-4B	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested

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

8.5.4

8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44733
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/02/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	243	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lithium	75	7.5	20		
Magnesium	3000	330	380	45.0	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Potassium	15000	380	1900		
Silver	450	14	57		
Sodium	6000	67	750	0.0	<6000

Associated samples MP44733: DA77482-1A, DA77482-2A, DA77482-3A, DA77482-5A, DA77482-7A

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

8.6.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVROG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44733
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 12/02/25

Metal	DA77482-1A Original MS	SpikeLot ICPAL6	% Rec	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	8050	415000	375000	108.5 75-125
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	1880	396000	375000	105.1 75-125
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	900	396000	375000	105.4 75-125

Associated samples MP44733: DA77482-1A, DA77482-2A, DA77482-3A, DA77482-5A, DA77482-7A

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

8.6.2
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44733
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 12/02/25

Metal	DA77482-1A Original MSD	SpikeLot ICPAL6	% Rec	MSD RPD	QC Limit	
Aluminum						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	8050	410000	375000	107.2	1.2	20
Chromium						
Cobalt						
Copper						
Iron						
Lithium						
Magnesium	1880	393000	375000	104.3	0.8	20
Manganese						
Molybdenum						
Potassium						
Silver						
Sodium	900	378000	375000	100.6	4.7	20

Associated samples MP44733: DA77482-1A, DA77482-2A, DA77482-3A, DA77482-5A, DA77482-7A

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

8.6.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44733
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 12/02/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	392000	375000	104.5	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	379000	375000	101.1	80-120
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	384000	375000	102.4	80-120

Associated samples MP44733: DA77482-1A, DA77482-2A, DA77482-3A, DA77482-5A, DA77482-7A

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

8.6.3
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77482
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: TASMCOA: Wells Ranch USX AE21-14

QC Batch ID: MP44733
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 12/02/25

Metal	DA77482-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	537	600	11.8*(a)	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	125	124	0.8	0-10
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	60.0	0.00	100.0(b)	0-10

Associated samples MP44733: DA77482-1A, DA77482-2A, DA77482-3A, DA77482-5A, DA77482-7A

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Serial dilution indicates possible matrix interference.

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

8.6.4
8

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: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP40115/GN71015			mmhos/cm	1.409	1.5	107.3(a)	90-110%
Specific Conductivity	GP40119/GN71024			mmhos/cm	1.409	1.3	95.2(a)	90-110%

Associated Samples:

Batch GP40115: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C
Batch GP40119: DA77482-5C, DA77482-7C

(*) Outside of QC limits

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

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77482
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Wells Ranch USX AE21-14

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP40115/GN71015	DA77482-4C	mmhos/cm	0.36	0.35(a)	1.4(a)	0-20%
Specific Conductivity	GP40119/GN71024	DA77430-18C	mmhos/cm	0.22	0.22(a)	1.8(a)	0-20%
pH	GN71013	DA77428-4C	su	7.79	7.80(a)	0.1(a)	0-5%
pH	GN71023	DA77482-5C	su	7.66	7.69(a)	0.4(a)	0-5%

Associated Samples:

Batch GN71013: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

Batch GN71023: DA77482-5C, DA77482-7C

Batch GP40115: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C

Batch GP40119: DA77482-5C, DA77482-7C

(*) Outside of QC limits

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

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody



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

FEDEX Tracking # 4903-6079-5483 Bottle Order Control #
 SGS Quote # _____ SGS Job # DA77482

Client / Reporting Information			Project Information										Requested Analysis (see TEST CODE sheet)										Matrix Codes	
Company Name: SGS North America Inc.			Project Name: TASMCOA: Wells Ranch USX AE21-14																				DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge SED - Sediment CI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank	
Street Address: 4036 Youngfield Street			Street: Wheat Ridge, CO 80033																					
City State Zip: Wheat Ridge, CO 80033			City State Zip: Wheat Ridge, CO 80033																					
Project Contact: parna.eskandari@sgs.com			Project #:																					
Phone #: 303-425-6021			Client Purchase Order #:																					
Sampler(s) Name(s): WW			Project Manager:																					
Turnaround Time (Business days)			Data Deliverable Information										Comments / Special Instructions											
<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 <u>Due 12/5/2025</u> <small>Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT</small>			Approved By (SGS PM) / Date: _____ _____										<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Slate 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 checked="" type="checkbox"/> CC <input type="checkbox"/> Commercial "C" <small>Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data</small>											270 Initial Assessment <u>JA-2A</u> Label Verification _____
Relinquished by Sampler:			Date Time: <u>11-21-25</u>			Received By: <u>Fedex</u>			Relinquished By: <u>Fedex</u>			Date Time: <u>11/22</u>			Received By: <u>2</u>									
Relinquished by Sampler:			Date Time: <u>1</u>			Received By: <u>3</u>			Relinquished By: <u>4</u>			Date Time: <u>10:30</u>			Received By: <u>4</u>									
Relinquished by:			Date Time:			Received By:			Custody Seal #			<input type="checkbox"/> Intact Preserved where applicable On Ice Cooler Temp: <u>2-4</u> <input type="checkbox"/> Not Intact Therm. ID:												

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DA77482: Chain of Custody
 Page 1 of 2
 SGS Dayton, NJ



SGS Sample Receipt Summary

Job Number: DA77482

Client: SGS NORTH AMERICA INC.

Project: TASMCOA

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'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | <u>IR-50</u> | |
| 3. Cooler media: | <u>Ice (Bag)</u> | |
| 4. No. Coolers: | <u>1</u> | |

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input 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) _____
--------------------	------------------------	------------------------	------------------------

Comments

SM089-03
Rev. Date 12/7/17

DA77482: Chain of Custody

Page 2 of 2

10.1 10

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

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



METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77482
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Wells Ranch USX AE21-14

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP66429/GN77652	0.40	0.0	mg/kg	40	38.4	96.0	80-120%
Chromium, Hexavalent	GP66429/GN77652			mg/kg	933	792	84.9	80-120%

Associated Samples:

Batch GP66429: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C, DA77482-5C, DA77482-7C

(*) Outside of QC limits

11.1
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DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77482
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Wells Ranch USX AE21-14

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP66429/GN77652	DA77477-1C	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:

Batch GP66429: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C, DA77482-5C, DA77482-7C

(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77482
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Wells Ranch USX AE21-14

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP66429/GN77652	DA77477-1C	mg/kg	0.0	42.7	34.5	80.9 (a)	75-125%
Chromium, Hexavalent	GP66429/GN77652	DA77477-1C	mg/kg	0.0	1190	989	83.2 (b)	75-125%

Associated Samples:

Batch GP66429: DA77482-1C, DA77482-2C, DA77482-3C, DA77482-4C, DA77482-5C, DA77482-7C

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Good recovery on soluble XCR matrix spike. Good recovery (100.6%) on the post-spike.

(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.

11.3
11