The results set forth herein are provided by SGS North America Inc.

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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Cornish 17-11

10750 PO#UWRWE-A5146-AE5

SGS Job Number: DA75068

Sampling Date: 09/08/25

Report to:

Chevron USA, Inc.
2115 117th Avenue
Greeley, CO 80634
jadon.schiller@sgs.com; parna.eskandaripayandeh@sgs.com

ATTN: Bryce Goldade

Total number of pages in report: **66**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Eric Hoffman

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

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Sample Summary

Chevron USA, Inc.

Job No: DA75068

TASMCOA: Cornish 17-11
Project No: 10750 PO#UWRWE-A5146-AE5

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA75068-1	09/08/25	11:18	MB	09/08/25	SO	Soil	AST01@0-6"
DA75068-1A	09/08/25	11:18	MB	09/08/25	SO	Soil	AST01@0-6"
DA75068-1B	09/08/25	11:18	MB	09/08/25	SO	Soil	AST01@0-6"

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

Summary of Hits

Job Number: DA75068
Account: Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11
Collected: 09/08/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75068-1	**AST01@0-6"**					
TPH-DRO (C10-C28)		337	4.8		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		449	7.1		mg/kg	SW846-8015C
Arsenic		1.8	0.11		mg/kg	SW846 6020B
Barium		23.6	1.1		mg/kg	SW846 6020B
Cadmium		0.10	0.056		mg/kg	SW846 6020B
Copper		3.1	1.1		mg/kg	SW846 6020B
Lead		4.6	0.28		mg/kg	SW846 6020B
Nickel		2.8	1.1		mg/kg	SW846 6020B
Zinc		13.8	5.6		mg/kg	SW846 6020B
pH		6.60			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.34	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA75068-1A	**AST01@0-6"**					
Calcium		40.1	6.0		mg/l	SW846 6010C
Magnesium		20.1	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.0405			ratio	USDA HANDBOOK 60
DA75068-1B	**AST01@0-6"**					

No hits reported in this sample.

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75068-1	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
Method:	SW846 8260D	**Percent Solids:**	82.8
Project:	TASMCOA: Cornish 17-11		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V94397.D	1	09/16/25 15:12	MB	n/a	n/a	V5V4500
Run #2							

	Initial Weight	Final Volume
Run #1	5.18 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	< 0.0023	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	120%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	110%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		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@0-6"		
Lab Sample ID:	DA75068-1	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.8
Project:	TASMCOA: Cornish 17-11		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G60030.D	1	09/13/25 22:37	ZL	09/10/25 15:00	OP28523	E3G2895
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 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	< 0.0060	0.0060	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	63%		10-130%
4165-60-0	Nitrobenzene-d5	50%		10-130%
1718-51-0	Terphenyl-d14	81%		10-130%

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@0-6"		
Lab Sample ID:	DA75068-1	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.8
Project:	TASMCOA: Cornish 17-11		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP085926.D	1	09/13/25 07:25	JB	09/09/25 10:00	OP28517	GFP2483
Run #2							

	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)	337	4.8	mg/kg	
	TPH-ORO (> C28-C36)	449	7.1	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@0-6"		
Lab Sample ID:	DA75068-1	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
		Percent Solids:	82.8
Project:	TASMCOA: Cornish 17-11		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.8	0.11	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Barium	23.6	1.1	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.10	0.056	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Copper	3.1	1.1	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Lead	4.6	0.28	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.8	1.1	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.056	0.056	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.8	5.6	mg/kg	5	09/12/25	09/15/25	CDL	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19621
(2) Prep QC Batch: MP42879

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75068-1	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
		Percent Solids:	82.8
Project:	TASMCOA: Cornish 17-11		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	82.8		%	1	09/11/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	6.60		su	1	09/19/25 09:05	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.34	0.0010	mmhos/cm	1	09/19/25 09:05	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	09/25/25 15:57	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75068-1A	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
		Percent Solids:	82.8
Project:	TASMCOA: Cornish 17-11		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	40.1	6.0	mg/l	1	09/12/25	09/16/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	20.1	3.0	mg/l	1	09/12/25	09/16/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	09/12/25	09/16/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19625
(2) Prep QC Batch: MP42897

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75068-1A	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
		Percent Solids:	82.8
Project:	TASMCOA: Cornish 17-11		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.0405		ratio	1	09/16/25 19:52	BR	USDA HANDBOOK 60

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75068-1B	**Date Sampled:**	09/08/25
Matrix:	SO - Soil	**Date Received:**	09/08/25
		Percent Solids:	82.8
Project:	TASMCOA: Cornish 17-11		

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	09/11/25	09/16/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19625
(2) Prep QC Batch: MP42878

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

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Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA75068

Client / Reporting Information

Company: Tasman
Street: 4725 Independence St.
City, State ZIP: Wheat Ridge / CO / 80023
Project Contact: Bryce Goldade
Phone: 720-289-1727
Email: tas-chevron-4@tasman-geo.com; rbueut27@chevron.com
Sampler(s) Name(s): Matthew Bush

Project Information

Project Name: Cornish 17-11
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP: CO
Project #: 10750
Client Purchase Order: WWRWE-AS146-AES
Project Manager: Bryce Goldade

Billing Information (if different from Report to)

Company: PDC
Street Address:
City, State ZIP:
Attention: Mike Montoya

Requested Analysis (see TEST CODE sheet)

Field ID / Point of Collection	Collection: Date	Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	NaHSO3	Full ECMC 915-1 Suite	pH, EC, SAR, Boron	915-Metals (TR)	LAB USE ONLY
AS1610-611	9/8/25	1118	MB	SO	3	X										X			

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
D=dissolved metals
PD=Potentially dissolved
TR=Total recoverable

Turnaround Time (Business days)

- [X] 10 Business Days
- [ ] 5 Business Days
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY

Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.

Special Reporting Instructions
- [ ] Report in PPB
- [ ] Report in PPM
- [ ] Report MDLs

Data Deliverable Information

- [ ] Commercial "A" (Level 1, Results Only)
- [ ] Commercial "B" (Level 2, Results + QC Summary)
- [ ] COMMBN (Results/QC/Narrative)
- [ ] COMMBN+ [Results/QC/Narrative (+ chromatograms)]
- [ ] REDT2 (Results/QC Summary/partial raw data)
- [ ] FULT1
- [X] EDD Format Tasman

Comments / Special Instructions

**Metals: specify metal(s), method, and type (D, PD, TR)

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 MB Tasman	9/8/25 1548	1	2 9-8 16:00		2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact ☑ Not intact ☐ Absent ☐
Preserved where applicable ☑ Cooler Temp. °C (corrected): 4 Therm. ID: T080 On Ice ☑

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

FORM: EHSA-QAC-0027-03-FORM-Wheat Ridge - COC; RV 2/20/2025

DA75068: Chain of Custody
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SGS Sample Receipt Summary

Job Number: da75068 **Client:** TASMAN **Project:** CORNISH 17-11

Date / Time Received: 9/8/2025 4:00:00 PM **Delivery Method:** hd **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. Suffiient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☐		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information

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

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

Residual Chlorine Test Strip Lot

Comments

SM001
Rev. Date 05/04/17

Technician: JADENC Date: 9/8/2025 3:55:16 PM Reviewer: Date:

DA75068: 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: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4500-MB	5V94390.D	1	09/16/25	MB	n/a	n/a	V5V4500

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

DA75068-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	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	119%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

Blank Spike Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4500-BS	5V94388.D	1	09/16/25	MB	n/a	n/a	V5V4500

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

DA75068-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	47.6	95	70-130
100-41-4	Ethylbenzene	50	48.6	97	70-130
108-88-3	Toluene	50	46.4	93	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.7	99	70-130
108-67-8	1,3,5-Trimethylbenzene	50	49.3	99	70-130
	m,p-Xylene	100	95.1	95	70-130
95-47-6	o-Xylene	50	49.9	100	70-130
1330-20-7	Xylene (total)	150	145	97	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	112%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4500-BS	5V94389.D	1	09/16/25	MB	n/a	n/a	V5V4500

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

DA75068-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1950	98	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	110%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75066-11MS	5V94393.D	1	09/16/25	MB	n/a	n/a	V5V4500
DA75066-11MSD	5V94394.D	1	09/16/25	MB	n/a	n/a	V5V4500
DA75066-11	5V94391.D	1	09/16/25	MB	n/a	n/a	V5V4500

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

DA75068-1

CAS No.	Compound	DA75066-11 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		52.9	54.3	103	53	52.0	98	4	43-130/30
100-41-4	Ethylbenzene	< 2.1		52.9	55.4	105	53	53.6	101	3	15-145/30
108-88-3	Toluene	< 2.1		52.9	53.0	100	53	50.4	95	5	37-130/30
95-63-6	1,2,4-Trimethylbenzene	< 2.1		52.9	56.4	107	53	55.2	104	2	5-177/30
108-67-8	1,3,5-Trimethylbenzene	< 2.1		52.9	56.1	106	53	55.1	104	2	6-159/30
	m,p-Xylene	< 2.1		106	110	104	106	106	100	4	21-142/30
95-47-6	o-Xylene	< 2.1		52.9	56.3	107	53	54.6	103	3	25-140/30
1330-20-7	Xylene (total)	< 2.1		159	166	105	159	160	101	4	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75066-11	Limits
1868-53-7	Dibromofluoromethane	119%	119%	122%	70-130%
2037-26-5	Toluene-D8	100%	101%	101%	70-130%
460-00-4	4-Bromofluorobenzene	100%	102%	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	107%	104%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75066-11MS	5V94393.D	1	09/16/25	MB	n/a	n/a	V5V4500
DA75075-1MSD	5V94396.D	1	09/16/25	MB	n/a	n/a	V5V4500
DA75075-1	5V94392.D	1	09/16/25	MB	n/a	n/a	V5V4500

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

DA75068-1

CAS No.	Compound	DA75075-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 190					1990	1840	92	1	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75075-1	Limits
1868-53-7	Dibromofluoromethane	119%	116%	118%	70-130%
2037-26-5	Toluene-D8	100%	102%	102%	70-130%
460-00-4	4-Bromofluorobenzene	100%	106%	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	102%	102%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28523-MB	3G60015.D	1	09/13/25	ZL	09/10/25	OP28523	E3G2895

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA75068-1

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

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	56%	10-130%
4165-60-0	Nitrobenzene-d5	23%	10-130%
1718-51-0	Terphenyl-d14	94%	10-130%

Blank Spike Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28523-BS	3G60016.D	1	09/13/25	ZL	09/10/25	OP28523	E3G2895

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA75068-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	132	66	31-130
120-12-7	Anthracene	200	164	82	46-134
56-55-3	Benzo(a)anthracene	200	171	86	52-135
205-99-2	Benzo(b)fluoranthene	200	164	82	50-136
207-08-9	Benzo(k)fluoranthene	200	185	93	52-134
50-32-8	Benzo(a)pyrene	200	166	83	50-130
218-01-9	Chrysene	200	189	95	51-131
53-70-3	Dibenzo(a,h)anthracene	200	147	74	49-136
206-44-0	Fluoranthene	200	162	81	51-137
86-73-7	Fluorene	200	146	73	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	155	78	50-139
90-12-0	1-Methylnaphthalene	200	98.8	49	18-130
91-57-6	2-Methylnaphthalene	200	88.5	44	16-130
91-20-3	Naphthalene	200	62.5	31	5-130
129-00-0	Pyrene	200	181	91	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	57%	10-130%
4165-60-0	Nitrobenzene-d5	31%	10-130%
1718-51-0	Terphenyl-d14	79%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28523-MS	3G60017.D	1	09/13/25	ZL	09/10/25	OP28523	E3G2895
OP28523-MSD	3G60018.D	1	09/13/25	ZL	09/10/25	OP28523	E3G2895
DA75066-1	3G60019.D	1	09/13/25	ZL	09/10/25	OP28523	E3G2895

The QC reported here applies to the following samples: **Method:** SW846 8270E

DA75068-1

CAS No.	Compound	DA75066-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.2		217	124	57	213	123	58	1	12-130/52
120-12-7	Anthracene	< 4.2		217	158	73	213	159	75	1	31-130/60
56-55-3	Benzo(a)anthracene	< 5.2		217	165	76	213	164	77	1	34-130/60
205-99-2	Benzo(b)fluoranthene	< 4.2		217	148	68	213	146	69	1	10-168/60
207-08-9	Benzo(k)fluoranthene	< 4.2		217	183	84	213	171	80	7	30-130/60
50-32-8	Benzo(a)pyrene	< 4.2		217	156	72	213	156	73	0	10-179/60
218-01-9	Chrysene	< 4.2		217	188	87	213	184	86	2	34-130/60
53-70-3	Dibenzo(a,h)anthracene	< 4.2		217	150	69	213	137	64	9	20-138/60
206-44-0	Fluoranthene	< 4.2		217	156	72	213	151	71	3	32-130/60
86-73-7	Fluorene	< 4.2		217	135	62	213	134	63	1	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.2		217	148	68	213	143	67	3	17-148/60
90-12-0	1-Methylnaphthalene	< 4.2		217	107	49	213	109	51	2	10-130/41
91-57-6	2-Methylnaphthalene	< 4.2		217	103	47	213	96.3	45	7	14-130/40
91-20-3	Naphthalene	< 2.1		217	112	52	213	105	49	6	10-130/40
129-00-0	Pyrene	< 4.2		217	173	80	213	170	80	2	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA75066-1	Limits
321-60-8	2-Fluorobiphenyl	66%	71%	58%	10-130%
4165-60-0	Nitrobenzene-d5	59%	64%	52%	10-130%
1718-51-0	Terphenyl-d14	89%	87%	86%	10-130%

* = 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: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28517-MB	FP085901.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483

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

DA75068-1

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

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	105%	20-142%

Blank Spike Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28517-BS	FP085902.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483

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

DA75068-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	174	87	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	106%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28517-BS2	FP085903.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483

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

DA75068-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	192	96	70-138

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28517-MS1	FP085904.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483
OP28517-MSD1	FP085905.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483
DA75063-9	FP085908.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483

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

DA75068-1

CAS No.	Compound	DA75063-9 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.2		209	179	86	210	189	90	5	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75063-9	Limits
84-15-1	o-Terphenyl	101%	107%	104%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75068
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28517-MS2	FP085906.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483
OP28517-MSD2	FP085907.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483
DA75063-10	FP085909.D	1	09/13/25	JB	09/09/25	OP28517	GFP2483

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

DA75068-1

CAS No.	Compound	DA75063-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.3		208	222	107	207	210	101	6	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75063-10	Limits
84-15-1	o-Terphenyl	100%	108%	111%	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: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/11/25

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	12.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP42878: DA75068-1B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/11/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			09/11/25					09/11/25	
Metal	DA75073-17B Original	DUP	RPD	QC Limits	DA75073-17B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	550	507	8.1	0-20	550	10600	10000	100.5	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 MP42878: DA75068-1B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/11/25 09/11/25

Metal	DA75073-17B Original DUP	RPD	QC Limits	DA75073-17B Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/11/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9600	10000	96.0	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 MP42878: DA75068-1B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/11/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/11/25

Metal	DA75073-17B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	110	88.4	19.6*(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 MP42878: DA75068-1B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42878 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/11/25

	DA75073-17B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42879 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/12/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.027	<0.10
Barium	1.0	.048	.12	0.052	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.0024	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.38	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.034	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	0.020	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.015	<0.20
Silver	0.050	.0041	.015	-0.00062	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	0.83	<5.0

Associated samples MP42879: DA75068-1

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42879
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/12/25

Metal	DA75073-17 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.0	98.0	105	91.8	75-125
Barium	24.7	224	209	95.2	75-125
Beryllium					
Boron					
Cadmium	0.085	52.9	52.3	101.0	75-125
Calcium					
Chromium					
Cobalt					
Copper	2.8	52.4	52.3	94.8	75-125
Iron					
Lead	3.9	107	105	98.5	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	3.0	52.1	52.3	93.9	75-125
Phosphorus					
Potassium					
Selenium	0.13	95.4	105	91.1	75-125
Silver	0.010	21.3	20.9	101.7	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	11.8	60.5	52.3	93.1	75-125

Associated samples MP42879: DA75068-1

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42879 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/12/25

Metal	DA75073-17 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.0	97.1	106	90.0	0.9	20
Barium	24.7	228	211	96.2	1.8	20
Beryllium						
Boron						
Cadmium	0.085	52.7	52.8	99.6	0.4	20
Calcium						
Chromium						
Cobalt						
Copper	2.8	51.7	52.8	92.6	1.3	20
Iron						
Lead	3.9	107	106	97.6	0.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel	3.0	51.4	52.8	91.6	1.4	20
Phosphorus						
Potassium						
Selenium	0.13	95.2	106	90.0	0.2	20
Silver	0.010	21.2	21.1	100.3	0.5	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	11.8	60.8	52.8	92.8	0.5	20

Associated samples MP42879: DA75068-1

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42879
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/12/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	97.8	100	97.8	80-120
Barium	192	200	96.0	80-120
Beryllium				
Boron				
Cadmium	50.0	50	100.0	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.6	50	101.2	80-120
Iron				
Lead	98.0	100	98.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.4	50	100.8	80-120
Phosphorus				
Potassium				
Selenium	99.0	100	99.0	80-120
Silver	20.1	20	100.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.0	50	98.0	80-120

Associated samples MP42879: DA75068-1

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42879
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 09/12/25

Metal	DA75073-17 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	19.7	21.3	7.9	0-20
Barium	238	240	0.5	0-20
Beryllium				
Boron				
Cadmium	0.818	0.815	0.4	0-20
Calcium				
Chromium				
Cobalt				
Copper	27.2	28.2	3.5	0-20
Iron				
Lead	37.6	36.8	2.2	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	28.5	29.8	4.6	0-20
Phosphorus				
Potassium				
Selenium	1.24	1.63	31.4 (a)	0-20
Silver	0.101	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	114	119	4.6	0-20

Associated samples MP42879: DA75068-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/12/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	30	230		
Antimony	450	90	100		
Arsenic	380	34	69		
Barium	150	2.9	20		
Beryllium	150	1.5	20		
Boron	750	19	95		
Cadmium	150	3.2	20		
Calcium	6000	84	750	-140	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	22.5	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	-1000	<6000
Strontium	75	1.5	9.5		
Thallium	150	91	65		
Tin	900	51	770		
Titanium	150	6.5	20		
Uranium	750	170	130		
Vanadium	150	15	20		
Zinc	450	10	57		

Associated samples MP42897: DA75068-1A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

Metal	DA75064-8A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	124000	518000	375000	105.1	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	24100	341000	375000	84.5	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	89800	496000	375000	108.3	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP42897: DA75068-1A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

Metal	DA75064-8A Original MS	Spikelot ICPALL6	% Rec	QC Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

Metal	DA75064-8A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	124000	518000	375000	105.1	0.0	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	24100	342000	375000	84.8	0.3	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	89800	490000	375000	106.7	1.2	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP42897: DA75068-1A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

Metal	DA75064-8A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	400000	375000	106.7	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	323000	375000	86.1	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	413000	375000	110.1	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42897: DA75068-1A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/12/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/12/25

Metal	DA75064-8A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	8280	8370	1.0	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1610	1620	1.0	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	5990	5800	3.2	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42897: DA75068-1A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

QC Batch ID: MP42897 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/12/25

	DA75064-8A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39490/GN69177			mmhos/cm	1.409	1.4	97.0	90-110%

Associated Samples:
Batch GP39490: DA75068-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75068
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Cornish 17-11

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39490/GN69177	DA75073-7	mmhos/cm	3.2	3.2	1.2	0-20%
pH	GN69176	DA75066-1	su	7.09	7.03	0.8	0-5%

Associated Samples:
Batch GN69176: DA75068-1
Batch GP39490: DA75068-1
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

SO

CHAIN OF CUSTODY

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

FED EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA75068

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Cornish 17-11
Street:
City State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

Matrix Codes

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	AST01@0-6"		9/8/25	11:18:00 AM	MB	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 9/17/2025

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

Data Deliverable Information

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

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

Comments / Special Instructions

Initial Assessment YB 9/10
Label Verification

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	9-9-25	1 FX	2 TG	9/10/25 (10:3	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact	Preserved where applicable
5		5			On Ice Cooler Temp.

10.1 10

DA75068: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA75068 **Client:** **Project:**

Date / Time Received: 9/10/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.0);

Cooler Temps (Corrected) °C: Cooler 1: (1.1);

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

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

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

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

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

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

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

Comments

SM089-03
Rev. Date 12/7/17

10.1 10

DA75068: Chain of Custody
Page 2 of 2

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: DA75068
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Cornish 17-11

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64177/GN73901	0.40	0.0	mg/kg	40	40.1	100.3	80-120%
Chromium, Hexavalent	GP64177/GN73901			mg/kg	894	914	102.2	80-120%

Associated Samples:
Batch GP64177: DA75068-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75068
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Cornish 17-11

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64177/GN73901	DA75066-9	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP64177: DA75068-1
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75068
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Cornish 17-11

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64177/GN73901	DA75066-9	mg/kg	0.0	49.3	49.9	101.3(a)	75-125%
Chromium, Hexavalent	GP64177/GN73901	DA75066-9	mg/kg	0.0	1480	1460	98.3(b)	75-125%

Associated Samples:
Batch GP64177: DA75068-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (102%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.