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

e-Hardcopy 2.0
Automated Report

Technical Report for

Chevron USA, Inc.

CDH: Champlin 67 Amoco F Unit 1

PDC-DAN PETERSON/PO#UWRWE-A5388-ABN

SGS Job Number: DA76402

Sampling Date: 10/17/25

Report to:

Chevron USA, Inc.
2115 117th Avenue
Greeley, CO 80634
Parna.EskandariPayandeh@sgs.com; nam.ehs.table915@sgs.com

ATTN: David Stainback

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)

Sections: 1 2 3 4 5 6 7 8 9 10 11

Table of Contents

Sample Summary

Chevron USA, Inc.

Job No: DA76402

CDH: Champlin 67 Amoco F Unit 1
Project No: PDC-DAN PETERSON/PO#UWRWE-A5388-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76402-1	10/17/25	09:43	SHG	10/17/25	SO	Soil	WH01@4
DA76402-1A	10/17/25	09:43	SHG	10/17/25	SO	Soil	WH01@4
DA76402-1B	10/17/25	09:43	SHG	10/17/25	SO	Soil	WH01@4

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

Summary of Hits

Job Number: DA76402
Account: Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1
Collected: 10/17/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76402-1	**WH01@4**					
TPH-DRO (C10-C28)		52.9	4.6		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		121	6.9		mg/kg	SW846-8015C
Arsenic		5.1	0.22		mg/kg	SW846 6020B
Barium		224	2.2		mg/kg	SW846 6020B
Cadmium		0.24	0.11		mg/kg	SW846 6020B
Copper		13.6	2.2		mg/kg	SW846 6020B
Lead		12.3	0.54		mg/kg	SW846 6020B
Nickel		13.8	2.2		mg/kg	SW846 6020B
Zinc		46.7	11		mg/kg	SW846 6020B
pH		7.83			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76402-1A	**WH01@4**					
Calcium		62.0	6.0		mg/l	SW846 6010C
Magnesium		38.7	3.0		mg/l	SW846 6010C
Sodium		356	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		8.74			ratio	USDA HANDBOOK 60
DA76402-1B	**WH01@4**					

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:	WH01@4		
Lab Sample ID:	DA76402-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8260D	**Percent Solids:**	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40566.D	1	10/28/25 10:54	MB	n/a	n/a	V4V1986
Run #2							

	Initial Weight	Final Volume
Run #1	5.11 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	< 0.0024	0.0024	mg/kg	
108-88-3	Toluene	< 0.0024	0.0024	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0024	0.0024	mg/kg	
	m,p-Xylene	< 0.0024	0.0024	mg/kg	
95-47-6	o-Xylene	< 0.0024	0.0024	mg/kg	
1330-20-7	Xylene (total)	< 0.0024	0.0024	mg/kg	
	TPH-GRO (C6-C10)	< 0.24	0.24	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		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	100%		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:	WH01@4		
Lab Sample ID:	DA76402-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G22380.D	1	10/23/25 13:18	TH	10/22/25 14:00	OP29001	E6G839
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	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0058	0.0058	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	87%		22-138%
4165-60-0	Nitrobenzene-d5	89%		32-143%
1718-51-0	Terphenyl-d14	83%		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:	WH01@4		
Lab Sample ID:	DA76402-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP088267.D	1	10/23/25 23:20	JB	10/20/25 10:30	OP28979	GFP2517
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	52.9	4.6	mg/kg	
	TPH-ORO (> C28-C36)	121	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		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:	WH01@4		
Lab Sample ID:	DA76402-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.1	0.22	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	224	2.2	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.24	0.11	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.6	2.2	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	12.3	0.54	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.8	2.2	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.11	0.11	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	46.7	11	mg/kg	10	10/18/25	10/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19770
(2) Prep QC Batch: MP43747

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01@4		
Lab Sample ID:	DA76402-1	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	81.8		%	1	10/17/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH	7.83		su	1	10/20/25 16:08	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.4	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	11/19/25 14:05	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01@4		
Lab Sample ID:	DA76402-1A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	62.0	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	38.7	3.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	356	6.0	mg/l	1	10/20/25	10/23/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19761
(2) Prep QC Batch: MP43758

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01@4		
Lab Sample ID:	DA76402-1A	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	8.74		ratio	1	10/23/25 17:51	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:	WH01@4		
Lab Sample ID:	DA76402-1B	**Date Sampled:**	10/17/25
Matrix:	SO - Soil	**Date Received:**	10/17/25
		Percent Solids:	81.8
Project:	CDH: Champlin 67 Amoco F Unit 1		

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	10/21/25	10/29/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19790
(2) Prep QC Batch: MP43770

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS

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

Page 1 of 1

Bottle Order Control # | FED-EX Tracking #
SGS Quote # | SGS Job # DA76402

Client / Reporting Information	Project Information	
Company: CDH Consulting	Project Name: Champlin 67 Amoco F Unit 1	
Street	Street	Billing Information (if different from Report to)
City State Zip	City State ZIP	Company: PDC-Dan Peterson
Project Contact	Project #	Street Address
Phone	Client Purchase Order #: UWRWE-A5388-ABN	City, State ZIP
Email: CDH Team 1		
Sampler's Name: Simon Hertzler	Project Manager: David Stainback	Attention

Requested Analysis (see TEST CODE sheet): Full Table 915-1

	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MEOH	ENCORE	NaHSO4	Na2S2O3	Full Table 915-1	LAB USE ONLY
1	WH0104	10/17/25	0943	SHG	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; TB - Trip Blank

Turnaround Time (Business days)

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

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

Special Reporting Instructions

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

Data Deliverable Information

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

Comments / Special Instructions

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 Simon Hertzler	10/17/25 1545	1 [signature] 10/17/25 15:45	2		2
Relinquished by Sampler 3	Date/Time	Received By 3	Relinquished By 4	Date/Time	Received By 4

Custody Seal # Intact [ ] Not intact [ ] Absent [ ] | Preserved where applicable [ ] | Cooler Temp. °C: 4.0 | Therm. ID: 1420 | On Ice: N

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

EHS WHEAT RIDGE FORM Wheat Ridge - DW COC Rev Date 4/10/18

DA76402: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: da76402 **Client:** CDH **Project:** CHAMPLIN 67 AMOCO F UNIT 1

Date / Time Received: 10/17/2025 3:45:00 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 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 #s: 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: JEREMYD Date: 10/17/2025 5:01:39 PM Reviewer: Date:

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: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1986-MB	4V40545.D	1	10/28/25	MB	n/a	n/a	V4V1986

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

DA76402-1

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	108%	70-130%
2037-26-5	Toluene-D8	92%	70-130%
460-00-4	4-Bromofluorobenzene	84%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

Blank Spike Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1986-BS	4V40543.D	1	10/28/25	MB	n/a	n/a	V4V1986

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

DA76402-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	51.3	103	70-130
100-41-4	Ethylbenzene	50	49.8	100	70-130
108-88-3	Toluene	50	47.5	95	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.2	98	70-134
108-67-8	1,3,5-Trimethylbenzene	50	49.9	100	70-134
	m,p-Xylene	100	99.0	99	70-130
95-47-6	o-Xylene	50	53.7	107	70-136
1330-20-7	Xylene (total)	150	153	102	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	109%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	108%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1986-BS	4V40544.D	1	10/28/25	MB	n/a	n/a	V4V1986

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

DA76402-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1990	100	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	87%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76423-3MS	4V40548.D	1	10/28/25	MB	n/a	n/a	V4V1986
DA76423-3MSD	4V40549.D	1	10/28/25	MB	n/a	n/a	V4V1986
DA76423-3	4V40546.D	1	10/28/25	MB	n/a	n/a	V4V1986

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

DA76402-1

CAS No.	Compound	DA76423-3 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		57.7	47.7	83	55.5	48.7	88	2	44-150/44
100-41-4	Ethylbenzene	< 2.2		57.7	42.3	73	55.5	46.9	84	10	41-149/49
108-88-3	Toluene	< 2.2		57.7	41.3	72	55.5	45.5	82	10	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2		57.7	36.1	63	55.5	40.9	74	12	26-164/57
108-67-8	1,3,5-Trimethylbenzene	2.6		57.7	44.7	73	55.5	56.8	98	24	30-161/60
	m,p-Xylene	< 2.2		115	80.7	70	111	85.8	77	6	36-152/49
95-47-6	o-Xylene	< 2.2		57.7	48.2	84	55.5	52.2	94	8	33-168/49
1330-20-7	Xylene (total)	< 2.2		173	129	75	167	138	83	7	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76423-3	Limits
1868-53-7	Dibromofluoromethane	116%	107%	110%	70-130%
2037-26-5	Toluene-D8	94%	98%	95%	70-130%
460-00-4	4-Bromofluorobenzene	95%	108%	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	111%	104%	105%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76429-4MS	4V40550.D	1	10/28/25	MB	n/a	n/a	V4V1986
DA76429-4MSD	4V40551.D	1	10/28/25	MB	n/a	n/a	V4V1986
DA76429-4	4V40547.D	1	10/28/25	MB	n/a	n/a	V4V1986

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

DA76402-1

CAS No.	Compound	DA76429-4 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)	< 210		2190	1780	81	2160	1820	84	2	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76429-4	Limits
1868-53-7	Dibromofluoromethane	109%	105%	106%	70-130%
2037-26-5	Toluene-D8	93%	97%	93%	70-130%
460-00-4	4-Bromofluorobenzene	88%	92%	89%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	96%	95%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29001-MB	6G22360.D	1	10/23/25	TH	10/22/25	OP29001	E6G839

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

DA76402-1

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	86%	22-138%
4165-60-0	Nitrobenzene-d5	82%	32-143%
1718-51-0	Terphenyl-d14	93%	48-149%

Blank Spike Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29001-BS	6G22361.D	1	10/23/25	TH	10/22/25	OP29001	E6G839

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

DA76402-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	192	96	46-152
120-12-7	Anthracene	200	207	104	65-147
56-55-3	Benzo(a)anthracene	200	201	101	64-144
205-99-2	Benzo(b)fluoranthene	200	222	111	70-154
207-08-9	Benzo(k)fluoranthene	200	226	113	70-158
50-32-8	Benzo(a)pyrene	200	220	110	64-159
218-01-9	Chrysene	200	217	109	70-156
53-70-3	Dibenzo(a,h)anthracene	200	200	100	63-156
206-44-0	Fluoranthene	200	222	111	62-155
86-73-7	Fluorene	200	204	102	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	210	105	67-156
90-12-0	1-Methylnaphthalene	200	205	103	21-168
91-57-6	2-Methylnaphthalene	200	201	101	18-161
91-20-3	Naphthalene	200	181	91	2-173
129-00-0	Pyrene	200	228	114	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	104%	22-138%
4165-60-0	Nitrobenzene-d5	100%	32-143%
1718-51-0	Terphenyl-d14	106%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29001-MS	6G22362.D	1	10/23/25	TH	10/22/25	OP29001	E6G839
OP29001-MSD	6G22363.D	1	10/23/25	TH	10/22/25	OP29001	E6G839
DA76399-8	6G22364.D	1	10/23/25	TH	10/22/25	OP29001	E6G839

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

DA76402-1

CAS No.	Compound	DA76399-8 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	< 4.1		212	207	98	212	163	77	24	30-148/32
120-12-7	Anthracene	< 4.1		212	227	107	212	190	90	18	40-148/33
56-55-3	Benzo(a)anthracene	< 5.1		212	211	100	212	175	83	19	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.1		212	217	102	212	176	83	21	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.1		212	226	107	212	186	88	19	43-165/41
50-32-8	Benzo(a)pyrene	< 4.1		212	220	104	212	181	85	19	41-161/37
218-01-9	Chrysene	< 4.1		212	227	107	212	188	89	19	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.1		212	200	94	212	165	78	19	42-155/36
206-44-0	Fluoranthene	< 4.1		212	237	112	212	197	93	18	40-151/34
86-73-7	Fluorene	< 4.1		212	221	104	212	185	87	18	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.1		212	206	97	212	166	78	22	41-156/37
90-12-0	1-Methylnaphthalene	< 4.1		212	228	108	212	175	83	26	23-149/36
91-57-6	2-Methylnaphthalene	< 4.1		212	215	102	212	168	79	25	18-144/35
91-20-3	Naphthalene	< 2.0		212	201	95	212	158	75	24	18-150/32
129-00-0	Pyrene	< 4.1		212	240	113	212	202	95	17	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA76399-8	Limits
321-60-8	2-Fluorobiphenyl	126%	89%	105%	22-138%
4165-60-0	Nitrobenzene-d5	123%	87%	103%	32-143%
1718-51-0	Terphenyl-d14	127%	88%	109%	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: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28979-MB	FP088250.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517

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

DA76402-1

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	81%	20-142%

Blank Spike Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28979-BS1	FP088251.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517

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

DA76402-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	167	84	70-130

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28979-BS2	FP088252.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517

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

DA76402-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	206	103	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	83%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28979-MS1	FP088253.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517
OP28979-MSD1	FP088254.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517
DA76399-16	FP088257.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517

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

DA76402-1

CAS No.	Compound	DA76399-16 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		207	168	81	209	181	87	7	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76399-16	Limits
84-15-1	o-Terphenyl	85%	82%	84%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76402
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28979-MS2	FP088255.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517
OP28979-MSD2	FP088256.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517
DA76399-17	FP088258.D	1	10/23/25	JB	10/20/25	OP28979	GFP2517

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

DA76402-1

CAS No.	Compound	DA76399-17 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)	15.1		207	222	100	207	231	104	4	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76399-17	Limits
84-15-1	o-Terphenyl	77%	77%	85%	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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43747
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/18/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.047	<0.20
Barium	2.0	.096	.24	0.23	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.020	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.094	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.037	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.035	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.013	<0.20
Silver	0.10	.0081	.03	0.0034	<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	0.32	<10

Associated samples MP43747: DA76402-1

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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43747
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/18/25

Metal	DA76404-3 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	1.6	96.3	98.1	96.5	75-125
Barium	37.2	238	196	102.4	75-125
Beryllium					
Boron					
Cadmium	0.055	50.3	49	102.5	75-125
Calcium					
Chromium					
Cobalt					
Copper	3.6	52.5	49	99.7	75-125
Iron					
Lead	4.5	105	98.1	102.5	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	4.6	53.5	49	99.7	75-125
Phosphorus					
Potassium					
Selenium	0.096	96.0	98.1	97.8	75-125
Silver	0.024	20.2	19.6	102.8	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	15.9	65.6	49	101.3	75-125

Associated samples MP43747: DA76402-1

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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43747
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/18/25

Metal	DA76404-3 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	1.6	102	102	98.6	5.7	20
Barium	37.2	248	204	103.5	4.1	20
Beryllium						
Boron						
Cadmium	0.055	52.9	50.9	103.8	5.0	20
Calcium						
Chromium						
Cobalt						
Copper	3.6	55.2	50.9	101.3	5.0	20
Iron						
Lead	4.5	109	102	102.6	3.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel	4.6	56.0	50.9	100.9	4.6	20
Phosphorus						
Potassium						
Selenium	0.096	102	102	100.0	6.1	20
Silver	0.024	21.2	20.4	103.9	4.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	15.9	67.4	50.9	101.1	2.7	20

Associated samples MP43747: DA76402-1

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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43747
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 10/18/25

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	50.9	50	101.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.0	50	100.0	80-120
Iron				
Lead	100	100	100.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.3	50	100.6	80-120
Phosphorus				
Potassium				
Selenium	101	100	101.0	80-120
Silver	20.1	20	100.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.0	50	98.0	80-120

Associated samples MP43747: DA76402-1

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43747
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 10/18/25

Metal	DA76404-3 Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	15.2	14.9	2.0	0-20
Barium	365	369	1.3	0-20
Beryllium				
Boron				
Cadmium	0.544	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	35.5	34.4	3.0	0-20
Iron				
Lead	44.5	43.7	1.8	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	44.7	44.7	0.1	0-20
Phosphorus				
Potassium				
Selenium	0.938	0.00	100.0(a)	0-20
Silver	0.235	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	156	151	2.8	0-20

Associated samples MP43747: DA76402-1

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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

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	9.0	<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	6.0	<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	429	<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 MP43758: DA76402-1A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	62000	418000	375000	94.9	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	38700	406000	375000	97.9	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	356000	693000	375000	89.9	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43758: DA76402-1A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A 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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	62000	411000	375000	93.1	1.7	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	38700	398000	375000	95.8	2.0	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	356000	689000	375000	88.8	0.6	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43758: DA76402-1A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A 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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	351000	375000	93.6	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	358000	375000	95.5	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	351000	375000	93.6	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43758: DA76402-1A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/20/25

Metal	DA76402-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4130	4270	3.3	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	2580	2670	3.2	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	23700	24700	4.1	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43758: DA76402-1A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43758 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/20/25

	DA76402-1A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/21/25

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	-2.5	<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 MP43770: DA76402-1B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/21/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			10/21/25					10/21/25	
Metal	DA76404-3B Original	DUP	RPD	QC Limits	DA76404-3B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	86.5	88.5	2.3	0-20	86.5	9690	10000	96.0	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 MP43770: DA76402-1B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/21/25 10/21/25

Metal	DA76404-3B Original DUP	RPD	QC Limits	DA76404-3B 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: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/21/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8750	10000	87.5	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 MP43770: DA76402-1B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/21/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/21/25

Metal	DA76404-3B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	17.3	34.7	100.6(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 MP43770: DA76402-1B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43770 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/21/25

	DA76404-3B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

General Chemistry

QC Data Summaries

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39771/GN69993			mmhos/cm	1.409	1.3	93.5	90-110%

Associated Samples:
Batch GP39771: DA76402-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76402
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39771/GN69993	DA76401-4	mmhos/cm	0.20	0.19	6.8	0-20%
pH	GN69983	DA76401-4	su	6.99	6.94	0.7	0-5%

Associated Samples:
Batch GN69983: DA76402-1
Batch GP39771: DA76402-1
(*) 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

Page 1 of 1

FED-EX Tracking #: 7444-9079-1284
Bottle Order Control #:
SGS Quote #:
SGS Job #: DA76402

Client / Reporting Information

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

Project Information

Project Name: CDH: Champlin 67 Amoco F Unit 1
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)
Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	WH01@4		10/17/25	9:43:00 AM	SHG	SO										X	

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

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other Due 10/31/2025

Emergency & Rush T/A data available via Lablink 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: AJ-CB
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: 1 [signature]	Date Time: 10-20-25	Received By: 1 Fedex	Relinquished By: 2 Fedex	Date Time: 10/21 9:40	Received By: 2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐ Therm. ID:	On Ice ☒ Cooler Temp. 2.6

10.1
10

DA76402: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA76402 **Client:** SGS NORTH AMERICA INC. **Project:** CDH: CHAMPLIN 67 AMOCO F UNIT 1

Date / Time Received: 10/21/2025 9:40:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 744490791284

Cooler Temps (Raw Measured) °C: Cooler 1: (2.6);

Cooler Temps (Corrected) °C: Cooler 1: (2.7);

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

DA76402: 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: DA76402
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP65562/GN76262	0.40	0.0	mg/kg	40	38.9	97.3	80-120%
Chromium, Hexavalent	GP65562/GN76262			mg/kg	734	746	101.7	80-120%

Associated Samples:
Batch GP65562: DA76402-1
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76402
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP65562/GN76262	DA76401-3	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP65562: DA76402-1
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76402
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP65562/GN76262	DA76401-3	mg/kg	0.0	43.7	38.3	87.7(a)	75-125%
Chromium, Hexavalent	GP65562/GN76262	DA76401-3	mg/kg	0.0	1070	1130	105.4(b)	75-125%

Associated Samples:
Batch GP65562: DA76402-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (103.8%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.