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Automated Report

Technical Report for

Chevron USA, Inc.

CDH: Champlin 67 Amoco F Unit 1

PDC/PO#UWRWE-A5388-ABN

SGS Job Number: DA76486

Sampling Date: 10/20/25

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Total number of pages in report: 98



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

Eric Hoffman

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Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Sample Summary

Chevron USA, Inc.

Job No: DA76486

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

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA76486-1	10/20/25	15:10 JW	10/21/25	SO	Soil	BKG01@3.5'
DA76486-1A	10/20/25	15:10 JW	10/21/25	SO	Soil	BKG01@3.5'
DA76486-1B	10/20/25	15:10 JW	10/21/25	SO	Soil	BKG01@3.5'
DA76486-1C	10/20/25	15:10 JW	10/21/25	SO	Soil	BKG01@3.5'
DA76486-2	10/20/25	15:25 JW	10/21/25	SO	Soil	BKG02@3.5'
DA76486-2A	10/20/25	15:25 JW	10/21/25	SO	Soil	BKG02@3.5'
DA76486-2B	10/20/25	15:25 JW	10/21/25	SO	Soil	BKG02@3.5'
DA76486-2C	10/20/25	15:25 JW	10/21/25	SO	Soil	BKG02@3.5'
DA76486-3	10/20/25	15:35 JW	10/21/25	SO	Soil	BKG03@3.5'
DA76486-3A	10/20/25	15:35 JW	10/21/25	SO	Soil	BKG03@3.5'
DA76486-3B	10/20/25	15:35 JW	10/21/25	SO	Soil	BKG03@3.5'
DA76486-3C	10/20/25	15:35 JW	10/21/25	SO	Soil	BKG03@3.5'

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

Summary of Hits

Job Number: DA76486
Account: Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1
Collected: 10/20/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76486-1	BKG01@3.5'					
TPH-DRO (C10-C28) ^a		11.4	4.6		mg/kg	SW846 8015C
DA76486-1A	BKG01@3.5'					
Calcium ^a		251000	500		ug/l	SW846 6010C
Magnesium ^a		27500	500		ug/l	SW846 6010C
Sodium ^a		160000	2500		ug/l	SW846 6010C
Sodium Adsorption Ratio ^b		2.56			ratio	USDA HANDBOOK 60
DA76486-1B	BKG01@3.5'					
Boron		0.667	0.50		mg/l	SW846 6010C
DA76486-1C	BKG01@3.5'					
Arsenic ^c		5.5	0.23		mg/kg	SW846 6020A
Barium ^c		277	0.23		mg/kg	SW846 6020A
Copper ^c		12.7	0.23		mg/kg	SW846 6020A
Lead ^c		12.0	0.23		mg/kg	SW846 6020A
Nickel ^c		14.9	0.23		mg/kg	SW846 6020A
Zinc ^c		50.6	2.3		mg/kg	SW846 6020A
pH ^a		8.63			su	WREP-125,4E-SATPASTE
Specific Conductivity ^a		0.89	0.010		mmhos/cm	SM 2510B-2011 MOD
DA76486-2	BKG02@3.5'					
No hits reported in this sample.						
DA76486-2A	BKG02@3.5'					
Calcium ^a		100000	500		ug/l	SW846 6010C
Magnesium ^a		25200	500		ug/l	SW846 6010C
Sodium ^a		16500	2500		ug/l	SW846 6010C
Sodium Adsorption Ratio ^b		0.382			ratio	USDA HANDBOOK 60
DA76486-2B	BKG02@3.5'					
No hits reported in this sample.						
DA76486-2C	BKG02@3.5'					
Arsenic ^c		5.1	0.23		mg/kg	SW846 6020A
Barium ^c		235	0.23		mg/kg	SW846 6020A

Summary of Hits

Job Number: DA76486
Account: Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1
Collected: 10/20/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
		Copper ^c	11.6	0.23	mg/kg	SW846 6020A
		Lead ^c	10.6	0.23	mg/kg	SW846 6020A
		Nickel ^c	13.0	0.23	mg/kg	SW846 6020A
		Zinc ^c	46.2	2.3	mg/kg	SW846 6020A
		pH ^a	7.16		su	WREP-125,4E-SATPASTE
		Specific Conductivity ^a	0.40	0.010	mmhos/cm	SM 2510B-2011 MOD

DA76486-3 BKG03@3.5'

No hits reported in this sample.

DA76486-3A BKG03@3.5'

		Calcium ^a	63500	500	ug/l	SW846 6010C
		Magnesium ^a	24700	500	ug/l	SW846 6010C
		Sodium ^a	7750	2500	ug/l	SW846 6010C
		Sodium Adsorption Ratio ^b	0.209		ratio	USDA HANDBOOK 60

DA76486-3B BKG03@3.5'

No hits reported in this sample.

DA76486-3C BKG03@3.5'

		Arsenic ^c	5.4	0.24	mg/kg	SW846 6020A
		Barium ^c	263	0.24	mg/kg	SW846 6020A
		Cadmium ^c	0.24	0.24	mg/kg	SW846 6020A
		Copper ^c	12.4	0.24	mg/kg	SW846 6020A
		Lead ^c	11.6	0.24	mg/kg	SW846 6020A
		Nickel ^c	13.8	0.24	mg/kg	SW846 6020A
		Zinc ^c	50.7	2.4	mg/kg	SW846 6020A
		pH ^a	7.61		su	WREP-125,4E-SATPASTE
		Specific Conductivity ^a	0.51	0.010	mmhos/cm	SM 2510B-2011 MOD

(a) Analysis performed at SGS Scott, LA.

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

(c) Sample was analyzed at a dilution due to matrix interferences. Reporting limits are below the ECMC required limits. Analysis performed at SGS Scott, LA.

Sample Results

Report of Analysis

Report of Analysis

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Client Sample ID: BKG01@3.5'	
Lab Sample ID: DA76486-1	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8260D	Percent Solids: 87.3
Project: CDH: Champlin 67 Amoco F Unit 1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1Y015111.D	1	10/24/25 02:46	ALA	n/a	n/a	L:V1Y678
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00052	0.00052	mg/kg	
100-41-4	Ethylbenzene	< 0.0010	0.0010	mg/kg	
108-88-3	Toluene	< 0.0052	0.0052	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0052	0.0052	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0052	0.0052	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0010	0.0010	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	91%		59-143%
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	106%		38-183%

(a) Analysis performed at SGS Scott, LA.

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

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Client Sample ID: BKG01@3.5'	
Lab Sample ID: DA76486-1	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8270E SW846 3570	Percent Solids: 87.3
Project: CDH: Champlin 67 Amoco F Unit 1	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0083123.D	1	11/03/25 16:46	ALA	10/30/25 12:00	L:OP28962	L:EC3227
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0023	0.0023	mg/kg	
120-12-7	Anthracene	< 0.0023	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0023	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0023	0.0023	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0023	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0023	0.0023	mg/kg	
218-01-9	Chrysene	< 0.0023	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0023	0.0023	mg/kg	
206-44-0	Fluoranthene	< 0.0023	0.0023	mg/kg	
86-73-7	Fluorene	< 0.0023	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0023	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0023	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0023	0.0023	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0023	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		50-150%
321-60-8	2-Fluorobiphenyl	76%		50-150%
1718-51-0	Terphenyl-d14	96%		50-150%

(a) Analysis performed at SGS Scott, LA.

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: BKG01@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-1	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 87.3
Method: SW846 8015C SW846 3570	
Project: CDH: Champlin 67 Amoco F Unit 1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	KF002027.D	1	11/01/25 07:54	ALA	10/30/25 10:00	L:OP28966	L:GKF43
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	11.4	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.9	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	98%		31-127%

(a) Analysis performed at SGS Scott, LA.

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: BKG01@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-1A	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 87.3
Project: CDH: Champlin 67 Amoco F Unit 1	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium ^a	251000	500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium ^a	27500	500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium ^a	160000	2500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: L:MA31012

(2) Prep QC Batch: L:MP31954

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-1A	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 87.3
Project: CDH: Champlin 67 Amoco F Unit 1	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	2.56		ratio	1	10/28/25 12:06	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-1B	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 87.3
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	0.667	0.50	mg/l	1	10/22/25	11/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19807

(2) Prep QC Batch: MP43825

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3.5'		Date Sampled: 10/20/25
Lab Sample ID: DA76486-1C		Date Received: 10/21/25
Matrix: SO - Soil		Percent Solids: 87.3
Project: CDH: Champlin 67 Amoco F Unit 1		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	5.5	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Barium ^a	277	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Cadmium ^a	< 0.23	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Copper ^a	12.7	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Lead ^a	12.0	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Nickel ^a	14.9	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Selenium ^b	< 0.57	0.57	mg/kg	50	10/24/25	10/28/25	ALA SW846 6020A ²	SW846 3050B ³
Silver ^a	< 0.23	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Zinc ^a	50.6	2.3	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³

- (1) Instrument QC Batch: L:MA31002
- (2) Instrument QC Batch: L:MA31011
- (3) Prep QC Batch: L:MP31935

- (a) Sample was analyzed at a dilution due to matrix interferences. Reporting limits are below the ECMC required limits. Analysis performed at SGS Scott, LA.
- (b) Elevated reporting limit due to dilution required for internal standard failure. Internal standard failed at a lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG01@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-1C	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 87.3
Project: CDH: Champlin 67 Amoco F Unit 1	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method pH ^a	8.63		su	1	10/28/25 11:38	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9 Specific Conductivity ^a	0.89	0.010	mmhos/cm	1	10/29/25 09:40	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.44	0.44	mg/kg	1	11/20/25 14:13	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

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3

Client Sample ID: BKG02@3.5'	
Lab Sample ID: DA76486-2	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8260D	Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1Y015112.D	1	10/24/25 03:10	ALA	n/a	n/a	L:V1Y678
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		59-143%
2037-26-5	Toluene-D8	104%		52-159%
460-00-4	4-Bromofluorobenzene	108%		38-183%

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

3.5
3

Client Sample ID: BKG02@3.5'	
Lab Sample ID: DA76486-2	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8270E SW846 3570	Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0083057.D	1	10/31/25 09:18	ALA	10/30/25 12:00	L:OP28962	L:EC3224
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		50-150%
321-60-8	2-Fluorobiphenyl	93%		50-150%
1718-51-0	Terphenyl-d14	111%		50-150%

(a) Analysis performed at SGS Scott, LA.

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: BKG02@3.5'	
Lab Sample ID: DA76486-2	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8015C SW846 3570	Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	KF002028.D	1	11/01/25 08:11	ALA	10/30/25 10:00	L:OP28966	L:GKF43
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.1	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	101%		31-127%

(a) Analysis performed at SGS Scott, LA.

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: BKG02@3.5'		Date Sampled: 10/20/25
Lab Sample ID: DA76486-2A		Date Received: 10/21/25
Matrix: SO - Soil		Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium ^a	100000	500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium ^a	25200	500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium ^a	16500	2500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: L:MA31012

(2) Prep QC Batch: L:MP31954

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-2A	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.382		ratio	1	10/28/25 12:10	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-2B	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 84.9
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	10/22/25	11/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19807

(2) Prep QC Batch: MP43825

RL = Reporting Limit

Report of Analysis



Client Sample ID: BKG02@3.5'		Date Sampled: 10/20/25
Lab Sample ID: DA76486-2C		Date Received: 10/21/25
Matrix: SO - Soil		Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	5.1	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Barium ^a	235	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Cadmium ^a	< 0.23	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Copper ^a	11.6	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Lead ^a	10.6	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Nickel ^a	13.0	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Selenium ^b	< 0.58	0.58	mg/kg	50	10/24/25	10/28/25	ALA SW846 6020A ²	SW846 3050B ³
Silver ^a	< 0.23	0.23	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Zinc ^a	46.2	2.3	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³

- (1) Instrument QC Batch: L:MA31002
- (2) Instrument QC Batch: L:MA31011
- (3) Prep QC Batch: L:MP31935

- (a) Sample was analyzed at a dilution due to matrix interferences. Reporting limits are below the ECMC required limits. Analysis performed at SGS Scott, LA.
- (b) Elevated reporting limit due to dilution required for internal standard failure. Internal standard failed at a lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG02@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-2C	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 84.9
Project: CDH: Champlin 67 Amoco F Unit 1	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method pH ^a	7.16		su	1	10/28/25 11:42	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9 Specific Conductivity ^a	0.40	0.010	mmhos/cm	1	10/29/25 09:40	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.47	0.47	mg/kg	1	11/19/25 20:53	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

3.9
3

Client Sample ID: BKG03@3.5'	
Lab Sample ID: DA76486-3	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8260D	Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1Y015113.D	1	10/24/25 03:34	ALA	n/a	n/a	L:V1Y678
Run #2							

Run #	Initial Weight
Run #1	5.5 g
Run #2	

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00054	0.00054	mg/kg	
100-41-4	Ethylbenzene	< 0.0011	0.0011	mg/kg	
108-88-3	Toluene	< 0.0054	0.0054	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0054	0.0054	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0011	0.0011	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		59-143%
2037-26-5	Toluene-D8	103%		52-159%
460-00-4	4-Bromofluorobenzene	105%		38-183%

(a) Analysis performed at SGS Scott, LA.

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: BKG03@3.5'		
Lab Sample ID: DA76486-3		Date Sampled: 10/20/25
Matrix: SO - Soil		Date Received: 10/21/25
Method: SW846 8270E SW846 3570		Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	C0083084.D	1	10/31/25 18:18	ALA	10/30/25 12:00	L:OP28962	L:EC3225
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	78%		50-150%
321-60-8	2-Fluorobiphenyl	72%		50-150%
1718-51-0	Terphenyl-d14	91%		50-150%

(a) Analysis performed at SGS Scott, LA.

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: BKG03@3.5'	
Lab Sample ID: DA76486-3	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
Method: SW846 8015C SW846 3570	Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	KF002029.D	1	11/01/25 08:29	ALA	10/30/25 10:00	L:OP28966	L:GKF43
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.1	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		31-127%

(a) Analysis performed at SGS Scott, LA.

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: BKG03@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-3A	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1	

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium ^a	63500	500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²
Magnesium ^a	24700	500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²
Sodium ^a	7750	2500	ug/l	5	10/27/25	10/28/25 ALA	SW846 6010C ¹	USDA HANDBOOK 60 ²

(1) Instrument QC Batch: L:MA31012

(2) Prep QC Batch: L:MP31954

(a) Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG03@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-3A	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio ^a	0.209		ratio	1	10/28/25 12:14	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG03@3.5'	
Lab Sample ID: DA76486-3B	Date Sampled: 10/20/25
Matrix: SO - Soil	Date Received: 10/21/25
	Percent Solids: 84.5
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	10/22/25	11/04/25 BR	SW846 6010C ¹	HWS-B ²

(1) Instrument QC Batch: MA19807

(2) Prep QC Batch: MP43825

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG03@3.5'		Date Sampled: 10/20/25
Lab Sample ID: DA76486-3C		Date Received: 10/21/25
Matrix: SO - Soil		Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic ^a	5.4	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Barium ^a	263	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Cadmium ^a	0.24	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Copper ^a	12.4	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Lead ^a	11.6	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Nickel ^a	13.8	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Selenium ^b	< 0.59	0.59	mg/kg	50	10/24/25	10/28/25	ALA SW846 6020A ²	SW846 3050B ³
Silver ^a	< 0.24	0.24	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³
Zinc ^a	50.7	2.4	mg/kg	20	10/24/25	10/27/25	ALA SW846 6020A ¹	SW846 3050B ³

- (1) Instrument QC Batch: L:MA31002
- (2) Instrument QC Batch: L:MA31011
- (3) Prep QC Batch: L:MP31935

- (a) Sample was analyzed at a dilution due to matrix interferences. Reporting limits are below the ECMC required limits. Analysis performed at SGS Scott, LA.
- (b) Elevated reporting limit due to dilution required for internal standard failure. Internal standard failed at a lower dilution. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID: BKG03@3.5'	Date Sampled: 10/20/25
Lab Sample ID: DA76486-3C	Date Received: 10/21/25
Matrix: SO - Soil	Percent Solids: 84.5
Project: CDH: Champlin 67 Amoco F Unit 1	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH ^a	7.61		su	1	10/28/25 11:42	ALA	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity ^a	0.51	0.010	mmhos/cm	1	10/29/25 09:40	ALA	SM 2510B-2011 MOD
Chromium, Hexavalent ^b	< 0.49	0.49	mg/kg	1	11/20/25 14:41	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Scott, LA.

(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

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

Bottle Order Control #		FED-EX Tracking #	
SGS Quote #		SGS Job # DA76486	
Client / Reporting Information		Project Information	
Company CDH Consulting		Project Name Chrymple 67 Amoco UNIT 1	
Street		Street	
City, State, ZIP		Billing Information (if different from Report to)	
Project Contact: David Steinberg		Company Chevron	
Phone: 970-402-4108		Project #	
Email: CDH T6sm1		Street Address PPC	
Sampler(s) Name(s): Jack Willey		Client Purchase Order # UWRWE-AS388-ABN	
Project Manager: David Steinberg		City, State, ZIP	
Attention: Dgn Peterson		Number of preserved bottles	
Collection		Matrix	
Field ID / Point of Collection		Date	
Time		Sampled by	
# of bottles		Matrix	
NONE		HCl	
NaOH		HNO3	
H2SO4		Distilled	
Methanol		FUSION	
Na2SO3		Na2S2O3	
LAB USE ONLY			
BK601@3.5'		10/21/25 15:10 JW SO 3 X	
BK602@3.5'		15:25 JW SO 3 X	
BK603@3.5'		15:35 JW SO 3 X	
Turnaround Time (Business days)		Data Deliverable Information	
<input checked="" type="checkbox"/> Standard 10 Business Days <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY		<input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/partial raw data) <input type="checkbox"/> FULT1 <input type="checkbox"/> EDD Format	
Special Reporting Instructions		Comments / Special Instructions	
<input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input type="checkbox"/> Report MDLs		**Metals: specify metal(s), method, and type (D, PD, TR)	
Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.			
Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USPS, delivery.			
Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:	Date/Time:
1 Person	10/21/25 14:28	2 Person	10/21/25 14:28
Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:	Date/Time:
3		4	
Custody Seal #:	Intact <input type="checkbox"/> Not intact <input type="checkbox"/> Absent <input type="checkbox"/>	Preserved where applicable <input type="checkbox"/>	Cooler Temp. °C (corrected): 4.4 Therm. ID: 112 On Ice <input checked="" type="checkbox"/>
http://www.sgs.com/en/terms-and-conditions			

Current Regular COC 23MAY23.xls; FORM: EHS-AOC-0027-01-FORM-Wheat Ridge - COC, RV 9/2/21

DA76486: Chain of Custody

Page 1 of 2



SGS Sample Receipt Summary

Job Number: da76486

Client: CDH

Project: CHAMPLIN 67 AMOCO FV07-1

Date / Time Received: 10/21/2025 2:28:00 PM

Delivery Method: co

Airbill #'s: _____

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

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

Cooler Information

Y or N

- | | | |
|------------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Temp criteria achieved: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Cooler temp verification: | | IR Gun |
| 5. Cooler media: | | Ice (Bag) |

Trip Blank Information

Y or N N/A

- | | | | |
|---------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Trip Blank listed on COC: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

W or S N/A

- | | | | |
|------------------------|--------------------------|--------------------------|-------------------------------------|
| 3. Type of TB Received | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|------------------------|--------------------------|--------------------------|-------------------------------------|

Sample Information

Y or N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Sample labels present on bottles: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Samples presented properly | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 3. Sufficient volume/containers recv'd for analysis | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Condition of sample: | | Intact | |
| 5. Sample recv'd within HT | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 6. Dates/Times/IDs on COC match sample label | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 7. VOCs have headspace | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 9. Compositing instructions clear | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Voa Soil Kits/Jars received past 48hrs? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11. % Solids Jar Received? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 12. Residual Chlorine Present? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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: TERRIM

Date: 10/21/2025 5:57:13 PM

Reviewer: _____

Date: _____

DA76486: Chain of Custody

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4.1
4

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: DA76486
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43825
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/22/25

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	-14	<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 MP43825: DA76486-1B, DA76486-2B, DA76486-3B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76486
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

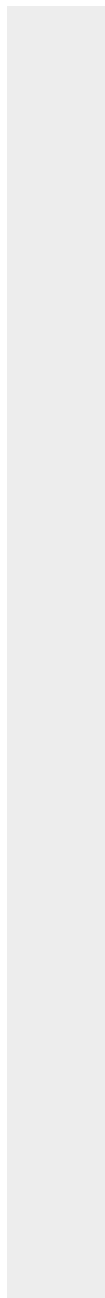
QC Batch ID: MP43825
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/22/25

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



5.1.1
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76486
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43825
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/22/25 10/22/25

Metal	DA76483-10B Original	DUP	RPD	QC Limits	DA76483-10B Original MS	Spikelot ICPALL6	% Rec	QC Limits	
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	60.5	54.0	11.4	0-20	60.5	10700	10000	106.4	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 MP43825: DA76486-1B, DA76486-2B, DA76486-3B

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

5.1.2
5

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76486
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: CDH: Champlin 67 Amoco F Unit 1

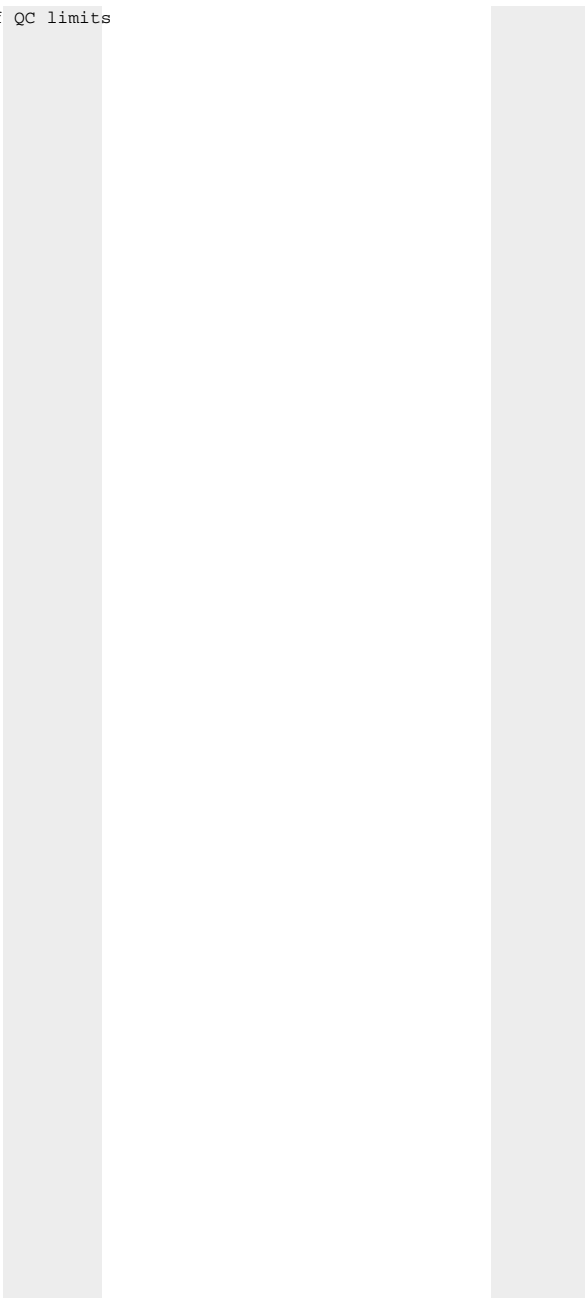
QC Batch ID: MP43825
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/22/25 10/22/25

Metal	DA76483-10B Original DUP	RPD	QC Limits	DA76483-10B Original MS	Spikelot ICPALL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested



5.1.2
5

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76486
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43825
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/22/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9030	10000	90.3	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43825: DA76486-1B, DA76486-2B, DA76486-3B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76486
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

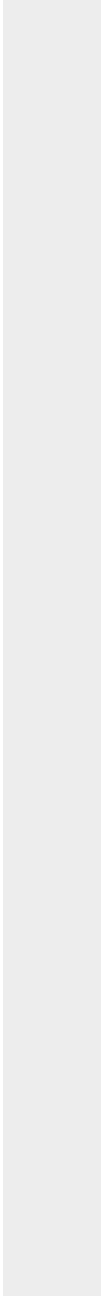
QC Batch ID: MP43825
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/22/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
-------	---------------	---------------------	-------	--------------

(anr) Analyte not requested



5.1.3
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76486
 Account: CHEVRCOG - Chevron USA, Inc.
 Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43825
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/22/25

Metal	DA76483-10B Original SDL 1:5	%DIF	QC Limits
-------	---------------------------------	------	--------------

Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	12.1	0.00	100.0(a) 0-10
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Lithium			
Magnesium			
Manganese			
Molybdenum			
Nickel			
Phosphorus			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc			

Associated samples MP43825: DA76486-1B, DA76486-2B, DA76486-3B

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

5.1.4
5

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76486
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP43825
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/22/25

Metal	DA76483-10B	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested

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

5.1.4
5

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

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

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

6.1 6

DA76486: Chain of Custody
Page 1 of 6
SGS Scott, LA



SOUTHWEST AIRLINES



526 DEN 3252 0364

Printed on:
22 OCT 13:00

HOU

PC#	DG	LOT WT
3 OF 3	G	200 LB (90.7 KG)

DEN WN 2808 22 OCT 17:25

STN FLT DATE ETD LOT 01



PC ID: 0003
PC WT: 66LB
526 32520364 0003

NFG



DA76486: Chain of Custody
Page 3 of 6

SOUTHWEST AIRLINES
 526 DEN 3252 0364
 PC# 2 OF 3 DG G LOT WT 200 LB (90.7 KG)
 HOU
 DEN WN 2808 22 OCT 17:25
 STN FLT DATE/ETD LOT QTY
 NFG
 PC ID: 0002
 PC WT: 67LB
 526 325203/4 000Z

DA76486: Chain of Custody
Page 4 of 6

SGS Sample Receipt Summary

Job Number: da76486

Client: SSG CO

Project: CHAMPLIN 67 AMOCO F UNIT1

Date / Time Received: 10/23/2025 7:10:00 AM

Delivery Method: THWEST AIRLINES CAI

Airbill #'s: 526325203640001-0003

Cooler Temps (Raw Measured) °C: Cooler 1: (1.1); Cooler 2: (1.3); Cooler 3: (1.8);

Cooler Temps (Corrected) °C: Cooler 1: (0.9); Cooler 2: (1.1); Cooler 3: (1.6);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | <u>Intact</u> | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____

Comments

SM089-03
Rev. Date 12/7/17

MS Volatiles

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y678-MB	1Y015093.D	1	10/23/25	PO	n/a	n/a	V1Y678

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
108-88-3	Toluene	0.41	5.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	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	
17060-07-0	1,2-Dichloroethane-D4	106%	59-143%
2037-26-5	Toluene-D8	103%	52-159%
460-00-4	4-Bromofluorobenzene	106%	38-183%

7.1.1
7

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y678-BS	1Y015088A.D	1	10/23/25	PO	n/a	n/a	V1Y678
V1Y678-BSD	1Y015089.D	1	10/23/25	PO	n/a	n/a	V1Y678

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	20	17.5	88	16.9	85	3	67-135/30
100-41-4	Ethylbenzene	20	19.4	97	18.1	91	7	69-136/30
108-88-3	Toluene	20	17.0	85	16.1	81	5	71-135/30
95-63-6	1,2,4-Trimethylbenzene	20	16.5	83	15.9	80	4	50-153/30
108-67-8	1,3,5-Trimethylbenzene	20	16.4	82	15.4	77	6	51-153/30
	m,p-Xylene	40	39.9	100	36.4	91	9	70-140/30
95-47-6	o-Xylene	20	18.5	93	17.9	90	3	70-132/30
1330-20-7	Xylene (total)	60	58.3	97	54.3	91	7	69-138/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	111%	109%	59-143%
2037-26-5	Toluene-D8	97%	103%	52-159%
460-00-4	4-Bromofluorobenzene	110%	108%	38-183%

* = Outside of Control Limits.

7.2.1
7

Blank Spike/Blank Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1Y678-BS	1Y015090A.D	1	10/23/25	PO	n/a	n/a	V1Y678
V1Y678-BSD	1Y015091.D	1	10/23/25	PO	n/a	n/a	V1Y678

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2000	1930	97	1800	90	7	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
17060-07-0	1,2-Dichloroethane-D4	108%	106%	59-143%
2037-26-5	Toluene-D8	98%	97%	52-159%
460-00-4	4-Bromofluorobenzene	105%	103%	38-183%

* = Outside of Control Limits.

7.2.2
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76489-1MS	1Y015095.D	1	10/23/25	PO	n/a	n/a	V1Y678
DA76489-1MSD	1Y015096.D	1	10/23/25	PO	n/a	n/a	V1Y678
DA76489-1	1Y015094.D	1	10/23/25	PO	n/a	n/a	V1Y678

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	DA76489-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 0.51	19.3	14.6	75	19.7	14.8	75	1	15-162/33
100-41-4	Ethylbenzene	< 1.0	19.3	14.3	74	19.7	14.0	71	2	14-168/13
108-88-3	Toluene	< 5.1	19.3	13.4	69	19.7	14.0	71	4	11-173/43
95-63-6	1,2,4-Trimethylbenzene	< 5.1	19.3	11.2	58* a	19.7	10.2	52* a	9	90-183/15
108-67-8	1,3,5-Trimethylbenzene	< 5.1	19.3	11.1	57	19.7	10.7	54	4	10-179/14
	m,p-Xylene	< 2.0	38.7	29.4	76	39.4	28.6	73	3	14-175/12
95-47-6	o-Xylene	< 1.0	19.3	14.0	72	19.7	14.0	71	0	19-167/13
1330-20-7	Xylene (total)	< 2.0	58	43.4	75	59.1	42.7	72	2	14-172/12

CAS No.	Surrogate Recoveries	MS	MSD	DA76489-1	Limits
17060-07-0	1,2-Dichloroethane-D4	91%	87%	108%	59-143%
2037-26-5	Toluene-D8	103%	100%	102%	52-159%
460-00-4	4-Bromofluorobenzene	107%	105%	111%	38-183%

(a) Outside control limits due to matrix interference. Blank Spike meets acceptance criteria.

* = Outside of Control Limits.

7.3.1
7

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76489-1MS	1Y015097.D	1	10/23/25	PO	n/a	n/a	V1Y678
DA76489-1MSD	1Y015098.D	1	10/23/25	PO	n/a	n/a	V1Y678
DA76489-1	1Y015094.D	1	10/23/25	PO	n/a	n/a	V1Y678

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	DA76489-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 200	2360	1260	53	2310	1390	60	10	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76489-1	Limits
17060-07-0	1,2-Dichloroethane-D4	83%	87%	108%	59-143%
2037-26-5	Toluene-D8	102%	99%	102%	52-159%
460-00-4	4-Bromofluorobenzene	104%	104%	111%	38-183%

* = Outside of Control Limits.

7.3.2
7

MS Semi-volatiles

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28962-MB	C0083008.D	1	10/30/25	BA	10/30/25	OP28962	EC3223

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76486-1, DA76486-2, DA76486-3

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

CAS No.	Surrogate Recoveries	Limits	
4165-60-0	Nitrobenzene-d5	107%	50-150%
321-60-8	2-Fluorobiphenyl	105%	50-150%
1718-51-0	Terphenyl-d14	130%	50-150%

Blank Spike Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRICOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28962-BS	C0083010.D	1	10/30/25	BA	10/30/25	OP28962	EC3223

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	1000	930	93	70-130
120-12-7	Anthracene	1000	919	92	70-130
56-55-3	Benzo(a)anthracene	1000	928	93	70-130
50-32-8	Benzo(a)pyrene	1000	927	93	70-130
205-99-2	Benzo(b)fluoranthene	1000	999	100	70-130
207-08-9	Benzo(k)fluoranthene	1000	929	93	70-130
218-01-9	Chrysene	1000	970	97	70-130
53-70-3	Dibenzo(a,h)anthracene	1000	967	97	70-130
206-44-0	Fluoranthene	1000	983	98	70-130
86-73-7	Fluorene	1000	1000	100	70-130
193-39-5	Indeno(1,2,3-cd)pyrene	1000	937	94	70-130
90-12-0	1-Methylnaphthalene	1000	962	96	70-130
91-57-6	2-Methylnaphthalene	1000	946	95	70-130
91-20-3	Naphthalene	1000	954	95	70-130
129-00-0	Pyrene	1000	964	96	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	99%	50-150%
321-60-8	2-Fluorobiphenyl	99%	50-150%
1718-51-0	Terphenyl-d14	115%	50-150%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28962-MS	C0083015.D	1	10/30/25	BA	10/30/25	OP28962	EC3223
OP28962-MSD	C0083016.D	1	10/30/25	BA	10/30/25	OP28962	EC3223
DA76483-6	C0083014.D	1	10/30/25	BA	10/30/25	OP28962	EC3223

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	DA76483-6 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 2.1	1060	969	91	1060	972	92	0	50-150/30
120-12-7	Anthracene	< 2.1	1060	1070	101	1060	1050	99	2	50-150/30
56-55-3	Benzo(a)anthracene	< 2.1	1060	1090	103	1060	1050	99	4	50-150/30
50-32-8	Benzo(a)pyrene	< 2.1	1060	1040	98	1060	1030	97	1	50-150/30
205-99-2	Benzo(b)fluoranthene	< 2.1	1060	1120	106	1060	1200	113	7	50-150/30
207-08-9	Benzo(k)fluoranthene	< 2.1	1060	984	93	1060	907	86	8	50-150/30
218-01-9	Chrysene	< 2.1	1060	1120	106	1060	1130	107	1	50-150/30
53-70-3	Dibenzo(a,h)anthracene	< 2.1	1060	1080	102	1060	1060	100	2	50-150/30
206-44-0	Fluoranthene	< 2.1	1060	1090	103	1060	1070	101	2	50-150/30
86-73-7	Fluorene	< 2.1	1060	1080	102	1060	1090	103	1	50-150/30
193-39-5	Indeno(1,2,3-cd)pyrene	< 2.1	1060	1050	99	1060	1040	98	1	50-150/30
90-12-0	1-Methylnaphthalene	< 2.1	1060	1060	100	1060	1020	96	4	50-150/30
91-57-6	2-Methylnaphthalene	< 2.1	1060	1050	99	1060	1010	95	4	50-150/30
91-20-3	Naphthalene	< 2.1	1060	1030	97	1060	1010	95	2	50-150/30
129-00-0	Pyrene	< 2.1	1060	1110	105	1060	1100	104	1	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76483-6	Limits
4165-60-0	Nitrobenzene-d5	79%	71%	82%	50-150%
321-60-8	2-Fluorobiphenyl	68%	70%	71%	50-150%
1718-51-0	Terphenyl-d14	82%	85%	84%	50-150%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-MB	KF001988.D	1	10/31/25	JT	10/30/25	OP28966	GKF43

The QC reported here applies to the following samples:

Method: SW846 8015C

DA76486-1, DA76486-2, DA76486-3

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	88% 31-127%

Blank Spike Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-BS1	KF001989.D	1	10/31/25	JT	10/30/25	OP28966	GKF43

The QC reported here applies to the following samples:

Method: SW846 8015C

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	500	493	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	90%	31-127%

9.2.1
9

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-BS2	KF001990.D	1	10/31/25	JT	10/30/25	OP28966	GKF43

The QC reported here applies to the following samples:

Method: SW846 8015C

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	500	449	90	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	86%	31-127%

9.2.2
9

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-MS1	KF002113.D	1	11/03/25	JT	10/30/25	OP28966	GKF45
OP28966-MSD1	KF002114.D	1	11/03/25	JT	10/30/25	OP28966	GKF45
DA76483-6	KF002117.D	2	11/03/25	JT	10/30/25	OP28966	GKF45

The QC reported here applies to the following samples:

Method: SW846 8015C

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	DA76483-6 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	2160	530	2130	-6* a	530	3060	170* a	36* b	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76483-6	Limits
84-15-1	o-Terphenyl	96%	93%	99%	31-127%

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

(b) Analytical precision exceeds in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76486
Account: ALMS SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28966-MS2	KF002115.D	1	11/03/25	JT	10/30/25	OP28966	GKF45
OP28966-MSD2	KF002116.D	2	11/03/25	JT	10/30/25	OP28966	GKF45
DA76483-6	KF002117.D	2	11/03/25	JT	10/30/25	OP28966	GKF45

The QC reported here applies to the following samples:

Method: SW846 8015C

DA76486-1, DA76486-2, DA76486-3

CAS No.	Compound	DA76483-6 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	1240	530	1860	117	530	2820	298* a	41* b	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76483-6	Limits
84-15-1	o-Terphenyl	95%	187%*	99%	31-127%

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

(b) Analytical precision exceeds in house control limits.

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

(SGS Scott, LA)

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: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 10/24/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1.0	.014	.23		
Antimony	0.050	.00022	.016		
Arsenic	0.010	.00079	.004	-0.00010	<0.010
Barium	0.010	.00041	.0055	-0.00010	<0.010
Beryllium	0.010	.00035	.0012		
Boron	5.0	.043	.36		
Cadmium	0.010	.00016	.0044	0.0	<0.010
Cerium	0.010	.00015	.0009		
Chromium	0.050	.0016	.02		
Cobalt	0.010	.00016	.0031		
Copper	0.010	.0008	.0039	-0.00030	<0.010
Iron	1.0	.0097	.37		
Lithium	0.010	.0012	.0037		
Lead	0.010	.001	.0079	0.00020	<0.010
Lanthanum	0.010	.00017	.0005		
Magnesium	1.0	.016	.4		
Manganese	0.010	.00091	.003		
Molybdenum	0.010	.00038	.001		
Nickel	0.010	.00038	.0049	-0.0019	<0.010
Potassium	5.0	.25	1.3		
Selenium	0.010	.015	.0042	-0.0012	<0.010
Silver	0.010	.00024	.0028	0.0	<0.010
Silicon	2.0	.42	.71		
Sodium	5.0	.22	1.7		
Strontium	0.010	.00054	.0027		
Thallium	0.010	.00023	.0011		
Tin	0.20	.002	.014		
Titanium	0.010	.0021	.0068		
Uranium	0.010	.00019	.0014		
Vanadium	0.010	.00087	.0076		
Zinc	0.10	.0017	.036	-0.0031	<0.10

Associated samples MP31935: DA76486-1C, DA76486-2C, DA76486-3C

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

10.1.1
10

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

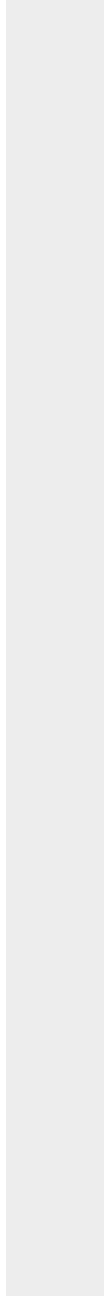
QC Batch ID: MP31935
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 10/24/25

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



10.1.1
10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
 Matrix Type: SOLID

Methods: SW846 6020A
 Units: mg/kg

Prep Date: 10/24/25

Metal	DA76484-1C Original MS		Spike/lot MPICPMS6 % Rec	QC Limits
Aluminum				
Antimony				
Arsenic	2.4	15.1	11.8	107.6 75-125
Barium	187	167	11.8	-169.4(a) 75-125
Beryllium				
Boron				
Cadmium	0.19	12.0	11.8	99.9 75-125
Cerium				
Chromium				
Cobalt				
Copper	9.8	22.4	11.8	112.7 75-125
Iron				
Lithium				
Lead	59.2	40.0	11.8	-162.6(a) 75-125
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	5.5	21.3	11.8	131.3N(b) 75-125
Potassium				
Selenium	0.0	56.3	59	95.4 75-125
Silver	0.066	11.7	11.8	98.5 75-125
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	97.1	101	11.8	33.0 (a) 75-125

Associated samples MP31935: DA76486-1C, DA76486-2C, DA76486-3C

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

10.1.2
10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 10/24/25

Metal	DA76484-1C Original MS	Spike lot MPICPMS6 % Rec	QC Limits
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- (N) Matrix Spike Rec. outside of QC limits
- (anr) Analyte not requested
- (a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- (b) Spike recovery indicates possible matrix interference or sample non-homogeneity.

10.1.2
10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
 Matrix Type: SOLID

Methods: SW846 6020A
 Units: mg/kg

Prep Date: 10/24/25

Metal	DA76484-1C Original MSD		Spike/lot MPICPMS6 % Rec	MSD RPD	QC Limit
Aluminum					
Antimony					
Arsenic	2.4	14.2	11.8	99.9	6.1 20
Barium	187	359	11.8	1456.8(a)	73.0 (b) 20
Beryllium					
Boron					
Cadmium	0.19	11.9	11.8	99.1	0.8 20
Cerium					
Chromium					
Cobalt					
Copper	9.8	31.0	11.8	185.5N(c)	32.2 (b) 20
Iron					
Lithium					
Lead	59.2	69.4	11.8	86.4	53.7 (b) 20
Lanthanum					
Magnesium					
Manganese					
Molybdenum					
Nickel	5.5	19.6	11.8	116.9	8.3 20
Potassium					
Selenium	0.0	55.7	59	94.4	1.1 20
Silver	0.066	11.6	11.8	97.7	0.9 20
Silicon					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	97.1	165	11.8	575.1(a)	48.1 (b) 20

Associated samples MP31935: DA76486-1C, DA76486-2C, DA76486-3C

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

10.1.2
10

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
 Matrix Type: SOLID

Methods: SW846 6020A
 Units: mg/kg

Prep Date: 10/24/25

Metal	DA76484-1C Original MSD	Spike lot MPICPMS6 % Rec	MSD RPD	QC Limit
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- (N) Matrix Spike Rec. outside of QC limits
- (anr) Analyte not requested
- (a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- (b) High RPD due to possible sample nonhomogeneity or matrix interference.
- (c) Spike recovery indicates possible matrix interference or sample non-homogeneity.

10.1.2 10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
 Matrix Type: SOLID

Methods: SW846 6020A
 Units: mg/kg

Prep Date: 10/24/25

Metal	LCS Result	Spikelot LCSMETAL26% Rec	QC Limits
Aluminum			
Antimony			
Arsenic	167	148	112.8 80-120
Barium	179	191	93.7 80-120
Beryllium			
Boron			
Cadmium	181	190	95.3 80-120
Cerium			
Chromium			
Cobalt			
Copper	278	234	118.8 80-120
Iron			
Lithium			
Lead	84.1	98.6	85.3 80-120
Lanthanum			
Magnesium			
Manganese			
Molybdenum			
Nickel	143	155	92.3 80-120
Potassium			
Selenium	106	124	85.5 80-120
Silver	65.3	54.9	118.9 80-120
Silicon			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc	311	345	90.1 80-120

Associated samples MP31935: DA76486-1C, DA76486-2C, DA76486-3C

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

10.1.3
10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

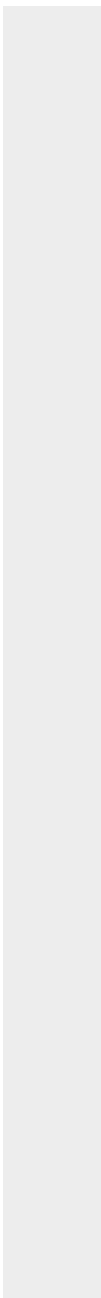
QC Batch ID: MP31935
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 10/24/25

Metal	LCS Result	Spikelot LCSMETAL26% Rec	QC Limits
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(anr) Analyte not requested



10.1.3
10

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
 Matrix Type: SOLID

Methods: SW846 6020A
 Units: ug/l

Prep Date: 10/24/25

Metal	DA76484-1C Original SDL 20:100%DIF		QC Limits	
Aluminum				
Antimony				
Arsenic	20.7	20.7	0.1	0-10
Barium	1590	1470	7.6	0-10
Beryllium				
Boron				
Cadmium	1.63	1.58	7.7	0-10
Cerium				
Chromium				
Cobalt				
Copper	83.0	78.9	1.9	0-10
Iron				
Lithium				
Lead	501	471	6.1	0-10
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	46.4	50.5	3.2	0-10
Potassium				
Selenium	0.00	0.00	NC	0-10
Silver	0.557	0.504	9.5	0-10
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	823	850	3.3	0-10

Associated samples MP31935: DA76486-1C, DA76486-2C, DA76486-3C

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

10.1.4
10

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

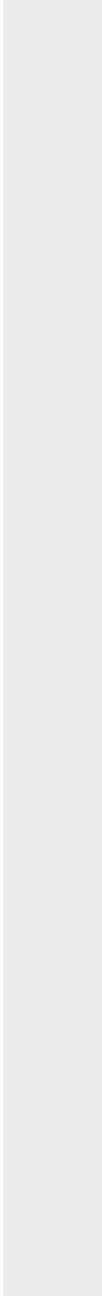
QC Batch ID: MP31935
Matrix Type: SOLID

Methods: SW846 6020A
Units: ug/l

Prep Date: 10/24/25

Metal	DA76484-1C Original SDL 20:100%DIF	QC Limits
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(anr) Analyte not requested



10.1.4
10

POST DIGESTATE SPIKE SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31935
 Matrix Type: SOLID

Methods: SW846 6020A
 Units: ug/l

Prep Date:

10/24/25

Metal	Sample ml	Final ml	DA76484-1C Raw	PS Corr.** ug/l	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum										
Antimony										
Barium	.1	10	1585.844	15.85844	104.334	.1	10	100	88.5	75-125
Beryllium										
Boron										
Cerium										
Chromium										
Cobalt										
Copper	.1	10	77.493	.77493	98.124	.1	10	100	97.3	75-125
Iron										
Lithium										
Lead	.1	10	475.577	5.0124	101.429	.1	10	100	96.4	75-125
Lanthanum										
Magnesium										
Manganese										
Molybdenum										
Nickel	.1	10	48.944	.48944	98.005	.1	10	100	97.5	75-125
Potassium										
Silicon										
Sodium										
Strontium										
Thallium										
Tin										
Titanium										
Uranium										
Vanadium										
Zinc	.1	10	859.476	8.22841	104.099	.1	10	100	95.9	75-125

Associated samples MP31935: DA76486-1C, DA76486-2C, DA76486-3C

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

10.1.5
10

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31954
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/27/25

Metal	RL	IDL	MDL	MB	
				raw	final
Calcium	100	4.5	32	23.5	<100
Magnesium	100	24	40	0.29	<100
Sodium	500	33	120	5.8	<500

Associated samples MP31954: DA76486-1A, DA76486-2A, DA76486-3A

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: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31954
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/27/25

Metal	DA76484-1A Original	DUP	RPD	QC Limits
Calcium	129000	127000	1.6	0-20
Magnesium	21100	20700	1.9	0-20
Sodium	125000	126000	0.8	0-20

Associated samples MP31954: DA76486-1A, DA76486-2A, DA76486-3A

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

10.2.2
10

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76486
 Account: ALMS - SGS Wheat Ridge, CO
 Project: CHEVRCOG: CDH: Champlin 67 Amoco F Unit 1

QC Batch ID: MP31954
 Matrix Type: AQUEOUS

Methods: SW846 6010C
 Units: ug/l

Prep Date: 10/27/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Calcium	4170	4000	104.3	80-120
Magnesium	2090	2000	104.5	80-120
Sodium	103000	100000	103.0	80-120

Associated samples MP31954: DA76486-1A, DA76486-2A, DA76486-3A

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

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody





CHAIN OF CUSTODY

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

Tracking # **1144-9049-1950** Bottle Order Control #
 SGS Job # **DA76486**

Client / Reporting Information		Project Information										Requested Analysis (see TEST CODE sheet)										Matrix Codes
Company Name: SGS North America Inc.		Project Name: CDH: Champlin 67 Amoco F Unit 1																				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
Street Address: 4036 Youngfield Street		Street: CDH: Champlin 67 Amoco F Unit 1																				
City State Zip: Wheat Ridge, CO 80033		Billing Information (If different from Report to) Company Name:																				
Project Contact E-mail: parna.ekandari@sgs.com		Project #:																				
Phone #: 303-425-6021		Client Purchase Order #:																				
Sampler(s) Name(s): JW		Project Manager:																				
Phone:		Attention:																				
Turnaround Time (Business days)		Data Deliverable Information										Comments / Special Instructions										

<input type="checkbox"/> Standard 10 Day (business) <input type="checkbox"/> 5 Business Days RUSH <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input type="checkbox"/> 1 Business Day EMERGENCY <input checked="" type="checkbox"/> other Due 11/4/2025 <small>Emergency & Rush T/A data available via Lablink. Approval needed for RUSH/Emergency TAT</small>		Approved By (SGS PM) / Date: _____ _____		<input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> REDT1 (Level 3) <input type="checkbox"/> FULT1 (Level 4) <input type="checkbox"/> Commercial "C" <small>Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data</small>		<input type="checkbox"/> State Forms <input type="checkbox"/> EDD Format <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> UL		1 - 3 402 Initial Assessment Label Verification <i>At-IB</i>		http://www.sgs.com/en/terms-and-conditions	
--	--	--	--	--	--	--	--	--	--	---	--

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

Relinquished by Sampler: 1	Date Time: <i>10/24</i>	Received By: <i>Fedex</i>	Received By: 1	Relinquished by: <i>Fedex</i>	Date Time: <i>10/24</i>	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By:	Received By: 3	Relinquished by:	Date Time: <i>9:35</i>	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	<input type="checkbox"/> Intact <input type="checkbox"/> Not intact	Preserved where applicable <input type="checkbox"/>	Therm. ID: <input type="checkbox"/>

On Ice Cooler Temp. **2.4**

SGS Sample Receipt Summary

Job Number: DA76486

Client: SGS WHEAT RIDGE CO

Project: CDH: CHJAMPLIN 67 AMOCO F UNIT 1

Date / Time Received: 10/24/2025 9:35:00 AM

Delivery Method: fedex

Airbill #'s: _____

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

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

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|-----------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. SmpI Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

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

Quality Control Preservatio

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | <u>Intact</u> | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s:	pH 1-12: <u>231619</u>	pH 12+: <u>203117A</u>	Other: (Specify) _____
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Comments

SM089-03
Rev. Date 12/7/17

11.1
11

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: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVR/COG: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP65592/GN76306	0.40	0.0	mg/kg	40	40.1	100.3	80-120%
Chromium, Hexavalent	GP65592/GN76306			mg/kg	792	814	102.8	80-120%
Chromium, Hexavalent	GP65624/GN76269	0.40	0.0	mg/kg	40	39.9	99.8	80-120%
Chromium, Hexavalent	GP65624/GN76269			mg/kg	811	884	109.0	80-120%

Associated Samples:

Batch GP65592: DA76486-1C, DA76486-3C

Batch GP65624: DA76486-2C

(*) Outside of QC limits

12.1
12

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76486
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVR COG: CDH: Champlin 67 Amoco F Unit 1

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP65592/GN76306	DA76433-2	mg/kg	0.0	0.0	0.0	0-20%
Chromium, Hexavalent	GP65624/GN76269	DA77256-1C	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:

Batch GP65592: DA76486-1C, DA76486-3C

Batch GP65624: DA76486-2C

(*) Outside of QC limits

12.2
12

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76486
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	GP65592/GN76306	DA76433-2	mg/kg	0.0	41	37.7	91.9 (a)	75-125%
Chromium, Hexavalent	GP65592/GN76306	DA76433-2	mg/kg	0.0	1000	1000	99.8 (b)	75-125%
Chromium, Hexavalent	GP65624/GN76269	DA77256-1C	mg/kg	0.0	878	946	107.8 (b)	75-125%
Chromium, Hexavalent	GP65624/GN76269	DA77256-1C	mg/kg	0.0	44.9	40.1	89.4 (c)	75-125%

Associated Samples:

Batch GP65592: DA76486-1C, DA76486-3C

Batch GP65624: DA76486-2C

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Good recovery on soluble XCR matrix spike. Good recovery (92.97%) on the post-spike.

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

(c) Good recovery on soluble XCR matrix spike. Good recovery (103.1%) on the post-spike.

12.3
12

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody

SOUTHWEST AIRLINES



526 DEN 3252 0364

Printed on:
22 OCT 13:00

HOU

PC#	DG	LOT WT
3 OF 3	G	200 LB (90.7 KG)

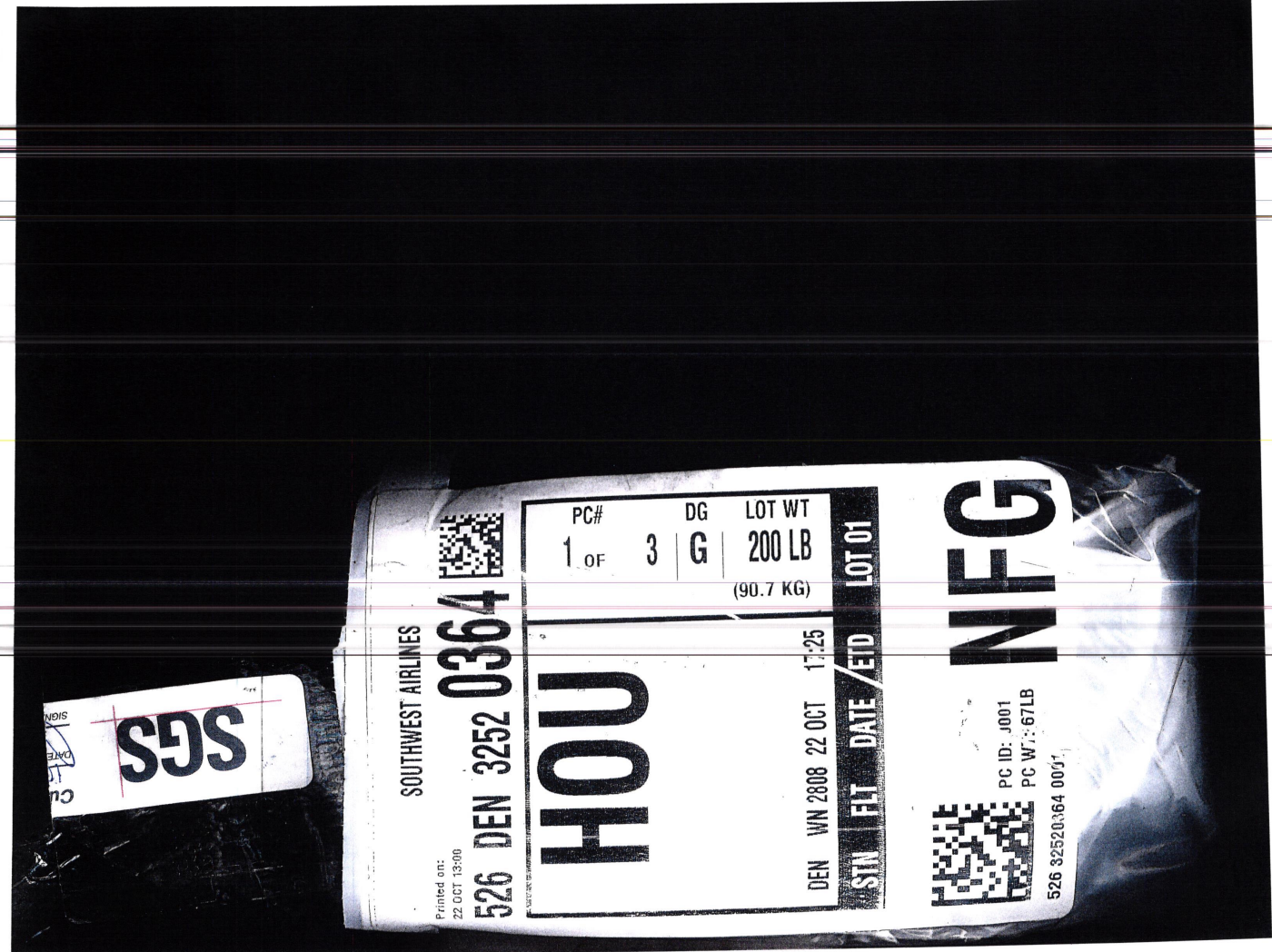
DEN WN 2808 22 OCT 17:25

STN FLT DATE ETD LOT 01



PC ID: 0003
PC WT: 66LB
526 32520364 0003

NFG



DA76486: Chain of Custody
Page 3 of 6

13.1
13

SOUTHWEST AIRLINES
 526 DEN 3252 0364
 HOU
 DEN WN 2808 22 OCT 17:25
 PC# 2 OF 3 DG G LOT WT 200 LB (90.7 KG)
 STN FLT DATE/ETD LOT QTY
 MFG
 PC ID: 0002
 PC WT: 67LB
 526 325203/4 000Z

13.1 13

DA76486: Chain of Custody
Page 4 of 6

Southwest
Cargo

Not Negotiable / Issued by
52632320364 swacargo.com (800) 533-1222



Shipper's Account Number
30495 - 1

Shipper's Name and Address
PRECISION AIR CARGO
P.O. BOX 5683
DENVER, CO 80217
US +1 (303) 576-4020

Copies 1, 2 and 3 of this Air Waybill are original and have the same validity.
Received in Good Order & Condition at:
HOU - 3 pcs 10/22/2025 21:32 CDT by ANTHONY BRYANT

Consignee's Account Number

Consignee's Name and Address
SGS NORTH AMERICA
10175 HARWIN DRIVE
HOUSTON, TX 77036
US +1 (303) 576-0020

Issuing Carrier's Agent Name and City

Accounting Information

Account No.

Agent's IATA Code
DENVER

Address of First Carrier and Requested Routing

Declared Value for Carriage
NVD
Declared Value for Customs
NVD

To By To By Flight Date
HOU SOUTHWEST AIRLINES For Carrier Use Only Flight Date
Airport of Destination WNZ008 / 22OCT

HANDLING INFORMATION

Service Level - N

No. of Pieces RCP	Gross Weight lb	Rate Class	Commodity Item No.	Chargeable Weight	Rate / Charge	Total	Nature and Quantity of Goods (Inc. Dimensions or Volume)
3	210	B	0000	200	As Agreed	*****	SOIL WATER/AIR SAMPLES DIMS IN INCHES: 2 = 24 X 14 X 15 1 = 15 X 12 X 12

Prepaid	Weight Charge	Collect	Other Charges and Description
			MYC 0.00 SCC 0.00

Total Other Charges Due Agent
Total Other Charges Due Carrier
Signature of Shipper or his Agent
RODERICK LEE

Shipper certifies that the particulars on the face hereof are correct and that insofar as any part of the consignment contains dangerous goods, such part is properly described by name and is in proper condition for carriage by air according to the applicable Dangerous Goods Regulations. I consent that this shipment shall be subject to search by the Carrier.

Total Prepaid
Total Collect
Currency Conversion Rates
10/22/2025 12:59 MDT DEN E156748
Executed on (date and time)
Total Collect Charges
At (place)
Signature of Issuing Carrier or its Agent
526 - 32520364

COPY 4 (DELIVERY RECEIPT)

DA 10-23-25 08:11
DA 10-20-25 21:32



SGS Sample Receipt Summary

Job Number: da76486

Client: SSG CO

Project: CHAMPLIN 67 AMOCO F UNIT1

Date / Time Received: 10/23/2025 7:10:00 AM

Delivery Method: THWEST AIRLINES CAI

Airbill #'s: 526325203640001-0003

Cooler Temps (Raw Measured) °C: Cooler 1: (1.1); Cooler 2: (1.3); Cooler 3: (1.8);

Cooler Temps (Corrected) °C: Cooler 1: (0.9); Cooler 2: (1.1); Cooler 3: (1.6);

Cooler Security

Y or N

Y or N

- | | | | | | |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Cooler Temperature

Y or N

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

Quality Control Preservation

Y or N

N/A

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

Sample Integrity - Documentation

Y or N

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

Sample Integrity - Condition

Y or N

- | | | |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample: | <u>Intact</u> | |

Sample Integrity - Instructions

Y or N

N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 2. Bottles received for unspecified tests | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| 3. Sufficient volume recvd for analysis: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 4. Compositing instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear: | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Test Strip Lot #s: pH 1-12: _____ pH 12+: _____ Other: (Specify) _____

Comments

SM089-03
Rev. Date 12/7/17

13.1
13

General Chemistry

QC Data Summaries

(SGS Scott, LA)

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: DA76486
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
Specific Conductivity	GN34942			mmhos/cm	xxxxxxx	1.3	93.3	90-110%
pH	GN34922			su	xxxxxxx	7.00	100.0	99.1-100.9%
pH	GN34923			su	xxxxxxx	7.05	100.7	99.1-100.9%

Associated Samples:

Batch GN34922: DA76486-1C

Batch GN34923: DA76486-2C, DA76486-3C

Batch GN34942: DA76486-1C, DA76486-2C, DA76486-3C

(*) Outside of QC limits

14.1
14

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76486
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
Specific Conductivity	GN34942	DA76484-1C	mmhos/cm	0.59	0.60	1.7	0-10%
pH	GN34922	DA76483-9C	su	6.89	6.89	0.0	0-20%
pH	GN34923	DA76486-2C	su	7.16	7.16	0.0	0-20%

Associated Samples:

Batch GN34922: DA76486-1C

Batch GN34923: DA76486-2C, DA76486-3C

Batch GN34942: DA76486-1C, DA76486-2C, DA76486-3C

(*) Outside of QC limits

14.2
14