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Automated Report

Technical Report for

Chevron USA, Inc.

CDH: Suden 34U-403 WH

CHEVRON-PDC/PO#UWRWR-A5029-ABN

SGS Job Number: DA76859

Sampling Date: 10/31/25

Report to:

Chevron USA, Inc.
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Total number of pages in report: **103**

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: DA76859

CDH: Suden 34U-403 WH
Project No: CHEVRON-PDC/PO#UWRWR-A5029-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76859-1	10/31/25	15:33	DT	10/31/25	SO	Soil	WH01-S@4'
DA76859-1A	10/31/25	15:33	DT	10/31/25	SO	Soil	WH01-S@4'
DA76859-1B	10/31/25	15:33	DT	10/31/25	SO	Soil	WH01-S@4'
DA76859-1C	10/31/25	15:33	DT	10/31/25	SO	Soil	WH01-S@4'
DA76859-2	10/31/25	15:48	NI	10/31/25	SO	Soil	WC-1
DA76859-2A	10/31/25	15:48	NI	10/31/25	SO	Soil	WC-1
DA76859-2B	10/31/25	15:48	NI	10/31/25	SO	Soil	WC-1
DA76859-2C	10/31/25	15:48	NI	10/31/25	SO	Soil	WC-1
DA76859-3	10/31/25	15:03	NI	10/31/25	SO	Soil	BKG01@4.5'
DA76859-3A	10/31/25	15:03	NI	10/31/25	SO	Soil	BKG01@4.5'
DA76859-3B	10/31/25	15:03	NI	10/31/25	SO	Soil	BKG01@4.5'
DA76859-4	10/31/25	14:41	NI	10/31/25	SO	Soil	BKG02@4.5'
DA76859-4A	10/31/25	14:41	NI	10/31/25	SO	Soil	BKG02@4.5'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA76859

CDH: Suden 34U-403 WH
Project No: CHEVRON-PDC/PO#UWRWR-A5029-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76859-4B	10/31/25	14:41	NI	10/31/25	SO	Soil	BKG02@4.5'
DA76859-5	10/31/25	14:51	NI	10/31/25	SO	Soil	BKG03@4.5'
DA76859-5A	10/31/25	14:51	NI	10/31/25	SO	Soil	BKG03@4.5'
DA76859-5B	10/31/25	14:51	NI	10/31/25	SO	Soil	BKG03@4.5'

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

Summary of Hits

Job Number: DA76859
Account: Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH
Collected: 10/31/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76859-1	**WH01-S@4'**					
TPH-GRO (C6-C10)		4.95	0.22		mg/kg	SW846 8260D
Pyrene		0.0587	0.0046		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		319	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		9.67	6.5		mg/kg	SW846-8015C
DA76859-1A	**WH01-S@4'**					
Calcium		69.7	6.0		mg/l	SW846 6010C
Magnesium		31.4	3.0		mg/l	SW846 6010C
Sodium		37.9	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.947			ratio	USDA HANDBOOK 60
DA76859-1B	**WH01-S@4'**					
No hits reported in this sample.						
DA76859-1C	**WH01-S@4'**					
Arsenic		4.4	0.16		mg/kg	SW846 6020B
Barium		166	1.6		mg/kg	SW846 6020B
Cadmium		0.11	0.081		mg/kg	SW846 6020B
Copper		5.8	1.6		mg/kg	SW846 6020B
Lead		7.7	0.41		mg/kg	SW846 6020B
Nickel		7.9	1.6		mg/kg	SW846 6020B
Zinc		27.9	8.1		mg/kg	SW846 6020B
pH [b]		7.75			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		0.66	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76859-2	**WC-1**					
TPH-DRO (C10-C28)		112	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		26.1	6.6		mg/kg	SW846-8015C
DA76859-2A	**WC-1**					
Calcium		116	6.0		mg/l	SW846 6010C
Magnesium		53.5	3.0		mg/l	SW846 6010C
Sodium		72.3	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.39			ratio	USDA HANDBOOK 60
DA76859-2B	**WC-1**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA76859
Account: Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH
Collected: 10/31/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76859-2C	**WC-1**					
Arsenic		4.6	0.17		mg/kg	SW846 6020B
Barium		170	1.7		mg/kg	SW846 6020B
Cadmium		0.17	0.087		mg/kg	SW846 6020B
Copper		6.5	1.7		mg/kg	SW846 6020B
Lead		7.7	0.44		mg/kg	SW846 6020B
Nickel		7.7	1.7		mg/kg	SW846 6020B
Zinc		30.2	8.7		mg/kg	SW846 6020B
pH [b]		7.80			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		1.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76859-3	**BKG01@4.5'**					
Arsenic		5.6	0.17		mg/kg	SW846 6020B
Barium		102	1.7		mg/kg	SW846 6020B
Cadmium		0.11	0.087		mg/kg	SW846 6020B
Copper		6.4	1.7		mg/kg	SW846 6020B
Lead		8.1	0.44		mg/kg	SW846 6020B
Nickel		8.1	1.7		mg/kg	SW846 6020B
Zinc		30.1	8.7		mg/kg	SW846 6020B
pH [b]		7.79			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76859-3A	**BKG01@4.5'**					
Calcium		143	6.0		mg/l	SW846 6010C
Magnesium		42.1	3.0		mg/l	SW846 6010C
Sodium		27.6	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.521			ratio	USDA HANDBOOK 60
DA76859-3B	**BKG01@4.5'**					
No hits reported in this sample.						
DA76859-4	**BKG02@4.5'**					
Arsenic		4.0	0.18		mg/kg	SW846 6020B
Barium		121	1.8		mg/kg	SW846 6020B
Cadmium		0.13	0.089		mg/kg	SW846 6020B
Copper		6.0	1.8		mg/kg	SW846 6020B
Lead		7.5	0.45		mg/kg	SW846 6020B
Nickel		8.0	1.8		mg/kg	SW846 6020B
Zinc		26.9	8.9		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA76859
Account: Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH
Collected: 10/31/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
pH [b]		8.03			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		0.29	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76859-4A	**BKG02@4.5'**					
Calcium		38.8	6.0		mg/l	SW846 6010C
Magnesium		8.80	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.106			ratio	USDA HANDBOOK 60
DA76859-4B	**BKG02@4.5'**					
No hits reported in this sample.						
DA76859-5	**BKG03@4.5'**					
Arsenic		2.8	0.18		mg/kg	SW846 6020B
Barium		71.1	1.8		mg/kg	SW846 6020B
Cadmium		0.12	0.088		mg/kg	SW846 6020B
Copper		4.8	1.8		mg/kg	SW846 6020B
Lead		6.3	0.44		mg/kg	SW846 6020B
Nickel		5.7	1.8		mg/kg	SW846 6020B
Zinc		20.1	8.8		mg/kg	SW846 6020B
pH [b]		7.85			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		1.5	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76859-5A	**BKG03@4.5'**					
Calcium		126	6.0		mg/l	SW846 6010C
Magnesium		40.4	3.0		mg/l	SW846 6010C
Sodium		13.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.272			ratio	USDA HANDBOOK 60
DA76859-5B	**BKG03@4.5'**					
No hits reported in this sample.						

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(b) Saturated paste was generated on 11/04/25.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WH01-S@4'		
Lab Sample ID:	DA76859-1	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
Method:	SW846 8260D	**Percent Solids:**	87.8
Project:	CDH: Suden 34U-403 WH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	10V1709.D	1	11/07/25 07:23	MB	n/a	n/a	V0V24
Run #2							

	Initial Weight	Final Volume
Run #1	5.28 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0022	0.0022	mg/kg	
	m,p-Xylene	< 0.0022	0.0022	mg/kg	
95-47-6	o-Xylene	< 0.0022	0.0022	mg/kg	
1330-20-7	Xylene (total)	< 0.0022	0.0022	mg/kg	
	TPH-GRO (C6-C10)	4.95	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%
17060-07-0	1,2-Dichloroethane-D4	86%		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-S@4'		
Lab Sample ID:	DA76859-1	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.8
Project:	CDH: Suden 34U-403 WH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G002297.D	1	11/03/25 03:30	TH	11/01/25 17:30	OP29141	E9G93
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	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	0.0587	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	72%		22-138%
4165-60-0	Nitrobenzene-d5	82%		32-143%
1718-51-0	Terphenyl-d14	84%		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-S@4'		
Lab Sample ID:	DA76859-1	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.8
Project:	CDH: Suden 34U-403 WH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP088790.D	1	11/06/25 05:31	JB	11/04/25 10:30	OP29152	GFP2525
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)	319	4.3	mg/kg	
	TPH-ORO (> C28-C36)	9.67	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		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-S@4'		
Lab Sample ID:	DA76859-1A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	87.8
Project:	CDH: Suden 34U-403 WH		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	69.7	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	31.4	3.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	37.9	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44150

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01-S@4'		
Lab Sample ID:	DA76859-1A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	87.8
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.947		ratio	1	11/18/25 01:24	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-S@4'		
Lab Sample ID:	DA76859-1B	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	87.8
Project:	CDH: Suden 34U-403 WH		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/04/25	11/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44117

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01-S@4'		
Lab Sample ID:	DA76859-1C	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	87.8
Project:	CDH: Suden 34U-403 WH		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.4	0.16	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	166	1.6	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.081	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.8	1.6	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.7	0.41	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.9	1.6	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.16	0.16	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.081	0.081	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	27.9	8.1	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19832
(2) Prep QC Batch: MP44118

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01-S@4'		
Lab Sample ID:	DA76859-1C	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	87.8
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.75		su	1	11/04/25 14:35	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.66	0.0010	mmhos/cm	1	11/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.45	0.45	mg/kg	1	12/03/25 14:13	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 11/04/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WC-1		
Lab Sample ID:	DA76859-2	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
Method:	SW846 8260D	**Percent Solids:**	89.6
Project:	CDH: Suden 34U-403 WH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	10V1710.D	1	11/07/25 07:44	MB	n/a	n/a	V0V24
Run #2							

	Initial Weight	Final Volume
Run #1	5.29 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	92%		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:	WC-1		
Lab Sample ID:	DA76859-2	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.6
Project:	CDH: Suden 34U-403 WH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G002298.D	1	11/03/25 03:50	TH	11/01/25 17:30	OP29141	E9G93
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0056	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	65%		22-138%
4165-60-0	Nitrobenzene-d5	78%		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:	WC-1		
Lab Sample ID:	DA76859-2	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.6
Project:	CDH: Suden 34U-403 WH		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP088793.D	1	11/06/25 06:11	JB	11/04/25 10:30	OP29152	GFP2525
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	112	4.4	mg/kg	
	TPH-ORO (> C28-C36)	26.1	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		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:	WC-1		
Lab Sample ID:	DA76859-2A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	89.6
Project:	CDH: Suden 34U-403 WH		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	116	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	53.5	3.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	72.3	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44150

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WC-1		
Lab Sample ID:	DA76859-2A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	89.6
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.39		ratio	1	11/18/25 01:28	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:	WC-1		
Lab Sample ID:	DA76859-2B	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	89.6
Project:	CDH: Suden 34U-403 WH		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/04/25	11/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44117

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WC-1		
Lab Sample ID:	DA76859-2C	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	89.6
Project:	CDH: Suden 34U-403 WH		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.6	0.17	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	170	1.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.17	0.087	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.5	1.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.7	0.44	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.7	1.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.17	0.17	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.087	0.087	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	30.2	8.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19832
(2) Prep QC Batch: MP44118

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WC-1		
Lab Sample ID:	DA76859-2C	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	89.6
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.80		su	1	11/04/25 14:35	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	1.4	0.0010	mmhos/cm	1	11/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.44	0.44	mg/kg	1	12/03/25 14:29	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 11/04/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@4.5'		
Lab Sample ID:	DA76859-3	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.0
Project:	CDH: Suden 34U-403 WH		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.6	0.17	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	102	1.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.087	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.4	1.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.1	0.44	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.1	1.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.17	0.17	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.087	0.087	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	30.1	8.7	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19832
(2) Prep QC Batch: MP44118

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@4.5'		
Lab Sample ID:	DA76859-3	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.0
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94		%	1	11/03/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.79		su	1	11/04/25 14:35	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	1.2	0.0010	mmhos/cm	1	11/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.43	0.43	mg/kg	1	12/03/25 14:45	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 11/04/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@4.5'		
Lab Sample ID:	DA76859-3A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.0
Project:	CDH: Suden 34U-403 WH		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	143	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	42.1	3.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	27.6	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44150

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@4.5'		
Lab Sample ID:	DA76859-3A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.0
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.521		ratio	1	11/18/25 01:29	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:	BKG01@4.5'		
Lab Sample ID:	DA76859-3B	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.0
Project:	CDH: Suden 34U-403 WH		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/04/25	11/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44117

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4.5'		
Lab Sample ID:	DA76859-4	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.1
Project:	CDH: Suden 34U-403 WH		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.0	0.18	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	121	1.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.13	0.089	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.0	1.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.5	0.45	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.0	1.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.18	0.18	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.089	0.089	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.9	8.9	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19832
(2) Prep QC Batch: MP44118

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4.5'		
Lab Sample ID:	DA76859-4	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.1
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94.1		%	1	11/03/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH [a]	8.03		su	1	11/04/25 14:35	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.29	0.0010	mmhos/cm	1	11/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.42	0.42	mg/kg	1	12/03/25 15:01	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 11/04/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4.5'		
Lab Sample ID:	DA76859-4A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.1
Project:	CDH: Suden 34U-403 WH		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	38.8	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	8.80	3.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	11/04/25	11/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44150

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@4.5'		
Lab Sample ID:	DA76859-4A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.1
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.106		ratio	1	11/18/25 01:31	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:	BKG02@4.5'		
Lab Sample ID:	DA76859-4B	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.1
Project:	CDH: Suden 34U-403 WH		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/04/25	11/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44117

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4.5'		
Lab Sample ID:	DA76859-5	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.9
Project:	CDH: Suden 34U-403 WH		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.8	0.18	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	71.1	1.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.088	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.8	1.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.3	0.44	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.7	1.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.18	0.18	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.088	0.088	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	20.1	8.8	mg/kg	10	11/03/25	11/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19832
(2) Prep QC Batch: MP44118

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4.5'		
Lab Sample ID:	DA76859-5	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.9
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94.9		%	1	11/03/25	LM	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.85		su	1	11/04/25 21:14	GC	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	1.5	0.0010	mmhos/cm	1	11/04/25 21:22	GC	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.42	0.42	mg/kg	1	12/03/25 15:33	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 11/04/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4.5'		
Lab Sample ID:	DA76859-5A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.9
Project:	CDH: Suden 34U-403 WH		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	126	6.0	mg/l	1	11/17/25	11/19/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	40.4	3.0	mg/l	1	11/17/25	11/19/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	13.7	6.0	mg/l	1	11/17/25	11/19/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19853
(2) Prep QC Batch: MP44472

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@4.5'		
Lab Sample ID:	DA76859-5A	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.9
Project:	CDH: Suden 34U-403 WH		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.272		ratio	1	11/19/25 00:40	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:	BKG03@4.5'		
Lab Sample ID:	DA76859-5B	**Date Sampled:**	10/31/25
Matrix:	SO - Soil	**Date Received:**	10/31/25
		Percent Solids:	94.9
Project:	CDH: Suden 34U-403 WH		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	11/04/25	11/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19843
(2) Prep QC Batch: MP44117

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/ehsusa

Page 1 of 1

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job #: DA76859

Client / Reporting Information

Company: CDH Consulting
Street:
City, State ZIP:
Project Contact: David Steinbeck
Phone: 970-403-4108
Email: CDH Team 1
Sampler(s) Name(s): DT, N1

Project Information

Project Name: Suden 34U-403
Street:
City, State ZIP:
Project #:
Client Purchase Order #: WWRWR-A5029-ABN
Project Manager: Lauren Hoff

Billing Information (if different from Report to)

Company: Chevron-PDC
Street Address:
City, State ZIP
Attention:

Requested Analysis (see TEST CODE sheet)

Full Table 915-1
Table 915-1 Inorganics

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
D=dissolved metals
PD=Potentially dissolved
TR=Total recoverable

Field ID / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	NaHSO3	Full Table 915-1	Table 915-1 Inorganics	LAB USE ONLY
WH01-S@4'	10/31/25	15:33	DT	SO	3	X										X		
WC-1	10/31/25	15:48	N1	SO	3	X										X		
BKH01@4.5'	10/31/25	15:03	N1	SO	3	X											X	
BKG02@4.5'	10/31/25	14:41	N1	SO	3	X											X	
BKG03@4.5'	10/31/25	14:51	N1	SO	3	X											X	

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

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

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

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 CDH	10/31/25 16:51		2		2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact [ ] Not Intact [ ] Absent [ ]
Preserved where applicable [ ]
Cooler Temp. °C (corrected): 4.0 Therm. ID: T120 On Ice [Y]

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

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

DA76859: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: da76859 **Client:** CDH **Project:** SUDEN 34U-403

Date / Time Received: 10/31/2025 4:51:00 PM **Delivery Method:** co **Airbill #'s:**

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

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

Cooler 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

Test Strip Lot #s: pH 0-3: pH 10-12:

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

Other: (Specify)

Comments 8260 samples will be in freezer by 7PM.

SM001
Rev. Date 05/04/17

Technician: JADENC Date: 10/31/2025 6:06:09 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: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V24-MB	10V1708.D	1	11/07/25	MB	n/a	n/a	V0V24

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

DA76859-1, DA76859-2

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	ug/kg	
108-88-3	Toluene	1.7	2.0	ug/kg	J
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	2.1	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	88%	70-130%

Blank Spike Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V24-BS	10V1706.D	1	11/07/25	MB	n/a	n/a	V0V24

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

DA76859-1, DA76859-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	48.9	98	70-130
100-41-4	Ethylbenzene	50	48.9	98	70-130
108-88-3	Toluene	50	47.9	96	70-130
95-63-6	1,2,4-Trimethylbenzene	50	51.0	102	70-134
108-67-8	1,3,5-Trimethylbenzene	50	51.0	102	70-134
	m,p-Xylene	100	96.7	97	70-130
95-47-6	o-Xylene	50	49.7	99	70-136
1330-20-7	Xylene (total)	150	146	97	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	85%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V0V24-BS	10V1707.D	1	11/07/25	MB	n/a	n/a	V0V24

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

DA76859-1, DA76859-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1720	86	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	88%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76859-1MS	10V1711.D	1	11/07/25	MB	n/a	n/a	V0V24
DA76859-1MSD	10V1712.D	1	11/07/25	MB	n/a	n/a	V0V24
DA76859-1	10V1709.D	1	11/07/25	MB	n/a	n/a	V0V24

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

DA76859-1, DA76859-2

CAS No.	Compound	DA76859-1 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		55.9	42.3	76	55.9	38.8	69	9	44-150/44
100-41-4	Ethylbenzene	< 2.2		55.9	32.2	58	55.9	25.5	46	23	41-149/49
108-88-3	Toluene	< 2.2		55.9	37.7	67	55.9	31.8	57	17	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2		55.9	18.3	33	55.9	10.7	19* [a]	52	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2		55.9	26.7	48	55.9	16.0	29* [a]	50	30-161/60
	m,p-Xylene	< 2.2		112	52.5	47	112	36.8	33* [a]	35	36-152/49
95-47-6	o-Xylene	< 2.2		55.9	34.4	61	55.9	27.4	49	23	33-168/49
1330-20-7	Xylene (total)	< 2.2		168	86.9	52	168	64.2	38	30	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76859-1	Limits
1868-53-7	Dibromofluoromethane	100%	99%	94%	70-130%
2037-26-5	Toluene-D8	98%	100%	99%	70-130%
460-00-4	4-Bromofluorobenzene	106%	99%	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	89%	85%	86%	70-130%

(a) Outside control limits due to matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76859-2MS	10V1713.D	1	11/07/25	MB	n/a	n/a	V0V24
DA76859-2MSD	10V1714.D	1	11/07/25	MB	n/a	n/a	V0V24
DA76859-2	10V1710.D	1	11/07/25	MB	n/a	n/a	V0V24

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

DA76859-1, DA76859-2

CAS No.	Compound	DA76859-2 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		2200	1060	48	2180	1070	49	1	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76859-2	Limits
1868-53-7	Dibromofluoromethane	94%	99%	95%	70-130%
2037-26-5	Toluene-D8	100%	98%	97%	70-130%
460-00-4	4-Bromofluorobenzene	104%	103%	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	85%	90%	92%	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: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29141-MB	9G002284.D	1	11/02/25	TH	11/01/25	OP29141	E9G93

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

DA76859-1, DA76859-2

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

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	60%	22-138%
4165-60-0	Nitrobenzene-d5	69%	32-143%
1718-51-0	Terphenyl-d14	88%	48-149%

Blank Spike Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29141-BS	9G002285.D	1	11/02/25	TH	11/01/25	OP29141	E9G93

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

DA76859-1, DA76859-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	185	93	46-152
120-12-7	Anthracene	200	203	102	65-147
56-55-3	Benzo(a)anthracene	200	200	100	64-144
205-99-2	Benzo(b)fluoranthene	200	192	96	70-154
207-08-9	Benzo(k)fluoranthene	200	208	104	70-158
50-32-8	Benzo(a)pyrene	200	207	104	64-159
218-01-9	Chrysene	200	212	106	70-156
53-70-3	Dibenzo(a,h)anthracene	200	186	93	63-156
206-44-0	Fluoranthene	200	207	104	62-155
86-73-7	Fluorene	200	190	95	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	188	94	67-156
90-12-0	1-Methylnaphthalene	200	177	89	21-168
91-57-6	2-Methylnaphthalene	200	176	88	18-161
91-20-3	Naphthalene	200	180	90	2-173
129-00-0	Pyrene	200	206	103	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	78%	22-138%
4165-60-0	Nitrobenzene-d5	88%	32-143%
1718-51-0	Terphenyl-d14	89%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29141-MS	9G002286.D	1	11/02/25	TH	11/01/25	OP29141	E9G93
OP29141-MSD	9G002287.D	1	11/03/25	TH	11/01/25	OP29141	E9G93
DA76852-2	9G002288.D	1	11/03/25	TH	11/01/25	OP29141	E9G93

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

DA76859-1, DA76859-2

CAS No.	Compound	DA76852-2 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	< 4.3		211	163	77	202	168	83	3	30-148/32
120-12-7	Anthracene	< 4.3		211	194	92	202	184	91	5	40-148/33
56-55-3	Benzo(a)anthracene	< 5.4		211	188	89	202	178	88	5	44-144/32
205-99-2	Benzo(b)fluoranthene	< 4.3		211	181	86	202	170	84	6	36-166/43
207-08-9	Benzo(k)fluoranthene	< 4.3		211	197	94	202	188	93	5	43-165/41
50-32-8	Benzo(a)pyrene	< 4.3		211	197	94	202	186	92	6	41-161/37
218-01-9	Chrysene	< 4.3		211	202	96	202	194	96	4	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 4.3		211	180	86	202	172	85	5	42-155/36
206-44-0	Fluoranthene	< 4.3		211	192	91	202	184	91	4	40-151/34
86-73-7	Fluorene	< 4.3		211	182	86	202	176	87	3	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.3		211	179	85	202	168	83	6	41-156/37
90-12-0	1-Methylnaphthalene	< 4.3		211	142	67	202	150	74	5	23-149/36
91-57-6	2-Methylnaphthalene	< 4.3		211	138	66	202	145	72	5	18-144/35
91-20-3	Naphthalene	< 2.1		211	148	70	202	150	74	1	18-150/32
129-00-0	Pyrene	< 4.3		211	195	93	202	183	90	6	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA76852-2	Limits
321-60-8	2-Fluorobiphenyl	67%	73%	69%	22-138%
4165-60-0	Nitrobenzene-d5	67%	73%	64%	32-143%
1718-51-0	Terphenyl-d14	83%	86%	80%	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: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29152-MB	FP088778.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525

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

DA76859-1, DA76859-2

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	95%	20-142%

Blank Spike Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29152-BS1	FP088779.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525

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

DA76859-1, DA76859-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	216	108	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	103%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29152-BS2	FP088780.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525

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

DA76859-1, DA76859-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	236	118	70-138

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29152-MS1	FP088781.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525
OP29152-MSD1	FP088782.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525
DA76852-4	FP088785.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525

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

DA76859-1, DA76859-2

CAS No.	Compound	DA76852-4 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)	< 4.3		214	222	104	203	210	104	6	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76852-4	Limits
84-15-1	o-Terphenyl	100%	98%	96%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76859
Account: CHEVRCOG Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29152-MS2	FP088783.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525
OP29152-MSD2	FP088784.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525
DA76857-1	FP088786.D	1	11/06/25	JB	11/04/25	OP29152	GFP2525

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

DA76859-1, DA76859-2

CAS No.	Compound	DA76857-1 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)	16.8		218	301	131	218	292	126	3	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76857-1	Limits
84-15-1	o-Terphenyl	98%	99%	96%	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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	-3.5	<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 MP44117: DA76859-1B, DA76859-2B, DA76859-3B, DA76859-4B, DA76859-5B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			11/04/25					11/04/25	
Metal	DA76862-9B Original	DUP	RPD	QC Limits	DA76862-9B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	295	252	15.7	0-20	295	10100	10000	98.1	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 MP44117: DA76859-1B, DA76859-2B, DA76859-3B, DA76859-4B, DA76859-5B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25 11/04/25

Metal	DA76862-9B Original DUP	RPD	QC Limits	DA76862-9B 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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8470	10000	84.7	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 MP44117: DA76859-1B, DA76859-2B, DA76859-3B, DA76859-4B, DA76859-5B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	DA76862-9B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	59.0	61.9	4.9	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 MP44117: DA76859-1B, DA76859-2B, DA76859-3B, DA76859-4B, DA76859-5B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44117
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

	DA76862-9B		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44118
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 11/03/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.022	<0.20
Barium	2.0	.096	.24	0.058	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0020	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.030	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.032	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.0067	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0044	<0.20
Silver	0.10	.0081	.03	0.0018	<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	0.091	<10

Associated samples MP44118: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C

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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44118 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 11/03/25

Metal	DA76854-1 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	1.7	83.3	81.6	100.0	75-125
Barium	42.7	213	163	104.3	75-125
Beryllium					
Boron					
Cadmium	0.054	42.0	40.8	102.8	75-125
Calcium					
Chromium					
Cobalt					
Copper	3.2	45.1	40.8	102.7	75-125
Iron					
Lead	4.0	88.7	81.6	103.8	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	3.7	45.3	40.8	101.9	75-125
Phosphorus					
Potassium					
Selenium	0.085	81.8	81.6	100.1	75-125
Silver	0.023	13.9	16.3	85.0	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	12.7	55.0	40.8	103.6	75-125

Associated samples MP44118: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C

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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44118 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 11/03/25

Metal	DA76854-1 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	1.7	100	97.1	101.3	18.2	20
Barium	42.7	248	194	105.7	15.2	20
Beryllium						
Boron						
Cadmium	0.054	50.5	48.5	103.9	18.4	20
Calcium						
Chromium						
Cobalt						
Copper	3.2	53.5	48.5	103.6	17.0	20
Iron						
Lead	4.0	105	97.1	104.0	16.8	20
Magnesium						
Manganese						
Molybdenum						
Nickel	3.7	53.2	48.5	102.0	16.0	20
Phosphorus						
Potassium						
Selenium	0.085	97.2	97.1	100.0	17.2	20
Silver	0.023	16.7	19.4	85.9	18.3	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	12.7	63.2	48.5	104.0	13.9	20

Associated samples MP44118: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C

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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44118
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 11/03/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	100	100	100.0	80-120
Barium	201	200	100.5	80-120
Beryllium				
Boron				
Cadmium	50.6	50	101.2	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.6	50	101.2	80-120
Iron				
Lead	101	100	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	49.8	50	99.6	80-120
Phosphorus				
Potassium				
Selenium	99.8	100	99.8	80-120
Silver	16.8	20	84.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.6	50	99.2	80-120

Associated samples MP44118: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44118
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 11/03/25

Metal	DA76854-1 Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	20.7	21.3	2.9	0-20
Barium	523	522	0.2	0-20
Beryllium				
Boron				
Cadmium	0.666	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	39.0	38.5	1.4	0-20
Iron				
Lead	49.6	49.2	0.8	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	45.8	45.9	0.3	0-20
Phosphorus				
Potassium				
Selenium	1.04	0.00	100.0(a)	0-20
Silver	0.277	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	156	153	1.9	0-20

Associated samples MP44118: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C

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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

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	195	<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	-17	<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	-270	<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 MP44150: DA76859-1A, DA76859-2A, DA76859-3A, DA76859-4A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	DA76855-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	32800	366000	375000	88.9	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	4780	353000	375000	92.9	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	2490	335000	375000	88.7	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP44150: DA76859-1A, DA76859-2A, DA76859-3A, DA76859-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

Metal	DA76855-1A 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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	DA76855-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	32800	387000	375000	94.5	5.6	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	4780	373000	375000	98.2	5.5	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	2490	350000	375000	92.7	4.4	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP44150: DA76859-1A, DA76859-2A, DA76859-3A, DA76859-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	DA76855-1A 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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	344000	375000	91.7	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	353000	375000	94.1	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	337000	375000	89.9	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44150: DA76859-1A, DA76859-2A, DA76859-3A, DA76859-4A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/04/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

Metal	DA76855-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	2180	2250	2.8	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	319	311	2.3	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	166	101	39.2 (a)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44150: DA76859-1A, DA76859-2A, DA76859-3A, DA76859-4A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44150 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/04/25

	DA76855-1A		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).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/17/25

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	264	<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	0.0	<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	-330	<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 MP44472: DA76859-5A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/17/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/17/25

Metal	DA77058-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	186000	537000	375000	93.6	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	32700	391000	375000	95.5	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	174000	509000	375000	89.3	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP44472: DA76859-5A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/17/25

Metal	DA77058-1A 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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/17/25

Metal	DA77058-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	186000	551000	375000	97.3	2.6	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	32700	402000	375000	98.5	2.8	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	174000	520000	375000	92.3	2.1	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP44472: DA76859-5A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/17/25

Metal	DA77058-1A 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: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	354000	375000	94.4	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	359000	375000	95.7	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	349000	375000	93.1	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44472: DA76859-5A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 11/17/25

Metal	DA77058-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	12400	12500	1.0	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	2180	2270	4.0	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	11600	11600	0.4	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP44472: DA76859-5A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

QC Batch ID: MP44472
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 11/17/25

Metal	DA77058-1A Original SDL 1:5	%DIF	QC Limits

(anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39920/GN70424			mmhos/cm	1.409	1.4	102.3(a)	90-110%
Specific Conductivity	GP39926/GN70435			mmhos/cm	1.409	1.5	105.7(a)	90-110%

Associated Samples:
Batch GP39920: DA76859-3, DA76859-4, DA76859-1C, DA76859-2C
Batch GP39926: DA76859-5
(*) Outside of QC limits
(a) Saturated paste was generated on 11/04/25.

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76859
Account: CHEVRCOG - Chevron USA, Inc.
Project: CDH: Suden 34U-403 WH

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39920/GN70424	DA76855-1	mmhos/cm	0.19	0.18(a)	5.6(a)	0-20%
Specific Conductivity	GP39926/GN70435	DA76869-6	mmhos/cm	0.20	0.20(a)	4.0(a)	0-20%
pH	GN70415	DA76855-1	su	7.65	7.69(a)	0.5(a)	0-5%
pH	GN70434	DA76859-5	su	7.85	7.84(a)	0.1(a)	0-5%

Associated Samples:
Batch GN70415: DA76859-3, DA76859-4, DA76859-1C, DA76859-2C
Batch GN70434: DA76859-5
Batch GP39920: DA76859-3, DA76859-4, DA76859-1C, DA76859-2C
Batch GP39926: DA76859-5
(*) Outside of QC limits
(a) Saturated paste was generated on 11/04/25.

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS

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

FedEx Tracking # 7444-9079-4310 | Bottle Order Control # | SGS Quote # | SGS Job # DA76859

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)
Company Name: SGS North America Inc.	Project Name: CDH: Suden 34U-403	
Street Address: 4036 Youngfield Street	Street	Billing Information (If different from Report to)
City / State / Zip: Wheat Ridge, CO 8003:	City / State	Company Name
Project Contact / E-mail: parna.eskandaripayandeh@sgs.com	Project #	Street Address
Phone # / Fax #: 303-425-6021	Client Purchase Order #	City / State / Zip
Sampler(s) Name(s) / Phone: DT	Project Manager	Attention:

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1C	WH01-S@4'		10/31/25	3:33:00 PM	DT	SO										X	POD
2C	WC-1		10/31/25	3:48:00 PM	NI	SO										X	
3	BKG01@4.5'		10/31/25	3:03:00 PM	NI	SO										X	
4	BKG02@4.5'		10/31/25	2:41:00 PM	NI	SO										X	
5	BKG03@4.5'		10/31/25	2:51:00 PM	NI	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 11/14/2025

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 11-3-25
Label Verification

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	11-3-25	1 Fedex	2 Fedex	11/04	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4	10:20	4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable / Therm. ID:	On Ice	Cooler Temp.
5		5				#1	2-4

1250

10.1 10

DA76859: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: da76859 **Client:** SGS NORTH AMERICA INC **Project:** CDH: Suden 34U-403

Date / Time Received: 11/4/2025 10:20:00 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:	☑		☐	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 Preservation	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

DA76859: 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: DA76859
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Suden 34U-403

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP65875/GN76757	0.40	0.0	mg/kg	40	42.3	105.8	80-120%
Chromium, Hexavalent	GP65875/GN76757			mg/kg	882	929	105.4	80-120%

Associated Samples:
Batch GP65875: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76859
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Suden 34U-403

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP65875/GN76757	DA76857-2C	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP65875: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76859
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: CDH: Suden 34U-403

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP65875/GN76757	DA76857-2C	mg/kg	0.0	48.3	47.7	98.8(a)	75-125%
Chromium, Hexavalent	GP65875/GN76757	DA76857-2C	mg/kg	0.0	1290	1350	104.7(b)	75-125%

Associated Samples:
Batch GP65875: DA76859-3, DA76859-4, DA76859-5, DA76859-1C, DA76859-2C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (104.5%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.