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Automated Report

Technical Report for

Chevron/CDH

Wells Ranch USX AA11-25

REM#42447

SGS Job Number: DA77794

Sampling Date: 12/04/25

Report to:

Chevron USA, Inc.
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Greeley, CO 80634
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ATTN: David Stainback

Total number of pages in report: 79

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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SGS North America Inc.

Sample Summary

Chevron/CDH

Job No: DA77794

Wells Ranch USX AA11-25
Project No: REM#42447

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA77794-1	12/04/25	12:17	DT	12/04/25	SO	Soil	WH01-S@3'
DA77794-1A	12/04/25	12:17	DT	12/04/25	SO	Soil	WH01-S@3'
DA77794-1B	12/04/25	12:17	DT	12/04/25	SO	Soil	WH01-S@3'
DA77794-1C	12/04/25	12:17	DT	12/04/25	SO	Soil	WH01-S@3'
DA77794-2	12/04/25	12:25	DT	12/04/25	SO	Soil	BKG01@3.5'
DA77794-2A	12/04/25	12:25	DT	12/04/25	SO	Soil	BKG01@3.5'
DA77794-2B	12/04/25	12:25	DT	12/04/25	SO	Soil	BKG01@3.5'
DA77794-3	12/04/25	12:34	DT	12/04/25	SO	Soil	BKG02@3.5'
DA77794-3A	12/04/25	12:34	DT	12/04/25	SO	Soil	BKG02@3.5'
DA77794-3B	12/04/25	12:34	DT	12/04/25	SO	Soil	BKG02@3.5'
DA77794-4	12/04/25	12:19	DT	12/04/25	SO	Soil	BKG03@3.5'
DA77794-4A	12/04/25	12:19	DT	12/04/25	SO	Soil	BKG03@3.5'
DA77794-4B	12/04/25	12:19	DT	12/04/25	SO	Soil	BKG03@3.5'

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

Summary of Hits

Job Number: DA77794
Account: Chevron/CDH
Project: Wells Ranch USX AA11-25
Collected: 12/04/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA77794-1	**WH01-S@3'**					
Anthracene		0.0049	0.0044		mg/kg	SW846 8270E
Benzo(a)anthracene		0.0224	0.0055		mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.0260	0.0044		mg/kg	SW846 8270E
Benzo(k)fluoranthene		0.0077	0.0044		mg/kg	SW846 8270E
Benzo(a)pyrene		0.0193	0.0044		mg/kg	SW846 8270E
Chrysene		0.0197	0.0044		mg/kg	SW846 8270E
Dibenzo(a,h)anthracene		0.0048	0.0044		mg/kg	SW846 8270E
Fluoranthene		0.0477	0.0044		mg/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.0114	0.0044		mg/kg	SW846 8270E
Pyrene		0.0393	0.0044		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		5.80	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		9.95	6.4		mg/kg	SW846-8015C
DA77794-1A	**WH01-S@3'**					
Calcium		72.2	6.0		mg/l	SW846 6010C
Magnesium		11.7	3.0		mg/l	SW846 6010C
Sodium		7.20	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.207			ratio	USDA HANDBOOK 60
DA77794-1B	**WH01-S@3'**					
No hits reported in this sample.						
DA77794-1C	**WH01-S@3'**					
Arsenic		3.0	0.20		mg/kg	SW846 6020B
Barium		65.6	2.0		mg/kg	SW846 6020B
Cadmium		0.14	0.098		mg/kg	SW846 6020B
Copper		5.9	2.0		mg/kg	SW846 6020B
Lead		8.1	0.49		mg/kg	SW846 6020B
Nickel		4.4	2.0		mg/kg	SW846 6020B
Zinc		18.4	9.8		mg/kg	SW846 6020B
pH [b]		7.85			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		0.57	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA77794-2	**BKG01@3.5'**					
Arsenic		2.3	0.19		mg/kg	SW846 6020B
Barium		79.7	1.9		mg/kg	SW846 6020B
Copper		4.4	1.9		mg/kg	SW846 6020B
Lead		5.2	0.47		mg/kg	SW846 6020B
Nickel		3.4	1.9		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA77794
Account: Chevron/CDH
Project: Wells Ranch USX AA11-25
Collected: 12/04/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Zinc		13.3	9.5		mg/kg	SW846 6020B
pH [b]		8.16			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		0.24	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA77794-2A	**BKG01@3.5'**					
Calcium		36.1	6.0		mg/l	SW846 6010C
Magnesium		6.08	3.0		mg/l	SW846 6010C
Sodium		6.00	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.243			ratio	USDA HANDBOOK 60
DA77794-2B	**BKG01@3.5'**					
No hits reported in this sample.						
DA77794-3	**BKG02@3.5'**					
Arsenic		5.2	0.21		mg/kg	SW846 6020B
Barium		122	2.1		mg/kg	SW846 6020B
Cadmium		0.30	0.10		mg/kg	SW846 6020B
Copper		17.5	2.1		mg/kg	SW846 6020B
Lead		19.5	0.52		mg/kg	SW846 6020B
Nickel		11.9	2.1		mg/kg	SW846 6020B
Selenium		0.31	0.21		mg/kg	SW846 6020B
Zinc		58.2	10		mg/kg	SW846 6020B
pH [b]		8.11			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]		0.47	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA77794-3A	**BKG02@3.5'**					
Calcium		42.5	6.0		mg/l	SW846 6010C
Magnesium		17.6	3.0		mg/l	SW846 6010C
Sodium		29.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.944			ratio	USDA HANDBOOK 60
DA77794-3B	**BKG02@3.5'**					
Boron		0.301	0.25		mg/l	SW846 6010C
DA77794-4	**BKG03@3.5'**					
Arsenic		5.0	0.21		mg/kg	SW846 6020B
Barium		119	2.1		mg/kg	SW846 6020B
Cadmium		0.27	0.10		mg/kg	SW846 6020B
Copper		17.9	2.1		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA77794
Account: Chevron/CDH
Project: Wells Ranch USX AA11-25
Collected: 12/04/25

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Lead	17.6	0.52		mg/kg	SW846 6020B
Nickel	11.2	2.1		mg/kg	SW846 6020B
Selenium	0.26	0.21		mg/kg	SW846 6020B
Zinc	51.8	10		mg/kg	SW846 6020B
pH [b]	7.88			su	WREP-125,4E-SATPASTE
Specific Conductivity [b]	0.82	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA77794-4A BKG03@3.5'					
Calcium	66.2	6.0		mg/l	SW846 6010C
Magnesium	32.3	3.0		mg/l	SW846 6010C
Sodium	46.2	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]	1.16			ratio	USDA HANDBOOK 60
DA77794-4B BKG03@3.5'					
Boron	0.374	0.25		mg/l	SW846 6010C

(a) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(b) Saturated paste was generated on 12/06/25.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WH01-S@3'		
Lab Sample ID:	DA77794-1	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
Method:	SW846 8260D	**Percent Solids:**	89.8
Project:	Wells Ranch USX AA11-25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V42093.D	1	12/09/25 21:39	MB	n/a	n/a	V4V2040
Run #2							

	Initial Weight	Final Volume
Run #1	5.15 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)	< 0.22	0.22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	117%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		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@3'		
Lab Sample ID:	DA77794-1	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.8
Project:	Wells Ranch USX AA11-25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9G003602.D	1	12/06/25 18:43	ZL	12/06/25 16:30	OP29484	E9G139
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	0.0049	0.0044	mg/kg	
56-55-3	Benzo(a)anthracene	0.0224	0.0055	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.0260	0.0044	mg/kg	
207-08-9	Benzo(k)fluoranthene	0.0077	0.0044	mg/kg	
50-32-8	Benzo(a)pyrene	0.0193	0.0044	mg/kg	
218-01-9	Chrysene	0.0197	0.0044	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	0.0048	0.0044	mg/kg	
206-44-0	Fluoranthene	0.0477	0.0044	mg/kg	
86-73-7	Fluorene	< 0.0044	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	0.0114	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0044	0.0044	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	0.0393	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	95%		22-138%
4165-60-0	Nitrobenzene-d5	114%		32-143%
1718-51-0	Terphenyl-d14	93%		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@3'		
Lab Sample ID:	DA77794-1	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.8
Project:	Wells Ranch USX AA11-25		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN98352.D	1	12/09/25 06:53	JB	12/05/25 10:30	OP29481	GFN578
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	5.80	4.3	mg/kg	
	TPH-ORO (> C28-C36)	9.95	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	90%		44-149%

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@3'		
Lab Sample ID:	DA77794-1A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	89.8
Project:	Wells Ranch USX AA11-25		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	72.2	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.7	3.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	7.20	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19948
(2) Prep QC Batch: MP44888

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01-S@3'		
Lab Sample ID:	DA77794-1A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	89.8
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.207		ratio	1	12/10/25 19:11	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@3'		
Lab Sample ID:	DA77794-1B	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	89.8
Project:	Wells Ranch USX AA11-25		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	12/08/25	12/15/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19969
(2) Prep QC Batch: MP44898

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01-S@3'		
Lab Sample ID:	DA77794-1C	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	89.8
Project:	Wells Ranch USX AA11-25		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.20	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	65.6	2.0	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.14	0.098	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.9	2.0	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.1	0.49	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.4	2.0	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.098	0.098	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	18.4	9.8	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19968
(2) Prep QC Batch: MP44899

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WH01-S@3'		
Lab Sample ID:	DA77794-1C	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	89.8
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
pH-saturated paste method							
pH [a]	7.85		su	1	12/06/25 13:21	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.57	0.0010	mmhos/cm	1	12/06/25 13:21	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.45	0.45	mg/kg	1	12/30/25 15:38	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 12/06/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3.5'		
Lab Sample ID:	DA77794-2	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	97.0
Project:	Wells Ranch USX AA11-25		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.19	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	79.7	1.9	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.095	0.095	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.4	1.9	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.2	0.47	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.4	1.9	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.19	0.19	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.095	0.095	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.3	9.5	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19968
(2) Prep QC Batch: MP44899

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3.5'		
Lab Sample ID:	DA77794-2	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	97.0
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	97		%	1	12/08/25	SN	SM2540G-2011 M
pH-saturated paste method							
pH [a]	8.16		su	1	12/06/25 13:21	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.24	0.0010	mmhos/cm	1	12/06/25 13:21	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.42	0.42	mg/kg	1	12/30/25 14:58	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 12/06/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3.5'		
Lab Sample ID:	DA77794-2A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	97.0
Project:	Wells Ranch USX AA11-25		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	36.1	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	6.08	3.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	6.00	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19948
(2) Prep QC Batch: MP44888

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3.5'		
Lab Sample ID:	DA77794-2A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	97.0
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.243		ratio	1	12/10/25 19:25	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@3.5'		
Lab Sample ID:	DA77794-2B	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	97.0
Project:	Wells Ranch USX AA11-25		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.25	0.25	mg/l	1	12/08/25	12/15/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19969
(2) Prep QC Batch: MP44898

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@3.5'		
Lab Sample ID:	DA77794-3	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	90.4
Project:	Wells Ranch USX AA11-25		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.2	0.21	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	122	2.1	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.30	0.10	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	17.5	2.1	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	19.5	0.52	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.9	2.1	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.31	0.21	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	58.2	10	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19968
(2) Prep QC Batch: MP44899

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@3.5'		
Lab Sample ID:	DA77794-3	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	90.4
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.4		%	1	12/08/25	SN	SM2540G-2011 M
pH-saturated paste method							
pH [a]	8.11		su	1	12/06/25 13:21	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.47	0.0010	mmhos/cm	1	12/06/25 13:21	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.44	0.44	mg/kg	1	12/30/25 15:06	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 12/06/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@3.5'		
Lab Sample ID:	DA77794-3A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	90.4
Project:	Wells Ranch USX AA11-25		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	42.5	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	17.6	3.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	29.0	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19948
(2) Prep QC Batch: MP44888

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG02@3.5'		
Lab Sample ID:	DA77794-3A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	90.4
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.944		ratio	1	12/10/25 19:27	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@3.5'		
Lab Sample ID:	DA77794-3B	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	90.4
Project:	Wells Ranch USX AA11-25		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.301	0.25	mg/l	1	12/08/25	12/15/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19969
(2) Prep QC Batch: MP44898

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3.5'		
Lab Sample ID:	DA77794-4	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	88.6
Project:	Wells Ranch USX AA11-25		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.0	0.21	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	119	2.1	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.27	0.10	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	17.9	2.1	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	17.6	0.52	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.2	2.1	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.26	0.21	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	51.8	10	mg/kg	10	12/08/25	12/15/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19968
(2) Prep QC Batch: MP44899

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3.5'		
Lab Sample ID:	DA77794-4	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	88.6
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	88.6		%	1	12/08/25	SN	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.88		su	1	12/06/25 13:21	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity [a]	0.82	0.0010	mmhos/cm	1	12/06/25 13:21	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	< 0.47	0.47	mg/kg	1	12/30/25 15:30	ANJ	SW846 3060A/7199

(a) Saturated paste was generated on 12/06/25.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3.5'		
Lab Sample ID:	DA77794-4A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	88.6
Project:	Wells Ranch USX AA11-25		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	66.2	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	32.3	3.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	46.2	6.0	mg/l	1	12/08/25	12/10/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19948
(2) Prep QC Batch: MP44888

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG03@3.5'		
Lab Sample ID:	DA77794-4A	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	88.6
Project:	Wells Ranch USX AA11-25		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.16		ratio	1	12/10/25 19:28	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:	BKG03@3.5'		
Lab Sample ID:	DA77794-4B	**Date Sampled:**	12/04/25
Matrix:	SO - Soil	**Date Received:**	12/04/25
		Percent Solids:	88.6
Project:	Wells Ranch USX AA11-25		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	0.374	0.25	mg/l	1	12/08/25	12/15/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19969
(2) Prep QC Batch: MP44898

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS

CHAIN OF CUSTODY

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

Page 1 of 1 DA77794

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA77794

Client / Reporting Information

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

Project Information

- Project Name: Wells Ranch USX AA11-25
- Street:
- City, State ZIP:
- Project #: REM#42447
- Client Purchase Order #: UWKWE-AS198-ABN
- Project Manager: Dan Peterson

Billing Information (if different from Report to)

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

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

Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	Full Table 915-1	Table 915-1 Inorganics	LAB USE ONLY
WH01-S@3'	12/4/25	12:17	DT	SO	3	X										X		
BKG01@3.5'		12:25	SHG	SO	3	X											X	
BKG02@3.5'		12:34	SHG	SO	3	X											X	
BKG03@3.5'	↓	12:19	SHG	SO	3	X											X	

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

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 [signature] CDH	12/4/25 11:48	1 [signature] SGS	2 [signature] SGS		2 [signature] 12-4-25 1820
Relinquished by/Affiliation: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact [ ] Not intact [ ] Absent [ ] | Preserved where applicable [ ] | Cooler Temp. °C (corrected): 4.4 | Therm. ID: A17 | On Ice [✓] | 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

DA77794: Chain of Custody
Page 1 of 2

SGS Sample Receipt Summary

Job Number: da77794 **Client:** CDH **Project:** WELLS RANCH USX AA11-25

Date / Time Received: 12/4/2025 6:30:00 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?	☐		☑	☐

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: VALENTIN Date: 12/4/2025 5:24:34 PM Reviewer: _____ Date: _____

DA77794: Chain of Custody
Page 2 of 2

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: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2040-MB	4V42072.D	1	12/09/25	MB	n/a	n/a	V4V2040

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

DA77794-1

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	107%	70-130%

Blank Spike Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2040-BS	4V42070.D	1	12/09/25	MB	n/a	n/a	V4V2040

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

DA77794-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	43.2	86	70-130
100-41-4	Ethylbenzene	50	52.1	104	70-130
108-88-3	Toluene	50	44.1	88	70-130
95-63-6	1,2,4-Trimethylbenzene	50	52.8	106	70-134
108-67-8	1,3,5-Trimethylbenzene	50	52.5	105	70-134
	m,p-Xylene	100	105	105	70-130
95-47-6	o-Xylene	50	52.7	105	70-136
1330-20-7	Xylene (total)	150	158	105	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	107%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V2040-BS	4V42071.D	1	12/09/25	MB	n/a	n/a	V4V2040

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

DA77794-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2130	107	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	94%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77795-1MS	4V42075.D	1	12/09/25	MB	n/a	n/a	V4V2040
DA77795-1MSD	4V42076.D	1	12/09/25	MB	n/a	n/a	V4V2040
DA77795-1	4V42073.D	1	12/09/25	MB	n/a	n/a	V4V2040

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

DA77794-1

CAS No.	Compound	DA77795-1 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	< 1.2		59.5	47.8	80	59.5	53.0	89	10	44-150/44
100-41-4	Ethylbenzene	< 2.4		59.5	58.2	98	59.5	63.6	107	9	41-149/49
108-88-3	Toluene	< 2.4		59.5	49.4	83	59.5	54.9	92	11	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.4		59.5	57.8	97	59.5	63.6	107	10	26-164/57
108-67-8	1,3,5-Trimethylbenzene	1.9		59.5	64.6	105	59.5	67.5	110	4	30-161/60
	m,p-Xylene	< 2.4		119	116	97	119	129	108	11	36-152/49
95-47-6	o-Xylene	< 2.4		59.5	61.0	103	59.5	68.4	115	11	33-168/49
1330-20-7	Xylene (total)	< 2.4		178	177	99	178	197	110	11	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA77795-1	Limits
1868-53-7	Dibromofluoromethane	105%	105%	104%	70-130%
2037-26-5	Toluene-D8	95%	97%	94%	70-130%
460-00-4	4-Bromofluorobenzene	110%	107%	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	104%	102%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA77795-2MS	4V42077.D	1	12/09/25	MB	n/a	n/a	V4V2040
DA77795-2MSD	4V42078.D	1	12/09/25	MB	n/a	n/a	V4V2040
DA77795-2	4V42074.D	1	12/09/25	MB	n/a	n/a	V4V2040

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

DA77794-1

CAS No.	Compound	DA77795-2 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)	< 200		2070	1860	90	2050	1790	87	4	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA77795-2	Limits
1868-53-7	Dibromofluoromethane	101%	108%	106%	70-130%
2037-26-5	Toluene-D8	97%	98%	92%	70-130%
460-00-4	4-Bromofluorobenzene	106%	98%	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	109%	104%	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: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29484-MB	9G003598.D	1	12/06/25	ZL	12/06/25	OP29484	E9G139

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

DA77794-1

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

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	91%	22-138%
4165-60-0	Nitrobenzene-d5	112%	32-143%
1718-51-0	Terphenyl-d14	106%	48-149%

Blank Spike Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29484-BS	9G003599.D	1	12/06/25	ZL	12/06/25	OP29484	E9G139

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

DA77794-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	211	106	46-152
120-12-7	Anthracene	200	229	115	65-147
56-55-3	Benzo(a)anthracene	200	215	108	64-144
205-99-2	Benzo(b)fluoranthene	200	216	108	70-154
207-08-9	Benzo(k)fluoranthene	200	211	106	70-158
50-32-8	Benzo(a)pyrene	200	222	111	64-159
218-01-9	Chrysene	200	226	113	70-156
53-70-3	Dibenzo(a,h)anthracene	200	205	103	63-156
206-44-0	Fluoranthene	200	228	114	62-155
86-73-7	Fluorene	200	216	108	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	204	102	67-156
90-12-0	1-Methylnaphthalene	200	193	97	21-168
91-57-6	2-Methylnaphthalene	200	190	95	18-161
91-20-3	Naphthalene	200	206	103	2-173
129-00-0	Pyrene	200	223	112	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	89%	22-138%
4165-60-0	Nitrobenzene-d5	115%	32-143%
1718-51-0	Terphenyl-d14	93%	48-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29484-MS	9G003600.D	1	12/06/25	ZL	12/06/25	OP29484	E9G139
OP29484-MSD	9G003601.D	1	12/06/25	ZL	12/06/25	OP29484	E9G139
DA77794-1	9G003602.D	1	12/06/25	ZL	12/06/25	OP29484	E9G139

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

DA77794-1

CAS No.	Compound	DA77794-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	2.2		218	225	102	218	236	107	5	30-148/32
120-12-7	Anthracene	4.9		218	242	109	218	254	114	5	40-148/33
56-55-3	Benzo(a)anthracene	22.4		218	233	96	218	241	100	3	44-144/32
205-99-2	Benzo(b)fluoranthene	26.0		218	213	86	218	225	91	5	36-166/43
207-08-9	Benzo(k)fluoranthene	7.7		218	202	89	218	211	93	4	43-165/41
50-32-8	Benzo(a)pyrene	19.3		218	225	94	218	230	96	2	41-161/37
218-01-9	Chrysene	19.7		218	237	100	218	245	103	3	52-152/32
53-70-3	Dibenzo(a,h)anthracene	4.8		218	196	88	218	203	91	4	42-155/36
206-44-0	Fluoranthene	47.7		218	262	98	218	283	108	8	40-151/34
86-73-7	Fluorene	< 4.4		218	235	108	218	245	112	4	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	11.4		218	192	83	218	195	84	2	41-156/37
90-12-0	1-Methylnaphthalene	< 4.4		218	203	93	218	213	98	5	23-149/36
91-57-6	2-Methylnaphthalene	< 4.4		218	201	92	218	212	97	5	18-144/35
91-20-3	Naphthalene	< 2.2		218	218	100	218	222	102	2	18-150/32
129-00-0	Pyrene	39.3		218	253	98	218	273	107	8	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA77794-1	Limits
321-60-8	2-Fluorobiphenyl	88%	93%	95%	22-138%
4165-60-0	Nitrobenzene-d5	106%	114%	114%	32-143%
1718-51-0	Terphenyl-d14	89%	92%	93%	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: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29481-MB	FN98326.D	1	12/09/25	JB	12/05/25	OP29481	GFN578

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

DA77794-1

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

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	85%	44-149%

Blank Spike Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29481-BS1	FN98327.D	1	12/09/25	JB	12/05/25	OP29481	GFN578

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

DA77794-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	165	83	66-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	91%	44-149%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29481-BS2	FN98328.D	1	12/09/25	JB	12/05/25	OP29481	GFN578

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

DA77794-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	160	80	49-160

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	92%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29481-MS1	FN98329.D	1	12/09/25	JB	12/05/25	OP29481	GFN578
OP29481-MSD1	FN98330.D	1	12/09/25	JB	12/05/25	OP29481	GFN578
DA77779-1	FN98333.D	1	12/09/25	JB	12/05/25	OP29481	GFN578

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

DA77794-1

CAS No.	Compound	DA77779-1 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)	< 4.8		237	220	93	237	221	93	0	34-156/36

CAS No.	Surrogate Recoveries	MS	MSD	DA77779-1	Limits
84-15-1	o-Terphenyl	92%	98%	85%	44-149%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA77794
Account: CHEVCDH Chevron/CDH
Project: Wells Ranch USX AA11-25

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP29481-MS2	FN98331.D	1	12/09/25	JB	12/05/25	OP29481	GFN578
OP29481-MSD2	FN98332.D	1	12/09/25	JB	12/05/25	OP29481	GFN578
DA77797-3	FN98334.D	1	12/09/25	JB	12/05/25	OP29481	GFN578

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

DA77794-1

CAS No.	Compound	DA77797-3 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)	< 7.2		238	186	78	241	204	85	9	24-189/30

CAS No.	Surrogate Recoveries	MS	MSD	DA77797-3	Limits
84-15-1	o-Terphenyl	84%	91%	90%	44-149%

* = 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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44888
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	71	230		
Arsenic	380	68	69		
Barium	150	3	20		
Beryllium	150	2.3	20		
Boron	750	160	95		
Cadmium	150	5.3	20		
Calcium	6000	100	750	18.0	<6000
Chromium	150	9.4	20		
Cobalt	75	11	9.5		
Copper	150	6.9	20		
Iron	1100	41	180		
Lithium	75	7.5	20		
Magnesium	3000	330	380	75.0	<3000
Manganese	75	7.3	9.5		
Molybdenum	150	29	42		
Potassium	15000	380	1900		
Silver	450	14	57		
Sodium	6000	67	750	300	<6000

Associated samples MP44888: DA77794-1A, DA77794-2A, DA77794-3A, DA77794-4A

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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44888 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 12/08/25

Metal	DA77794-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	72200	436000	375000	97.0	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lithium					
Magnesium	11700	366000	375000	94.5	75-125
Manganese					
Molybdenum					
Potassium					
Silver					
Sodium	7200	354000	375000	92.5	75-125

Associated samples MP44888: DA77794-1A, DA77794-2A, DA77794-3A, DA77794-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44888
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	DA77794-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	72200	453000	375000	101.5	3.8	20
Chromium						
Cobalt						
Copper						
Iron						
Lithium						
Magnesium	11700	381000	375000	98.5	4.0	20
Manganese						
Molybdenum						
Potassium						
Silver						
Sodium	7200	366000	375000	95.7	3.3	20

Associated samples MP44888: DA77794-1A, DA77794-2A, DA77794-3A, DA77794-4A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44888
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	373000	375000	99.5	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	360000	375000	96.0	80-120
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	349000	375000	93.1	80-120

Associated samples MP44888: DA77794-1A, DA77794-2A, DA77794-3A, DA77794-4A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44888
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	DA77794-1A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4810	4880	1.4	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lithium				
Magnesium	782	864	10.5 (a)	0-10
Manganese				
Molybdenum				
Potassium				
Silver				
Sodium	480	520	8.3	0-10

Associated samples MP44888: DA77794-1A, DA77794-2A, DA77794-3A, DA77794-4A

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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

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	23.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP44898: DA77794-1B, DA77794-2B, DA77794-3B, DA77794-4B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25 12/08/25

Metal	DA77828-24B Original	DUP	RPD	QC Limits	DA77828-24B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	107	98.5	8.3	0-20	107	9870	10000	97.6	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 MP44898: DA77794-1B, DA77794-2B, DA77794-3B, DA77794-4B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			12/08/25				12/08/25
Metal	DA77828-24B Original DUP	RPD	QC Limits	DA77828-24B 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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9060	10000	90.6	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 MP44898: DA77794-1B, DA77794-2B, DA77794-3B, DA77794-4B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	DA77828-24B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	21.3	23.4	9.9	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 MP44898: DA77794-1B, DA77794-2B, DA77794-3B, DA77794-4B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44898
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 12/08/25

Metal	DA77828-24B Original SDL 1:5	%DIF	QC Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44899
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 12/08/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.1	5		
Antimony	0.40	.0027	.05		
Arsenic	0.20	.004	.05	0.055	<0.20
Barium	2.0	.081	.24	0.017	<2.0
Beryllium	0.20	.015	.04		
Boron	40	8.2	10		
Cadmium	0.10	.024	.04	0.0090	<0.10
Calcium	400	.13	30		
Chromium	2.0	.038	.6		
Cobalt	0.20	.0016	.025		
Copper	2.0	.23	.25	1.9	* (a)
Iron	20	.069	15		
Lead	0.50	.0078	.2	0.014	<0.50
Magnesium	100	.12	10		
Manganese	1.0	.0099	.2		
Molybdenum	1.0	.0029	.27		
Nickel	2.0	.029	.2	0.019	<2.0
Phosphorus	60	21	25		
Potassium	200	1.7	25		
Selenium	0.20	.0096	.05	0.011	<0.20
Silver	0.10	.001	.03	0.0030	<0.10
Sodium	500	1.2	30		
Strontium	20	.0047	1		
Thallium	0.20	.0028	.04		
Tin	10	.027	4		
Titanium	2.0	.0065	.3		
Uranium	0.20	.001	.1		
Vanadium	1.0	.035	.2		
Zinc	10	.1	1	2.1	<10

Associated samples MP44899: DA77794-2, DA77794-3, DA77794-4, DA77794-1C

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) Element detected in the MB greater than 1/2 the reporting limit. Reported samples are less than 1/2 the project screening limits, ND, or >10x the result of the MB.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44899
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 12/08/25

Metal	DA77794-1C Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	3.0	105	105	97.1	75-125
Barium	65.6	283	210	103.5	75-125
Beryllium					
Boron					
Cadmium	0.14	56.6	52.5	107.5	75-125
Calcium					
Chromium					
Cobalt					
Copper	5.9	57.6	52.5	98.4	75-125
Iron					
Lead	8.1	127	105	113.2	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	4.4	56.1	52.5	98.4	75-125
Phosphorus					
Potassium					
Selenium	0.12	98.0	105	93.2	75-125
Silver	0.026	22.4	21	106.5	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	18.4	71.8	52.5	101.7	75-125

Associated samples MP44899: DA77794-2, DA77794-3, DA77794-4, DA77794-1C

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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44899 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 12/08/25

Metal	DA77794-1C Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.0	96.8	97.7	96.0	8.1	20
Barium	65.6	261	195	100.0	8.1	20
Beryllium						
Boron						
Cadmium	0.14	52.5	48.8	107.2	7.5	20
Calcium						
Chromium						
Cobalt						
Copper	5.9	53.1	48.8	96.6	8.1	20
Iron						
Lead	8.1	115	97.7	109.4	9.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel	4.4	51.5	48.8	96.4	8.6	20
Phosphorus						
Potassium						
Selenium	0.12	91.2	97.7	93.2	7.2	20
Silver	0.026	20.7	19.5	105.8	7.9	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	18.4	67.4	48.8	100.3	6.3	20

Associated samples MP44899: DA77794-2, DA77794-3, DA77794-4, DA77794-1C

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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44899
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 12/08/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	106	100	106.0	80-120
Barium	205	200	102.5	80-120
Beryllium				
Boron				
Cadmium	51.5	50	103.0	80-120
Calcium				
Chromium				
Cobalt				
Copper	54.2	50	108.4	80-120
Iron				
Lead	109	100	109.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	52.2	50	104.4	80-120
Phosphorus				
Potassium				
Selenium	103	100	103.0	80-120
Silver	20.4	20	102.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	53.7	50	107.4	80-120

Associated samples MP44899: DA77794-2, DA77794-3, DA77794-4, DA77794-1C

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

QC Batch ID: MP44899
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 12/08/25

Metal	DA77794-1C Original	SDL 10	50%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	30.3	33.1	9.3	0-20
Barium	672	692	3.0	0-20
Beryllium				
Boron				
Cadmium	1.44	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	60.4	67.1	11.0	0-20
Iron				
Lead	82.9	84.2	1.5	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	44.9	51.2	14.0	0-20
Phosphorus				
Potassium				
Selenium	1.22	1.72	41.5 (a)	0-20
Silver	0.269	0.358	33.1 (a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	188	211	12.2	0-20

Associated samples MP44899: DA77794-2, DA77794-3, DA77794-4, DA77794-1C

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).

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: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP40192/GN71234			mmhos/cm	1.409	1.4	99.6(a)	90-110%

Associated Samples:
Batch GP40192: DA77794-2, DA77794-3, DA77794-4, DA77794-1C
(*) Outside of QC limits
(a) Saturated paste was generated on 12/06/25.

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77794
Account: CHEVCDH - Chevron/CDH
Project: Wells Ranch USX AA11-25

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP40192/GN71234	DA77800-2C	mmhos/cm	4.6	4.6(a)	1.1(a)	0-20%
pH	GN71233	DA77794-1C	su	7.85	7.89(a)	0.5(a)	0-5%

Associated Samples:
Batch GN71233: DA77794-2, DA77794-3, DA77794-4, DA77794-1C
Batch GP40192: DA77794-2, DA77794-3, DA77794-4, DA77794-1C
(*) Outside of QC limits
(a) Saturated paste was generated on 12/06/25.

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

SO

FED EX Tracking # 4903 6279 7306 | Bottle Order Control # | SGS Quote # | SGS Job # DA77794

Client / Reporting Information

Company Name: SGS North America Inc.
Street Address: 4036 Youngfield Street
City / State / Zip: Wheat Ridge, CO 80033
Project Contact / E-mail: Kristin.Degraw@sgs.com
Phone # / Fax #: 303-425-6021
Sampler(s) Name(s) / Phone: DT

Project Information

Project Name: Wells Ranch USX AA11-25
Street
City / State
Project #
Client Purchase Order #
Project Manager

Billing Information (if different from Report to)

Company Name
Street Address
City / State / Zip
Attention:

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1C	WH01-S@3'		12/4/25	12:17:00 PM	DT	SO										X	
2	BKG01@3.5'		12/4/25	12:25:00 PM	DT	SO										X	
3	BKG02@3.5'		12/4/25	12:34:00 PM	DT	SO										X	
4	BKG03@3.5'		12/4/25	12:19:00 PM	DT	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 12/18/2025

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

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: 12/15/25	Received By: 1 fx	Relinquished By: 2 fx	Date Time: 12/16/25 1000	Received By: 2
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not Intact	Preserved where applicable ☐ Therm. ID:	On Ice ☑	Cooler Temp. 2.0 C 1.00

10.1 10

DA77794: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: da77794 **Client:** SGS NORTH AMERICA INC **Project:** Wells Ranch USX AA11-25

Date / Time Received: 12/6/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.1);

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

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

Quality Control 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

DA77794: 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: DA77794
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVCDH: Wells Ranch USX AA11-25

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP66536/GN77808	0.40	0.0	mg/kg	40	39.9	99.8	80-120%
Chromium, Hexavalent	GP66536/GN77808			mg/kg	1060	1010	95.7	80-120%

Associated Samples:
Batch GP66536: DA77794-2, DA77794-3, DA77794-4, DA77794-1C
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77794
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVCDH: Wells Ranch USX AA11-25

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP66536/GN77808	DA77789-3	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP66536: DA77794-2, DA77794-3, DA77794-4, DA77794-1C
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA77794
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVCDH: Wells Ranch USX AA11-25

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP66536/GN77808	DA77789-3	mg/kg	0.0	44	40.3	91.5(a)	75-125%
Chromium, Hexavalent	GP66536/GN77808	DA77789-3	mg/kg	0.0	696	650	93.3(b)	75-125%

Associated Samples:
Batch GP66536: DA77794-2, DA77794-3, DA77794-4, DA77794-1C
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (102.2%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.