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

e-Hardcopy 2.0
Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: NENE 15-6N-64W Speicher TB LOL

10457

SGS Job Number: DA72330

Sampling Date: 05/13/25

Report to:

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

ATTN: Eric Vonde

Total number of pages in report: 142

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

Eric Hoffman

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

June 4, 2025

Jason Davidson
Chevron U.S.A. Inc.
2115 117th Avenue
Greeley, CO 80634

Subject: Report Reissue for SGS Job: Multiple Jobs

Dear Jason Davidson,

This revised report includes the updated methods and units in accordance with ECMC standards. Please accept our apologies for any inconvenience this may have caused you.

Any questions or concerns should be directed to the undersigned at 303-425-6021.

Sincerely,

Eric Hoffman
General Manager

Sections: 1 2 3 4 5 6 7 8 9 10 11 12 13 14

Table of Contents

Table of Contents

SGS North America Inc.

Sample Summary

Chevron USA, Inc.

Job No: DA72330

TASMCOA: NENE 15-6N-64W Speicher TB LOL
Project No: 10457

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72330-1	05/13/25	09:21	MR	05/13/25	SO	Soil	AST01@0-10"
DA72330-1A	05/13/25	09:21	MR	05/13/25	SO	Soil	AST01@0-10"
DA72330-1B	05/13/25	09:21	MR	05/13/25	SO	Soil	AST01@0-10"
DA72330-2	05/13/25	12:15	MR	05/13/25	SO	Soil	PWV01-N@3'
DA72330-2A	05/13/25	12:15	MR	05/13/25	SO	Soil	PWV01-N@3'
DA72330-2B	05/13/25	12:15	MR	05/13/25	SO	Soil	PWV01-N@3'
DA72330-6	05/13/25	12:07	MR	05/13/25	SO	Soil	PWV01-B@5'
DA72330-6A	05/13/25	12:07	MR	05/13/25	SO	Soil	PWV01-B@5'
DA72330-6B	05/13/25	12:07	MR	05/13/25	SO	Soil	PWV01-B@5'
DA72330-7	05/13/25	11:53	MR	05/13/25	SO	Soil	SEP01-DL@3'
DA72330-7A	05/13/25	11:53	MR	05/13/25	SO	Soil	SEP01-DL@3'
DA72330-7B	05/13/25	11:53	MR	05/13/25	SO	Soil	SEP01-DL@3'

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA72330

TASMCOA: NENE 15-6N-64W Speicher TB LOL
Project No: 10457

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72330-8	05/13/25	11:50	MR	05/13/25	SO	Soil	SEP01-FL@3'
DA72330-8A	05/13/25	11:50	MR	05/13/25	SO	Soil	SEP01-FL@3'
DA72330-8B	05/13/25	11:50	MR	05/13/25	SO	Soil	SEP01-FL@3'
DA72330-9	05/13/25	12:50	MR	05/13/25	SO	Soil	BKG01@0-6"
DA72330-9A	05/13/25	12:50	MR	05/13/25	SO	Soil	BKG01@0-6"
DA72330-9B	05/13/25	12:50	MR	05/13/25	SO	Soil	BKG01@0-6"
DA72330-10	05/13/25	12:54	MR	05/13/25	SO	Soil	BKG01@3'
DA72330-10A	05/13/25	12:54	MR	05/13/25	SO	Soil	BKG01@3'
DA72330-10B	05/13/25	12:54	MR	05/13/25	SO	Soil	BKG01@3'
DA72330-11	05/13/25	12:58	MR	05/13/25	SO	Soil	BKG01@5'
DA72330-11A	05/13/25	12:58	MR	05/13/25	SO	Soil	BKG01@5'
DA72330-11B	05/13/25	12:58	MR	05/13/25	SO	Soil	BKG01@5'

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

Summary of Hits

Job Number: DA72330
Account: Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL
Collected: 05/13/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72330-1	**AST01@0-10"**					
Benzo(b)fluoranthene		0.0046 J	0.0048	0.0024	mg/kg	SW846 8270E
Benzo(k)fluoranthene		0.0024 J	0.0048	0.0024	mg/kg	SW846 8270E
Benzo(a)pyrene		0.0033 J	0.0048	0.0024	mg/kg	SW846 8270E
Chrysene		0.0026 J	0.0048	0.0024	mg/kg	SW846 8270E
Fluoranthene		0.0024 J	0.0048	0.0024	mg/kg	SW846 8270E
Pyrene		0.0029 J	0.0048	0.0024	mg/kg	SW846 8270E
Arsenic [a]		3.6	0.60		mg/kg	SW846 6020A
Barium [a]		89.5	0.60		mg/kg	SW846 6020A
Copper [a]		8.0	0.60		mg/kg	SW846 6020A
Lead [a]		9.8	0.60		mg/kg	SW846 6020A
Nickel [a]		7.3	0.60		mg/kg	SW846 6020A
Selenium [a]		3.3	0.60		mg/kg	SW846 6020A
Zinc [a]		31.4	0.60		mg/kg	SW846 6020A
pH [b]		7.41			su	WREP-125,4E-SATPASTE
Chromium, Hexavalent [c]		0.52	0.49		mg/kg	SW846 3060A/7199
Specific Conductivity @ 25 C [b]		0.773	0.010		mmhos/cm	SM2510 B-11
DA72330-1A	**AST01@0-10"**					
Calcium [a]		49.3	2.0		mg/l	SW846 6010C
Magnesium [a]		14.0	2.0		mg/l	SW846 6010C
Sodium [a]		66.6	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		2.15			ratio	USDA HANDBOOK 60
DA72330-1B	**AST01@0-10"**					
No hits reported in this sample.						
DA72330-2	**PWV01-N@3'**					
TPH-DRO (C10-C28)		36.7	4.7	4.4	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		31.1	7.0	5.8	mg/kg	SW846-8015C
Arsenic [a]		2.4	0.60		mg/kg	SW846 6020A
Barium [a]		71.4	0.60		mg/kg	SW846 6020A
Copper [a]		7.5	0.60		mg/kg	SW846 6020A
Lead [a]		7.6	0.60		mg/kg	SW846 6020A
Nickel [a]		7.0	0.60		mg/kg	SW846 6020A
Selenium [a]		3.4	0.60		mg/kg	SW846 6020A
Zinc [a]		28.0	0.60		mg/kg	SW846 6020A
pH [b]		7.62			su	WREP-125,4E-SATPASTE
Specific Conductivity @ 25 C [b]		2.79	0.010		mmhos/cm	SM2510 B-11

Summary of Hits

Job Number: DA72330
Account: Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL
Collected: 05/13/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72330-2A	**PWV01-N@3'**					
Calcium [a]		156	2.0		mg/l	SW846 6010C
Magnesium [a]		86.4	2.0		mg/l	SW846 6010C
Sodium [a]		307	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		4.89			ratio	USDA HANDBOOK 60
DA72330-2B	**PWV01-N@3'**					
No hits reported in this sample.						
DA72330-6	**PWV01-B@5'**					
Benzo(a)anthracene		0.0055 J	0.0060	0.0036	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.0026 J	0.0048	0.0024	mg/kg	SW846 8270E
Chrysene		0.0031 J	0.0048	0.0024	mg/kg	SW846 8270E
Fluoranthene		0.0036 J	0.0048	0.0024	mg/kg	SW846 8270E
Fluorene		0.0097	0.0048	0.0024	mg/kg	SW846 8270E
2-Methylnaphthalene		0.0026 J	0.0048	0.0024	mg/kg	SW846 8270E
Pyrene		0.0036 J	0.0048	0.0024	mg/kg	SW846 8270E
TPH-DRO (C10-C28)		10.8	4.5	4.2	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		8.03	6.7	5.6	mg/kg	SW846-8015C
Arsenic [a]		3.5	0.60		mg/kg	SW846 6020A
Barium [a]		69.7	0.60		mg/kg	SW846 6020A
Copper [a]		6.1	0.60		mg/kg	SW846 6020A
Lead [a]		5.8	0.60		mg/kg	SW846 6020A
Nickel [a]		6.0	0.60		mg/kg	SW846 6020A
Selenium [a]		2.6	0.60		mg/kg	SW846 6020A
Zinc [a]		24.3	0.60		mg/kg	SW846 6020A
pH [b]		7.77			su	WREP-125,4E-SATPASTE
Specific Conductivity @ 25 C [b]		2.42	0.010		mmhos/cm	SM2510 B-11
DA72330-6A	**PWV01-B@5'**					
Calcium [a]		103	2.0		mg/l	SW846 6010C
Magnesium [a]		53.0	2.0		mg/l	SW846 6010C
Sodium [a]		344	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		6.86			ratio	USDA HANDBOOK 60
DA72330-6B	**PWV01-B@5'**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA72330
Account: Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL
Collected: 05/13/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72330-7	**SEP01-DL@3'**					
Arsenic [a]		2.6	0.56		mg/kg	SW846 6020A
Barium [a]		71.2	0.56		mg/kg	SW846 6020A
Copper [a]		6.9	0.56		mg/kg	SW846 6020A
Lead [a]		6.4	0.56		mg/kg	SW846 6020A
Nickel [a]		5.7	0.56		mg/kg	SW846 6020A
Selenium [a]		2.8	0.56		mg/kg	SW846 6020A
Zinc [a]		26.8	0.56		mg/kg	SW846 6020A
pH [b]		7.93			su	WREP-125,4E-SATPASTE
Chromium, Hexavalent [c]		0.49	0.47		mg/kg	SW846 3060A/7199
Specific Conductivity @ 25 C [b]		2.02	0.010		mmhos/cm	SM2510 B-11
DA72330-7A	**SEP01-DL@3'**					
Calcium [a]		161	2.0		mg/l	SW846 6010C
Magnesium [a]		56.8	2.0		mg/l	SW846 6010C
Sodium [a]		166	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		2.86			ratio	USDA HANDBOOK 60
DA72330-7B	**SEP01-DL@3'**					
No hits reported in this sample.						
DA72330-8	**SEP01-FL@3'**					
Acenaphthene		0.0318	0.0042	0.0021	mg/kg	SW846 8270E
Anthracene		0.0740	0.0042	0.0021	mg/kg	SW846 8270E
Benzo(a)anthracene		0.0717	0.0053	0.0032	mg/kg	SW846 8270E
Benzo(b)fluoranthene		0.104	0.0042	0.0021	mg/kg	SW846 8270E
Benzo(k)fluoranthene		0.0258	0.0042	0.0021	mg/kg	SW846 8270E
Benzo(a)pyrene		0.0659	0.0042	0.0021	mg/kg	SW846 8270E
Chrysene		0.0785	0.0042	0.0021	mg/kg	SW846 8270E
Dibenzo(a,h)anthracene		0.0098	0.0042	0.0021	mg/kg	SW846 8270E
Fluoranthene		0.234	0.0042	0.0021	mg/kg	SW846 8270E
Fluorene		0.0368	0.0042	0.0021	mg/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		0.0294	0.0042	0.0021	mg/kg	SW846 8270E
2-Methylnaphthalene		0.0030 J	0.0042	0.0021	mg/kg	SW846 8270E
Naphthalene		0.0055	0.0021	0.0016	mg/kg	SW846 8270E
Pyrene		0.187	0.0042	0.0021	mg/kg	SW846 8270E
TPH-DRO (C10-C28)		4.95	4.1	3.9	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		5.82 J	6.2	5.2	mg/kg	SW846-8015C
Arsenic [a]		2.8	0.55		mg/kg	SW846 6020A
Barium [a]		66.7	0.55		mg/kg	SW846 6020A
Copper [a]		7.1	0.55		mg/kg	SW846 6020A

Summary of Hits

Job Number: DA72330
Account: Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL
Collected: 05/13/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead [a]		6.1	0.55		mg/kg	SW846 6020A
Nickel [a]		6.2	0.55		mg/kg	SW846 6020A
Selenium [a]		2.9	0.55		mg/kg	SW846 6020A
Zinc [a]		25.4	0.55		mg/kg	SW846 6020A
pH [b]		7.31			su	WREP-125,4E-SATPASTE
Specific Conductivity @ 25 C [b]		4.60	0.010		mmhos/cm	SM2510 B-11
DA72330-8A	**SEP01-FL@3'**					
Calcium [a]		311	2.0		mg/l	SW846 6010C
Magnesium [a]		164	2.0		mg/l	SW846 6010C
Sodium [a]		539	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		6.16			ratio	USDA HANDBOOK 60
DA72330-8B	**SEP01-FL@3'**					
No hits reported in this sample.						
DA72330-9	**BKG01@0-6"**					
Arsenic [a]		3.6	0.55		mg/kg	SW846 6020A
Barium [a]		47.6	0.55		mg/kg	SW846 6020A
Copper [a]		5.3	0.55		mg/kg	SW846 6020A
Lead [a]		6.1	0.55		mg/kg	SW846 6020A
Nickel [a]		4.6	0.55		mg/kg	SW846 6020A
Selenium [a]		2.7	0.55		mg/kg	SW846 6020A
Zinc [a]		20.0	0.55		mg/kg	SW846 6020A
pH [b]		7.52			su	WREP-125,4E-SATPASTE
Specific Conductivity @ 25 C [b]		4.52	0.010		mmhos/cm	SM2510 B-11
DA72330-9A	**BKG01@0-6"**					
Calcium [a]		120	2.0		mg/l	SW846 6010C
Magnesium [a]		54.9	2.0		mg/l	SW846 6010C
Sodium [a]		425	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		8.06			ratio	USDA HANDBOOK 60
DA72330-9B	**BKG01@0-6"**					
No hits reported in this sample.						
DA72330-10	**BKG01@3'**					
Arsenic [a]		3.5	0.56		mg/kg	SW846 6020A
Barium [a]		58.7	0.56		mg/kg	SW846 6020A

Summary of Hits

Job Number: DA72330
Account: Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL
Collected: 05/13/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper [a]		6.4	0.56		mg/kg	SW846 6020A
Lead [a]		6.5	0.56		mg/kg	SW846 6020A
Nickel [a]		7.0	0.56		mg/kg	SW846 6020A
Selenium [a]		3.1	0.56		mg/kg	SW846 6020A
Zinc [a]		22.8	0.56		mg/kg	SW846 6020A
pH [b]		7.92			su	WREP-125,4E-SATPASTE
Specific Conductivity @ 25 C [b]		2.16	0.010		mmhos/cm	SM2510 B-11
DA72330-10A	**BKG01@3'**					
Calcium [a]		49.1	2.0		mg/l	SW846 6010C
Magnesium [a]		38.2	2.0		mg/l	SW846 6010C
Sodium [a]		351	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		9.13			ratio	USDA HANDBOOK 60
DA72330-10B	**BKG01@3'**					
No hits reported in this sample.						
DA72330-11	**BKG01@5'**					
Arsenic [a]		3.4	0.57		mg/kg	SW846 6020A
Barium [a]		653	0.57		mg/kg	SW846 6020A
Copper [a]		6.6	0.57		mg/kg	SW846 6020A
Lead [a]		6.1	0.57		mg/kg	SW846 6020A
Nickel [a]		6.5	0.57		mg/kg	SW846 6020A
Selenium [a]		3.3	0.57		mg/kg	SW846 6020A
Zinc [a]		24.8	0.57		mg/kg	SW846 6020A
pH [b]		7.83			su	WREP-125,4E-SATPASTE
Specific Conductivity @ 25 C [b]		1.85	0.010		mmhos/cm	SM2510 B-11
DA72330-11A	**BKG01@5'**					
Calcium [a]		43.3	2.0		mg/l	SW846 6010C
Magnesium [a]		38.9	2.0		mg/l	SW846 6010C
Sodium [a]		298	10		mg/l	SW846 6010C
Sodium Adsorption Ratio [d]		7.92			ratio	USDA HANDBOOK 60
DA72330-11B	**BKG01@5'**					
No hits reported in this sample.						

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Scott, LA.

Summary of Hits

Job Number: DA72330
Account: Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL
Collected: 05/13/25

Lab Sample ID	Client Sample ID	Result/				
Analyte		Qual	RL	MDL	Units	Method

(c) Analysis performed at SGS Dayton, NJ.
(d) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8260B	**Percent Solids:**	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V60632.D	1	05/22/25 08:04	MB	n/a	n/a	V6V2915
Run #2							

	Initial Weight	Final Volume
Run #1	5.44 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00055	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00055	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	0.00066	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00055	mg/kg	
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00078	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.11	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	112%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G001056.D	1	05/21/25 10:42	TH	05/20/25 10:00	OP27686	E7G43
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	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0048	0.0024	mg/kg	
120-12-7	Anthracene	ND	0.0048	0.0024	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0060	0.0036	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.0046	0.0048	0.0024	mg/kg	J
207-08-9	Benzo(k)fluoranthene	0.0024	0.0048	0.0024	mg/kg	J
50-32-8	Benzo(a)pyrene	0.0033	0.0048	0.0024	mg/kg	J
218-01-9	Chrysene	0.0026	0.0048	0.0024	mg/kg	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.0048	0.0024	mg/kg	
206-44-0	Fluoranthene	0.0024	0.0048	0.0024	mg/kg	J
86-73-7	Fluorene	ND	0.0048	0.0024	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0048	0.0024	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0048	0.0024	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0048	0.0024	mg/kg	
91-20-3	Naphthalene	ND	0.0024	0.0018	mg/kg	
129-00-0	Pyrene	0.0029	0.0048	0.0024	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	113%		10-130%
4165-60-0	Nitrobenzene-d5	101%		10-130%
1718-51-0	Terphenyl-d14	109%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW42564.D	1	05/14/25 23:30	JB	05/14/25 10:00	OP27683	GLW1000
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	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.6	4.4	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.9	5.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		20-155%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	3.6	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	89.5	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.30	0.30	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	8.0	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	9.8	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	7.3	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	3.3	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.60	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	31.4	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.41		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	0.52	0.49	mg/kg	1	05/25/25 18:56	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	0.773	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	49.3	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	14.0	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	66.6	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.15		ratio	1	05/21/25 08:34	ALA	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-10"		
Lab Sample ID:	DA72330-1B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@3'		
Lab Sample ID:	DA72330-2	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8260B	**Percent Solids:**	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V60633.D	1	05/22/25 08:26	MB	n/a	n/a	V6V2915
Run #2							

	Initial Weight	Final Volume
Run #1	5.19 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0012	0.00058	mg/kg	
100-41-4	Ethylbenzene	ND	0.0023	0.00058	mg/kg	
108-88-3	Toluene	ND	0.0023	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0023	0.00069	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0023	0.00058	mg/kg	
	m,p-Xylene	ND	0.0023	0.0021	mg/kg	
95-47-6	o-Xylene	ND	0.0023	0.00081	mg/kg	
1330-20-7	Xylene (total)	ND	0.0023	0.0021	mg/kg	
	TPH-GRO (C6-C10)	ND	0.23	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	116%		70-130%

ND = Not detected MDL = Method Detection Limit
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:	PWV01-N@3'		
Lab Sample ID:	DA72330-2	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57098.D	1	05/21/25 12:57	TH	05/20/25 10:00	OP27686	E3G2791
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	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0047	0.0023	mg/kg	
120-12-7	Anthracene	ND	0.0047	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0059	0.0035	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0047	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0047	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0047	0.0023	mg/kg	
218-01-9	Chrysene	ND	0.0047	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0047	0.0023	mg/kg	
206-44-0	Fluoranthene	ND	0.0047	0.0023	mg/kg	
86-73-7	Fluorene	ND	0.0047	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0047	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0047	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0047	0.0023	mg/kg	
91-20-3	Naphthalene	ND	0.0023	0.0018	mg/kg	
129-00-0	Pyrene	ND	0.0047	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		10-130%
4165-60-0	Nitrobenzene-d5	105%		10-130%
1718-51-0	Terphenyl-d14	95%		10-130%

ND = Not detected MDL = Method Detection Limit
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:	PWV01-N@3'		
Lab Sample ID:	DA72330-2	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW42565.D	1	05/14/25 23:43	JB	05/14/25 10:00	OP27683	GLW1000
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	MDL	Units	Q
	TPH-DRO (C10-C28)	36.7	4.7	4.4	mg/kg	
	TPH-ORO (> C28-C36)	31.1	7.0	5.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	48%		20-155%

ND = Not detected MDL = Method Detection Limit
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:	PWV01-N@3'		
Lab Sample ID:	DA72330-2	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	2.4	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	71.4	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.30	0.30	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	7.5	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	7.6	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	7.0	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	3.4	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.60	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	28.0	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@3'		
Lab Sample ID:	DA72330-2	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.6		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.62		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	< 0.46	0.46	mg/kg	1	05/25/25 19:04	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	2.79	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@3'		
Lab Sample ID:	DA72330-2A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	156	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	86.4	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	307	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@3'		
Lab Sample ID:	DA72330-2A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.89		ratio	1	05/21/25 08:40	ALA	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:	PWV01-N@3'		
Lab Sample ID:	DA72330-2B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.6
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@5'		
Lab Sample ID:	DA72330-6	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8260B	**Percent Solids:**	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V60634.D	1	05/22/25 08:49	MB	n/a	n/a	V6V2915
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	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00057	mg/kg	
100-41-4	Ethylbenzene	ND	0.0023	0.00057	mg/kg	
108-88-3	Toluene	ND	0.0023	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0023	0.00068	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0023	0.00057	mg/kg	
	m,p-Xylene	ND	0.0023	0.0021	mg/kg	
95-47-6	o-Xylene	ND	0.0023	0.00080	mg/kg	
1330-20-7	Xylene (total)	ND	0.0023	0.0021	mg/kg	
	TPH-GRO (C6-C10)	ND	0.23	0.11	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	89%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

ND = Not detected MDL = Method Detection Limit
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:	PWV01-B@5'		
Lab Sample ID:	DA72330-6	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G001057.D	1	05/21/25 11:06	TH	05/20/25 10:00	OP27686	E7G43
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	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0048	0.0024	mg/kg	
120-12-7	Anthracene	ND	0.0048	0.0024	mg/kg	
56-55-3	Benzo(a)anthracene	0.0055	0.0060	0.0036	mg/kg	J
205-99-2	Benzo(b)fluoranthene	0.0026	0.0048	0.0024	mg/kg	J
207-08-9	Benzo(k)fluoranthene	ND	0.0048	0.0024	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0048	0.0024	mg/kg	
218-01-9	Chrysene	0.0031	0.0048	0.0024	mg/kg	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.0048	0.0024	mg/kg	
206-44-0	Fluoranthene	0.0036	0.0048	0.0024	mg/kg	J
86-73-7	Fluorene	0.0097	0.0048	0.0024	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0048	0.0024	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0048	0.0024	mg/kg	
91-57-6	2-Methylnaphthalene	0.0026	0.0048	0.0024	mg/kg	J
91-20-3	Naphthalene	ND	0.0024	0.0018	mg/kg	
129-00-0	Pyrene	0.0036	0.0048	0.0024	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	109%		10-130%
4165-60-0	Nitrobenzene-d5	102%		10-130%
1718-51-0	Terphenyl-d14	108%		10-130%

ND = Not detected MDL = Method Detection Limit
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:	PWV01-B@5'		
Lab Sample ID:	DA72330-6	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW42566.D	1	05/14/25 23:57	JB	05/14/25 10:00	OP27683	GLW1000
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	10.8	4.5	4.2	mg/kg	
	TPH-ORO (> C28-C36)	8.03	6.7	5.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		20-155%

ND = Not detected MDL = Method Detection Limit
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:	PWV01-B@5'		
Lab Sample ID:	DA72330-6	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	3.5	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	69.7	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.30	0.30	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	6.1	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	5.8	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	6.0	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	2.6	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.60	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	24.3	0.60	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@5'		
Lab Sample ID:	DA72330-6	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.77		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	< 0.47	0.47	mg/kg	1	05/25/25 19:20	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	2.42	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@5'		
Lab Sample ID:	DA72330-6A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	103	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	53.0	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	344	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@5'		
Lab Sample ID:	DA72330-6A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	6.86		ratio	1	05/21/25 08:46	ALA	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:	PWV01-B@5'		
Lab Sample ID:	DA72330-6B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.0
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8260B	**Percent Solids:**	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V90639.D	1	05/22/25 15:46	MB	n/a	n/a	V5V4381
Run #2							

	Initial Weight	Final Volume
Run #1	5.39 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00054	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00054	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	0.00065	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00054	mg/kg	
	m,p-Xylene	ND	0.0022	0.0019	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00075	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0019	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.11	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	110%		70-130%

ND = Not detected MDL = Method Detection Limit
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:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G001058.D	1	05/21/25 11:31	TH	05/20/25 10:00	OP27686	E7G43
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0045	0.0022	mg/kg	
120-12-7	Anthracene	ND	0.0045	0.0022	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0056	0.0033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0045	0.0022	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0045	0.0022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0045	0.0022	mg/kg	
218-01-9	Chrysene	ND	0.0045	0.0022	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0045	0.0022	mg/kg	
206-44-0	Fluoranthene	ND	0.0045	0.0022	mg/kg	
86-73-7	Fluorene	ND	0.0045	0.0022	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0045	0.0022	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0045	0.0022	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0045	0.0022	mg/kg	
91-20-3	Naphthalene	ND	0.0022	0.0017	mg/kg	
129-00-0	Pyrene	ND	0.0045	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	101%		10-130%
4165-60-0	Nitrobenzene-d5	92%		10-130%
1718-51-0	Terphenyl-d14	97%		10-130%

ND = Not detected MDL = Method Detection Limit
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:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW42567.D	1	05/15/25 00:11	JB	05/14/25 10:00	OP27683	GLW1000
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	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.6	4.3	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.9	5.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		20-155%

ND = Not detected MDL = Method Detection Limit
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:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	2.6	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	71.2	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.28	0.28	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	6.9	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	6.4	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	5.7	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	2.8	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.56	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	26.8	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	86.2		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.93		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	0.49	0.47	mg/kg	1	05/25/25 19:44	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	2.02	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	161	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	56.8	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	166	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.86		ratio	1	05/21/25 08:52	ALA	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:	SEP01-DL@3'		
Lab Sample ID:	DA72330-7B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	86.2
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8260B	**Percent Solids:**	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V90640.D	1	05/22/25 16:09	MB	n/a	n/a	V5V4381
Run #2							

	Initial Weight	Final Volume
Run #1	5.30 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00053	mg/kg	
100-41-4	Ethylbenzene	ND	0.0021	0.00053	mg/kg	
108-88-3	Toluene	ND	0.0021	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0021	0.00064	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0021	0.00053	mg/kg	
	m,p-Xylene	ND	0.0021	0.0019	mg/kg	
95-47-6	o-Xylene	ND	0.0021	0.00074	mg/kg	
1330-20-7	Xylene (total)	ND	0.0021	0.0019	mg/kg	
	TPH-GRO (C6-C10)	ND	0.21	0.11	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

ND = Not detected MDL = Method Detection Limit
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:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G001059.D	1	05/21/25 11:56	TH	05/20/25 10:00	OP27686	E7G43
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	0.0318	0.0042	0.0021	mg/kg	
120-12-7	Anthracene	0.0740	0.0042	0.0021	mg/kg	
56-55-3	Benzo(a)anthracene	0.0717	0.0053	0.0032	mg/kg	
205-99-2	Benzo(b)fluoranthene	0.104	0.0042	0.0021	mg/kg	
207-08-9	Benzo(k)fluoranthene	0.0258	0.0042	0.0021	mg/kg	
50-32-8	Benzo(a)pyrene	0.0659	0.0042	0.0021	mg/kg	
218-01-9	Chrysene	0.0785	0.0042	0.0021	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	0.0098	0.0042	0.0021	mg/kg	
206-44-0	Fluoranthene	0.234	0.0042	0.0021	mg/kg	
86-73-7	Fluorene	0.0368	0.0042	0.0021	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	0.0294	0.0042	0.0021	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0042	0.0021	mg/kg	
91-57-6	2-Methylnaphthalene	0.0030	0.0042	0.0021	mg/kg	J
91-20-3	Naphthalene	0.0055	0.0021	0.0016	mg/kg	
129-00-0	Pyrene	0.187	0.0042	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	100%		10-130%
4165-60-0	Nitrobenzene-d5	91%		10-130%
1718-51-0	Terphenyl-d14	97%		10-130%

ND = Not detected MDL = Method Detection Limit
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:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW42588.D	1	05/15/25 04:57	JB	05/14/25 10:00	OP27684	GLW1000
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	4.95	4.1	3.9	mg/kg	
	TPH-ORO (> C28-C36)	5.82	6.2	5.2	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		20-155%

ND = Not detected MDL = Method Detection Limit
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:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	2.8	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	66.7	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.28	0.28	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	7.1	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	6.1	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	6.2	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	2.9	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.55	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	25.4	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	89.1		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.31		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	< 0.46	0.46	mg/kg	1	05/25/25 19:52	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	4.60	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	311	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	164	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	539	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	6.16		ratio	1	05/21/25 08:58	ALA	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:	SEP01-FL@3'		
Lab Sample ID:	DA72330-8B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72330-9	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.7
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	3.6	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	47.6	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.27	0.27	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	5.3	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	6.1	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	4.6	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	2.7	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.55	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	20.0	0.55	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72330-9	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.7
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	89.7		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.52		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	< 0.43	0.43	mg/kg	1	05/25/25 20:15	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	4.52	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72330-9A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.7
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	120	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	54.9	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	425	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72330-9A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.7
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	8.06		ratio	1	05/21/25 09:04	ALA	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@0-6"		
Lab Sample ID:	DA72330-9B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	89.7
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3'		
Lab Sample ID:	DA72330-10	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	3.5	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	58.7	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.28	0.28	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	6.4	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	6.5	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	7.0	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	3.1	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.56	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	22.8	0.56	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3'		
Lab Sample ID:	DA72330-10	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.1		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.92		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	< 0.48	0.48	mg/kg	1	05/25/25 20:31	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	2.16	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3'		
Lab Sample ID:	DA72330-10A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	49.1	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	38.2	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	351	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@3'		
Lab Sample ID:	DA72330-10A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	9.13		ratio	1	05/21/25 09:22	ALA	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'		
Lab Sample ID:	DA72330-10B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	83.1
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@5'		
Lab Sample ID:	DA72330-11	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	82.9
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic [a]	3.4	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Barium [a]	653	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Cadmium [a]	< 0.28	0.28	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Copper [a]	6.6	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Lead [a]	6.1	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Nickel [a]	6.5	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Selenium [a]	3.3	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Silver [a]	< 0.57	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]
Zinc [a]	24.8	0.57	mg/kg	5	05/19/25	05/19/25	ALA	SW846 6020A [1]	SW846 3050B [2]

(1) Instrument QC Batch: L:MA29914
(2) Prep QC Batch: L:MP30633

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@5'		
Lab Sample ID:	DA72330-11	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	82.9
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	82.9		%	1	05/14/25	JB	SM2540G-2011 M
pH-saturated paste method							
pH [a]	7.83		su	1	05/20/25 07:15	ALA	WREP-125,4E-SATPASTE
Chromium, Hexavalent [b]	< 0.48	0.48	mg/kg	1	05/25/25 20:47	ANJ	SW846 3060A/7199
Specific Conductivity @ 25 [a]	1.85	0.010	mmhos/cm	1	05/20/25 18:24	ALA	SM2510 B-11

(a) Analysis performed at SGS Scott, LA.
(b) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@5'		
Lab Sample ID:	DA72330-11A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	82.9
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium [a]	43.3	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium [a]	38.9	2.0	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium [a]	298	10	mg/l	20	05/20/25	05/21/25	ALA	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: L:MA29929
(2) Prep QC Batch: L:MP30666

(a) Elevated reporting limit due to dilution required for matrix interference. Analysis performed at SGS Scott, LA.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@5'		
Lab Sample ID:	DA72330-11A	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	82.9
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	7.92		ratio	1	05/21/25 09:28	ALA	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@5'		
Lab Sample ID:	DA72330-11B	**Date Sampled:**	05/13/25
Matrix:	SO - Soil	**Date Received:**	05/13/25
		Percent Solids:	82.9
Project:	TASMCOA: NENE 15-6N-64W Speicher TB LOL		

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	05/21/25	05/21/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19127
(2) Prep QC Batch: MP41282

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Page 1 of 1

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA72330

Client / Reporting Information

Company: Tasman, Inc.
Street: 4725 Independence ST.
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Eric Vonde
Phone: (303) 487-1228
Email: las-chevron-5@tasman-geo.com / rbueuf27@chevron.com / danpeterson@chevron.com
Sampler(s) Name(s): McKenzie Reynolds

Project Information

Project Name: NENE 15-6N-64W Speicher TB LOC
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10457
Client Purchase Order #: UWRWE-A5071-AES
Project Manager: Eric Vonde

Billing Information (if different from Report to)

Company: Noble Energy
Street Address:
City, State ZIP:
Attention: Dan Peterson MK

Requested Analysis (see TEST CODE sheet)

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	Metals - Table 915 (TDS)	VOCs - Table 915	TPH - Table 915	PAH - Table 915	pH, EC, SAR, boron	TDS, Cl, SO4	Hold	LAB USE ONLY
ASTO100-0"	5/13/25	0721	MK	SO	3	X										X	X	X	X	X			01
PWV01-N03'		1215																					02
PWV01-E03'		1200																				X	03
PWV01-S03'		1204																					04
PWV01-W03'		1210																					05
PWV01-B05'		1207														X	X	X	X	X			06
SEP01-B03'		1158																					07
SEP01-F03'		1150																					08
BKG0100-6"		1250			2																		09
BKG0103'		1254																					10
BKG0105'		1258																					11

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

Turnaround Time (Business days)

☑ 10 Business Days
☐ 5 Business Days
☐ 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 Tasman

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation: 1	Date/Time: 5/13/2025 1430	Received By/Affiliation: 1	Relinquished By/Affiliation: 2	Date/Time:	Received By/Affiliation: 2
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): 4.0 Therm. ID: TVN 6 On Ice ☑

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

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

SGS Sample Receipt Summary

Job Number: da72330 **Client:** TASMAN **Project:** NENE 15-6N-64W SPEICHER TB LOC

Date / Time Received: 5/13/2025 2:30:00 PM **Delivery Method:** hd **Airbill #'s:**

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

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

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑

	W	or	S	N/A
3. Type of TB Received	☐		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Suffiient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☐		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information

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

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

Residual Chlorine Test Strip Lot

Comments

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 5/13/2025 3:15:30 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: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V2915-MB	6V60610.D	1	05/21/25	MB	n/a	n/a	V6V2915

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

DA72330-1, DA72330-2, DA72330-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/kg	
108-88-3	Toluene	ND	2.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/kg	
	m,p-Xylene	ND	2.0	1.8	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.70	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	100	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	106%	70-130%
2037-26-5	Toluene-D8	104%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	110%	70-130%

Method Blank Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4381-MB	5V90632.D	1	05/22/25	MB	n/a	n/a	V5V4381

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

DA72330-7, DA72330-8

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/kg	
108-88-3	Toluene	ND	2.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/kg	
	m,p-Xylene	ND	2.0	1.8	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.70	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	100	ug/kg	

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

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V2915-BS	6V60607.D	1	05/21/25	MB	n/a	n/a	V6V2915

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

DA72330-1, DA72330-2, DA72330-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	45.9	92	70-130
100-41-4	Ethylbenzene	50	50.1	100	70-130
108-88-3	Toluene	50	49.4	99	70-130
95-63-6	1,2,4-Trimethylbenzene	50	48.8	98	70-130
108-67-8	1,3,5-Trimethylbenzene	50	51.9	104	70-130
	m,p-Xylene	100	105	105	70-130
95-47-6	o-Xylene	50	50.8	102	70-130
1330-20-7	Xylene (total)	150	155	103	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V2915-BS	6V60608.D	1	05/21/25	MB	n/a	n/a	V6V2915

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

DA72330-1, DA72330-2, DA72330-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1820	91	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4381-BS	5V90629.D	1	05/22/25	MB	n/a	n/a	V5V4381

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

DA72330-7, DA72330-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	50.1	100	70-130
100-41-4	Ethylbenzene	50	51.8	104	70-130
108-88-3	Toluene	50	51.4	103	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.0	110	70-130
108-67-8	1,3,5-Trimethylbenzene	50	55.2	110	70-130
	m,p-Xylene	100	102	102	70-130
95-47-6	o-Xylene	50	52.1	104	70-130
1330-20-7	Xylene (total)	150	154	103	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4381-BS	5V90630.D	1	05/22/25	MB	n/a	n/a	V5V4381

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

DA72330-7, DA72330-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2090	105	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72320-1MS	6V60613.D	1	05/22/25	MB	n/a	n/a	V6V2915
DA72320-1MSD	6V60614.D	1	05/22/25	MB	n/a	n/a	V6V2915
DA72320-1	6V60611.D	1	05/22/25	MB	n/a	n/a	V6V2915

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

DA72330-1, DA72330-2, DA72330-6

CAS No.	Compound	DA72320-1 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	ND		50.5	45.0	89	49	41.5	85	8	43-130/30
100-41-4	Ethylbenzene	ND		50.5	46.5	92	49	43.4	89	7	15-145/30
108-88-3	Toluene	ND		50.5	47.1	93	49	43.7	89	7	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		50.5	45.8	91	49	39.9	82	14	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		50.5	47.0	93	49	39.6	81	17	6-159/30
	m,p-Xylene	ND		101	95.6	95	97.9	89.0	91	7	21-142/30
95-47-6	o-Xylene	ND		50.5	48.0	95	49	44.4	91	8	25-140/30
1330-20-7	Xylene (total)	ND		152	144	95	147	133	91	8	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72320-1	Limits
1868-53-7	Dibromofluoromethane	100%	95%	106%	70-130%
2037-26-5	Toluene-D8	99%	101%	105%	70-130%
460-00-4	4-Bromofluorobenzene	96%	101%	89%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	99%	106%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72320-4MS	6V60615.D	1	05/22/25	MB	n/a	n/a	V6V2915
DA72320-4MSD	6V60616.D	1	05/22/25	MB	n/a	n/a	V6V2915
DA72320-4	6V60612.D	1	05/22/25	MB	n/a	n/a	V6V2915

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

DA72330-1, DA72330-2, DA72330-6

CAS No.	Compound	DA72320-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2050	1820	89	2020	1690	84	7	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72320-4	Limits
1868-53-7	Dibromofluoromethane	96%	101%	111%	70-130%
2037-26-5	Toluene-D8	100%	104%	104%	70-130%
460-00-4	4-Bromofluorobenzene	101%	102%	92%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	100%	112%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72333-2MS	5V90635.D	1	05/22/25	MB	n/a	n/a	V5V4381
DA72333-2MSD	5V90636.D	1	05/22/25	MB	n/a	n/a	V5V4381
DA72333-2	5V90633.D	1	05/22/25	MB	n/a	n/a	V5V4381

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

DA72330-7, DA72330-8

CAS No.	Compound	DA72333-2 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	ND		55.4	47.3	85	55.6	46.3	83	2	43-130/30
100-41-4	Ethylbenzene	ND		55.4	45.7	82	55.6	43.1	77	6	15-145/30
108-88-3	Toluene	ND		55.4	47.1	85	55.6	44.6	80	5	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		55.4	43.9	79	55.6	41.0	74	7	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		55.4	45.8	83	55.6	42.6	77	7	6-159/30
	m,p-Xylene	ND		111	88.8	80	111	82.9	74	7	21-142/30
95-47-6	o-Xylene	ND		55.4	45.4	82	55.6	43.3	78	5	25-140/30
1330-20-7	Xylene (total)	ND		166	134	81	167	126	75	6	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72333-2	Limits
1868-53-7	Dibromofluoromethane	101%	103%	102%	70-130%
2037-26-5	Toluene-D8	97%	98%	96%	70-130%
460-00-4	4-Bromofluorobenzene	98%	96%	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	103%	109%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72333-4MS	5V90637.D	1	05/22/25	MB	n/a	n/a	V5V4381
DA72333-4MSD	5V90638.D	1	05/22/25	MB	n/a	n/a	V5V4381
DA72333-4	5V90634.D	1	05/22/25	MB	n/a	n/a	V5V4381

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

DA72330-7, DA72330-8

CAS No.	Compound	DA72333-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2020	1540	76	2050	1480	72	4	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72333-4	Limits
1868-53-7	Dibromofluoromethane	99%	101%	101%	70-130%
2037-26-5	Toluene-D8	99%	101%	98%	70-130%
460-00-4	4-Bromofluorobenzene	98%	99%	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	104%	70-130%

* = Outside of Control Limits.

MS 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: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27686-MB	7G001047.D	1	05/21/25	TH	05/20/25	OP27686	E7G43

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	4.0	2.0	ug/kg	
120-12-7	Anthracene	ND	4.0	2.0	ug/kg	
56-55-3	Benzo(a)anthracene	ND	5.0	3.0	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	4.0	2.0	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	4.0	2.0	ug/kg	
50-32-8	Benzo(a)pyrene	ND	4.0	2.0	ug/kg	
218-01-9	Chrysene	ND	4.0	2.0	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	4.0	2.0	ug/kg	
206-44-0	Fluoranthene	ND	4.0	2.0	ug/kg	
86-73-7	Fluorene	ND	4.0	2.0	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.0	2.0	ug/kg	
90-12-0	1-Methylnaphthalene	ND	4.0	2.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	4.0	2.0	ug/kg	
91-20-3	Naphthalene	ND	2.0	1.5	ug/kg	
129-00-0	Pyrene	ND	4.0	2.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	104%	10-130%
4165-60-0	Nitrobenzene-d5	98%	10-130%
1718-51-0	Terphenyl-d14	109%	10-130%

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27686-BS	7G001048.D	1	05/21/25	TH	05/20/25	OP27686	E7G43

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	201	101	31-130
120-12-7	Anthracene	200	198	99	46-134
56-55-3	Benzo(a)anthracene	200	179	90	52-135
205-99-2	Benzo(b)fluoranthene	200	205	103	50-136
207-08-9	Benzo(k)fluoranthene	200	225	113	52-134
50-32-8	Benzo(a)pyrene	200	185	93	50-130
218-01-9	Chrysene	200	201	101	51-131
53-70-3	Dibenzo(a,h)anthracene	200	205	103	49-136
206-44-0	Fluoranthene	200	198	99	51-137
86-73-7	Fluorene	200	191	96	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	206	103	50-139
90-12-0	1-Methylnaphthalene	200	186	93	18-130
91-57-6	2-Methylnaphthalene	200	186	93	16-130
91-20-3	Naphthalene	200	190	95	5-130
129-00-0	Pyrene	200	206	103	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	102%	10-130%
4165-60-0	Nitrobenzene-d5	98%	10-130%
1718-51-0	Terphenyl-d14	102%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27686-MS	7G001049.D	1	05/21/25	TH	05/20/25	OP27686	E7G43
OP27686-MSD	7G001050.D	1	05/21/25	TH	05/20/25	OP27686	E7G43
DA72320-7	7G001069.D	1	05/21/25	TH	05/20/25	OP27686	E7G43

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8

CAS No.	Compound	DA72320-7 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	ND		203	190	94	207	238	115	22	12-130/52
120-12-7	Anthracene	ND		203	190	94	207	226	109	17	31-130/60
56-55-3	Benzo(a)anthracene	ND		203	173	85	207	219	106	23	34-130/60
205-99-2	Benzo(b)fluoranthene	ND		203	212	104	207	257	124	19	10-168/60
207-08-9	Benzo(k)fluoranthene	ND		203	198	98	207	237	114	18	30-130/60
50-32-8	Benzo(a)pyrene	ND		203	195	96	207	237	114	19	10-179/60
218-01-9	Chrysene	ND		203	194	94	207	232	111	18	34-130/60
53-70-3	Dibenzo(a,h)anthracene	ND		203	194	96	207	242	117	22	20-138/60
206-44-0	Fluoranthene	ND		203	191	94	207	230	111	19	32-130/60
86-73-7	Fluorene	ND		203	178	88	207	219	106	21	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	ND		203	198	98	207	243	117	20	17-148/60
90-12-0	1-Methylnaphthalene	ND		203	180	89	207	213	103	17	10-130/41
91-57-6	2-Methylnaphthalene	ND		203	176	87	207	217	105	21	14-130/40
91-20-3	Naphthalene	ND		203	184	91	207	226	109	20	10-130/40
129-00-0	Pyrene	ND		203	199	98	207	240	116	19	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA72320-7	Limits
321-60-8	2-Fluorobiphenyl	113%	111%	102%	10-130%
4165-60-0	Nitrobenzene-d5	109%	106%	92%	10-130%
1718-51-0	Terphenyl-d14	109%	110%	100%	10-130%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27683-MB	LW42543.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	3.8	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	90%	20-155%

Method Blank Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27684-MB	LW42574.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000

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

DA72330-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.0	3.8	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.0	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	90%	20-155%

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27683-BS	LW42544.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	182	91	41-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	93%	20-155%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27683-BS2	LW42545.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	251	126	43-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	92%	20-155%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27684-BS	LW42575.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000

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

DA72330-8

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	187	94	41-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	95%	20-155%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27684-BS2	LW42576.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000

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

DA72330-8

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	246	123	43-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	20-155%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27683-MS1	LW42546.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000
OP27683-MSD1	LW42547.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000
DA72320-1	LW42550.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7

CAS No.	Compound	DA72320-1 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)	ND		198	165	83	197	174	89	5	10-160/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72320-1	Limits
84-15-1	o-Terphenyl	93%	90%	80%	20-155%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27683-MS2	LW42548.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000
OP27683-MSD2	LW42549.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000
DA72320-2	LW42551.D	1	05/14/25	JB	05/14/25	OP27683	GLW1000

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

DA72330-1, DA72330-2, DA72330-6, DA72330-7

CAS No.	Compound	DA72320-2 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)	ND		224	274	122	233	269	116	2	10-170/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72320-2	Limits
84-15-1	o-Terphenyl	88%	82%	78%	20-155%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27684-MS1	LW42577.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000
OP27684-MSD1	LW42578.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000
DA72333-2	LW42581.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000

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

DA72330-8

CAS No.	Compound	DA72333-2 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)	ND		227	211	93	217	204	94	3	10-160/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72333-2	Limits
84-15-1	o-Terphenyl	95%	92%	91%	20-155%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72330
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27684-MS2	LW42579.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000
OP27684-MSD2	LW42580.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000
DA72333-3	LW42582.D	1	05/15/25	JB	05/14/25	OP27684	GLW1000

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

DA72330-8

CAS No.	Compound	DA72333-3 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)	ND		222	255	115	223	260	116	2	10-170/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72333-3	Limits
84-15-1	o-Terphenyl	91%	89%	94%	20-155%

* = 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: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/21/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	40.5	<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 MP41282: DA72330-1B, DA72330-2B, DA72330-6B, DA72330-7B, DA72330-8B, DA72330-9B, DA72330-10B, DA72330-11B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/21/25

Metal	RL	IDL	MDL	MB raw	final

(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			05/21/25					05/21/25	
Metal	DA72332-9B Original	DUP	RPD	QC Limits	DA72332-9B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	97.5	85.0	13.7	0-20	97.5	10400	10000	103.0	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP41282: DA72330-1B, DA72330-2B, DA72330-6B, DA72330-7B, DA72330-8B, DA72330-9B, DA72330-10B, DA72330-11B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:		05/21/25				05/21/25	
Metal	DA72332-9B Original DUP	RPD	QC Limits	DA72332-9B Original MS	Spikelot ICPALL6 % Rec		QC Limits

(*) 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: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/21/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9550	10000	95.5	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41282: DA72330-1B, DA72330-2B, DA72330-6B, DA72330-7B, DA72330-8B, DA72330-9B, DA72330-10B, DA72330-11B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/21/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/21/25

Metal	DA72332-9B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	19.5	29.7	52.3 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41282: DA72330-1B, DA72330-2B, DA72330-6B, DA72330-7B, DA72330-8B, DA72330-9B, DA72330-10B, DA72330-11B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72330
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: NENE 15-6N-64W Speicher TB LOL

QC Batch ID: MP41282 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 05/21/25

	DA72332-9B		QC
Metal	Original SDL 1:5	%DIF	Limits

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

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

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

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job # DA72330

Client / Reporting Information

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

Project Information

- Project Name: Tasman: NENE 15-6N-64W Speicher TB LOL
- 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): AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH ,PSAT ,SCON ,SEMS ,ZNMS ; SARCA ,SARMG ,SARNA

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH ,PSAT ,SCON ,SEMS ,ZNMS	SARCA ,SARMG ,SARNA	LAB USE ONLY
1	AST01@0-10"		5/13/25	9:21:00 AM	MR	SO										X		/
1A	AST01@0-10"		5/13/25	9:21:00 AM	MR	SO											X	/
2	PWV01-N@3'		5/13/25	12:15:00 PM	MR	SO										X		/
2A	PWV01-N@3'		5/13/25	12:15:00 PM	MR	SO											X	/
6	PWV01-B@5'		5/13/25	12:07:00 PM	MR	SO										X		/
6A	PWV01-B@5'		5/13/25	12:07:00 PM	MR	SO											X	/
7	SEP01-DL@3'		5/13/25	11:53:00 AM	MR	SO										X		/
7A	SEP01-DL@3'		5/13/25	11:53:00 AM	MR	SO											X	/
8	SEP01-FL@3'		5/13/25	11:50:00 AM	MR	SO										X		/
8A	SEP01-FL@3'		5/13/25	11:50:00 AM	MR	SO											X	/
9	BKG01@0-6"		5/13/25	12:50:00 PM	MR	SO										X		/
9A	BKG01@0-6"		5/13/25	12:50:00 PM	MR	SO											X	/

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

Turnaround Time (Business days)

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other Due 5/19/2025

Approved By (SGS PM): / Date: RUSH

Initial Assessment ®

Label Verification

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

Comments / Special Instructions: RWA5 (7C2)

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 [signature]	4:30 5-13-25	1 Fedx	2 Fedx	0930 05/16/25	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #: CS on cooler	☑ Intact ☐ Not intact	Preserved where applicable ☑ NA

On Ice: ☒ Cooler Temp. (18.5 IR#) Therm. ID: (Ice melted)

DA72330: Chain of Custody
Page 1 of 4
SGS Scott, LA

9.1 9

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

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: DA72330

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

Project Information
Project Name: Tasman: NENE 15-6N-64W Speicher TB
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

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

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH ,PSAT ,SCON ,SEMS ,ZNMS ,	SARCA ,SARMG ,SARNA ,	LAB USE ONLY
10	BKG01@3'		5/13/25	12:54:00 PM	MR	SO										X		1
10A	BKG01@3'		5/13/25	12:54:00 PM	MR	SO											X	1
11	BKG01@5'		5/13/25	12:58:00 PM	MR	SO										X		1
11A	BKG01@5'		5/13/25	12:58:00 PM	MR	SO											X	1

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

Turnaround Time (Business days)
Approved By (SGS PM): / Date:
- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other Due 5/19/2025

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

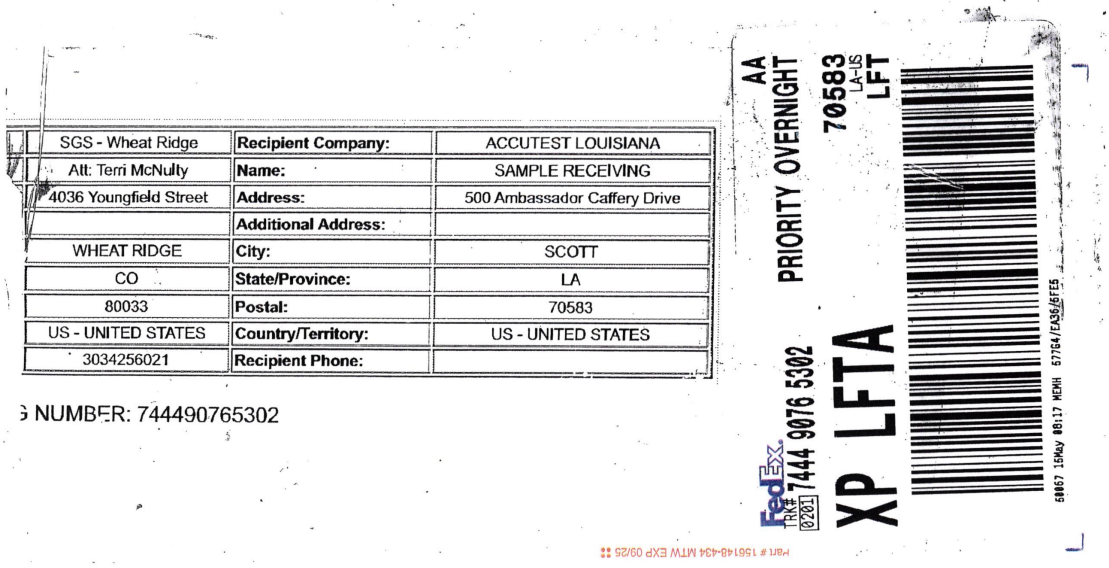
Commercial "A" = Results Onl
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

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 [signature]	Date Time: 5-13-25 4:30	Received By: 1 FedEx	Relinquished By: 2 FedEx	Date Time: 05/16/25	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 ☒ On Ice ☒ Cooler Temp. (18.5 [illegible]) Therm. ID: [illegible]

9.1
9



SGS - Wheat Ridge	**Recipient Company:**	ACCUTEST LOUISIANA
Att: Terri McNulty	**Name:**	SAMPLE RECEIVING
4036 Youngfield Street	**Address:**	500 Ambassador Caffery Drive
	Additional Address:	
WHEAT RIDGE	**City:**	SCOTT
CO	**State/Province:**	LA
80033	**Postal:**	70583
US - UNITED STATES	**Country/Territory:**	US - UNITED STATES
3034256021	**Recipient Phone:**	

DA72330: Chain of Custody
Page 3 of 4

SGS Sample Receipt Summary

Job Number: da72330 **Client:** SGS CO **Project:** TASMAN

Date / Time Received: 5/16/2025 9:30:00 AM **Delivery Method:** fedexpress **Airbill #'s:** 744490765302

Cooler Temps (Raw Measured) °C: Cooler 1: (18.5);

Cooler Temps (Corrected) °C: Cooler 1: (18.5);

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:	irgun		
3. Cooler media:	melted ice		
4. No. Coolers:	1		

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

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

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

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

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

Comments Received samples in cooler with melted ice , temperature at 18.5. Ir002

SM089-03
Rev. Date 12/7/17

Metals Analysis

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	10	.014	4.3		
Antimony	0.10	.00022	.049		
Arsenic	0.10	.00079	.041	0.00040	<0.10
Barium	0.10	.00041	.059	0.00050	<0.10
Beryllium	0.10	.00035	.053		
Boron	2.0	.043	.59		
Cadmium	0.050	.00016	.035	0.00030	<0.050
Calcium	10	.43	4.7		
Cerium	0.10	.00015	.056		
Chromium	0.10	.0016	.036		
Cobalt	0.10	.00016	.05		
Copper	0.10	.0008	.07	-0.0015	<0.10
Iron	10	.0097	4.2		
Lithium	0.20	.0012	.032		
Lead	0.10	.001	.056	0.00070	<0.10
Lanthanum	0.10	.00017	.053		
Magnesium	10	.016	3.6		
Manganese	0.10	.00091	.038		
Molybdenum	0.10	.00038	.028		
Nickel	0.10	.00038	.05	0.00080	<0.10
Potassium	10	.25	6		
Selenium	0.10	.015	.015	0.0084	<0.10
Silver	0.10	.00024	.017	-0.00030	<0.10
Silicon	50	.42	5.4		
Sodium	10	.22	3.3		
Strontium	0.10	.00054	.043		
Thallium	0.10	.00023	.057		
Tin	0.10	.002	.0065		
Titanium	0.20	.0021	.071		
Uranium	0.10	.00019	.039		
Vanadium	0.10	.00087	.023		
Zinc	0.10	.0017	.01	0.0013	<0.10

Associated samples MP30633: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	RL	IDL	MDL	MB raw	final

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: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	DA72330-1 Original	MS	Spikelot MPICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	3.6	14.5	12	90.5	75-125
Barium	89.5	106	12	137.0(a)	75-125
Beryllium					
Boron					
Cadmium	0.26	12.5	12	101.6	75-125
Calcium					
Cerium					
Chromium					
Cobalt					
Copper	8.0	19.1	12	92.1	75-125
Iron					
Lithium					
Lead	9.8	22.0	12	101.3	75-125
Lanthanum					
Magnesium					
Manganese					
Molybdenum					
Nickel	7.3	18.6	12	93.8	75-125
Potassium					
Selenium	3.3	52.2	60.2	81.2	75-125
Silver	0.049	12.7	12	105.0	75-125
Silicon					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	31.4	43.8	12	102.9	75-125

Associated samples MP30633: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	DA72330-1 Original MS	Spikelot MPICPMS6 % Rec	QC Limits

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
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	DA72330-1 Original	MSD	Spikelot MPICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.6	13.9	12	85.5	4.2	20
Barium	89.5	90.9	12	11.6 (a)	15.3	20
Beryllium						
Boron						
Cadmium	0.26	12.3	12	99.9	1.6	20
Calcium						
Cerium						
Chromium						
Cobalt						
Copper	8.0	19.0	12	91.3	0.5	20
Iron						
Lithium						
Lead	9.8	20.2	12	86.3	8.5	20
Lanthanum						
Magnesium						
Manganese						
Molybdenum						
Nickel	7.3	18.1	12	89.6	2.7	20
Potassium						
Selenium	3.3	54.9	60.2	85.7	5.0	20
Silver	0.049	12.4	12	102.5	2.4	20
Silicon						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	31.4	40.4	12	74.7N(b)	8.1	20

Associated samples MP30633: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633 Methods: SW846 6020A
Matrix Type: SOLID Units: mg/kg

Prep Date: 05/19/25

	DA72330-1	Spikelot	MSD	QC
Metal	Original MSD	MPICPMS6 % Rec	RPD	Limit

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
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
(b) Spike recovery indicates possible matrix interference or sample non-homogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	LCS Result	Spikelot LCSMET25	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	184	192	95.8	81-119
Barium	193	219	88.1	82-118
Beryllium				
Boron				
Cadmium	116	114	101.8	82-118
Calcium				
Cerium				
Chromium				
Cobalt				
Copper	86.6	91.2	95.0	83-117
Iron				
Lithium				
Lead	136	141	96.5	82-118
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	138	143	96.5	82-119
Potassium				
Selenium	91.1	94.7	96.2	78-121
Silver	79.6	77	103.4	79-121
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	271	292	92.8	80-120

Associated samples MP30633: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: mg/kg

Prep Date: 05/19/25

Metal	LCS Result	Spikelot LCSMET25 % Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/19/25

Metal	DA72330-1 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	29.7	35.3	18.9*(a)	0-10
Barium	743	743	0.1	0-10
Beryllium				
Boron				
Cadmium	2.14	2.13	0.4	0-10
Calcium				
Cerium				
Chromium				
Cobalt				
Copper	66.1	79.2	19.9*(a)	0-10
Iron				
Lithium				
Lead	81.7	81.9	0.2	0-10
Lanthanum				
Magnesium				
Manganese				
Molybdenum				
Nickel	60.7	73.5	21.2*(a)	0-10
Potassium				
Selenium	27.8	37.7	35.7 (b)	0-10
Silver	0.407	0.376	7.6	0-10
Silicon				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	261	316	21.3*(a)	0-10

Associated samples MP30633: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633 Methods: SW846 6020A
Matrix Type: SOLID Units: ug/l

Prep Date: 05/19/25

	DA72330-1	QC
Metal	Original SDL 5:25 %DIF	Limits

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

POST DIGESTATE SPIKE SUMMARY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30633
Matrix Type: SOLID

Methods: SW846 6020A
Units: ug/l

Prep Date: 05/19/25

Metal	Sample ml	Final ml	DA72330-1 Raw	Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Zinc	.4	10	260.686	10.42744	105.923	.1	10	100	95.5	75-125

Associated samples MP30633: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30666
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/20/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	100	13	25		
Antimony	6.0	2	3.6		
Arsenic	10	2.4	8.6		
Barium	10	.36	1.7		
Beryllium	4.0	.06	.9		
Boron	100	.72	42		
Cadmium	5.0	.14	.9		
Calcium	100	3.8	32	0.62	<100
Chromium	10	.39	1.2		
Cobalt	10	.26	1.1		
Copper	10	.77	2.8		
Iron	100	2.9	18		
Lead	10	1.4	3.7		
Lithium	10	2.4	4.3		
Magnesium	100	22	40	4.9	<100
Manganese	10	.11	.9		
Molybdenum	10	.16	1.7		
Nickel	10	.29	1.5		
Potassium	500	50	120		
Selenium	10	1.5	4.3		
Silver	10	.57	3.7		
Sodium	500	20	120	-13	<500
Strontium	10	.1	3		
Thallium	10	1.5	4.6		
Tin	10	.74	1.7		
Titanium	10	.41	.8		
Vanadium	10	.39	1.5		
Zinc	20	.18	12		

Associated samples MP30666: DA72330-1A, DA72330-2A, DA72330-6A, DA72330-7A, DA72330-8A, DA72330-9A, DA72330-10A, DA72330-11A

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: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30666
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/20/25

Metal	DA72401-2A Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	47200	47500	0.6	0-20
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	10100	10100	0.0	0-20
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	31900	30700	3.8	0-20
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30666: DA72330-1A, DA72330-2A, DA72330-6A, DA72330-7A, DA72330-8A, DA72330-9A, DA72330-10A, DA72330-11A

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: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

QC Batch ID: MP30666
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 05/20/25

Metal	BSP Result	Spikelot LA29BSPIKE	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	3860	4000	96.5	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1950	2000	97.5	80-120
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silver				
Sodium	99100	100000	99.1	80-120
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc				

Associated samples MP30666: DA72330-1A, DA72330-2A, DA72330-6A, DA72330-7A, DA72330-8A, DA72330-9A, DA72330-10A, DA72330-11A

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

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

SO

FED-EX Tracking # 7449 9076 5324 | Bottle Order Control # | SGS Quote # | SGS Job # DA72330

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: Tasman: NENE 15-6N-64W Speicher TB LOL		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4036 Youngfield Street	Street:	Billing Information (If different from Report to)	
City / State / Zip: Wheat Ridge, CO 8003	City / State:	Company Name	
Project Contact / E-mail: pama.eskandaripayandeh@sgs.com	Project #:	Street Address	
Phone # / Fax #: 303-425-6021	Client Purchase Order #:	City / State / Zip	
Sampler(s) Name(s) / Phone: MR	Project Manager:	Attention:	

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	AST01@0-10"		5/13/25	9:21:00 AM	MR	SO										X	
2	PWV01-N@3'		5/13/25	12:15:00 PM	MR	SO										X	
6	PWV01-B@5'		5/13/25	12:07:00 PM	MR	SO										X	
7	SEP01-DL@3'		5/13/25	11:53:00 AM	MR	SO										X	
8	SEP01-FL@3'		5/13/25	11:50:00 AM	MR	SO										X	
9	BKG01@0-6"		5/13/25	12:50:00 PM	MR	SO										X	
10	BKG01@3'		5/13/25	12:54:00 PM	MR	SO										X	
11	BKG01@5'		5/13/25	12:58:00 PM	MR	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 5/19/2025

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 ZB VO
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		5/14/25	Fedex	Fedex	5/14/25 9:40	
3	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:	Custody Seal # ☐ Intact ☐ Not Intact	Preserved where applicable ☐ Therm. ID:	On Ice ☒ Cooler Temp. 0.4

CIP IR50

SGS Sample Receipt Summary

Job Number: DA72330 **Client:** SGS NORTH AMERICA INC **Project:** TASMAN: NENE 15-6N-64W SPEICHER T

Date / Time Received: 5/14/2025 9:40:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 7444-9076-5324

Cooler Temps (Raw Measured) °C: Cooler 1: (0.4);

Cooler Temps (Corrected) °C: Cooler 1: (0.8);

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

CHAIN OF CUSTODY

SO

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

FED-EX Tracking # 7449 9076 5324 | Bottle Order Control # | SGS Quote # | SGS Job # DA72330

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: Tasman: NENE 15-6N-64W Speicher TB LOL		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4036 Youngfield Street	Street:	Billing Information (If different from Report to)	
City: Wheat Ridge, State: CO, Zip: 8003	City, State	Company Name	
Project Contact: E-mail: pama.eskandaripayandeh@sgs.com	Project #	Street Address	
Phone #: 303-425-6021, Fax #	Client Purchase Order #	City, State, Zip	
Sampler(s) Name(s): MR, Phone	Project Manager	Attention:	

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	AST01@0-10"		5/13/25	9:21:00 AM	MR	SO										X	
2	PWV01-N@3'		5/13/25	12:15:00 PM	MR	SO										X	
6	PWV01-B@5'		5/13/25	12:07:00 PM	MR	SO										X	
7	SEP01-DL@3'		5/13/25	11:53:00 AM	MR	SO										X	
8	SEP01-FL@3'		5/13/25	11:50:00 AM	MR	SO										X	
9	BKG01@0-6"		5/13/25	12:50:00 PM	MR	SO										X	
10	BKG01@3'		5/13/25	12:54:00 PM	MR	SO										X	
11	BKG01@5'		5/13/25	12:58:00 PM	MR	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 5/19/2025

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 ZB VO
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		5/14/25	Fedex	Fedex	5/14/25 9:40	
3	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
5	Relinquished by:	Date Time:	Received By:	Custody Seal # ☐ Intact ☐ Not Intact	Preserved where applicable ☐ Therm. ID:	On Ice ☐ Cooler Temp. 0.4

CIP IR50

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: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP61292/GN68707	0.40	0.0	mg/kg	40	40.8	102.0	80-120%
Chromium, Hexavalent	GP61292/GN68707			mg/kg	779	732	94.0	80-120%

Associated Samples:
Batch GP61292: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP61292/GN68707	DA72329-1	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP61292: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP61292/GN68707	DA72329-1	mg/kg	0.0	42.8	41.1	96.1(a)	75-125%
Chromium, Hexavalent	GP61292/GN68707	DA72329-1	mg/kg	0.0	981	900	91.7(b)	75-125%

Associated Samples:
Batch GP61292: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (107.9%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.

Misc. Forms

Custody Documents and Other Forms

(SGS Scott, LA)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

Page 1 of 2

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

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job # DA72330

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

Project Information
Project Name: Tasman: NENE 15-6N-64W Speicher TB LOL
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): AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH ,PSAT ,SCON ,SEMS ,ZNMS ; SARCA ,SARMG ,SARNA

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 #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS ,ASMS ,BAMS ,CDMS ,CUMS ,NIMS ,PBMS ,PH ,PSAT ,SCON ,SEMS ,ZNMS	SARCA ,SARMG ,SARNA	LAB USE ONLY
	1	AST01@0-10"		5/13/25	9:21:00 AM	MR	SO										X		/
1	1A	AST01@0-10"		5/13/25	9:21:00 AM	MR	SO											X	/
	2	PWV01-N@3'		5/13/25	12:15:00 PM	MR	SO										X		/
2	2A	PWV01-N@3'		5/13/25	12:15:00 PM	MR	SO											X	/
	6	PWV01-B@5'		5/13/25	12:07:00 PM	MR	SO										X		/
3	6A	PWV01-B@5'		5/13/25	12:07:00 PM	MR	SO											X	/
	7	SEP01-DL@3'		5/13/25	11:53:00 AM	MR	SO										X		/
4	7A	SEP01-DL@3'		5/13/25	11:53:00 AM	MR	SO											X	/
	8	SEP01-FL@3'		5/13/25	11:50:00 AM	MR	SO										X		/
5	8A	SEP01-FL@3'		5/13/25	11:50:00 AM	MR	SO											X	/
	9	BKG01@0-6"		5/13/25	12:50:00 PM	MR	SO										X		/
6	9A	BKG01@0-6"		5/13/25	12:50:00 PM	MR	SO											X	/

Turnaround Time (Business days)
- ☐ Standard 10 Day (business)
- ☐ 5 Business Days RUSH
- ☐ 3 Business Days RUSH
- ☐ 2 Business Days RUSH
- ☐ 1 Business Day EMERGENCY
- ☒ other Due 5/19/2025

Approved By (SGS PM): / Date: RUSH

Initial Assessment (R)

Label Verification

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
- ☐
- ☒ CC

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

Comments / Special Instructions
RWA5 (7C2)

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 [signature]	4:30 5-13-25	1 FedEx	2 FedEx	0930 05/16/25	2 [signature]
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal # CS in cab	☐ Intact ☐ Not intact	Preserved where applicable ☒ NO; On Ice ☒; Cooler Temp. (18.5 IRW) Therm. ID: (Ice melted)

CHAIN OF CUSTODY

SGS

Page 2 of 2

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

FED-EX Tracking #	Bottle Order Control #
SGS Quote #	SGS Job # DA72330

Client / Reporting Information

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

Project Information

Project Name: Tasman: NENE 15-6N-64W Speicher TB
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager:

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

Requested Analysis (see TEST CODE sheet)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	AGMS, ASMS, BAMS, CDMS, CUMS, NIMS, PBMS, PH, PSAT, SCON, SEMS, ZNMS	SARCA, SARMG, SARNA	LAB USE ONLY
10	BKG01@3'		5/13/25	12:54:00 PM	MR	SO										X		/
10A	BKG01@3'		5/13/25	12:54:00 PM	MR	SO											X	/
11	BKG01@5'		5/13/25	12:58:00 PM	MR	SO										X		/
11A	BKG01@5'		5/13/25	12:58:00 PM	MR	SO											X	/

Matrix Codes

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

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [x] other Due 5/19/2025

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

Comments / Special Instructions

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

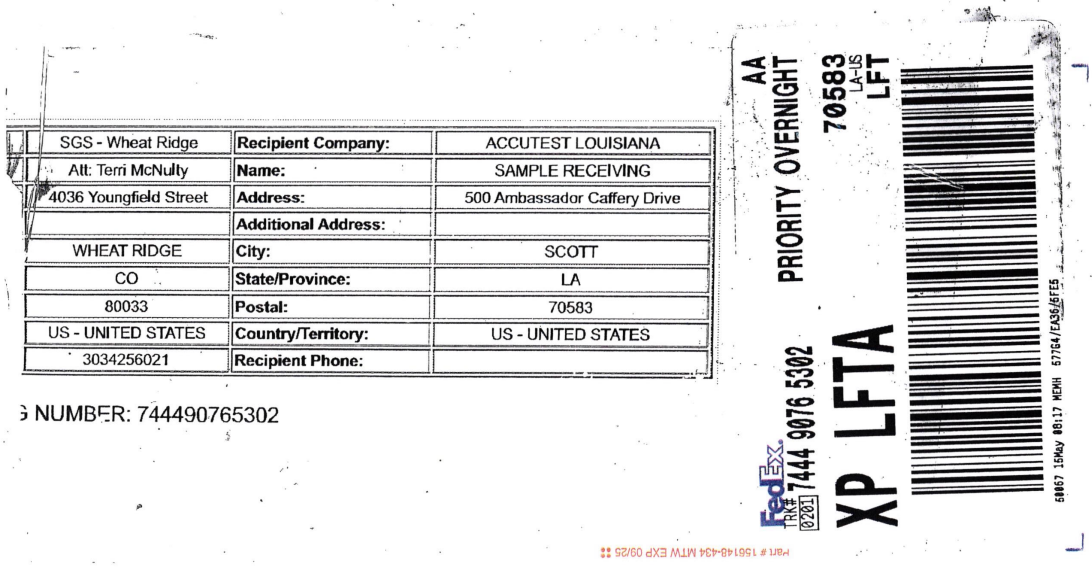
Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	4:30 5-13-25	1 [signature]	2 [signature]	05/16/25	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 ☒ On Ice ☒ Cooler Temp. (18.5 [illegible]) Therm. ID: [illegible]

13.1

13

DA72330: Chain of Custody
Page 2 of 4



SGS - Wheat Ridge	**Recipient Company:**	ACCUTEST LOUISIANA
Att: Terri McNulty	**Name:**	SAMPLE RECEIVING
4036 Youngfield Street	**Address:**	500 Ambassador Caffery Drive
	Additional Address:	
WHEAT RIDGE	**City:**	SCOTT
CO	**State/Province:**	LA
80033	**Postal:**	70583
US - UNITED STATES	**Country/Territory:**	US - UNITED STATES
3034256021	**Recipient Phone:**	

DA72330: Chain of Custody
Page 3 of 4

SGS Sample Receipt Summary

Job Number: da72330 **Client:** SGS CO **Project:** TASMAN

Date / Time Received: 5/16/2025 9:30:00 AM **Delivery Method:** fedexpress **Airbill #'s:** 744490765302

Cooler Temps (Raw Measured) °C: Cooler 1: (18.5);

Cooler Temps (Corrected) °C: Cooler 1: (18.5);

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:	irgun		
3. Cooler media:	melted ice		
4. No. Coolers:	1		

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

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

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

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

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

Comments Received samples in cooler with melted ice , temperature at 18.5. Ir002

SM089-03
Rev. Date 12/7/17

General Chemistry

QC Data Summaries

(SGS Scott, LA)

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity @ 25 C	GN32705			mmhos/cm	1.408	1.40	99.0	90-110%
pH	GN32708			su	xxxxxxx	7.01	100.1	99.1-100.9%

Associated Samples:
Batch GN32705: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
Batch GN32708: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72330
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: Tasman: NENE 15-16N-64W Speicher TB

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity @ 25 C	GN32705	DA72330-2	mmhos/cm	2.79	2.75	1.2	0-10%
pH	GN32708	DA72330-1	su	7.41	7.40	0.1	0-20%

Associated Samples:
Batch GN32705: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
Batch GN32708: DA72330-1, DA72330-2, DA72330-6, DA72330-7, DA72330-8, DA72330-9, DA72330-10, DA72330-11
(*) Outside of QC limits