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: Anderson 13,23-34,34B Tank Battery

10547

SGS Job Number: DA72970

Sampling Date: 06/11/25

Report to:

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

ATTN: Eric Vonde

Total number of pages in report: 124

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)

Table of Contents

Table of Contents

SGS North America Inc.

Sample Summary

Chevron USA, Inc.

Job No: DA72970

TASMCOA: Anderson 13,23-34,34B Tank Battery
Project No: 10547

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72970-1	06/11/25	10:55	JO	06/11/25	SO	Soil	AST01@0-6"
DA72970-1A	06/11/25	10:55	JO	06/11/25	SO	Soil	AST01@0-6"
DA72970-1B	06/11/25	10:55	JO	06/11/25	SO	Soil	AST01@0-6"
DA72970-2	06/11/25	11:00	JO	06/11/25	SO	Soil	AST02@0-6"
DA72970-2A	06/11/25	11:00	JO	06/11/25	SO	Soil	AST02@0-6"
DA72970-2B	06/11/25	11:00	JO	06/11/25	SO	Soil	AST02@0-6"
DA72970-3	06/11/25	10:30	JO	06/11/25	SO	Soil	PWV01-B@6'
DA72970-3A	06/11/25	10:30	JO	06/11/25	SO	Soil	PWV01-B@6'
DA72970-3B	06/11/25	10:30	JO	06/11/25	SO	Soil	PWV01-B@6'
DA72970-6	06/11/25	10:45	JO	06/11/25	SO	Soil	PWV01-S@2.5'
DA72970-6A	06/11/25	10:45	JO	06/11/25	SO	Soil	PWV01-S@2.5'
DA72970-6B	06/11/25	10:45	JO	06/11/25	SO	Soil	PWV01-S@2.5'

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: DA72970

TASMCOA: Anderson 13,23-34,34B Tank Battery
Project No: 10547

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72970-8	06/11/25	11:55	JO	06/11/25	SO	Soil	BKG01@0-6"
DA72970-8A	06/11/25	11:55	JO	06/11/25	SO	Soil	BKG01@0-6"
DA72970-8B	06/11/25	11:55	JO	06/11/25	SO	Soil	BKG01@0-6"
DA72970-9	06/11/25	12:00	JO	06/11/25	SO	Soil	BKG01@2.5'
DA72970-9A	06/11/25	12:00	JO	06/11/25	SO	Soil	BKG01@2.5'
DA72970-9B	06/11/25	12:00	JO	06/11/25	SO	Soil	BKG01@2.5'
DA72970-10	06/11/25	12:10	JO	06/11/25	SO	Soil	BKG01@6'
DA72970-10A	06/11/25	12:10	JO	06/11/25	SO	Soil	BKG01@6'
DA72970-10B	06/11/25	12:10	JO	06/11/25	SO	Soil	BKG01@6'

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

Summary of Hits

Job Number: DA72970
Account: Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery
Collected: 06/11/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72970-1	**AST01@0-6"**					
Arsenic		2.3	0.099		mg/kg	SW846 6020B
Barium		32.5	0.99		mg/kg	SW846 6020B
Copper		4.9	0.99		mg/kg	SW846 6020B
Lead		3.8	0.25		mg/kg	SW846 6020B
Nickel		3.7	0.99		mg/kg	SW846 6020B
Zinc		13.9	5.0		mg/kg	SW846 6020B
pH		7.88			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.48	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72970-1A	**AST01@0-6"**					
Calcium		35.6	4.0		mg/l	SW846 6010C
Magnesium		10.2	2.0		mg/l	SW846 6010C
Sodium		7.06	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.268			ratio	USDA HANDBOOK 60
DA72970-1B	**AST01@0-6"**					
No hits reported in this sample.						
DA72970-2	**AST02@0-6"**					
TPH-DRO (C10-C28)		33.2	3.9	3.7	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		78.8	5.9	4.9	mg/kg	SW846-8015C
Arsenic		1.9	0.11		mg/kg	SW846 6020B
Barium		34.4	1.1		mg/kg	SW846 6020B
Cadmium		0.061	0.053		mg/kg	SW846 6020B
Copper		4.4	1.1		mg/kg	SW846 6020B
Lead		5.8	0.27		mg/kg	SW846 6020B
Nickel		3.6	1.1		mg/kg	SW846 6020B
Zinc		17.2	5.3		mg/kg	SW846 6020B
pH		7.60			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.34	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72970-2A	**AST02@0-6"**					
Calcium		36.0	4.0		mg/l	SW846 6010C
Magnesium		7.03	2.0		mg/l	SW846 6010C
Sodium		5.14	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.205			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA72970
Account: Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery
Collected: 06/11/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72970-2B	**AST02@0-6"**					
No hits reported in this sample.						
DA72970-3	**PWV01-B@6'**					
Arsenic		3.3	0.12		mg/kg	SW846 6020B
Barium		97.2	1.2		mg/kg	SW846 6020B
Cadmium		0.16	0.059		mg/kg	SW846 6020B
Copper		7.0	1.2		mg/kg	SW846 6020B
Lead		7.5	0.30		mg/kg	SW846 6020B
Nickel		9.1	1.2		mg/kg	SW846 6020B
Zinc		30.7	5.9		mg/kg	SW846 6020B
pH		7.87			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.38	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72970-3A	**PWV01-B@6'**					
Calcium		43.6	4.0		mg/l	SW846 6010C
Magnesium		16.0	2.0		mg/l	SW846 6010C
Sodium		8.69	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.286			ratio	USDA HANDBOOK 60
DA72970-3B	**PWV01-B@6'**					
No hits reported in this sample.						
DA72970-6	**PWV01-S@2.5'**					
TPH-GRO (C6-C10)		0.217 J	0.23	0.14	mg/kg	SW846 8260B
TPH-DRO (C10-C28)		239	4.5	4.3	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		443	6.8	5.7	mg/kg	SW846-8015C
Arsenic		2.3	0.12		mg/kg	SW846 6020B
Barium		43.5	1.2		mg/kg	SW846 6020B
Copper		3.4	1.2		mg/kg	SW846 6020B
Lead		3.3	0.30		mg/kg	SW846 6020B
Nickel		3.2	1.2		mg/kg	SW846 6020B
Zinc		12.3	6.1		mg/kg	SW846 6020B
pH		7.42			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.66	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72970-6A	**PWV01-S@2.5'**					
Calcium		47.3	4.0		mg/l	SW846 6010C
Magnesium		7.12	2.0		mg/l	SW846 6010C

Summary of Hits

Job Number: DA72970
Account: Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery
Collected: 06/11/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium		6.11	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.219			ratio	USDA HANDBOOK 60
DA72970-6B	**PWV01-S@2.5'**					
No hits reported in this sample.						
DA72970-8	**BKG01@0-6"**					
Arsenic		3.5	0.11		mg/kg	SW846 6020B
Barium		55.8	1.1		mg/kg	SW846 6020B
Cadmium		0.17	0.054		mg/kg	SW846 6020B
Copper		9.1	1.1		mg/kg	SW846 6020B
Lead		6.6	0.27		mg/kg	SW846 6020B
Nickel		7.2	1.1		mg/kg	SW846 6020B
Selenium		0.22	0.21		mg/kg	SW846 6020B
Zinc		33.3	5.4		mg/kg	SW846 6020B
pH		7.39			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.83	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72970-8A	**BKG01@0-6"**					
Calcium		78.0	4.0		mg/l	SW846 6010C
Magnesium		19.2	2.0		mg/l	SW846 6010C
Sodium		39.5	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.04			ratio	USDA HANDBOOK 60
DA72970-8B	**BKG01@0-6"**					
No hits reported in this sample.						
DA72970-9	**BKG01@2.5'**					
Arsenic		5.3	0.11		mg/kg	SW846 6020B
Barium		82.2	1.1		mg/kg	SW846 6020B
Cadmium		0.22	0.056		mg/kg	SW846 6020B
Copper		8.6	1.1		mg/kg	SW846 6020B
Lead		9.0	0.28		mg/kg	SW846 6020B
Nickel		9.3	1.1		mg/kg	SW846 6020B
Selenium		0.27	0.22		mg/kg	SW846 6020B
Zinc		35.7	5.6		mg/kg	SW846 6020B
pH		7.17			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.31	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA72970
Account: Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery
Collected: 06/11/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72970-9A	**BKG01@2.5'**					
Calcium		525	4.0		mg/l	SW846 6010C
Magnesium		144	2.0		mg/l	SW846 6010C
Sodium		100	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.997			ratio	USDA HANDBOOK 60
DA72970-9B	**BKG01@2.5'**					
No hits reported in this sample.						
DA72970-10	**BKG01@6'**					
Arsenic		3.2	0.11		mg/kg	SW846 6020B
Barium		99.4	1.1		mg/kg	SW846 6020B
Cadmium		0.37	0.057		mg/kg	SW846 6020B
Copper		9.3	1.1		mg/kg	SW846 6020B
Lead		10	0.29		mg/kg	SW846 6020B
Nickel		9.4	1.1		mg/kg	SW846 6020B
Zinc		37.7	5.7		mg/kg	SW846 6020B
pH		7.69			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.34	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72970-10A	**BKG01@6'**					
Calcium		493	4.0		mg/l	SW846 6010C
Magnesium		191	2.0		mg/l	SW846 6010C
Sodium		245	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.37			ratio	USDA HANDBOOK 60
DA72970-10B	**BKG01@6'**					
No hits reported in this sample.						

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72970-1	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8260B	**Percent Solids:**	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36635.D	1	06/21/25 21:03	MB	n/a	n/a	V4V1848
Run #2							

	Initial Weight	Final Volume
Run #1	5.43 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	0.00098	0.00049	mg/kg	
100-41-4	Ethylbenzene	ND	0.0020	0.00049	mg/kg	
108-88-3	Toluene	ND	0.0020	0.00098	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0020	0.00088	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0020	0.00088	mg/kg	
	m,p-Xylene	ND	0.0020	0.0018	mg/kg	
95-47-6	o-Xylene	ND	0.0020	0.00068	mg/kg	
1330-20-7	Xylene (total)	ND	0.0020	0.0018	mg/kg	
	TPH-GRO (C6-C10)	ND	0.20	0.12	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		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@0-6"		
Lab Sample ID:	DA72970-1	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G001823.D	1	06/14/25 23:02	ZL	06/14/25 11:00	OP27864	E7G69
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	0.0042	0.0021	mg/kg	
120-12-7	Anthracene	ND	0.0042	0.0021	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0053	0.0032	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0042	0.0021	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0042	0.0021	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0042	0.0021	mg/kg	
218-01-9	Chrysene	ND	0.0042	0.0021	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0042	0.0021	mg/kg	
206-44-0	Fluoranthene	ND	0.0042	0.0021	mg/kg	
86-73-7	Fluorene	ND	0.0042	0.0021	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0042	0.0021	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0042	0.0021	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0042	0.0021	mg/kg	
91-20-3	Naphthalene	ND	0.0021	0.0016	mg/kg	
129-00-0	Pyrene	ND	0.0042	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	73%		10-130%
4165-60-0	Nitrobenzene-d5	67%		10-130%
1718-51-0	Terphenyl-d14	84%		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@0-6"		
Lab Sample ID:	DA72970-1	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43717.D	1	06/12/25 20:00	JB	06/12/25 10:00	OP27855	GLW1018
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	4.1	3.9	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.1	5.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		20-142%

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@0-6"		
Lab Sample ID:	DA72970-1	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.099	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	32.5	0.99	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.050	0.050	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.9	0.99	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	3.8	0.25	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.7	0.99	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.20	0.20	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.050	0.050	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.9	5.0	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19298
(2) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72970-1	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94.2		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.88		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.48	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.41	0.41	mg/kg	1	06/21/25 13:14	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72970-1A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	35.6	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	10.2	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	7.06	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72970-1A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.268		ratio	1	06/18/25 14:41	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72970-1B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	94.2
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/16/25	06/18/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19263
(2) Prep QC Batch: MP41578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72970-2	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8260B	**Percent Solids:**	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V91691.D	1	06/21/25 21:11	MB	n/a	n/a	V5V4413
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	0.00053	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	0.00063	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	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%
17060-07-0	1,2-Dichloroethane-D4	83%		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:	AST02@0-6"		
Lab Sample ID:	DA72970-2	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57700.D	1	06/14/25 16:05	ZL	06/14/25 11:00	OP27864	E3G2813
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	0.0044	0.0022	mg/kg	
120-12-7	Anthracene	ND	0.0044	0.0022	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0055	0.0033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0044	0.0022	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0044	0.0022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0044	0.0022	mg/kg	
218-01-9	Chrysene	ND	0.0044	0.0022	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0044	0.0022	mg/kg	
206-44-0	Fluoranthene	ND	0.0044	0.0022	mg/kg	
86-73-7	Fluorene	ND	0.0044	0.0022	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0044	0.0022	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0044	0.0022	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0044	0.0022	mg/kg	
91-20-3	Naphthalene	ND	0.0022	0.0016	mg/kg	
129-00-0	Pyrene	ND	0.0044	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	75%		10-130%
4165-60-0	Nitrobenzene-d5	69%		10-130%
1718-51-0	Terphenyl-d14	78%		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:	AST02@0-6"		
Lab Sample ID:	DA72970-2	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43718.D	1	06/12/25 20:16	JB	06/12/25 10:00	OP27855	GLW1018
Run #2							

	Initial Weight	Final Volume
Run #1	5.7 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	33.2	3.9	3.7	mg/kg	
	TPH-ORO (> C28-C36)	78.8	5.9	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		20-142%

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:	AST02@0-6"		
Lab Sample ID:	DA72970-2	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.9	0.11	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	34.4	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.061	0.053	mg/kg	10	06/26/25	06/30/25	DW	SW846 6020B [2]	SW846 3050B [3]
Copper	4.4	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	5.8	0.27	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	3.6	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.21	0.21	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Silver	< 0.053	0.053	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	17.2	5.3	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19298
(2) Instrument QC Batch: MA19301
(3) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72970-2	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	89.8		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.60		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.34	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	06/21/25 13:38	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72970-2A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	36.0	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	7.03	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	5.14	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72970-2A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.205		ratio	1	06/18/25 14:44	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72970-2B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	89.8
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/16/25	06/18/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19263
(2) Prep QC Batch: MP41578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@6'		
Lab Sample ID:	DA72970-3	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8260B	**Percent Solids:**	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V91692.D	1	06/21/25 21:36	MB	n/a	n/a	V5V4413
Run #2							

	Initial Weight	Final Volume
Run #1	5.13 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	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%
17060-07-0	1,2-Dichloroethane-D4	84%		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@6'		
Lab Sample ID:	DA72970-3	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7G001807.D	1	06/14/25 16:20	ZL	06/14/25 11:00	OP27864	E7G69
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	0.0046	0.0023	mg/kg	
120-12-7	Anthracene	ND	0.0046	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0058	0.0035	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0046	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0046	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0046	0.0023	mg/kg	
218-01-9	Chrysene	ND	0.0046	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0046	0.0023	mg/kg	
206-44-0	Fluoranthene	ND	0.0046	0.0023	mg/kg	
86-73-7	Fluorene	ND	0.0046	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0046	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0046	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0046	0.0023	mg/kg	
91-20-3	Naphthalene	ND	0.0023	0.0017	mg/kg	
129-00-0	Pyrene	ND	0.0046	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	73%		10-130%
4165-60-0	Nitrobenzene-d5	75%		10-130%
1718-51-0	Terphenyl-d14	91%		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@6'		
Lab Sample ID:	DA72970-3	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43719.D	1	06/12/25 20:31	JB	06/12/25 10:00	OP27855	GLW1018
Run #2							

	Initial Weight	Final Volume
Run #1	5.7 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	4.2	3.9	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.2	5.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		20-142%

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@6'		
Lab Sample ID:	DA72970-3	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.3	0.12	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	97.2	1.2	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.16	0.059	mg/kg	10	06/26/25	06/30/25	DW	SW846 6020B [2]	SW846 3050B [3]
Copper	7.0	1.2	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	7.5	0.30	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	9.1	1.2	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.24	0.24	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Silver	< 0.059	0.059	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	30.7	5.9	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19298
(2) Instrument QC Batch: MA19301
(3) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@6'		
Lab Sample ID:	DA72970-3	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	84.7		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.87		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.38	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	06/21/25 13:46	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@6'		
Lab Sample ID:	DA72970-3A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	43.6	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	16.0	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	8.69	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@6'		
Lab Sample ID:	DA72970-3A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.286		ratio	1	06/18/25 14:47	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@6'		
Lab Sample ID:	DA72970-3B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	84.7
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/16/25	06/18/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19263
(2) Prep QC Batch: MP41578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA72970-6	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8260B	**Percent Solids:**	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36682.D	1	06/23/25 18:35	MB	n/a	n/a	V4V1850
Run #2							

	Initial Weight	Final Volume
Run #1	5.48 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	0.00056	mg/kg	
100-41-4	Ethylbenzene	ND	0.0023	0.00056	mg/kg	
108-88-3	Toluene	ND	0.0023	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0023	0.0010	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0023	0.0010	mg/kg	
	m,p-Xylene	ND	0.0023	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0023	0.00079	mg/kg	
1330-20-7	Xylene (total)	ND	0.0023	0.0020	mg/kg	
	TPH-GRO (C6-C10)	0.217	0.23	0.14	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	118%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		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-S@2.5'		
Lab Sample ID:	DA72970-6	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57703.D	1	06/14/25 17:28	ZL	06/14/25 11:00	OP27864	E3G2813
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	0.0048	0.0024	mg/kg	
120-12-7	Anthracene	ND	0.0048	0.0024	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0061	0.0036	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0048	0.0024	mg/kg	
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	ND	0.0048	0.0024	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0048	0.0024	mg/kg	
206-44-0	Fluoranthene	ND	0.0048	0.0024	mg/kg	
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	ND	0.0048	0.0024	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		10-130%
4165-60-0	Nitrobenzene-d5	69%		10-130%
1718-51-0	Terphenyl-d14	74%		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-S@2.5'		
Lab Sample ID:	DA72970-6	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43720.D	1	06/12/25 20:47	JB	06/12/25 10:00	OP27855	GLW1018
Run #2							

	Initial Weight	Final Volume
Run #1	5.5 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	239	4.5	4.3	mg/kg	
	TPH-ORO (> C28-C36)	443	6.8	5.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		20-142%

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-S@2.5'		
Lab Sample ID:	DA72970-6	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.3	0.12	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	43.5	1.2	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.061	0.061	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.4	1.2	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	3.3	0.30	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.2	1.2	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.061	0.061	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	12.3	6.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19298
(2) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA72970-6	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	81		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.42		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.66	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	06/21/25 14:02	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA72970-6A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	47.3	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	7.12	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	6.11	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA72970-6A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.219		ratio	1	06/18/25 14:50	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA72970-6B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	81.0
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/16/25	06/18/25	CDL	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19263
(2) Prep QC Batch: MP41578

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72970-8	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	85.6
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.5	0.11	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	55.8	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.17	0.054	mg/kg	10	06/26/25	06/30/25	DW	SW846 6020B [2]	SW846 3050B [3]
Copper	9.1	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	6.6	0.27	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	7.2	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	0.22	0.21	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Silver	< 0.054	0.054	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	33.3	5.4	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19298
(2) Instrument QC Batch: MA19301
(3) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72970-8	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	85.6
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	85.6		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.39		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.83	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	06/21/25 14:33	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72970-8A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	85.6
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	78.0	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	19.2	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	39.5	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72970-8A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	85.6
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.04		ratio	1	06/18/25 14:52	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@0-6"		
Lab Sample ID:	DA72970-8B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	85.6
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/18/25	06/19/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19268
(2) Prep QC Batch: MP41579

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@2.5'		
Lab Sample ID:	DA72970-9	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	88.1
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.3	0.11	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	82.2	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.22	0.056	mg/kg	10	06/26/25	06/30/25	DW	SW846 6020B [2]	SW846 3050B [3]
Copper	8.6	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	9.0	0.28	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	9.3	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	0.27	0.22	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Silver	< 0.056	0.056	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	35.7	5.6	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19298
(2) Instrument QC Batch: MA19301
(3) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@2.5'		
Lab Sample ID:	DA72970-9	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	88.1
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	88.1		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.17		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.31	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	06/21/25 14:49	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@2.5'		
Lab Sample ID:	DA72970-9A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	88.1
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	525	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	144	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	100	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@2.5'		
Lab Sample ID:	DA72970-9A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	88.1
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.997		ratio	1	06/18/25 14:55	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@2.5'		
Lab Sample ID:	DA72970-9B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	88.1
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/18/25	06/19/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19268
(2) Prep QC Batch: MP41579

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@6'		
Lab Sample ID:	DA72970-10	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	83.9
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.11	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	99.4	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.37	0.057	mg/kg	10	06/26/25	06/30/25	DW	SW846 6020B [2]	SW846 3050B [3]
Copper	9.3	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	10	0.29	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	9.4	1.1	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.23	0.23	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Silver	< 0.057	0.057	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	37.7	5.7	mg/kg	10	06/26/25	06/27/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19298
(2) Instrument QC Batch: MA19301
(3) Prep QC Batch: MP41594

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@6'		
Lab Sample ID:	DA72970-10	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	83.9
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.9		%	1	06/12/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.69		su	1	06/17/25 09:27	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.34	0.0010	mmhos/cm	1	06/17/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	06/21/25 15:05	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@6'		
Lab Sample ID:	DA72970-10A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	83.9
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	493	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	191	2.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	245	4.0	mg/l	1	06/16/25	06/18/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19258
(2) Prep QC Batch: MP41563

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@6'		
Lab Sample ID:	DA72970-10A	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	83.9
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.37		ratio	1	06/18/25 16:12	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BKG01@6'		
Lab Sample ID:	DA72970-10B	**Date Sampled:**	06/11/25
Matrix:	SO - Soil	**Date Received:**	06/11/25
		Percent Solids:	83.9
Project:	TASMCOA: Anderson 13,23-34,34B Tank Battery		

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	06/18/25	06/19/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19268
(2) Prep QC Batch: MP41579

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS

CHAIN OF CUSTODY

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

Page 1 of 1

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	**SGS Job #** DA72970

Client / Reporting Information		Project Information	
Company: Tasman		Project Name: Anderson 13,23-34;34B Tank Battery Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐	
Street: 4725 Independence St.		Street:	**Billing Information (if different from Report to)**
City, State ZIP: Wheat Ridge, CO 80033		City, State ZIP:	Company: PDC Energy Inc.
Project Contact:		Project #: 10547	Street Address: 4000 Burlington Ave.
Phone: (972) 834 - 6036		Client Purchase Order #: VWRWE-A5060-AES	City, State ZIP: Evans, CO 80620
Email: tas-chevron-1@tasman-geo.com; RBUEUF27@chevron.com			
Sampler(s) Name(s): Jess O'Neal		Project Manager: Andy Sagen	Attention: Karen Olson

Requested Analysis (see TEST CODE sheet)

	Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	**Metals (specify):	Metals - 915	VOC - 915	TPH - 915	PAH - 915	SAR, EC, pH	Boron - HWS	HOLD	LAB USE ONLY
01	ASTØ1@Ø-6"	6/11/25	1Ø:55	JO	SO	3	3											X	X	X	X	X	X		
02	ASTØ2@Ø-6"	↓	11:ØØ	JO	SO	↓	↓											↓	↓	↓	↓	↓	↓		
03	PWVØ1-B@6'	↓	10:3Ø	↓	↓	↓	↓											↓	↓	↓	↓	↓	↓		
04	PWVØ1-N@2.5'	↓	1Ø:35	↓	↓	↓	↓											↓	↓	↓	↓	↓	↓	X	
05	PWVØ1-E@2.5'	↓	1Ø:4Ø	↓	↓	↓	↓											↓	↓	↓	↓	↓	↓	X	
06	PWVØ1-S@2.5'	↓	1Ø:45	↓	↓	↓	↓											↓	↓	↓	↓	↓	↓		
07	PWVØ1-W@2.5'	↓	1Ø:5Ø	↓	↓	↓	↓											↓	↓	↓	↓	↓	↓	X	
08	BKGØ1@Ø-6"	↓	11:55	↓	↓	2	2											↓				↓	↓		
09	BKGØ1@2.5'	↓	12:ØØ	↓	↓	↓	↓											↓				↓	↓		
10	BKG01@6'	↓	12:1Ø	↓	↓	↓	↓											↓				↓	↓		

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

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

Special Reporting Instructions

- ☐ Report in PPB
- ☐ Report in PPM
- ☐ Report MDLs

Data Deliverable Information

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

Comments / Special Instructions

***Metals: specify metal(s), method, and type (D, PD, TR)*
Facility ID: 472956
REM# 40261

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 [signature]	6/11/25 14:32	1 [signature]	2		2
Relinquished by/Affiliation:	**Date/Time:**	**Received By/Affiliation:**	**Relinquished By/Affiliation:**	**Date/Time:**	**Received By/Affiliation:**
3		3	4		4

Custody Seal #: Intact ☐ Not intact ☐ Absent ☐ | Preserved where applicable ☐ | Cooler Temp. °C (corrected): 3.5 | Therm. ID: IR2 | On Ice ☑

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

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

DA72970: Chain of Custody
Page 1 of 2

4.1 4

SGS Sample Receipt Summary

Job Number: da72970 **Client:** TASMAN **Project:** ANDERSON 13,23-34,34B TB

Date / Time Received: 6/11/2025 2:32:00 PM **Delivery Method:** hd **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.5);

Cooler Temps (Corrected) °C: Cooler 1: (3.5);

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: 6/11/2025 2:40:23 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: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1848-MB	4V36611.D	1	06/21/25	MB	n/a	n/a	V4V1848

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

DA72970-1

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	0.90	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.90	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	120	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	90%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

Method Blank Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4413-MB	5V91684.D	1	06/21/25	MB	n/a	n/a	V5V4413

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

DA72970-2, DA72970-3

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	120	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	106%	70-130%
17060-07-0	1,2-Dichloroethane-D4	85%	70-130%

Method Blank Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1850-MB	4V36673.D	1	06/23/25	MB	n/a	n/a	V4V1850

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

DA72970-6

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	0.90	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.90	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	120	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	90%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1848-BS	4V36609.D	1	06/21/25	MB	n/a	n/a	V4V1848

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

DA72970-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	50.6	101	70-130
100-41-4	Ethylbenzene	50	48.7	97	70-130
108-88-3	Toluene	50	47.8	96	70-130
95-63-6	1,2,4-Trimethylbenzene	50	44.5	89	70-130
108-67-8	1,3,5-Trimethylbenzene	50	45.0	90	70-130
	m,p-Xylene	100	100	100	70-130
95-47-6	o-Xylene	50	52.3	105	70-130
1330-20-7	Xylene (total)	150	153	102	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	112%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1848-BS	4V36610.D	1	06/21/25	MB	n/a	n/a	V4V1848

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

DA72970-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1840	92	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4413-BS	5V91682.D	1	06/21/25	MB	n/a	n/a	V5V4413

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

DA72970-2, DA72970-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	43.0	86	70-130
100-41-4	Ethylbenzene	50	44.2	88	70-130
108-88-3	Toluene	50	43.2	86	70-130
95-63-6	1,2,4-Trimethylbenzene	50	44.2	88	70-130
108-67-8	1,3,5-Trimethylbenzene	50	43.9	88	70-130
	m,p-Xylene	100	89.4	89	70-130
95-47-6	o-Xylene	50	44.4	89	70-130
1330-20-7	Xylene (total)	150	134	89	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	78%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4413-BS	5V91683.D	1	06/21/25	MB	n/a	n/a	V5V4413

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

DA72970-2, DA72970-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2690	135	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	81%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1850-BS	4V36671.D	1	06/23/25	MB	n/a	n/a	V4V1850

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

DA72970-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	45.7	91	70-130
100-41-4	Ethylbenzene	50	43.7	87	70-130
108-88-3	Toluene	50	43.6	87	70-130
95-63-6	1,2,4-Trimethylbenzene	50	42.9	86	70-130
108-67-8	1,3,5-Trimethylbenzene	50	43.4	87	70-130
	m,p-Xylene	100	89.1	89	70-130
95-47-6	o-Xylene	50	47.3	95	70-130
1330-20-7	Xylene (total)	150	136	91	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	112%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1850-BS	4V36672.D	1	06/23/25	MB	n/a	n/a	V4V1850

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

DA72970-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1730	87	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	94%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72910-10MS	4V36614.D	1	06/21/25	MB	n/a	n/a	V4V1848
DA72910-10MSD	4V36615.D	1	06/21/25	MB	n/a	n/a	V4V1848
DA72910-10	4V36612.D	1	06/21/25	MB	n/a	n/a	V4V1848

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

DA72970-1

CAS No.	Compound	DA72910-10 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		49	45.5	93	50.6	44.2	87	3	43-130/30
100-41-4	Ethylbenzene	ND		49	37.0	75	50.6	34.1	67	8	15-145/30
108-88-3	Toluene	ND		49	38.8	79	50.6	36.4	72	6	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		49	32.0	65	50.6	29.8	59	7	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		49	32.9	67	50.6	30.2	60	9	6-159/30
	m,p-Xylene	ND		98.1	72.5	74	101	67.7	67	7	21-142/30
95-47-6	o-Xylene	ND		49	44.2	90	50.6	41.0	81	8	25-140/30
1330-20-7	Xylene (total)	ND		147	117	80	152	109	72	7	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72910-10	Limits
1868-53-7	Dibromofluoromethane	105%	102%	103%	70-130%
2037-26-5	Toluene-D8	95%	94%	94%	70-130%
460-00-4	4-Bromofluorobenzene	109%	107%	113%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	101%	101%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72930-4MS	4V36616.D	1	06/21/25	MB	n/a	n/a	V4V1848
DA72930-4MSD	4V36617.D	1	06/21/25	MB	n/a	n/a	V4V1848
DA72930-4	4V36613.D	1	06/21/25	MB	n/a	n/a	V4V1848

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

DA72970-1

CAS No.	Compound	DA72930-4 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		2160	1360	63	2110	1340	63	1	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72930-4	Limits
1868-53-7	Dibromofluoromethane	103%	98%	99%	70-130%
2037-26-5	Toluene-D8	92%	92%	92%	70-130%
460-00-4	4-Bromofluorobenzene	96%	96%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	99%	97%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72976-11MS	5V91687.D	1	06/21/25	MB	n/a	n/a	V5V4413
DA72976-11MSD	5V91688.D	1	06/21/25	MB	n/a	n/a	V5V4413
DA72976-11	5V91685.D	1	06/21/25	MB	n/a	n/a	V5V4413

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

DA72970-2, DA72970-3

CAS No.	Compound	DA72976-11 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		57.9	38.6	67	56.1	40.3	72	4	43-130/30
100-41-4	Ethylbenzene	ND		57.9	38.3	66	56.1	39.4	70	3	15-145/30
108-88-3	Toluene	ND		57.9	38.5	66	56.1	39.4	70	2	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		57.9	39.9	69	56.1	40.8	73	2	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		57.9	40.1	69	56.1	41.3	74	3	6-159/30
	m,p-Xylene	ND		116	78.1	67	112	80.0	71	2	21-142/30
95-47-6	o-Xylene	ND		57.9	38.8	67	56.1	39.9	71	3	25-140/30
1330-20-7	Xylene (total)	ND		174	117	67	168	120	71	3	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72976-11	Limits
1868-53-7	Dibromofluoromethane	102%	103%	105%	70-130%
2037-26-5	Toluene-D8	100%	97%	100%	70-130%
460-00-4	4-Bromofluorobenzene	97%	98%	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	80%	83%	82%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72977-4MS	5V91689.D	1	06/21/25	MB	n/a	n/a	V5V4413
DA72977-4MSD	5V91690.D	1	06/21/25	MB	n/a	n/a	V5V4413
DA72977-4	5V91686.D	1	06/21/25	MB	n/a	n/a	V5V4413

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

DA72970-2, DA72970-3

CAS No.	Compound	DA72977-4 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		2330	2860	123	2380	2900	122	1	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72977-4	Limits
1868-53-7	Dibromofluoromethane	99%	101%	102%	70-130%
2037-26-5	Toluene-D8	101%	98%	100%	70-130%
460-00-4	4-Bromofluorobenzene	100%	101%	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	77%	82%	78%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72977-5MS	4V36676.D	1	06/23/25	MB	n/a	n/a	V4V1850
DA72977-5MSD	4V36677.D	1	06/23/25	MB	n/a	n/a	V4V1850
DA72977-5	4V36674.D	1	06/23/25	MB	n/a	n/a	V4V1850

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

DA72970-6

CAS No.	Compound	DA72977-5 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		56.6	53.2	94	57.4	53.4	93	0	43-130/30
100-41-4	Ethylbenzene	ND		56.6	49.5	87	57.4	48.9	85	1	15-145/30
108-88-3	Toluene	ND		56.6	48.6	86	57.4	47.0	82	3	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		56.6	45.6	81	57.4	44.5	78	2	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		56.6	46.1	81	57.4	44.5	78	4	6-159/30
	m,p-Xylene	ND		113	101	89	115	99.8	87	1	21-142/30
95-47-6	o-Xylene	ND		56.6	51.6	91	57.4	55.8	97	8	25-140/30
1330-20-7	Xylene (total)	ND		170	153	90	172	156	91	2	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72977-5	Limits
1868-53-7	Dibromofluoromethane	101%	105%	96%	70-130%
2037-26-5	Toluene-D8	94%	92%	93%	70-130%
460-00-4	4-Bromofluorobenzene	112%	99%	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	95%	96%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA73019-10MS	4V36678.D	1	06/23/25	MB	n/a	n/a	V4V1850
DA73019-10MSD	4V36679.D	1	06/23/25	MB	n/a	n/a	V4V1850
DA73019-10	4V36675.D	1	06/23/25	MB	n/a	n/a	V4V1850

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

DA72970-6

CAS No.	Compound	DA73019-10 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		2240	1980	89	2180	1960	90	1	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA73019-10	Limits
1868-53-7	Dibromofluoromethane	97%	98%	101%	70-130%
2037-26-5	Toluene-D8	94%	94%	90%	70-130%
460-00-4	4-Bromofluorobenzene	94%	92%	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	95%	93%	99%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27864-MB	7G001801.D	1	06/14/25	ZL	06/14/25	OP27864	E7G69

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

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	72%	10-130%
4165-60-0	Nitrobenzene-d5	65%	10-130%
1718-51-0	Terphenyl-d14	101%	10-130%

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27864-BS	7G001802.D	1	06/14/25	ZL	06/14/25	OP27864	E7G69

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	163	82	31-130
120-12-7	Anthracene	200	165	83	46-134
56-55-3	Benzo(a)anthracene	200	156	78	52-135
205-99-2	Benzo(b)fluoranthene	200	212	106	50-136
207-08-9	Benzo(k)fluoranthene	200	187	94	52-134
50-32-8	Benzo(a)pyrene	200	173	87	50-130
218-01-9	Chrysene	200	169	85	51-131
53-70-3	Dibenzo(a,h)anthracene	200	142	71	49-136
206-44-0	Fluoranthene	200	171	86	51-137
86-73-7	Fluorene	200	153	77	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	154	77	50-139
90-12-0	1-Methylnaphthalene	200	159	80	18-130
91-57-6	2-Methylnaphthalene	200	158	79	16-130
91-20-3	Naphthalene	200	156	78	5-130
129-00-0	Pyrene	200	213	107	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	74%	10-130%
4165-60-0	Nitrobenzene-d5	73%	10-130%
1718-51-0	Terphenyl-d14	91%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27864-MS	7G001803.D	1	06/14/25	ZL	06/14/25	OP27864	E7G69
OP27864-MSD	7G001804.D	1	06/14/25	ZL	06/14/25	OP27864	E7G69
DA72970-1	7G001823.D	1	06/14/25	ZL	06/14/25	OP27864	E7G69

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

CAS No.	Compound	DA72970-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		212	174	82	208	177	85	2	12-130/52
120-12-7	Anthracene	ND		212	172	81	208	170	82	1	31-130/60
56-55-3	Benzo(a)anthracene	ND		212	168	79	208	167	80	1	34-130/60
205-99-2	Benzo(b)fluoranthene	ND		212	217	102	208	231	111	6	10-168/60
207-08-9	Benzo(k)fluoranthene	ND		212	216	102	208	221	106	2	30-130/60
50-32-8	Benzo(a)pyrene	ND		212	200	94	208	208	100	4	10-179/60
218-01-9	Chrysene	ND		212	182	86	208	185	89	2	34-130/60
53-70-3	Dibenzo(a,h)anthracene	ND		212	159	75	208	164	79	3	20-138/60
206-44-0	Fluoranthene	ND		212	182	86	208	183	88	1	32-130/60
86-73-7	Fluorene	ND		212	161	76	208	165	79	2	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	ND		212	172	81	208	181	87	5	17-148/60
90-12-0	1-Methylnaphthalene	ND		212	162	76	208	166	80	2	10-130/41
91-57-6	2-Methylnaphthalene	ND		212	159	75	208	168	81	6	14-130/40
91-20-3	Naphthalene	ND		212	160	75	208	166	80	4	10-130/40
129-00-0	Pyrene	ND		212	225	106	208	223	107	1	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA72970-1	Limits
321-60-8	2-Fluorobiphenyl	74%	75%	73%	10-130%
4165-60-0	Nitrobenzene-d5	69%	66%	67%	10-130%
1718-51-0	Terphenyl-d14	84%	89%	84%	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: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27855-MB	LW43710.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

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	97%	20-142%

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27855-BS	LW43711.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	173	87	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	89%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27855-BS2	LW43712.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

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

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27855-MS1	LW43713.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018
OP27855-MSD1	LW43714.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018
DA72970-1	LW43717.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

CAS No.	Compound	DA72970-1 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		190	167	88	192	168	88	1	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72970-1	Limits
84-15-1	o-Terphenyl	96%	81%	80%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72970
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27855-MS2	LW43715.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018
OP27855-MSD2	LW43716.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018
DA72970-2	LW43718.D	1	06/12/25	JB	06/12/25	OP27855	GLW1018

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

DA72970-1, DA72970-2, DA72970-3, DA72970-6

CAS No.	Compound	DA72970-2 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)	78.8		218	318	110	219	302	102	5	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72970-2	Limits
84-15-1	o-Terphenyl	94%	87%	86%	20-142%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1000	460	150		
Antimony	300	140	68		
Arsenic	250	220	46		
Barium	100	3	13		
Beryllium	100	10	13		
Boron	500	33	63		
Cadmium	100	19	13		
Calcium	4000	66	500	617	<4000
Chromium	100	11	13		
Cobalt	50	27	6.3		
Copper	100	46	13		
Iron	700	89	120		
Lead	500	130	63		
Lithium	50	6	13		
Magnesium	2000	500	250	23.0	<2000
Manganese	50	5	6.3		
Molybdenum	100	85	28		
Nickel	300	62	38		
Phosphorus	1000	910	160		
Potassium	10000	840	1300		
Selenium	500	300	220		
Silicon	2000	410	1500		
Silver	300	6	38		
Sodium	4000	130	500	163	<4000
Strontium	50	1	6.3		
Thallium	100	170	43		
Tin	600	410	510		
Titanium	100	5	13		
Uranium	500	39	85		
Vanadium	100	9	13		
Zinc	300	90	38		

Associated samples MP41563: DA72970-1A, DA72970-2A, DA72970-3A, DA72970-6A, DA72970-8A, DA72970-9A, DA72970-10A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	DA72976-5A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	32400	269000	200000	118.3	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	17400	208000	200000	95.3	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	4400	202000	200000	98.8	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP41563: DA72970-1A, DA72970-2A, DA72970-3A, DA72970-6A, DA72970-8A, DA72970-9A, DA72970-10A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

Metal	DA72976-5A Original MS	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

Metal	DA72976-5A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	32400	232000	200000	99.8	14.8	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	17400	200000	200000	91.3	3.9	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	4400	195000	200000	95.3	3.5	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP41563: DA72970-1A, DA72970-2A, DA72970-3A, DA72970-6A, DA72970-8A, DA72970-9A, DA72970-10A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

Metal	DA72976-5A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

(*) 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: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	186000	200000	93.0	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	182000	200000	91.0	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	191000	200000	95.5	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41563: DA72970-1A, DA72970-2A, DA72970-3A, DA72970-6A, DA72970-8A, DA72970-9A, DA72970-10A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41563
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

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	1.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP41578: DA72970-1B, DA72970-2B, DA72970-3B, DA72970-6B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

Metal	DA72970-6B Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	116	136	15.9	0-20
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 MP41578: DA72970-1B, DA72970-2B, DA72970-3B, DA72970-6B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

	DA72970-6B		QC
Metal	Original DUP	RPD	Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9570	10000	95.7	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41578: DA72970-1B, DA72970-2B, DA72970-3B, DA72970-6B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/16/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

Metal	DA72970-6B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	23.2	18.7	19.4 (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 MP41578: DA72970-1B, DA72970-2B, DA72970-3B, DA72970-6B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41578 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/16/25

	DA72970-6B		QC
Metal	Original SDL 1:5	%DIF	Limits

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41579
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

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	10.5	<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 MP41579: DA72970-8B, DA72970-9B, DA72970-10B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41579 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/18/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41579
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	DA72976-8B Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	403	337	17.8	0-20
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 MP41579: DA72970-8B, DA72970-9B, DA72970-10B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41579 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/18/25

	DA72976-8B		QC
Metal	Original DUP	RPD	Limits

(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41579
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9370	10000	93.7	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41579: DA72970-8B, DA72970-9B, DA72970-10B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41579
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41594 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/26/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.023	<0.10
Barium	1.0	.048	.12	0.10	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.00040	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.054	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.012	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	-0.0024	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.015	<0.20
Silver	0.050	.0041	.015	0.0016	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	0.52	<5.0

Associated samples MP41594: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10

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: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41594 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/26/25

Metal	DA72951-10 Original	MS	Spikelot ICPMS5	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	3.8	102	107	91.8	75-125
Barium	84.9	293	214	97.3	75-125
Beryllium					
Boron					
Cadmium	0.22	53.0	53.5	98.7	75-125
Calcium					
Chromium					
Cobalt					
Copper	8.5	58.7	53.5	94.6	75-125
Iron					
Lead	9.9	116	107	99.2	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	8.9	58.4	53.5	93.3	75-125
Phosphorus					
Potassium					
Selenium	0.26	98.2	107	91.6	75-125
Silver	0.046	21.2	21.4	98.9	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	37.8	90.9	53.5	99.3	75-125

Associated samples MP41594: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41594 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 06/26/25

Metal	DA72951-10 Original	MSD	Spikelot ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	3.8	96.1	107	86.3	6.0	20
Barium	84.9	277	214	89.8	5.6	20
Beryllium						
Boron						
Cadmium	0.22	49.8	53.5	92.8	6.2	20
Calcium						
Chromium						
Cobalt						
Copper	8.5	55.7	53.5	89.0	5.2	20
Iron						
Lead	9.9	109	107	92.7	6.2	20
Magnesium						
Manganese						
Molybdenum						
Nickel	8.9	55.6	53.5	88.1	4.9	20
Phosphorus						
Potassium						
Selenium	0.26	92.4	107	86.2	6.1	20
Silver	0.046	19.8	21.4	92.4	6.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	37.8	90.5	53.5	98.6	0.4	20

Associated samples MP41594: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10

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: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41594
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/26/25

Metal	BSP Result	Spikelot ICPMS5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	90.6	100	90.6	80-120
Barium	176	200	88.0	80-120
Beryllium				
Boron				
Cadmium	46.4	50	92.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	46.8	50	93.6	80-120
Iron				
Lead	92.4	100	92.4	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	46.0	50	92.0	80-120
Phosphorus				
Potassium				
Selenium	90.6	100	90.6	80-120
Silver	18.5	20	92.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	46.2	50	92.4	80-120

Associated samples MP41594: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

QC Batch ID: MP41594
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 06/26/25

Metal	DA72951-10 Original	SDL 10	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	72.3	73.3	1.4	0-20
Barium	1600	1580	1.7	0-20
Beryllium				
Boron				
Cadmium	4.15	2.63	33.4 (a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	161	147	3.8	0-20
Iron				
Lead	187	173	7.2	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	169	152	5.8	0-20
Phosphorus				
Potassium				
Selenium	4.83	4.73	9.7	0-20
Silver	0.875	0.738	15.7	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	713	756	6.0	0-20

Associated samples MP41594: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10

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

General Chemistry

QC Data Summaries

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP38796/GN67416			mmhos/cm	xxxxxxxx	1.4	102.8	90-110%

Associated Samples:
Batch GP38796: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72970
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Anderson 13,23-34,34B Tank Battery

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP38796/GN67416	DA72976-4	mmhos/cm	0.28	0.28	1.4	0-20%
pH	GN67412	DA72952-3	su	8.05	8.06	0.4	0-5%

Associated Samples:
Batch GN67412: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10
Batch GP38796: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

SGS

CHAIN OF CUSTODY

Page 1 of 1

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 #: 7444 9077 0735
Bottle Order Control #:
SGS Quote #:
SGS Job #: DA72970

Client / Reporting Information	Project Information
Company Name: SGS North America Inc.	Project Name: TASMCOA: Anderson 13,23-34,34b Tank Battery
Street Address: 4036 Youngfield Street	Street:
City: Wheat Ridge, State: CO, Zip: 8003:	City: State:
Project Contact: E-mail: parna.eskandaripayandeh@sgs.com	Project #:
Phone #: 303-425-6021 Fax #:	Client Purchase Order #:
Sampler(s) Name(s): JO Phone:	Project Manager:

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

Requested Analysis (see TEST CODE sheet): V8260GRO ,V8260T915 ,XCRA7199 ; XCRA7199

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	V8260GRO ,V8260T915 ,XCRA7199	XCRA7199	LAB USE ONLY
1	AST01@0-6"		6/11/25	10:55:00 AM	JO	SO										X		
2	AST02@0-6"		6/11/25	11:00:00 AM	JO	SO										X		
3	PWV01-B@6'		6/11/25	10:30:00 AM	JO	SO										X		
6	PWV01-S@2.5'		6/11/25	10:45:00 AM	JO	SO										X		
8	BKG01@0-6"		6/11/25	11:55:00 AM	JO	SO											X	
9	BKG01@2.5'		6/11/25	12:00:00 PM	JO	SO											X	
10	BKG01@6'		6/11/25	12:10:00 PM	JO	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 6/17/2025

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 BZP
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	16:30 6-11-25	1 FedEx	2 FedEx	6/12/25 1000	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 / Preserved where applicable / On Ice	Cooler Temp.

10.1
10

DA72970: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA72970 **Client:** **Project:**

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

Cooler Temps (Raw Measured) °C: Cooler 1: (2.1);

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

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

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

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

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

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

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

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

10.1 10

DA72970: Chain of Custody
Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72970
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Anderson 13,23-34,34b Tank Battery

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP61881/GN69938	0.40	0.0	mg/kg	40	39.3	98.3	80-120%
Chromium, Hexavalent	GP61881/GN69938			mg/kg	1100	1040	94.5	80-120%

Associated Samples:
Batch GP61881: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72970
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Anderson 13,23-34,34b Tank Battery

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP61881/GN69938	DA72975-3	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP61881: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72970
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Anderson 13,23-34,34b Tank Battery

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP61881/GN69938	DA72975-3	mg/kg	0.0	43.5	42.1	96.7(a)	75-125%
Chromium, Hexavalent	GP61881/GN69938	DA72975-3	mg/kg	0.0	963	886	92.0(b)	75-125%

Associated Samples:
Batch GP61881: DA72970-1, DA72970-2, DA72970-3, DA72970-6, DA72970-8, DA72970-9, DA72970-10
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (99.4%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.