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

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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Trinity 34-7, 33, 44-7

7695

SGS Job Number: DA75698

Sampling Date: 09/26/25

Report to:

Chevron USA, Inc.
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Total number of pages in report: 135

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)

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SGS North America Inc.

Sample Summary

Chevron USA, Inc.

Job No: DA75698

TASMCOA: Trinity 34-7, 33, 44-7
Project No: 7695

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA75698-1	09/26/25	10:04	JR	09/26/25	SO	Soil	AST01@0-6"
DA75698-1A	09/26/25	10:04	JR	09/26/25	SO	Soil	AST01@0-6"
DA75698-1B	09/26/25	10:04	JR	09/26/25	SO	Soil	AST01@0-6"
DA75698-2	09/26/25	10:06	JR	09/26/25	SO	Soil	AST02@0-6"
DA75698-2A	09/26/25	10:06	JR	09/26/25	SO	Soil	AST02@0-6"
DA75698-2B	09/26/25	10:06	JR	09/26/25	SO	Soil	AST02@0-6"
DA75698-3	09/26/25	11:20	JR	09/26/25	SO	Soil	PWV01-B@4'
DA75698-3A	09/26/25	11:20	JR	09/26/25	SO	Soil	PWV01-B@4'
DA75698-3B	09/26/25	11:20	JR	09/26/25	SO	Soil	PWV01-B@4'
DA75698-4	09/26/25	11:28	JR	09/26/25	SO	Soil	PWV01-W@2'
DA75698-4A	09/26/25	11:28	JR	09/26/25	SO	Soil	PWV01-W@2'
DA75698-4B	09/26/25	11:28	JR	09/26/25	SO	Soil	PWV01-W@2'
DA75698-5	09/26/25	11:30	JR	09/26/25	SO	Soil	SEP01-DL@3'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA75698

TASMCOA: Trinity 34-7, 33, 44-7
Project No: 7695

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
DA75698-5A	09/26/25	11:30	JR	09/26/25	SO	Soil	SEP01-DL@3'
DA75698-5B	09/26/25	11:30	JR	09/26/25	SO	Soil	SEP01-DL@3'
DA75698-6	09/26/25	11:32	JR	09/26/25	SO	Soil	SEP02-DL@3'
DA75698-6A	09/26/25	11:32	JR	09/26/25	SO	Soil	SEP02-DL@3'
DA75698-6B	09/26/25	11:32	JR	09/26/25	SO	Soil	SEP02-DL@3'
DA75698-7	09/26/25	11:34	JR	09/26/25	SO	Soil	SEP03-DL@3'
DA75698-7A	09/26/25	11:34	JR	09/26/25	SO	Soil	SEP03-DL@3'
DA75698-7B	09/26/25	11:34	JR	09/26/25	SO	Soil	SEP03-DL@3'

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

Summary of Hits

Job Number: DA75698
Account: Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7
Collected: 09/26/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75698-1	**AST01@0-6"**					
Benzene		0.485	0.11		mg/kg	SW846 8260D
Ethylbenzene		2.92	0.22		mg/kg	SW846 8260D
Toluene		5.85	0.22		mg/kg	SW846 8260D
1,2,4-Trimethylbenzene		17.9	0.22		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		5.62	0.22		mg/kg	SW846 8260D
m,p-Xylene		14.5	0.22		mg/kg	SW846 8260D
o-Xylene		7.75	0.22		mg/kg	SW846 8260D
Xylene (total)		22.2	0.22		mg/kg	SW846 8260D
TPH-GRO (C6-C10)		363	22		mg/kg	SW846 8260D
Benzo(a)anthracene [a]		1.78	0.10		mg/kg	SW846 8270E
Chrysene [a]		1.01	0.082		mg/kg	SW846 8270E
Fluoranthene [a]		1.03	0.082		mg/kg	SW846 8270E
Fluorene [a]		13.2	0.082		mg/kg	SW846 8270E
1-Methylnaphthalene		9.16	0.41		mg/kg	SW846 8270E
2-Methylnaphthalene		11.0	0.41		mg/kg	SW846 8270E
Naphthalene [a]		8.59	0.041		mg/kg	SW846 8270E
Pyrene [a]		0.792	0.082		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		58900	410		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		36400	620		mg/kg	SW846-8015C
Arsenic		1.6	0.20		mg/kg	SW846 6020B
Barium		22.9	2.0		mg/kg	SW846 6020B
Copper		4.0	2.0		mg/kg	SW846 6020B
Lead		2.7	0.51		mg/kg	SW846 6020B
Nickel		3.1	2.0		mg/kg	SW846 6020B
Zinc		11.4	10		mg/kg	SW846 6020B
pH		6.95			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.20	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA75698-1A	**AST01@0-6"**					
Calcium		34.3	6.0		mg/l	SW846 6010C
Magnesium		14.7	3.0		mg/l	SW846 6010C
Sodium		13.0	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.468			ratio	USDA HANDBOOK 60
DA75698-1B	**AST01@0-6"**					
No hits reported in this sample.						
DA75698-2	**AST02@0-6"**					
1,2,4-Trimethylbenzene		0.0047	0.0019		mg/kg	SW846 8260D
m,p-Xylene		0.0031	0.0019		mg/kg	SW846 8260D

Summary of Hits

Job Number: DA75698
Account: Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7
Collected: 09/26/25

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Xylene (total)	0.0031	0.0019		mg/kg	SW846 8260D
Benzo(a)anthracene [c]	0.323	0.024		mg/kg	SW846 8270E
Chrysene [c]	0.189	0.020		mg/kg	SW846 8270E
Fluoranthene [c]	0.178	0.020		mg/kg	SW846 8270E
Fluorene [c]	1.80	0.020		mg/kg	SW846 8270E
1-Methylnaphthalene [c]	1.18	0.020		mg/kg	SW846 8270E
2-Methylnaphthalene [c]	1.32	0.020		mg/kg	SW846 8270E
Naphthalene [c]	0.0181	0.0098		mg/kg	SW846 8270E
Pyrene [c]	0.117	0.020		mg/kg	SW846 8270E
TPH-DRO (C10-C28)	10600	40		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	6500	59		mg/kg	SW846-8015C
Arsenic	1.3	0.18		mg/kg	SW846 6020B
Barium	32.5	1.8		mg/kg	SW846 6020B
Copper	4.0	1.8		mg/kg	SW846 6020B
Lead	2.5	0.46		mg/kg	SW846 6020B
Nickel	2.8	1.8		mg/kg	SW846 6020B
Zinc	10.0	9.1		mg/kg	SW846 6020B
pH	7.10			su	WREP-125,4E-SATPASTE
Specific Conductivity	1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA75698-2A AST02@0-6"					
Calcium	196	6.0		mg/l	SW846 6010C
Magnesium	39.2	3.0		mg/l	SW846 6010C
Sodium	30.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]	0.523			ratio	USDA HANDBOOK 60
DA75698-2B AST02@0-6"					
No hits reported in this sample.					
DA75698-3 PWV01-B@4'					
TPH-DRO (C10-C28)	36.8	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	38.0	6.5		mg/kg	SW846-8015C
Arsenic	3.0	0.21		mg/kg	SW846 6020B
Barium	68.7	2.1		mg/kg	SW846 6020B
Cadmium	0.13	0.10		mg/kg	SW846 6020B
Copper	6.9	2.1		mg/kg	SW846 6020B
Lead	6.4	0.52		mg/kg	SW846 6020B
Nickel	5.4	2.1		mg/kg	SW846 6020B
Zinc	25.6	10		mg/kg	SW846 6020B
pH	7.80			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.20	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA75698
Account: Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7
Collected: 09/26/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75698-3A	**PWV01-B@4'**					
Calcium		63.3	6.0		mg/l	SW846 6010C
Magnesium		11.8	3.0		mg/l	SW846 6010C
Sodium		14.3	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.433			ratio	USDA HANDBOOK 60
DA75698-3B	**PWV01-B@4'**					
No hits reported in this sample.						
DA75698-4	**PWV01-W@2'**					
1,2,4-Trimethylbenzene		0.0144	0.0022		mg/kg	SW846 8260D
1,3,5-Trimethylbenzene		0.0055	0.0022		mg/kg	SW846 8260D
m,p-Xylene		0.0080	0.0022		mg/kg	SW846 8260D
o-Xylene		0.0024	0.0022		mg/kg	SW846 8260D
Xylene (total)		0.0103	0.0022		mg/kg	SW846 8260D
TPH-GRO (C6-C10)		1.67	0.23		mg/kg	SW846 8260D
Benzo(a)anthracene		0.0195	0.0056		mg/kg	SW846 8270E
Chrysene		0.0109	0.0045		mg/kg	SW846 8270E
Fluoranthene		0.0118	0.0045		mg/kg	SW846 8270E
Fluorene		0.0843	0.0045		mg/kg	SW846 8270E
1-Methylnaphthalene		0.179	0.0045		mg/kg	SW846 8270E
2-Methylnaphthalene		0.142	0.0045		mg/kg	SW846 8270E
Naphthalene		0.0499	0.0022		mg/kg	SW846 8270E
Pyrene		0.0077	0.0045		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		688	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		512	6.6		mg/kg	SW846-8015C
Arsenic		3.1	0.20		mg/kg	SW846 6020B
Barium		62.8	2.0		mg/kg	SW846 6020B
Cadmium		0.098	0.098		mg/kg	SW846 6020B
Copper		11.9	2.0		mg/kg	SW846 6020B
Lead		6.8	0.49		mg/kg	SW846 6020B
Nickel		4.8	2.0		mg/kg	SW846 6020B
Selenium		0.28	0.20		mg/kg	SW846 6020B
Zinc		16.6	9.8		mg/kg	SW846 6020B
pH		7.72			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.36	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA75698-4A	**PWV01-W@2'**					
Calcium		32.4	6.0		mg/l	SW846 6010C
Magnesium		9.37	3.0		mg/l	SW846 6010C
Sodium		38.0	6.0		mg/l	SW846 6010C

Summary of Hits

Job Number: DA75698
Account: Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7
Collected: 09/26/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium Adsorption Ratio [b]		1.51			ratio	USDA HANDBOOK 60
DA75698-4B	**PWV01-W@2'**					
No hits reported in this sample.						
DA75698-5	**SEP01-DL@3'**					
TPH-DRO (C10-C28)		7.35	4.2		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		12.4	6.3		mg/kg	SW846-8015C
Arsenic		4.1	0.21		mg/kg	SW846 6020B
Barium		25.9	2.1		mg/kg	SW846 6020B
Cadmium		0.18	0.10		mg/kg	SW846 6020B
Copper		5.4	2.1		mg/kg	SW846 6020B
Lead		5.6	0.52		mg/kg	SW846 6020B
Nickel		3.4	2.1		mg/kg	SW846 6020B
Selenium		0.24	0.21		mg/kg	SW846 6020B
Zinc		14.5	10		mg/kg	SW846 6020B
pH		7.54			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.36	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA75698-5A	**SEP01-DL@3'**					
Calcium		47.6	6.0		mg/l	SW846 6010C
Magnesium		11.4	3.0		mg/l	SW846 6010C
Sodium		7.07	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.239			ratio	USDA HANDBOOK 60
DA75698-5B	**SEP01-DL@3'**					
No hits reported in this sample.						
DA75698-6	**SEP02-DL@3'**					
TPH-DRO (C10-C28)		6.55	4.4		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		12.8	6.6		mg/kg	SW846-8015C
Arsenic		2.5	0.19		mg/kg	SW846 6020B
Barium		28.6	1.9		mg/kg	SW846 6020B
Cadmium		0.11	0.096		mg/kg	SW846 6020B
Copper		3.7	1.9		mg/kg	SW846 6020B
Lead		4.1	0.48		mg/kg	SW846 6020B
Nickel		3.2	1.9		mg/kg	SW846 6020B
Zinc		13.2	9.6		mg/kg	SW846 6020B
pH		7.31			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.43	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA75698
Account: Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7
Collected: 09/26/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA75698-6A	**SEP02-DL@3'**					
Calcium		53.6	6.0		mg/l	SW846 6010C
Magnesium		13.0	3.0		mg/l	SW846 6010C
Sodium		9.23	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.293			ratio	USDA HANDBOOK 60
DA75698-6B	**SEP02-DL@3'**					
No hits reported in this sample.						
DA75698-7	**SEP03-DL@3'**					
Arsenic		1.8	0.22		mg/kg	SW846 6020B
Barium		22.4	2.2		mg/kg	SW846 6020B
Copper		3.6	2.2		mg/kg	SW846 6020B
Lead		5.0	0.55		mg/kg	SW846 6020B
Nickel		2.6	2.2		mg/kg	SW846 6020B
Zinc		12.7	11		mg/kg	SW846 6020B
pH		7.87			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.27	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA75698-7A	**SEP03-DL@3'**					
Calcium		34.6	6.0		mg/l	SW846 6010C
Magnesium		11.3	3.0		mg/l	SW846 6010C
Sodium		8.30	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.313			ratio	USDA HANDBOOK 60
DA75698-7B	**SEP03-DL@3'**					
No hits reported in this sample.						

(a) Dilution required due to high concentration of target compounds and matrix interference.
(b) Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+ (Mg meq/L)/2]
(c) Dilution required due to matrix interference.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75698-1	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V64631.D	1	10/01/25 20:43	MB	n/a	n/a	V6V3042
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.05 g	5.0 ml	50.0 ul
Run #2			

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	0.485	0.11	mg/kg	
100-41-4	Ethylbenzene	2.92	0.22	mg/kg	
108-88-3	Toluene	5.85	0.22	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	17.9	0.22	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	5.62	0.22	mg/kg	
	m,p-Xylene	14.5	0.22	mg/kg	
95-47-6	o-Xylene	7.75	0.22	mg/kg	
1330-20-7	Xylene (total)	22.2	0.22	mg/kg	
	TPH-GRO (C6-C10)	363	22	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75698-1	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6G21483.D	20	09/28/25 08:08	ZL	09/27/25 12:30	OP28712	E6G807
Run #2	6G21544.D	100	09/30/25 18:04	ZL	09/27/25 12:30	OP28712	E6G809

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.082	0.082	mg/kg	
120-12-7	Anthracene	< 0.082	0.082	mg/kg	
56-55-3	Benzo(a)anthracene	1.78	0.10	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.082	0.082	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.082	0.082	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.082	0.082	mg/kg	
218-01-9	Chrysene	1.01	0.082	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.082	0.082	mg/kg	
206-44-0	Fluoranthene	1.03	0.082	mg/kg	
86-73-7	Fluorene	13.2	0.082	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.082	0.082	mg/kg	
90-12-0	1-Methylnaphthalene	9.16 [b]	0.41	mg/kg	
91-57-6	2-Methylnaphthalene	11.0 [b]	0.41	mg/kg	
91-20-3	Naphthalene	8.59	0.041	mg/kg	
129-00-0	Pyrene	0.792	0.082	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	121%	465% [c]	10-130%
4165-60-0	Nitrobenzene-d5	149% [d]	501% [c]	10-130%
1718-51-0	Terphenyl-d14	185% [d]	2789% [c]	10-130%

(a) Dilution required due to high concentration of target compounds and matrix interference.
(b) Result is from Run# 2
(c) Outside control limits due to dilution.
(d) Outside control limits due to dilution and matrix interference.

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:	DA75698-1	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95261.D	1	10/01/25 15:55	ZM	09/26/25 10:30	OP28714	GFN516
Run #2	LW48738.D	100	10/13/25 16:44	JB	09/26/25 10:30	OP28714	GLW1137

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	58900 [a]	410	mg/kg	
	TPH-ORO (> C28-C36)	36400 [a]	620	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	876% [b]	1513% [b]	20-142%

(a) Result is from Run# 2
(b) Outside of in house control limits.

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:	DA75698-1	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.6	0.20	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	22.9	2.0	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	< 0.10	0.10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	4.0	2.0	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	2.7	0.51	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	3.1	2.0	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.20	0.20	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.10	0.10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	11.4	10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75698-1	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	6.95		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.20	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	10/27/25 16:12	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75698-1A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	34.3	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	14.7	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	13.0	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA75698-1A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.468		ratio	1	10/03/25 16:26	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:	DA75698-1B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	94.0
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA75698-2	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V39593.D	1	09/29/25 18:00	MB	n/a	n/a	V4V1952
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00096	0.00096	mg/kg	
100-41-4	Ethylbenzene	< 0.0019	0.0019	mg/kg	
108-88-3	Toluene	< 0.0019	0.0019	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0047	0.0019	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0019	0.0019	mg/kg	
	m,p-Xylene	0.0031	0.0019	mg/kg	
95-47-6	o-Xylene	< 0.0019	0.0019	mg/kg	
1330-20-7	Xylene (total)	0.0031	0.0019	mg/kg	
	TPH-GRO (C6-C10)	< 0.19	0.19	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	112%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA75698-2	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6G21536.D	5	09/30/25 15:26	ZL	09/27/25 12:30	OP28712	E6G809
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.020	0.020	mg/kg	
120-12-7	Anthracene	< 0.020	0.020	mg/kg	
56-55-3	Benzo(a)anthracene	0.323	0.024	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.020	0.020	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.020	0.020	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.020	0.020	mg/kg	
218-01-9	Chrysene	0.189	0.020	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.020	0.020	mg/kg	
206-44-0	Fluoranthene	0.178	0.020	mg/kg	
86-73-7	Fluorene	1.80	0.020	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.020	0.020	mg/kg	
90-12-0	1-Methylnaphthalene	1.18	0.020	mg/kg	
91-57-6	2-Methylnaphthalene	1.32	0.020	mg/kg	
91-20-3	Naphthalene	0.0181	0.0098	mg/kg	
129-00-0	Pyrene	0.117	0.020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		10-130%
4165-60-0	Nitrobenzene-d5	76%		10-130%
1718-51-0	Terphenyl-d14	108%		10-130%

(a) Dilution required due to matrix interference.

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:	DA75698-2	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95264.D	1	10/01/25 17:04	ZM	09/26/25 10:30	OP28714	GFN516
Run #2	LW48739.D	10	10/13/25 16:55	JB	09/26/25 10:30	OP28714	GLW1137

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	10600 [a]	40	mg/kg	
	TPH-ORO (> C28-C36)	6500 [a]	59	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	331% [b]	417% [b]	20-142%

(a) Result is from Run# 2
(b) Outside of in house control limits.

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:	DA75698-2	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.3	0.18	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	32.5	1.8	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	< 0.091	0.091	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	4.0	1.8	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	2.5	0.46	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	2.8	1.8	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.18	0.18	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.091	0.091	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	10.0	9.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA75698-2	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	98.5		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	7.10		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.2	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.41	0.41	mg/kg	1	10/27/25 16:28	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA75698-2A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	196	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	39.2	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	30.7	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA75698-2A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.523		ratio	1	10/03/25 16:27	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA75698-2B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	98.5
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V39594.D	1	09/29/25 18:23	MB	n/a	n/a	V4V1952
Run #2							

	Initial Weight	Final Volume
Run #1	5.14 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	89%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G21476.D	1	09/28/25 05:51	ZL	09/27/25 12:30	OP28712	E6G807
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	77%		10-130%
4165-60-0	Nitrobenzene-d5	82%		10-130%
1718-51-0	Terphenyl-d14	91%		10-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95265.D	1	10/01/25 17:18	ZM	09/26/25 10:30	OP28714	GFN516
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	36.8	4.3	mg/kg	
	TPH-ORO (> C28-C36)	38.0	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	107%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.21	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	68.7	2.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.13	0.10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	6.9	2.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	6.4	0.52	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	5.4	2.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.21	0.21	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.10	0.10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	25.6	10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.8		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	7.80		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.20	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	10/27/25 16:36	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	63.3	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.8	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	14.3	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.433		ratio	1	10/03/25 16:29	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA75698-3B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.8
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2'		
Lab Sample ID:	DA75698-4	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V94953.D	1	09/30/25 17:28	MB	n/a	n/a	V5V4517
Run #2	6V64555.D	1	09/29/25 14:25	MB	n/a	n/a	V6V3040

	Initial Weight	Final Volume
Run #1	5.24 g	5.0 ml
Run #2	5.13 g	5.0 ml

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0022	0.0022	mg/kg	
108-88-3	Toluene	< 0.0022	0.0022	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0144	0.0022	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	0.0055	0.0022	mg/kg	
	m,p-Xylene	0.0080	0.0022	mg/kg	
95-47-6	o-Xylene	0.0024	0.0022	mg/kg	
1330-20-7	Xylene (total)	0.0103	0.0022	mg/kg	
	TPH-GRO (C6-C10)	1.67 [a]	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%	99%	70-130%
2037-26-5	Toluene-D8	98%	108%	70-130%
460-00-4	4-Bromofluorobenzene	104%	117%	70-130%
17060-07-0	1,2-Dichloroethane-D4	113%	104%	70-130%

(a) Result is from Run# 2

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-W@2'		
Lab Sample ID:	DA75698-4	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G21477.D	1	09/28/25 06:10	ZL	09/27/25 12:30	OP28712	E6G807
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	0.0195	0.0056	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	0.0109	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	0.0118	0.0045	mg/kg	
86-73-7	Fluorene	0.0843	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	0.179	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	0.142	0.0045	mg/kg	
91-20-3	Naphthalene	0.0499	0.0022	mg/kg	
129-00-0	Pyrene	0.0077	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	82%		10-130%
4165-60-0	Nitrobenzene-d5	89%		10-130%
1718-51-0	Terphenyl-d14	95%		10-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PWV01-W@2'		
Lab Sample ID:	DA75698-4	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95266.D	1	10/01/25 17:32	ZM	09/26/25 10:30	OP28714	GFN516
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	688	4.4	mg/kg	
	TPH-ORO (> C28-C36)	512	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	121%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	PWV01-W@2'		
Lab Sample ID:	DA75698-4	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.1	0.20	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	62.8	2.0	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.098	0.098	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	11.9	2.0	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	6.8	0.49	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	4.8	2.0	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	0.28	0.20	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.098	0.098	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	16.6	9.8	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2'		
Lab Sample ID:	DA75698-4	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	86.1		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	7.72		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.36	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	10/27/25 17:00	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2'		
Lab Sample ID:	DA75698-4A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	32.4	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	9.37	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	38.0	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2'		
Lab Sample ID:	DA75698-4A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.51		ratio	1	10/03/25 16:30	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-W@2'		
Lab Sample ID:	DA75698-4B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	86.1
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V94954.D	1	09/30/25 17:51	MB	n/a	n/a	V5V4517
Run #2	6V64554.D	1	09/29/25 14:03	MB	n/a	n/a	V6V3040

	Initial Weight	Final Volume
Run #1	5.39 g	5.0 ml
Run #2	5.26 g	5.0 ml

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.21 [a]	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	101%	70-130%
2037-26-5	Toluene-D8	98%	100%	70-130%
460-00-4	4-Bromofluorobenzene	106%	107%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	101%	70-130%

(a) Result is from Run# 2

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G21478.D	1	09/28/25 06:30	ZL	09/27/25 12:30	OP28712	E6G807
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0054	0.0054	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0022	0.0022	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	77%		10-130%
4165-60-0	Nitrobenzene-d5	84%		10-130%
1718-51-0	Terphenyl-d14	100%		10-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95267.D	1	10/01/25 17:45	ZM	09/26/25 10:30	OP28714	GFN516
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	7.35	4.2	mg/kg	
	TPH-ORO (> C28-C36)	12.4	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	109%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1	0.21	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	25.9	2.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.18	0.10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	5.4	2.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	5.6	0.52	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	3.4	2.1	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	0.24	0.21	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.10	0.10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	14.5	10	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.7		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	7.54		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.36	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	10/27/25 17:16	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	47.6	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.4	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	7.07	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.239		ratio	1	10/03/25 16:32	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:	SEP01-DL@3'		
Lab Sample ID:	DA75698-5B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.7
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V39595.D	1	09/29/25 18:46	MB	n/a	n/a	V4V1952
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G21479.D	1	09/28/25 06:50	ZL	09/27/25 12:30	OP28712	E6G807
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0053	0.0053	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0043	0.0043	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0043	0.0043	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0043	0.0043	mg/kg	
218-01-9	Chrysene	< 0.0043	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	< 0.0043	0.0043	mg/kg	
86-73-7	Fluorene	< 0.0043	0.0043	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0043	0.0043	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0043	0.0043	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	72%		10-130%
4165-60-0	Nitrobenzene-d5	83%		10-130%
1718-51-0	Terphenyl-d14	92%		10-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95268.D	1	10/01/25 17:59	ZM	09/26/25 10:30	OP28714	GFN516
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	6.55	4.4	mg/kg	
	TPH-ORO (> C28-C36)	12.8	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	119%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.5	0.19	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	28.6	1.9	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	0.11	0.096	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	3.7	1.9	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	4.1	0.48	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	3.2	1.9	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.19	0.19	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.096	0.096	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	13.2	9.6	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.3		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	7.31		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.43	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	10/27/25 10:21	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	53.6	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.0	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	9.23	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.293		ratio	1	10/03/25 16:33	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:	SEP02-DL@3'		
Lab Sample ID:	DA75698-6B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.3
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V39596.D	1	09/29/25 19:09	MB	n/a	n/a	V4V1952
Run #2							

	Initial Weight	Final Volume
Run #1	5.22 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G21480.D	1	09/28/25 07:09	ZL	09/27/25 12:30	OP28712	E6G807
Run #2							

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

COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	78%		10-130%
4165-60-0	Nitrobenzene-d5	82%		10-130%
1718-51-0	Terphenyl-d14	90%		10-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN95269.D	1	10/01/25 18:13	ZM	09/26/25 10:30	OP28714	GFN516
Run #2							

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

DRO C10-C28, ORO > C28-C36

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	119%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.8	0.22	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Barium	22.4	2.2	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Cadmium	< 0.11	0.11	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Copper	3.6	2.2	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Lead	5.0	0.55	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Nickel	2.6	2.2	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Selenium	< 0.22	0.22	mg/kg	10	09/27/25	10/11/25	CDL	SW846 6020B [2]	SW846 3050B [3]
Silver	< 0.11	0.11	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]
Zinc	12.7	11	mg/kg	10	09/27/25	09/30/25	GS	SW846 6020B [1]	SW846 3050B [3]

(1) Instrument QC Batch: MA19673
(2) Instrument QC Batch: MA19719
(3) Prep QC Batch: MP43247

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.4		%	1	09/26/25	IR	SM2540G-2011 M
pH-saturated paste method							
pH	7.87		su	1	09/30/25 13:27	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.27	0.0010	mmhos/cm	1	09/30/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.44	0.44	mg/kg	1	10/27/25 11:49	ANJ	SW846 3060A/7199

(a) Analysis done out of holding time. Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	34.6	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.3	3.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	8.30	6.0	mg/l	1	09/30/25	10/03/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19690
(2) Prep QC Batch: MP43290

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7A	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.313		ratio	1	10/03/25 16:34	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:	SEP03-DL@3'		
Lab Sample ID:	DA75698-7B	**Date Sampled:**	09/26/25
Matrix:	SO - Soil	**Date Received:**	09/26/25
		Percent Solids:	90.4
Project:	TASMCOA: Trinity 34-7, 33, 44-7		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/09/25	10/10/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19716
(2) Prep QC Batch: MP43485

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job #: DA75698

Client / Reporting Information

Company: Tasman
Street: 4725 Independence St.
City, State ZIP: Wheat Ridge / CO / 80033
Project Contact: Bryce Goldade
Phone: 401 749 6445
Email: tas-chevron-4@tasman-geo.com; rbueuf27@chevron.com
Sampler(s) Name(s): Julia Ronca

Project Information

Project Name: Trinity 34-7, 33, 44-7
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP: CO
Project #: 7695
Client Purchase Order #:
Project Manager: Bryce Goldade

Billing Information (if different from Report to)

Company: PDC
Street Address:
City, State ZIP:
Attention: Mike Montoya

Requested Analysis (see TEST CODE sheet)

Full ECMC 915-1 Suite
pH, EC, SAR, Boron
~~SOIL~~ Full ECMC 915 SOIL
ON HOLD

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

	Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	NaHSO3	LAB USE ONLY
01	AST01@0'-6"	9/26/25	1004	JR	SO	3	3										
02	AST02@0'-6"		1006														
03	PWV01-B@4'		1120														
04	PWV01-W@2'		1128														
05	SEP01-D@3'		1130														
06	SEP02-D@3'		1132														
07	SEP03-D@3'		1134														
08	PWV01-N@2'		11:22														
09	PWV01-E@2'		11:24														
10	PWV01-S@2'		11:26														

Turnaround Time (Business days)

- [X] 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
- [X] EDD Format: Tasman

Comments / Special Instructions

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

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

	Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1		9/26/25 1425	1	2		2
3			3	4		4

Custody Seal #: Intact ☐ Not intact ☐ Absent ☐
Preserved where applicable ☐
Cooler Temp. °C (corrected): 3.2 Therm. ID: IR1
On Ice ☐

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

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

SGS Sample Receipt Summary

Job Number: da75698 **Client:** TASMAN **Project:** TRINITY 34-7,33,44-7

Date / Time Received: 9/26/2025 2:25:00 PM **Delivery Method:** hd **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.2);

Cooler Temps (Corrected) °C: Cooler 1: (3.2);

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 VOA Samples moved to Freezer 9/26/2025

SM001
Rev. Date 05/04/17

Technician: TERRIM Date: 9/26/2025 2:29:24 PM Reviewer: Date:

DA75698: Chain of Custody
Page 2 of 2

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3040-MB	6V64548.D	1	09/29/25	MB	n/a	n/a	V6V3040

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

DA75698-4, DA75698-5

CAS No.	Compound	Result	RL	Units	Q
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1952-MB	4V39577.D	1	09/29/25	MB	n/a	n/a	V4V1952

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

DA75698-2, DA75698-3, DA75698-6, DA75698-7

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	91%	70-130%
2037-26-5	Toluene-D8	94%	70-130%
460-00-4	4-Bromofluorobenzene	85%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1952-MB [a]	4V39578.D	1	09/29/25	MB	n/a	n/a	V4V1952

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

DA75698-2, DA75698-3, DA75698-6, DA75698-7

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	50	ug/kg	
100-41-4	Ethylbenzene	ND	100	ug/kg	
108-88-3	Toluene	ND	100	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/kg	
	m,p-Xylene	ND	100	ug/kg	
95-47-6	o-Xylene	ND	100	ug/kg	
1330-20-7	Xylene (total)	ND	100	ug/kg	
	TPH-GRO (C6-C10)	ND	10000	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	85%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

(a) Methanol extraction.

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4517-MB	5V94940.D	1	09/30/25	MB	n/a	n/a	V5V4517

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

DA75698-4, DA75698-5

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	111%	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	111%	70-130%

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3042-MB	6V64609.D	1	10/01/25	MB	n/a	n/a	V6V3042

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

DA75698-1

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3042-MB [a]	6V64610.D	1	10/01/25	MB	n/a	n/a	V6V3042

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

DA75698-1

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	50	ug/kg	
100-41-4	Ethylbenzene	ND	100	ug/kg	
108-88-3	Toluene	ND	100	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	100	ug/kg	
	m,p-Xylene	ND	100	ug/kg	
95-47-6	o-Xylene	ND	100	ug/kg	
1330-20-7	Xylene (total)	ND	100	ug/kg	
	TPH-GRO (C6-C10)	ND	10000	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	109%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	70-130%

(a) Methanol extraction.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1952-BS	4V39575.D	1	09/29/25	MB	n/a	n/a	V4V1952

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

DA75698-2, DA75698-3, DA75698-6, DA75698-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	45.6	91	70-130
100-41-4	Ethylbenzene	50	51.0	102	70-130
108-88-3	Toluene	50	48.6	97	70-130
95-63-6	1,2,4-Trimethylbenzene	50	51.9	104	70-134
108-67-8	1,3,5-Trimethylbenzene	50	52.3	105	70-134
	m,p-Xylene	100	102	102	70-130
95-47-6	o-Xylene	50	54.8	110	70-136
1330-20-7	Xylene (total)	150	157	105	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	106%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1952-BS	4V39576.D	1	09/29/25	MB	n/a	n/a	V4V1952

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

DA75698-2, DA75698-3, DA75698-6, DA75698-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1440	72	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	89%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3040-BS	6V64549.D	1	09/29/25	MB	n/a	n/a	V6V3040

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

DA75698-4, DA75698-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1610	81	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	104%	70-130%
460-00-4	4-Bromofluorobenzene	107%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4517-BS	5V94938.D	1	09/30/25	MB	n/a	n/a	V5V4517

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

DA75698-4, DA75698-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	54.3	109	70-130
100-41-4	Ethylbenzene	50	58.4	117	70-130
108-88-3	Toluene	50	55.0	110	70-130
95-63-6	1,2,4-Trimethylbenzene	50	60.9	122	70-134
108-67-8	1,3,5-Trimethylbenzene	50	61.1	122	70-134
	m,p-Xylene	100	116	116	70-130
95-47-6	o-Xylene	50	60.0	120	70-136
1330-20-7	Xylene (total)	150	176	117	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4517-BS	5V94939.D	1	09/30/25	MB	n/a	n/a	V5V4517

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

DA75698-4, DA75698-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3042-BS	6V64606.D	1	10/01/25	MB	n/a	n/a	V6V3042

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

DA75698-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	50.2	100	70-130
100-41-4	Ethylbenzene	50	54.4	109	70-130
108-88-3	Toluene	50	52.6	105	70-130
95-63-6	1,2,4-Trimethylbenzene	50	59.0	118	70-134
108-67-8	1,3,5-Trimethylbenzene	50	58.9	118	70-134
	m,p-Xylene	100	108	108	70-130
95-47-6	o-Xylene	50	56.6	113	70-136
1330-20-7	Xylene (total)	150	165	110	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3042-BS	6V64608.D	1	10/01/25	MB	n/a	n/a	V6V3042

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

DA75698-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1990	100	64-144

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75698-4MS	6V64558.D	1	09/29/25	MB	n/a	n/a	V6V3040
DA75698-4MSD	6V64559.D	1	09/29/25	MB	n/a	n/a	V6V3040
DA75698-4	6V64555.D	1	09/29/25	MB	n/a	n/a	V6V3040

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

DA75698-4, DA75698-5

CAS No.	Compound	DA75698-4 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)	1670		2300	1990	14* [a]	2280	2660	43	29	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA75698-4	Limits
1868-53-7	Dibromofluoromethane	95%	96%	99%	70-130%
2037-26-5	Toluene-D8	99%	100%	108%	70-130%
460-00-4	4-Bromofluorobenzene	109%	103%	117%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	96%	104%	70-130%

(a) Outside control limits due to possible matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75703-4MS	4V39588.D	1	09/29/25	MB	n/a	n/a	V4V1952
DA75703-4MSD	4V39589.D	1	09/29/25	MB	n/a	n/a	V4V1952
DA75703-4	4V39586.D	1	09/29/25	MB	n/a	n/a	V4V1952

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

DA75698-2, DA75698-3, DA75698-6, DA75698-7

CAS No.	Compound	DA75703-4 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		57.3	50.7	88	55.7	47.0	84	8	44-150/44
100-41-4	Ethylbenzene	< 2.2		57.3	54.5	95	55.7	51.1	92	6	41-149/49
108-88-3	Toluene	< 2.2		57.3	51.3	90	55.7	46.9	84	9	40-149/47
95-63-6	1,2,4-Trimethylbenzene	1.2		57.3	51.6	88	55.7	53.4	94	3	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2		57.3	51.6	90	55.7	53.6	96	4	30-161/60
	m,p-Xylene	< 2.2		115	110	96	111	104	93	6	36-152/49
95-47-6	o-Xylene	< 2.2		57.3	64.7	113	55.7	60.9	109	6	33-168/49
1330-20-7	Xylene (total)	< 2.2		172	174	101	167	165	99	5	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA75703-4	Limits
1868-53-7	Dibromofluoromethane	93%	92%	92%	70-130%
2037-26-5	Toluene-D8	97%	98%	95%	70-130%
460-00-4	4-Bromofluorobenzene	99%	101%	94%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	103%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75703-7MS	4V39590.D	1	09/29/25	MB	n/a	n/a	V4V1952
DA75703-7MSD	4V39591.D	1	09/29/25	MB	n/a	n/a	V4V1952
DA75703-7	4V39587.D	1	09/29/25	MB	n/a	n/a	V4V1952

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

DA75698-2, DA75698-3, DA75698-6, DA75698-7

CAS No.	Compound	DA75703-7 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210		2300	12200	532* [a]	2190	12200	557* [a]	0	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA75703-7	Limits
1868-53-7	Dibromofluoromethane	91%	89%	92%	70-130%
2037-26-5	Toluene-D8	103%	103%	97%	70-130%
460-00-4	4-Bromofluorobenzene	108%	109%	88%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	101%	102%	70-130%

(a) Outside control limits due to possible matrix interference.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75728-15MS	5V94943.D	1	09/30/25	MB	n/a	n/a	V5V4517
DA75728-15MSD	5V94944.D	1	09/30/25	MB	n/a	n/a	V5V4517
DA75728-15	5V94941.D	1	09/30/25	MB	n/a	n/a	V5V4517

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

DA75698-4, DA75698-5

CAS No.	Compound	DA75728-15 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.2		59.8	65.9	110	58.9	61.0	104	8	44-150/44
100-41-4	Ethylbenzene	< 2.4		59.8	67.8	113	58.9	62.0	105	9	41-149/49
108-88-3	Toluene	< 2.4		59.8	63.9	107	58.9	59.8	102	7	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.4		59.8	71.6	120	58.9	64.4	109	11	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.4		59.8	71.8	120	58.9	65.1	111	10	30-161/60
	m,p-Xylene	< 2.4		120	136	114	118	124	105	9	36-152/49
95-47-6	o-Xylene	< 2.4		59.8	69.3	116	58.9	63.8	108	8	33-168/49
1330-20-7	Xylene (total)	< 2.4		179	206	115	177	188	106	9	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA75728-15	Limits
1868-53-7	Dibromofluoromethane	107%	106%	106%	70-130%
2037-26-5	Toluene-D8	98%	101%	101%	70-130%
460-00-4	4-Bromofluorobenzene	102%	101%	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	104%	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75696-2MS	5V94945.D	1	09/30/25	MB	n/a	n/a	V5V4517
DA75696-2MSD	5V94946.D	1	09/30/25	MB	n/a	n/a	V5V4517
DA75696-2	5V94942.D	1	09/30/25	MB	n/a	n/a	V5V4517

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

DA75698-4, DA75698-5

CAS No.	Compound	DA75696-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD

CAS No.	Surrogate Recoveries	MS	MSD	DA75696-2	Limits
1868-53-7	Dibromofluoromethane	107%	105%	108%	70-130%
2037-26-5	Toluene-D8	98%	99%	98%	70-130%
460-00-4	4-Bromofluorobenzene	105%	103%	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	103%	107%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75731-13MS	6V64613.D	1	10/01/25	MB	n/a	n/a	V6V3042
DA75731-13MSD	6V64614.D	1	10/01/25	MB	n/a	n/a	V6V3042
DA75731-13	6V64611.D	1	10/01/25	MB	n/a	n/a	V6V3042

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

DA75698-1

CAS No.	Compound	DA75731-13 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		50	49.6	99	53	54.2	102	9	44-150/44
100-41-4	Ethylbenzene	< 2.1		50	52.8	106	53	57.3	108	8	41-149/49
108-88-3	Toluene	< 2.1		50	50.5	101	53	56.4	106	11	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1		50	53.6	107	53	59.9	113	11	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1		50	53.6	107	53	59.9	113	11	30-161/60
	m,p-Xylene	< 2.1		99.9	105	105	106	114	108	8	36-152/49
95-47-6	o-Xylene	< 2.1		50	53.5	107	53	59.3	112	10	33-168/49
1330-20-7	Xylene (total)	< 2.1		150	159	106	159	174	110	9	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA75731-13	Limits
1868-53-7	Dibromofluoromethane	101%	102%	101%	70-130%
2037-26-5	Toluene-D8	97%	98%	98%	70-130%
460-00-4	4-Bromofluorobenzene	99%	98%	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	96%	104%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA75731-14MS	6V64615.D	1	10/01/25	MB	n/a	n/a	V6V3042
DA75731-14MSD	6V64616.D	1	10/01/25	MB	n/a	n/a	V6V3042
DA75731-14	6V64612.D	1	10/01/25	MB	n/a	n/a	V6V3042

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

DA75698-1

CAS No.	Compound	DA75731-14 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 200		2150	2140	100	2110	2130	101	0	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA75731-14	Limits
1868-53-7	Dibromofluoromethane	99%	98%	97%	70-130%
2037-26-5	Toluene-D8	97%	98%	101%	70-130%
460-00-4	4-Bromofluorobenzene	103%	106%	106%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	103%	106%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28712-MB	6G21468.D	1	09/28/25	ZL	09/27/25	OP28712	E6G807

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

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

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	80%	10-130%
4165-60-0	Nitrobenzene-d5	78%	10-130%
1718-51-0	Terphenyl-d14	89%	10-130%

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28712-BS	6G21469.D	1	09/28/25	ZL	09/27/25	OP28712	E6G807

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	198	99	31-130
120-12-7	Anthracene	200	207	104	46-134
56-55-3	Benzo(a)anthracene	200	199	100	52-135
205-99-2	Benzo(b)fluoranthene	200	228	114	50-136
207-08-9	Benzo(k)fluoranthene	200	215	108	52-134
50-32-8	Benzo(a)pyrene	200	221	111	50-130
218-01-9	Chrysene	200	213	107	51-131
53-70-3	Dibenzo(a,h)anthracene	200	217	109	49-136
206-44-0	Fluoranthene	200	223	112	51-137
86-73-7	Fluorene	200	212	106	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	220	110	50-139
90-12-0	1-Methylnaphthalene	200	213	107	18-130
91-57-6	2-Methylnaphthalene	200	200	100	16-130
91-20-3	Naphthalene	200	179	90	5-130
129-00-0	Pyrene	200	215	108	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	86%	10-130%
4165-60-0	Nitrobenzene-d5	86%	10-130%
1718-51-0	Terphenyl-d14	92%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28712-MS	6G21528.D	1	09/30/25	ZL	09/27/25	OP28712	E6G809
OP28712-MSD	6G21529.D	1	09/30/25	ZL	09/27/25	OP28712	E6G809
DA75696-3	6G21538.D	1	09/30/25	ZL	09/27/25	OP28712	E6G809

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

CAS No.	Compound	DA75696-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.3		215	199	93	223	202	90	9	12-130/52
120-12-7	Anthracene	< 4.3		215	178	83	223	217	97	15	31-130/60
56-55-3	Benzo(a)anthracene	< 5.4		215	129	60	223	221	99	14	34-130/60
205-99-2	Benzo(b)fluoranthene	< 4.3		215	210	98	223	229	103	15	10-168/60
207-08-9	Benzo(k)fluoranthene	< 4.3		215	224	104	223	236	106	9	30-130/60
50-32-8	Benzo(a)pyrene	< 4.3		215	204	95	223	230	103	15	10-179/60
218-01-9	Chrysene	< 4.3		215	134	62	223	227	102	15	34-130/60
53-70-3	Dibenzo(a,h)anthracene	< 4.3		215	249	116	223	270	121	4	20-138/60
206-44-0	Fluoranthene	< 4.3		215	199	93	223	232	104	9	32-130/60
86-73-7	Fluorene	3.2		215	208	97	223	224	100	19	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.3		215	232	108	223	253	113	5	17-148/60
90-12-0	1-Methylnaphthalene	22.8		215	215	86	223	230	90	21	10-130/41
91-57-6	2-Methylnaphthalene	18.9		215	208	86	223	221	89	15	14-130/40
91-20-3	Naphthalene	8.7		215	177	82	223	184	82	18	10-130/40
129-00-0	Pyrene	2.9		215	133	62	223	215	96	25	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA75696-3	Limits
321-60-8	2-Fluorobiphenyl	88%	83%	87%	10-130%
4165-60-0	Nitrobenzene-d5	90%	75%	73%	10-130%
1718-51-0	Terphenyl-d14	52%	92%	100%	10-130%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28714-MB	FN95249.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

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

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	98%	20-142%

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28714-BS1	FN95250.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	183	92	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	102%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28714-BS2	FN95251.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	234	117	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	101%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28714-MS1	FN95252.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516
OP28714-MSD1	FN95253.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516
DA75683-1	FN95256.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

CAS No.	Compound	DA75683-1 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)	< 5.0		248	277	112	245	186	76	39*	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75683-1	Limits
84-15-1	o-Terphenyl	119%	115%	117%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA75698
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28714-MS2	FN95254.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516
OP28714-MSD2	FN95255.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516
DA75683-2	FN95257.D	1	10/01/25	ZM	09/26/25	OP28714	GFN516

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

DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

CAS No.	Compound	DA75683-2 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)	833		222	640	-87* [a]	222	495	-152* [a]	26	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA75683-2	Limits
84-15-1	o-Terphenyl	115%	116%	123%	20-142%

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

* = 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: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43247
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/27/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.028	<0.20
Barium	2.0	.096	.24	0.12	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.029	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	-0.024	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.046	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.039	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.021	<0.20
Silver	0.10	.0081	.03	0.0081	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.13	<10

Associated samples MP43247: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

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: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43247
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/27/25

Metal	DA75697-14 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.6	91.0	90.1	98.2	75-125
Barium	77.2	201	180	68.7N(a)	75-125
Beryllium					
Boron					
Cadmium	0.16	46.8	45	103.6	75-125
Calcium					
Chromium					
Cobalt					
Copper	6.8	50.2	45	97.3	75-125
Iron					
Lead	6.5	96.3	90.1	99.7	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	7.5	48.7	45	91.5	75-125
Phosphorus					
Potassium					
Selenium	0.25	85.1	90.1	94.2	75-125
Silver	0.016	18.4	18	102.1	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	33.6	61.6	45	62.2N(a)	75-125

Associated samples MP43247: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43247 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 09/27/25

Metal	DA75697-14 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.6	96.4	95.8	97.9	5.8	20
Barium	77.2	215	192	71.9N(a)	6.7	20
Beryllium						
Boron						
Cadmium	0.16	48.7	47.9	101.4	4.0	20
Calcium						
Chromium						
Cobalt						
Copper	6.8	59.4	47.9	110.7	16.8	20
Iron						
Lead	6.5	101	95.8	98.6	4.8	20
Magnesium						
Manganese						
Molybdenum						
Nickel	7.5	52.1	47.9	93.1	6.7	20
Phosphorus						
Potassium						
Selenium	0.25	80.7	95.8	84.0	5.3	20
Silver	0.016	18.9	19.2	98.6	2.7	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	33.6	65.0	47.9	65.6N(a)	5.4	20

Associated samples MP43247: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43247
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 09/27/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	99.2	100	99.2	80-120
Barium	189	200	94.5	80-120
Beryllium				
Boron				
Cadmium	51.8	50	103.6	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.9	50	101.8	80-120
Iron				
Lead	101	100	101.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.1	50	100.2	80-120
Phosphorus				
Potassium				
Selenium	98.9	100	98.9	80-120
Silver	20.2	20	101.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	49.2	50	98.4	80-120

Associated samples MP43247: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43247 Methods: SW846 6020B
Matrix Type: SOLID Units: ug/l

Prep Date: 09/27/25

Metal	DA75697-14 Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	26.8	26.8	0.1	0-20
Barium	792	780	1.5	0-20
Beryllium				
Boron				
Cadmium	1.64	1.58	0.2	0-20
Calcium				
Chromium				
Cobalt				
Copper	70.0	60.9	6.6	0-20
Iron				
Lead	66.3	62.4	5.8	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	77.2	75.8	1.1	0-20
Phosphorus				
Potassium				
Selenium	2.57	0.00	100.0(a)	0-20
Silver	0.167	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	345	345	0.1	0-20

Associated samples MP43247: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/30/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	30	230		
Antimony	450	90	100		
Arsenic	380	34	69		
Barium	150	2.9	20		
Beryllium	150	1.5	20		
Boron	750	19	95		
Cadmium	150	3.2	20		
Calcium	6000	84	750	-170	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	-230	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	93.0	<6000
Strontium	75	1.5	9.5		
Thallium	150	91	65		
Tin	900	51	770		
Titanium	150	6.5	20		
Uranium	750	170	130		
Vanadium	150	15	20		
Zinc	450	10	57		

Associated samples MP43290: DA75698-1A, DA75698-2A, DA75698-3A, DA75698-4A, DA75698-5A, DA75698-6A, DA75698-7A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/30/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/30/25

Metal	DA75697-6A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	70000	435000	375000	97.3	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	51800	423000	375000	99.0	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	144000	504000	375000	96.0	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43290: DA75698-1A, DA75698-2A, DA75698-3A, DA75698-4A, DA75698-5A, DA75698-6A, DA75698-7A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/30/25

Metal	DA75697-6A 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: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/30/25

Metal	DA75697-6A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	70000	448000	375000	100.8	2.9	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	51800	435000	375000	102.2	2.8	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	144000	518000	375000	99.7	2.7	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43290: DA75698-1A, DA75698-2A, DA75698-3A, DA75698-4A, DA75698-5A, DA75698-6A, DA75698-7A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/30/25

Metal	DA75697-6A 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: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/30/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	379000	375000	101.1	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	385000	375000	102.7	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	385000	375000	102.7	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43290: DA75698-1A, DA75698-2A, DA75698-3A, DA75698-4A, DA75698-5A, DA75698-6A, DA75698-7A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/30/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 09/30/25

Metal	DA75697-6A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4670	4390	5.8	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	3450	3260	5.5	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	9610	9260	3.6	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43290: DA75698-1A, DA75698-2A, DA75698-3A, DA75698-4A, DA75698-5A, DA75698-6A, DA75698-7A

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43290
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 09/30/25

Metal	DA75697-6A Original SDL 1:5	%DIF	QC Limits

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/09/25

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	4.5	<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 MP43485: DA75698-1B, DA75698-2B, DA75698-3B, DA75698-4B, DA75698-5B, DA75698-6B, DA75698-7B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/09/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			10/09/25					10/09/25	
Metal	DA75701-1B Original	DUP	RPD	QC Limits	DA75701-1B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	200	215	7.2	0-20	200	9360	10000	91.6	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP43485: DA75698-1B, DA75698-2B, DA75698-3B, DA75698-4B, DA75698-5B, DA75698-6B, DA75698-7B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			10/09/25				10/09/25
Metal	DA75701-1B Original DUP	RPD	QC Limits	DA75701-1B Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/09/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8330	10000	83.3	80-120
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43485: DA75698-1B, DA75698-2B, DA75698-3B, DA75698-4B, DA75698-5B, DA75698-6B, DA75698-7B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/09/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/09/25

Metal	DA75701-1B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	39.9	50.6	26.8 (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 MP43485: DA75698-1B, DA75698-2B, DA75698-3B, DA75698-4B, DA75698-5B, DA75698-6B, DA75698-7B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

QC Batch ID: MP43485 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/09/25

	DA75701-1B		QC
Metal	Original SDL 1:5	%DIF	Limits

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

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: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39571/GN69442			mmhos/cm	1.409	1.3	92.4	90-110%

Associated Samples:
Batch GP39571: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75698
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Trinity 34-7, 33, 44-7

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39571/GN69442	DA75697-6	mmhos/cm	1.2	1.2	0.4	0-20%
pH	GN69440	DA75697-6	su	7.93	7.91	0.2	0-5%

Associated Samples:
Batch GN69440: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7
Batch GP39571: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5, DA75698-6, DA75698-7
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking # 7444-9078-8060
Bottle Order Control #
SGS Quote #
SGS Job # DA75698

Client / Reporting Information	Project Information	Billing Information (If different from Report to)
Company Name: SGS North America Inc.	Project Name: TASMCOA: Trinity 34-7, 33, 44-7	
Street Address: 4036 Youngfield Street	Street	Company Name
City State Zip: Wheat Ridge, CO 8003:	City State	Street Address
Project Contact E-mail: parna.eskandaripayandeh@sgs.com	Project #	City State Zip
Phone # Fax #: 303-425-6021	Client Purchase Order #	Attention:
Sampler(s) Name(s) Phone: JR	Project Manager	

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	AST01@0-6"		9/26/25	10:04:00 AM	JR	SO										X	
2	AST02@0-6"		9/26/25	10:06:00 AM	JR	SO										X	
3	PWV01-B@4'		9/26/25	11:20:00 AM	JR	SO										X	
4	PWV01-W@2'		9/26/25	11:28:00 AM	JR	SO										X	
5	SEP01-DL@3'		9/26/25	11:30:00 AM	JR	SO										X	
6	SEP02-DL@3'		9/26/25	11:32:00 AM	JR	SO										X	
7	SEP03-DL@3'		9/26/25	11:34:00 AM	JR	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 10/6/2025

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 BB-BI
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		1 Fedex	2 Fedex	09/30	2
3		3	4	10:30	4
5		5	Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID: / On Ice / Cooler Temp. 1.8

11:00

10.1 10

SGS Sample Receipt Summary

Job Number: DA75698 **Client:** SGS NORTH AMERICA INC **Project:**

Date / Time Received: 9/30/2025 10:30:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.8);

Cooler Temps (Corrected) °C: Cooler 1: (1.9);

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

DA75698: 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: DA75698
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Trinity 34-7, 33, 44-7

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64943/GN75292	0.40	0.0	mg/kg	40	37.5	93.8	80-120%
Chromium, Hexavalent	GP64943/GN75292			mg/kg	1040	1010	96.9	80-120%
Chromium, Hexavalent	GP64944/GN75294	0.40	0.0	mg/kg	40	36.2	90.5	80-120%
Chromium, Hexavalent	GP64944/GN75294			mg/kg	772	703	91.0	80-120%

Associated Samples:
Batch GP64943: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5
Batch GP64944: DA75698-6, DA75698-7
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75698
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Trinity 34-7, 33, 44-7

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64943/GN75292	DA75695-10	mg/kg	0.0	0.0	0.0	0-20%
Chromium, Hexavalent	GP64944/GN75294	DA75698-6	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP64943: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5
Batch GP64944: DA75698-6, DA75698-7
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA75698
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Trinity 34-7, 33, 44-7

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64943/GN75292	DA75695-10	mg/kg	0.0	43	40.9	95.1(a)	75-125%
Chromium, Hexavalent	GP64943/GN75292	DA75695-10	mg/kg	0.0	723	702	97.0(b)	75-125%
Chromium, Hexavalent	GP64944/GN75294	DA75698-6	mg/kg	0.0	45.8	41.6	90.9(c)	75-125%
Chromium, Hexavalent	GP64944/GN75294	DA75698-6	mg/kg	0.0	767	740	96.5(b)	75-125%

Associated Samples:
Batch GP64943: DA75698-1, DA75698-2, DA75698-3, DA75698-4, DA75698-5
Batch GP64944: DA75698-6, DA75698-7
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (105.6%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.
(c) Good recovery on soluble XCR matrix spike. Good recovery (105%) on the post-spike.