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: SESE 36-7N-64W State Tholen

10668 PO#UWRWE-A5184-ABN

SGS Job Number: DA74150

Sampling Date: 08/05/25

Report to:

Chevron USA, Inc.
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Total number of pages in report: 177

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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Sample Summary

Chevron USA, Inc.

Job No: DA74150

TASMCOA: SESE 36-7N-64W State Tholen
Project No: 10668 PO#UWRWE-A5184-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA74150-1	08/05/25	11:15	EC	08/05/25	SO	Soil	AST01@0-6"
DA74150-1A	08/05/25	11:15	EC	08/05/25	SO	Soil	AST01@0-6"
DA74150-1B	08/05/25	11:15	EC	08/05/25	SO	Soil	AST01@0-6"
DA74150-2	08/05/25	11:18	EC	08/05/25	SO	Soil	AST02@0-6"
DA74150-2A	08/05/25	11:18	EC	08/05/25	SO	Soil	AST02@0-6"
DA74150-2B	08/05/25	11:18	EC	08/05/25	SO	Soil	AST02@0-6"
DA74150-3	08/05/25	12:45	EC	08/05/25	SO	Soil	SEP01-FL@2.5'
DA74150-3A	08/05/25	12:45	EC	08/05/25	SO	Soil	SEP01-FL@2.5'
DA74150-3B	08/05/25	12:45	EC	08/05/25	SO	Soil	SEP01-FL@2.5'
DA74150-4	08/05/25	12:48	EC	08/05/25	SO	Soil	SEP01-DL@2.5'
DA74150-4A	08/05/25	12:48	EC	08/05/25	SO	Soil	SEP01-DL@2.5'
DA74150-4B	08/05/25	12:48	EC	08/05/25	SO	Soil	SEP01-DL@2.5'
DA74150-5	08/05/25	12:53	EC	08/05/25	SO	Soil	SEP02-FL@2.5'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA74150

TASMCOA: SESE 36-7N-64W State Tholen
Project No: 10668 PO#UWRWE-A5184-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA74150-5A	08/05/25	12:53	EC	08/05/25	SO	Soil	SEP02-FL@2.5'
DA74150-5B	08/05/25	12:53	EC	08/05/25	SO	Soil	SEP02-FL@2.5'
DA74150-6	08/05/25	12:56	EC	08/05/25	SO	Soil	SEP02-DL@2.5'
DA74150-6A	08/05/25	12:56	EC	08/05/25	SO	Soil	SEP02-DL@2.5'
DA74150-6B	08/05/25	12:56	EC	08/05/25	SO	Soil	SEP02-DL@2.5'
DA74150-7	08/05/25	13:10	EC	08/05/25	SO	Soil	PWV01-B@4'
DA74150-7A	08/05/25	13:10	EC	08/05/25	SO	Soil	PWV01-B@4'
DA74150-7B	08/05/25	13:10	EC	08/05/25	SO	Soil	PWV01-B@4'
DA74150-8	08/05/25	13:12	EC	08/05/25	SO	Soil	PWV01-N@2.5'
DA74150-8A	08/05/25	13:12	EC	08/05/25	SO	Soil	PWV01-N@2.5'
DA74150-8B	08/05/25	13:12	EC	08/05/25	SO	Soil	PWV01-N@2.5'
DA74150-9	08/05/25	13:15	EC	08/05/25	SO	Soil	PWV01-E@2.5'
DA74150-9A	08/05/25	13:15	EC	08/05/25	SO	Soil	PWV01-E@2.5'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA74150

TASMCOA: SESE 36-7N-64W State Tholen
Project No: 10668 PO#UWRWE-A5184-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
DA74150-9B	08/05/25	13:15	EC	08/05/25	SO	Soil	PWV01-E@2.5'
DA74150-10	08/05/25	13:18	EC	08/05/25	SO	Soil	PWV01-S@2.5'
DA74150-10A	08/05/25	13:18	EC	08/05/25	SO	Soil	PWV01-S@2.5'
DA74150-10B	08/05/25	13:18	EC	08/05/25	SO	Soil	PWV01-S@2.5'
DA74150-11	08/05/25	13:21	EC	08/05/25	SO	Soil	PWV01-W@2.5'
DA74150-11A	08/05/25	13:21	EC	08/05/25	SO	Soil	PWV01-W@2.5'
DA74150-11B	08/05/25	13:21	EC	08/05/25	SO	Soil	PWV01-W@2.5'

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

Summary of Hits

Job Number: DA74150
Account: Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen
Collected: 08/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74150-1	**AST01@0-6"**					
Arsenic		3.2	0.12		mg/kg	SW846 6020B
Barium		62.5	1.2		mg/kg	SW846 6020B
Cadmium		0.18	0.059		mg/kg	SW846 6020B
Copper		5.4	1.2		mg/kg	SW846 6020B
Lead		6.4	0.29		mg/kg	SW846 6020B
Nickel		5.2	1.2		mg/kg	SW846 6020B
Zinc		23.9	5.9		mg/kg	SW846 6020B
pH		7.83			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.24	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [a]		0.56	0.49		mg/kg	SW846 3060A/7199
DA74150-1A	**AST01@0-6"**					
Calcium		40.6	6.0		mg/l	SW846 6010C
Magnesium		14.1	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.0696			ratio	USDA HANDBOOK 60
DA74150-1B	**AST01@0-6"**					
No hits reported in this sample.						
DA74150-2	**AST02@0-6"**					
Arsenic		2.1	0.11		mg/kg	SW846 6020B
Barium		37.0	1.1		mg/kg	SW846 6020B
Cadmium		0.095	0.055		mg/kg	SW846 6020B
Copper		3.8	1.1		mg/kg	SW846 6020B
Lead		4.9	0.28		mg/kg	SW846 6020B
Nickel		3.3	1.1		mg/kg	SW846 6020B
Zinc		15.9	5.5		mg/kg	SW846 6020B
pH		7.89			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.87	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-2A	**AST02@0-6"**					
Calcium		85.5	6.0		mg/l	SW846 6010C
Magnesium		43.5	3.0		mg/l	SW846 6010C
Sodium		33.3	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.731			ratio	USDA HANDBOOK 60
DA74150-2B	**AST02@0-6"**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA74150
Account: Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen
Collected: 08/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74150-3	**SEP01-FL@2.5'**					
Arsenic		3.0	0.11		mg/kg	SW846 6020B
Barium		53.7	1.1		mg/kg	SW846 6020B
Cadmium		0.21	0.055		mg/kg	SW846 6020B
Copper		4.2	1.1		mg/kg	SW846 6020B
Lead		5.0	0.27		mg/kg	SW846 6020B
Nickel		4.2	1.1		mg/kg	SW846 6020B
Zinc		16.8	5.5		mg/kg	SW846 6020B
pH		7.90			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.33	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-3A	**SEP01-FL@2.5'**					
Calcium		55.7	6.0		mg/l	SW846 6010C
Magnesium		13.2	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.132			ratio	USDA HANDBOOK 60
DA74150-3B	**SEP01-FL@2.5'**					
No hits reported in this sample.						
DA74150-4	**SEP01-DL@2.5'**					
Arsenic		3.0	0.11		mg/kg	SW846 6020B
Barium		52.4	1.1		mg/kg	SW846 6020B
Cadmium		0.10	0.053		mg/kg	SW846 6020B
Copper		3.8	1.1		mg/kg	SW846 6020B
Lead		4.4	0.27		mg/kg	SW846 6020B
Nickel		3.7	1.1		mg/kg	SW846 6020B
Zinc		73.2	5.3		mg/kg	SW846 6020B
pH		8.14			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.29	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-4A	**SEP01-DL@2.5'**					
Calcium		59.0	6.0		mg/l	SW846 6010C
Magnesium		18.6	3.0		mg/l	SW846 6010C
Sodium		9.38	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.273			ratio	USDA HANDBOOK 60
DA74150-4B	**SEP01-DL@2.5'**					
No hits reported in this sample.						

Summary of Hits

Job Number: DA74150
Account: Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen
Collected: 08/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74150-5	**SEP02-FL@2.5'**					
Arsenic		2.6	0.12		mg/kg	SW846 6020B
Barium		71.3	1.2		mg/kg	SW846 6020B
Cadmium		0.093	0.059		mg/kg	SW846 6020B
Copper		4.1	1.2		mg/kg	SW846 6020B
Lead		5.7	0.30		mg/kg	SW846 6020B
Nickel		4.8	1.2		mg/kg	SW846 6020B
Zinc		20.5	5.9		mg/kg	SW846 6020B
pH		8.12			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.30	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-5A	**SEP02-FL@2.5'**					
Calcium		53.3	6.0		mg/l	SW846 6010C
Magnesium		13.8	3.0		mg/l	SW846 6010C
Sodium		12.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.404			ratio	USDA HANDBOOK 60
DA74150-5B	**SEP02-FL@2.5'**					
No hits reported in this sample.						
DA74150-6	**SEP02-DL@2.5'**					
Arsenic		2.5	0.11		mg/kg	SW846 6020B
Barium		58.5	1.1		mg/kg	SW846 6020B
Cadmium		0.12	0.056		mg/kg	SW846 6020B
Copper		3.9	1.1		mg/kg	SW846 6020B
Lead		4.9	0.28		mg/kg	SW846 6020B
Nickel		4.2	1.1		mg/kg	SW846 6020B
Zinc		15.8	5.6		mg/kg	SW846 6020B
pH		7.92			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.45	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-6A	**SEP02-DL@2.5'**					
Calcium		58.5	6.0		mg/l	SW846 6010C
Magnesium		19.9	3.0		mg/l	SW846 6010C
Sodium		30.6	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.881			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA74150
Account: Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen
Collected: 08/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74150-6B	**SEP02-DL@2.5'**					
No hits reported in this sample.						
DA74150-7	**PWV01-B@4'**					
1-Methylnaphthalene		0.0059	0.0048		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		19.4	4.5		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		18.6	6.7		mg/kg	SW846-8015C
Arsenic		3.1	0.11		mg/kg	SW846 6020B
Barium		83.9	1.1		mg/kg	SW846 6020B
Cadmium		0.15	0.056		mg/kg	SW846 6020B
Copper		4.7	1.1		mg/kg	SW846 6020B
Lead		5.5	0.28		mg/kg	SW846 6020B
Nickel		4.5	1.1		mg/kg	SW846 6020B
Zinc		17.1	5.6		mg/kg	SW846 6020B
pH		8.12			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.32	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-7A	**PWV01-B@4'**					
Calcium		13.9	6.0		mg/l	SW846 6010C
Magnesium		7.32	3.0		mg/l	SW846 6010C
Sodium		21.6	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		1.17			ratio	USDA HANDBOOK 60
DA74150-7B	**PWV01-B@4'**					
No hits reported in this sample.						
DA74150-8	**PWV01-N@2.5'**					
TPH-ORO (> C28-C36)		10.3	7.0		mg/kg	SW846-8015C
Arsenic		2.4	0.11		mg/kg	SW846 6020B
Barium		42.0	1.1		mg/kg	SW846 6020B
Cadmium		0.11	0.057		mg/kg	SW846 6020B
Copper		5.7	1.1		mg/kg	SW846 6020B
Lead		4.9	0.28		mg/kg	SW846 6020B
Nickel		4.1	1.1		mg/kg	SW846 6020B
Zinc		21.7	5.7		mg/kg	SW846 6020B
pH		7.86			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.37	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA74150
Account: Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen
Collected: 08/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74150-8A	**PWV01-N@2.5'**					
Calcium		34.4	6.0		mg/l	SW846 6010C
Magnesium		15.8	3.0		mg/l	SW846 6010C
Sodium		20.9	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.740			ratio	USDA HANDBOOK 60
DA74150-8B	**PWV01-N@2.5'**					
No hits reported in this sample.						
DA74150-9	**PWV01-E@2.5'**					
Arsenic		2.2	0.11		mg/kg	SW846 6020B
Barium		46.7	1.1		mg/kg	SW846 6020B
Cadmium		0.089	0.055		mg/kg	SW846 6020B
Copper		4.7	1.1		mg/kg	SW846 6020B
Lead		5.8	0.28		mg/kg	SW846 6020B
Nickel		5.6	1.1		mg/kg	SW846 6020B
Zinc		19.0	5.5		mg/kg	SW846 6020B
pH		7.85			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.27	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-9A	**PWV01-E@2.5'**					
Calcium		24.5	6.0		mg/l	SW846 6010C
Magnesium		15.5	3.0		mg/l	SW846 6010C
Sodium		16.2	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.631			ratio	USDA HANDBOOK 60
DA74150-9B	**PWV01-E@2.5'**					
No hits reported in this sample.						
DA74150-10	**PWV01-S@2.5'**					
Arsenic		2.8	0.12		mg/kg	SW846 6020B
Barium		31.0	1.2		mg/kg	SW846 6020B
Cadmium		0.071	0.059		mg/kg	SW846 6020B
Copper		4.0	1.2		mg/kg	SW846 6020B
Lead		4.9	0.29		mg/kg	SW846 6020B
Nickel		4.0	1.2		mg/kg	SW846 6020B
Zinc		15.2	5.9		mg/kg	SW846 6020B
pH		7.94			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.4	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA74150
Account: Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen
Collected: 08/05/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74150-10A	**PWV01-S@2.5'**					
Calcium		84.8	6.0		mg/l	SW846 6010C
Magnesium		48.7	3.0		mg/l	SW846 6010C
Sodium		211	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		4.52			ratio	USDA HANDBOOK 60
DA74150-10B	**PWV01-S@2.5'**					
No hits reported in this sample.						
DA74150-11	**PWV01-W@2.5'**					
Fluoranthene		0.0047	0.0044		mg/kg	SW846 8270E
Fluorene		0.0045	0.0044		mg/kg	SW846 8270E
1-Methylnaphthalene		0.0058	0.0044		mg/kg	SW846 8270E
Pyrene		0.0045	0.0044		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		43.4	4.5		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		39.9	6.8		mg/kg	SW846-8015C
Arsenic		2.6	0.11		mg/kg	SW846 6020B
Barium		38.2	1.1		mg/kg	SW846 6020B
Cadmium		0.076	0.055		mg/kg	SW846 6020B
Copper		4.2	1.1		mg/kg	SW846 6020B
Lead		4.1	0.27		mg/kg	SW846 6020B
Nickel		3.9	1.1		mg/kg	SW846 6020B
Zinc		20.4	5.5		mg/kg	SW846 6020B
pH		7.87			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.48	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74150-11A	**PWV01-W@2.5'**					
Calcium		48.4	6.0		mg/l	SW846 6010C
Magnesium		17.7	3.0		mg/l	SW846 6010C
Sodium		31.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [b]		0.991			ratio	USDA HANDBOOK 60
DA74150-11B	**PWV01-W@2.5'**					
No hits reported in this sample.						

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA74150-1	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V37810.D	1	08/12/25 18:45	MB	n/a	n/a	V4V1893
Run #2							

	Initial Weight	Final Volume
Run #1	5.38 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	95%		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:	AST01@0-6"		
Lab Sample ID:	DA74150-1	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	6G19795.D	5	08/13/25 05:11	ZL	08/07/25 10:00	OP28233	E6G743
Run #2							

	Initial Weight	Final Volume
Run #1	4.9 g	10.0 ml
Run #2		

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.024	0.024	mg/kg	
120-12-7	Anthracene	< 0.024	0.024	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.030	0.030	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.024	0.024	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.024	0.024	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.024	0.024	mg/kg	
218-01-9	Chrysene	< 0.024	0.024	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.024	0.024	mg/kg	
206-44-0	Fluoranthene	< 0.024	0.024	mg/kg	
86-73-7	Fluorene	< 0.024	0.024	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.024	0.024	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.024	0.024	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.024	0.024	mg/kg	
91-20-3	Naphthalene	< 0.012	0.012	mg/kg	
129-00-0	Pyrene	< 0.024	0.024	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	69%		10-130%
4165-60-0	Nitrobenzene-d5	77%		10-130%
1718-51-0	Terphenyl-d14	79%		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:	AST01@0-6"		
Lab Sample ID:	DA74150-1	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083701.D	1	08/08/25 08:56	JB	08/07/25 10:00	OP28244	GFP2461
Run #2							

	Initial Weight	Final Volume
Run #1	5.8 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		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:	AST01@0-6"		
Lab Sample ID:	DA74150-1	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.12	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	62.5	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.18	0.059	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.4	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.4	0.29	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.2	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.059	0.059	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	23.9	5.9	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA74150-1	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.7		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.83		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.24	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.56	0.49	mg/kg	1	08/19/25 11:38	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA74150-1A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	40.6	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	14.1	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42329

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA74150-1A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.0696		ratio	1	08/14/25 14:14	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:	DA74150-1B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA74150-2	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V37811.D	1	08/12/25 19:08	MB	n/a	n/a	V4V1893
Run #2							

	Initial Weight	Final Volume
Run #1	5.33 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	109%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		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:	DA74150-2	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58886.D	1	08/11/25 18:34	TH	08/07/25 10:00	OP28234	E3G2857
Run #2							

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

COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	111%		10-130%
4165-60-0	Nitrobenzene-d5	126%		10-130%
1718-51-0	Terphenyl-d14	118%		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:	AST02@0-6"		
Lab Sample ID:	DA74150-2	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083702.D	1	08/08/25 09:10	JB	08/07/25 10:00	OP28244	GFP2461
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)	< 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	92%		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:	AST02@0-6"		
Lab Sample ID:	DA74150-2	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.1	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	37.0	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.095	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.8	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.9	0.28	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.3	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.055	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	15.9	5.5	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA74150-2	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	89.3		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.89		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.87	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.43	0.43	mg/kg	1	08/19/25 11:54	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA74150-2A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	85.5	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	43.5	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	33.3	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42329

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA74150-2A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.731		ratio	1	08/14/25 14:21	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:	DA74150-2B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	89.3
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@2.5'		
Lab Sample ID:	DA74150-3	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V37823.D	1	08/12/25 23:45	MB	n/a	n/a	V4V1893
Run #2							

	Initial Weight	Final Volume
Run #1	5.06 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	91%		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:	SEP01-FL@2.5'		
Lab Sample ID:	DA74150-3	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58887.D	1	08/11/25 19:00	TH	08/07/25 10:00	OP28234	E3G2857
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0044	0.0044	mg/kg	
120-12-7	Anthracene	< 0.0044	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	89%		10-130%
4165-60-0	Nitrobenzene-d5	98%		10-130%
1718-51-0	Terphenyl-d14	89%		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-FL@2.5'		
Lab Sample ID:	DA74150-3	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083703.D	1	08/08/25 09:25	JB	08/07/25 10:00	OP28244	GFP2461
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.1	4.1	mg/kg	
	TPH-ORO (> C28-C36)	< 6.1	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		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-FL@2.5'		
Lab Sample ID:	DA74150-3	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	53.7	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.21	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.2	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.0	0.27	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.2	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.055	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	16.8	5.5	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@2.5'		
Lab Sample ID:	DA74150-3	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	88.8		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.90		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.33	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	08/19/25 12:34	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@2.5'		
Lab Sample ID:	DA74150-3A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	55.7	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.2	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42329

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@2.5'		
Lab Sample ID:	DA74150-3A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.132		ratio	1	08/14/25 14:04	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-FL@2.5'		
Lab Sample ID:	DA74150-3B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@2.5'		
Lab Sample ID:	DA74150-4	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93133.D	1	08/11/25 21:54	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.38 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	< 0.0021	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	103%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		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:	SEP01-DL@2.5'		
Lab Sample ID:	DA74150-4	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58888.D	1	08/11/25 19:25	TH	08/07/25 10:00	OP28234	E3G2857
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	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	78%		10-130%
4165-60-0	Nitrobenzene-d5	86%		10-130%
1718-51-0	Terphenyl-d14	82%		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@2.5'		
Lab Sample ID:	DA74150-4	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083723.D	1	08/08/25 17:06	JB	08/08/25 10:00	OP28245	GFP2462
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)	< 4.3	4.3	mg/kg	
	TPH-ORO (> C28-C36)	< 6.4	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		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@2.5'		
Lab Sample ID:	DA74150-4	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	52.4	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.10	0.053	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.8	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.4	0.27	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.7	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.053	0.053	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	73.2	5.3	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@2.5'		
Lab Sample ID:	DA74150-4	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	88.8		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	8.14		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.29	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	08/19/25 12:50	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@2.5'		
Lab Sample ID:	DA74150-4A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	59.0	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	18.6	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	9.38	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@2.5'		
Lab Sample ID:	DA74150-4A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.273		ratio	1	08/14/25 16:45	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@2.5'		
Lab Sample ID:	DA74150-4B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	88.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-FL@2.5'		
Lab Sample ID:	DA74150-5	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V37824.D	1	08/13/25 00:08	MB	n/a	n/a	V4V1893
Run #2							

	Initial Weight	Final Volume
Run #1	5.18 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		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-FL@2.5'		
Lab Sample ID:	DA74150-5	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58889.D	1	08/11/25 19:51	TH	08/07/25 10:00	OP28234	E3G2857
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	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	102%		10-130%
4165-60-0	Nitrobenzene-d5	113%		10-130%
1718-51-0	Terphenyl-d14	104%		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-FL@2.5'		
Lab Sample ID:	DA74150-5	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083724.D	1	08/08/25 17:21	JB	08/08/25 10:00	OP28245	GFP2462
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)	< 4.8	4.8	mg/kg	
	TPH-ORO (> C28-C36)	< 7.2	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		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-FL@2.5'		
Lab Sample ID:	DA74150-5	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.12	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	71.3	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.093	0.059	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.1	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.7	0.30	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.8	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.059	0.059	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	20.5	5.9	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-FL@2.5'		
Lab Sample ID:	DA74150-5	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	82.2		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	8.12		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.30	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	08/19/25 13:05	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-FL@2.5'		
Lab Sample ID:	DA74150-5A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	53.3	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.8	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	12.8	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-FL@2.5'		
Lab Sample ID:	DA74150-5A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.404		ratio	1	08/14/25 16:46	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-FL@2.5'		
Lab Sample ID:	DA74150-5B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	82.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@2.5'		
Lab Sample ID:	DA74150-6	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93134.D	1	08/11/25 22:18	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.18 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	< 0.0023	0.0023	mg/kg	
108-88-3	Toluene	< 0.0023	0.0023	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0023	0.0023	mg/kg	
	m,p-Xylene	< 0.0023	0.0023	mg/kg	
95-47-6	o-Xylene	< 0.0023	0.0023	mg/kg	
1330-20-7	Xylene (total)	< 0.0023	0.0023	mg/kg	
	TPH-GRO (C6-C10)	< 0.23	0.23	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		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@2.5'		
Lab Sample ID:	DA74150-6	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58890.D	1	08/11/25 20:16	TH	08/07/25 10:00	OP28234	E3G2857
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	< 0.0046	0.0046	mg/kg	
120-12-7	Anthracene	< 0.0046	0.0046	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0046	0.0046	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0046	0.0046	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0046	0.0046	mg/kg	
218-01-9	Chrysene	< 0.0046	0.0046	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0046	0.0046	mg/kg	
206-44-0	Fluoranthene	< 0.0046	0.0046	mg/kg	
86-73-7	Fluorene	< 0.0046	0.0046	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0046	0.0046	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0046	0.0046	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0046	0.0046	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	84%		10-130%
4165-60-0	Nitrobenzene-d5	90%		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:	SEP02-DL@2.5'		
Lab Sample ID:	DA74150-6	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083725.D	1	08/08/25 17:36	JB	08/08/25 10:00	OP28245	GFP2462
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)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.8	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	95%		20-142%

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

Report of Analysis

Client Sample ID:	SEP02-DL@2.5'		
Lab Sample ID:	DA74150-6	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.5	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	58.5	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.056	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.9	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.9	0.28	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.2	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.056	0.056	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	15.8	5.6	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@2.5'		
Lab Sample ID:	DA74150-6	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	85.7		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.92		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.45	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	08/19/25 13:13	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@2.5'		
Lab Sample ID:	DA74150-6A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	58.5	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	19.9	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	30.6	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@2.5'		
Lab Sample ID:	DA74150-6A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.881		ratio	1	08/14/25 16:48	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@2.5'		
Lab Sample ID:	DA74150-6B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.7
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA74150-7	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93135.D	1	08/11/25 22:43	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.08 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	105%		70-130%
17060-07-0	1,2-Dichloroethane-D4	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:	DA74150-7	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58891.D	1	08/11/25 20:42	TH	08/07/25 10:00	OP28234	E3G2857
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	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	0.0059	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	91%		10-130%
4165-60-0	Nitrobenzene-d5	100%		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:	PWV01-B@4'		
Lab Sample ID:	DA74150-7	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083726.D	1	08/08/25 17:51	JB	08/08/25 10:00	OP28245	GFP2462
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)	19.4	4.5	mg/kg	
	TPH-ORO (> C28-C36)	18.6	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA74150-7	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.1	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	83.9	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.15	0.056	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.7	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.5	0.28	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.5	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.056	0.056	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	17.1	5.6	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA74150-7	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	84.2		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	8.12		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.32	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	08/19/25 13:37	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA74150-7A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	13.9	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	7.32	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	21.6	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA74150-7A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.17		ratio	1	08/14/25 16:52	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@4'		
Lab Sample ID:	DA74150-7B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	84.2
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@2.5'		
Lab Sample ID:	DA74150-8	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93136.D	1	08/11/25 23:08	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.05 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		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-N@2.5'		
Lab Sample ID:	DA74150-8	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58892.D	1	08/11/25 21:07	TH	08/07/25 10:00	OP28234	E3G2857
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	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	85%		10-130%
4165-60-0	Nitrobenzene-d5	92%		10-130%
1718-51-0	Terphenyl-d14	85%		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-N@2.5'		
Lab Sample ID:	DA74150-8	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083727.D	1	08/08/25 18:06	JB	08/08/25 10:00	OP28245	GFP2462
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)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	10.3	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		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-N@2.5'		
Lab Sample ID:	DA74150-8	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.4	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	42.0	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.057	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.7	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.9	0.28	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.1	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.057	0.057	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	21.7	5.7	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@2.5'		
Lab Sample ID:	DA74150-8	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	85		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.86		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.37	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	08/19/25 13:45	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@2.5'		
Lab Sample ID:	DA74150-8A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	34.4	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	15.8	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	20.9	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-N@2.5'		
Lab Sample ID:	DA74150-8A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.740		ratio	1	08/14/25 16:53	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-N@2.5'		
Lab Sample ID:	DA74150-8B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	85.0
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@2.5'		
Lab Sample ID:	DA74150-9	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93137.D	1	08/11/25 23:32	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.38 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	106%		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:	PWV01-E@2.5'		
Lab Sample ID:	DA74150-9	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58893.D	1	08/11/25 21:33	TH	08/07/25 10:00	OP28234	E3G2857
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	< 0.0047	0.0047	mg/kg	
120-12-7	Anthracene	< 0.0047	0.0047	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0059	0.0059	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0047	0.0047	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0047	0.0047	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0047	0.0047	mg/kg	
218-01-9	Chrysene	< 0.0047	0.0047	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0047	0.0047	mg/kg	
206-44-0	Fluoranthene	< 0.0047	0.0047	mg/kg	
86-73-7	Fluorene	< 0.0047	0.0047	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0047	0.0047	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0047	0.0047	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0047	0.0047	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	78%		10-130%
4165-60-0	Nitrobenzene-d5	99%		10-130%
1718-51-0	Terphenyl-d14	87%		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-E@2.5'		
Lab Sample ID:	DA74150-9	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083728.D	1	08/08/25 18:21	JB	08/08/25 10:00	OP28245	GFP2462
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)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.0	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		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-E@2.5'		
Lab Sample ID:	DA74150-9	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.2	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	46.7	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.089	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.7	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.8	0.28	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.6	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.055	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	19.0	5.5	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@2.5'		
Lab Sample ID:	DA74150-9	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.1		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.85		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.27	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	08/19/25 14:01	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@2.5'		
Lab Sample ID:	DA74150-9A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	24.5	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	15.5	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	16.2	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@2.5'		
Lab Sample ID:	DA74150-9A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.631		ratio	1	08/14/25 16:55	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@2.5'		
Lab Sample ID:	DA74150-9B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA74150-10	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93138.D	1	08/11/25 23:57	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.47 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		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-S@2.5'		
Lab Sample ID:	DA74150-10	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58894.D	1	08/11/25 21:58	TH	08/07/25 10:00	OP28234	E3G2857
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	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	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	83%		10-130%
4165-60-0	Nitrobenzene-d5	88%		10-130%
1718-51-0	Terphenyl-d14	83%		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-S@2.5'		
Lab Sample ID:	DA74150-10	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083731.D	1	08/08/25 19:05	JB	08/08/25 10:00	OP28245	GFP2462
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)	< 4.7	4.7	mg/kg	
	TPH-ORO (> C28-C36)	< 7.1	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	96%		20-142%

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

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA74150-10	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.8	0.12	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	31.0	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.071	0.059	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.0	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.9	0.29	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.0	1.2	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.059	0.059	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	15.2	5.9	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA74150-10	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.1		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.94		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.4	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	08/19/25 14:17	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA74150-10A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	84.8	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	48.7	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	211	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA74150-10A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.52		ratio	1	08/14/25 17:15	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-S@2.5'		
Lab Sample ID:	DA74150-10B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	83.1
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2.5'		
Lab Sample ID:	DA74150-11	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8260B	**Percent Solids:**	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V93139.D	1	08/12/25 00:21	MB	n/a	n/a	V5V4460
Run #2							

	Initial Weight	Final Volume
Run #1	5.17 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	101%		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-W@2.5'		
Lab Sample ID:	DA74150-11	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G58895.D	1	08/11/25 22:24	TH	08/07/25 10:00	OP28234	E3G2857
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	< 0.0044	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	0.0047	0.0044	mg/kg	
86-73-7	Fluorene	0.0045	0.0044	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0044	0.0044	mg/kg	
90-12-0	1-Methylnaphthalene	0.0058	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	0.0045	0.0044	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	82%		10-130%
4165-60-0	Nitrobenzene-d5	106%		10-130%
1718-51-0	Terphenyl-d14	89%		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@2.5'		
Lab Sample ID:	DA74150-11	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP083732.D	1	08/08/25 19:20	JB	08/08/25 10:00	OP28245	GFP2462
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)	43.4	4.5	mg/kg	
	TPH-ORO (> C28-C36)	39.9	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		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@2.5'		
Lab Sample ID:	DA74150-11	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.11	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	38.2	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.076	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.2	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.1	0.27	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.9	1.1	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.22	0.22	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.055	0.055	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	20.4	5.5	mg/kg	5	08/08/25	08/13/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19471
(2) Prep QC Batch: MP42257

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2.5'		
Lab Sample ID:	DA74150-11	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	87.8		%	1	08/08/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.87		su	1	08/13/25 12:38	SG	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.48	0.0010	mmhos/cm	1	08/13/25 12:38	SG	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	08/19/25 14:33	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2.5'		
Lab Sample ID:	DA74150-11A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	48.4	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	17.7	3.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	31.7	6.0	mg/l	1	08/13/25	08/14/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19476
(2) Prep QC Batch: MP42328

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-W@2.5'		
Lab Sample ID:	DA74150-11A	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.991		ratio	1	08/14/25 17:16	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@2.5'		
Lab Sample ID:	DA74150-11B	**Date Sampled:**	08/05/25
Matrix:	SO - Soil	**Date Received:**	08/05/25
		Percent Solids:	87.8
Project:	TASMCOA: SESE 36-7N-64W State Tholen		

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	08/08/25	08/13/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19470
(2) Prep QC Batch: MP42256

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 # DA74150

Client / Reporting Information

Company: Tasman, Inc.
Street: 4725 Independence St.
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Eric Vonde
Phone: (303) 487-1228
Email: tas-chevron-S@tasman-geo.com / rbueu127@chevron.com / [redacted] / evonde@tasman-geo.com danpeterson
Sampler(s) Name(s): E. Card @chevron.com

Project Information

Project Name: SESE 36 7N-64W State Tholen
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10668
Client Purchase Order #: UWRWE-A5184-ABW
Project Manager: Eric Vonde

Billing Information (if different from Report to)

Company: Noble Energy
Street Address:
City, State ZIP:
Attention: Dan Peterson [redacted]

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; 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	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Hold	LAB USE ONLY
01	AST01@0-6"	8/5/25	1115	EC	SO	4	4										X	X	X	X	X			
02	AST02@0-6"		1118																					
03	SEP01-R@2.5'		1245																					
04	SEP01-D@2.5'		1248																					
05	SEP02-R@2.5'		1253																					
06	SEP02-D@2.5'		1256																					
07	PWV01-B@4'		1310																					
08	PWV01-N@2.5'		1312																					
09	PWV01-E@2.5'		1315																					
10	PWV01-S@2.5'		1318																					
11	PWV01-W@2.5'		1321																					

Turnaround Time (Business days)

- ☒ 10 Business Days
- ☐ 5 Business Days
- ☐ 3 Business Days RUSH
- ☐ 2 Business Days RUSH
- ☐ 1 Business Day EMERGENCY

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

Special Reporting Instructions

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

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation: 1	Date/Time: 8/5/25 1630	Received By/Affiliation: 1	Relinquished By/Affiliation: 2	Date/Time:	Received By/Affiliation: 2
Relinquished by/Affiliaction: 3	Date/Time:	Received By/Affiliation: 3	Relinquished By/Affiliation: 4	Date/Time:	Received By/Affiliation: 4

Custody Seal #: Intact ☑ Not Intact ☐ Absent ☐
Preserved where applicable ☐ Cooler Temp. °C (corrected): 3.7 Therm. ID: IR24 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: da74150 **Client:** TASMAN **Project:** SESE 36 7N-64W STATE THOLEN

Date / Time Received: 8/5/2025 4:30:00 PM **Delivery Method:** hd **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.7);

Cooler Temps (Corrected) °C: Cooler 1: (3.7);

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

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

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

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

Misc Information

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

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

Residual Chlorine Test Strip Lot

Comments

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 8/5/2025 5:19:27 PM Reviewer: Date:

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4460-MB	5V93126.D	1	08/11/25	MB	n/a	n/a	V5V4460

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

DA74150-4, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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	102%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

Method Blank Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1893-MB	4V37802.D	1	08/12/25	MB	n/a	n/a	V4V1893

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

DA74150-1, DA74150-2, DA74150-3, DA74150-5

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	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4460-BS	5V93124.D	1	08/11/25	MB	n/a	n/a	V5V4460

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

DA74150-4, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	45.3	91	70-130
100-41-4	Ethylbenzene	50	50.4	101	70-130
108-88-3	Toluene	50	48.9	98	70-130
95-63-6	1,2,4-Trimethylbenzene	50	53.3	107	70-130
108-67-8	1,3,5-Trimethylbenzene	50	53.9	108	70-130
	m,p-Xylene	100	96.8	97	70-130
95-47-6	o-Xylene	50	51.9	104	70-130
1330-20-7	Xylene (total)	150	149	99	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	96%	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	96%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4460-BS	5V93125.D	1	08/11/25	MB	n/a	n/a	V5V4460

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

DA74150-4, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2290	115	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	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	95%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1893-BS	4V37800.D	1	08/12/25	MB	n/a	n/a	V4V1893

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

DA74150-1, DA74150-2, DA74150-3, DA74150-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	55.2	110	70-130
100-41-4	Ethylbenzene	50	57.0	114	70-130
108-88-3	Toluene	50	54.8	110	70-130
95-63-6	1,2,4-Trimethylbenzene	50	54.2	108	70-130
108-67-8	1,3,5-Trimethylbenzene	50	53.3	107	70-130
	m,p-Xylene	100	113	113	70-130
95-47-6	o-Xylene	50	59.3	119	70-130
1330-20-7	Xylene (total)	150	172	115	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	110%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1893-BS	4V37801.D	1	08/12/25	MB	n/a	n/a	V4V1893

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

DA74150-1, DA74150-2, DA74150-3, DA74150-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2150	108	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA73981-1MS	5V93129.D	1	08/11/25	MB	n/a	n/a	V5V4460
DA73981-1MSD	5V93130.D	1	08/11/25	MB	n/a	n/a	V5V4460
DA73981-1	5V93127.D	1	08/11/25	MB	n/a	n/a	V5V4460

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

DA74150-4, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	DA73981-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		67.3	49.9	74	69.4	52.5	76	5	43-130/30
100-41-4	Ethylbenzene	ND		67.3	55.9	83	69.4	58.3	84	4	15-145/30
108-88-3	Toluene	ND		67.3	53.4	79	69.4	56.0	81	5	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		67.3	58.1	86	69.4	61.8	89	6	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		67.3	58.7	87	69.4	61.2	88	4	6-159/30
	m,p-Xylene	ND		135	108	80	139	113	81	5	21-142/30
95-47-6	o-Xylene	ND		67.3	58.1	86	69.4	61.1	88	5	25-140/30
1330-20-7	Xylene (total)	ND		202	166	82	208	174	84	5	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA73981-1	Limits
1868-53-7	Dibromofluoromethane	103%	102%	104%	70-130%
2037-26-5	Toluene-D8	99%	100%	98%	70-130%
460-00-4	4-Bromofluorobenzene	98%	99%	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	100%	102%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74037-6MS	5V93131.D	1	08/11/25	MB	n/a	n/a	V5V4460
DA74037-6MSD	5V93132.D	1	08/11/25	MB	n/a	n/a	V5V4460
DA74037-6	5V93128.D	1	08/11/25	MB	n/a	n/a	V5V4460

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

DA74150-4, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	DA74037-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2290	2410	105	2270	1970	87	20	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74037-6	Limits
1868-53-7	Dibromofluoromethane	102%	105%	101%	70-130%
2037-26-5	Toluene-D8	99%	100%	100%	70-130%
460-00-4	4-Bromofluorobenzene	99%	100%	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	105%	99%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74146-16MS	4V37805.D	1	08/12/25	MB	n/a	n/a	V4V1893
DA74146-16MSD	4V37806.D	1	08/12/25	MB	n/a	n/a	V4V1893
DA74146-16	4V37803.D	1	08/12/25	MB	n/a	n/a	V4V1893

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

DA74150-1, DA74150-2, DA74150-3, DA74150-5

CAS No.	Compound	DA74146-16 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	< 1.0		50.6	44.4	88	53.4	49.3	92	10	43-130/30
100-41-4	Ethylbenzene	< 2.0		50.6	39.1	77	53.4	48.4	91	21	15-145/30
108-88-3	Toluene	< 2.0		50.6	39.5	78	53.4	46.5	87	16	37-130/30
95-63-6	1,2,4-Trimethylbenzene	< 2.0		50.6	38.5	76	53.4	48.7	91	23	5-177/30
108-67-8	1,3,5-Trimethylbenzene	< 2.0		50.6	39.0	77	53.4	48.5	91	22	6-159/30
	m,p-Xylene	< 2.0		101	77.5	77	107	95.1	89	20	21-142/30
95-47-6	o-Xylene	< 2.0		50.6	43.5	86	53.4	53.1	99	20	25-140/30
1330-20-7	Xylene (total)	< 2.0		152	121	80	160	148	92	20	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74146-16	Limits
1868-53-7	Dibromofluoromethane	108%	110%	106%	70-130%
2037-26-5	Toluene-D8	96%	98%	93%	70-130%
460-00-4	4-Bromofluorobenzene	108%	112%	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	108%	104%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74146-19MS	4V37807.D	1	08/12/25	MB	n/a	n/a	V4V1893
DA74146-19MSD	4V37808.D	1	08/12/25	MB	n/a	n/a	V4V1893
DA74146-19	4V37804.D	1	08/12/25	MB	n/a	n/a	V4V1893

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

DA74150-1, DA74150-2, DA74150-3, DA74150-5

CAS No.	Compound	DA74146-19 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		2160	1670	77	2100	1610	77	4	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74146-19	Limits
1868-53-7	Dibromofluoromethane	106%	107%	110%	70-130%
2037-26-5	Toluene-D8	96%	95%	95%	70-130%
460-00-4	4-Bromofluorobenzene	98%	101%	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	102%	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: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28234-MB	3G58882.D	1	08/11/25	TH	08/07/25	OP28234	E3G2857

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

DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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	111%	10-130%
4165-60-0	Nitrobenzene-d5	107%	10-130%
1718-51-0	Terphenyl-d14	105%	10-130%

Method Blank Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28233-MB	6G19756.D	1	08/11/25	ZL	08/07/25	OP28233	E6G742

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

DA74150-1

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

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	71%	10-130%
4165-60-0	Nitrobenzene-d5	63%	10-130%
1718-51-0	Terphenyl-d14	99%	10-130%

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28234-BS	3G58883.D	1	08/11/25	TH	08/07/25	OP28234	E3G2857

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

DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	224	112	31-130
120-12-7	Anthracene	200	236	118	46-134
56-55-3	Benzo(a)anthracene	200	238	119	52-135
205-99-2	Benzo(b)fluoranthene	200	243	122	50-136
207-08-9	Benzo(k)fluoranthene	200	239	120	52-134
50-32-8	Benzo(a)pyrene	200	238	119	50-130
218-01-9	Chrysene	200	262	131	51-131
53-70-3	Dibenzo(a,h)anthracene	200	241	121	49-136
206-44-0	Fluoranthene	200	236	118	51-137
86-73-7	Fluorene	200	231	116	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	240	120	50-139
90-12-0	1-Methylnaphthalene	200	222	111	18-130
91-57-6	2-Methylnaphthalene	200	206	103	16-130
91-20-3	Naphthalene	200	232	116	5-130
129-00-0	Pyrene	200	234	117	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	110%	10-130%
4165-60-0	Nitrobenzene-d5	101%	10-130%
1718-51-0	Terphenyl-d14	107%	10-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28233-BS	6G19757.D	1	08/12/25	ZL	08/07/25	OP28233	E6G742

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

DA74150-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	221	111	31-130
120-12-7	Anthracene	200	216	108	46-134
56-55-3	Benzo(a)anthracene	200	215	108	52-135
205-99-2	Benzo(b)fluoranthene	200	240	120	50-136
207-08-9	Benzo(k)fluoranthene	200	255	128	52-134
50-32-8	Benzo(a)pyrene	200	244	122	50-130
218-01-9	Chrysene	200	231	116	51-131
53-70-3	Dibenzo(a,h)anthracene	200	261	131	49-136
206-44-0	Fluoranthene	200	225	113	51-137
86-73-7	Fluorene	200	224	112	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	261	131	50-139
90-12-0	1-Methylnaphthalene	200	243	122	18-130
91-57-6	2-Methylnaphthalene	200	216	108	16-130
91-20-3	Naphthalene	200	199	100	5-130
129-00-0	Pyrene	200	212	106	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	105%	10-130%
4165-60-0	Nitrobenzene-d5	107%	10-130%
1718-51-0	Terphenyl-d14	113%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28234-MS	3G58884.D	1	08/11/25	TH	08/07/25	OP28234	E3G2857
OP28234-MSD	3G58885.D	1	08/11/25	TH	08/07/25	OP28234	E3G2857
DA74150-2	3G58886.D	1	08/11/25	TH	08/07/25	OP28234	E3G2857

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

DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	DA74150-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.5		215	216	100	215	236	110	9	12-130/52
120-12-7	Anthracene	< 4.5		215	231	107	215	234	109	1	31-130/60
56-55-3	Benzo(a)anthracene	< 5.6		215	235	109	215	234	109	0	34-130/60
205-99-2	Benzo(b)fluoranthene	< 4.5		215	270	125	215	287	133	6	10-168/60
207-08-9	Benzo(k)fluoranthene	< 4.5		215	248	115	215	280	130	12	30-130/60
50-32-8	Benzo(a)pyrene	< 4.5		215	248	115	215	273	127	10	10-179/60
218-01-9	Chrysene	< 4.5		215	243	113	215	257	119	6	34-130/60
53-70-3	Dibenzo(a,h)anthracene	< 4.5		215	228	106	215	224	104	2	20-138/60
206-44-0	Fluoranthene	< 4.5		215	226	105	215	225	104	0	32-130/60
86-73-7	Fluorene	< 4.5		215	228	106	215	231	107	1	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.5		215	234	109	215	221	103	6	17-148/60
90-12-0	1-Methylnaphthalene	< 4.5		215	238	111	215	223	104	7	10-130/41
91-57-6	2-Methylnaphthalene	< 4.5		215	197	91	215	204	95	3	14-130/40
91-20-3	Naphthalene	< 2.2		215	227	105	215	215	100	5	10-130/40
129-00-0	Pyrene	< 4.5		215	240	111	215	257	119	7	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA74150-2	Limits
321-60-8	2-Fluorobiphenyl	97%	98%	111%	10-130%
4165-60-0	Nitrobenzene-d5	103%	103%	126%	10-130%
1718-51-0	Terphenyl-d14	96%	96%	118%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28233-MS	6G19793.D	5	08/13/25	ZL	08/07/25	OP28233	E6G743
OP28233-MSD	6G19794.D	5	08/13/25	ZL	08/07/25	OP28233	E6G743
DA74150-1 [a]	6G19795.D	5	08/13/25	ZL	08/07/25	OP28233	E6G743

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

DA74150-1

CAS No.	Compound	DA74150-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 24		221	125	56	234	152	65	19	12-130/52
120-12-7	Anthracene	< 24		221	143	65	234	160	68	11	31-130/60
56-55-3	Benzo(a)anthracene	< 30		221	144	65	234	153	65	6	34-130/60
205-99-2	Benzo(b)fluoranthene	< 24		221	147	66	234	155	66	5	10-168/60
207-08-9	Benzo(k)fluoranthene	< 24		221	149	67	234	159	68	6	30-130/60
50-32-8	Benzo(a)pyrene	< 24		221	149	67	234	153	65	3	10-179/60
218-01-9	Chrysene	< 24		221	165	75	234	176	75	6	34-130/60
53-70-3	Dibenzo(a,h)anthracene	< 24		221	158	71	234	161	69	2	20-138/60
206-44-0	Fluoranthene	< 24		221	145	66	234	156	67	7	32-130/60
86-73-7	Fluorene	< 24		221	142	64	234	161	69	13	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	< 24		221	148	67	234	159	68	7	17-148/60
90-12-0	1-Methylnaphthalene	< 24		221	145	66	234	161	69	10	10-130/41
91-57-6	2-Methylnaphthalene	< 24		221	133	60	234	158	67	17	14-130/40
91-20-3	Naphthalene	< 12		221	150	68	234	158	67	5	10-130/40
129-00-0	Pyrene	< 24		221	145	66	234	156	67	7	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA74150-1	Limits
321-60-8	2-Fluorobiphenyl	65%	46%	69%	10-130%
4165-60-0	Nitrobenzene-d5	88%	85%	77%	10-130%
1718-51-0	Terphenyl-d14	77%	65%	79%	10-130%

(a) Dilution required due to matrix interference.

* = 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: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28244-MB	FP083675.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461

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

DA74150-1, DA74150-2, DA74150-3

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	94%	20-142%

Method Blank Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28245-MB	FP083716.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462

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

DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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	93%	20-142%

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28244-BS	FP083676.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461

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

DA74150-1, DA74150-2, DA74150-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	178	89	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: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28244-BS2	FP083677.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461

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

DA74150-1, DA74150-2, DA74150-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	205	103	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28245-BS	FP083717.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462

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

DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	178	89	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	100%	20-142%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28245-BS2	FP083718.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462

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

DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	207	104	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	94%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28244-MS1	FP083678.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461
OP28244-MSD1	FP083679.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461
DA74146-17	FP083682.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461

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

DA74150-1, DA74150-2, DA74150-3

CAS No.	Compound	DA74146-17 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.6		230	190	83	206	175	85	8	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74146-17	Limits
84-15-1	o-Terphenyl	76%	94%	69%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28244-MS2	FP083680.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461
OP28244-MSD2	FP083681.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461
DA74146-18	FP083683.D	1	08/08/25	JB	08/07/25	OP28244	GFP2461

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

DA74150-1, DA74150-2, DA74150-3

CAS No.	Compound	DA74146-18 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)	< 6.8		218	218	100	210	216	103	1	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74146-18	Limits
84-15-1	o-Terphenyl	85%	71%	85%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28245-MS1	FP083719.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462
OP28245-MSD1	FP083720.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462
DA74150-4	FP083723.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462

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

DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	DA74150-4 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.3		215	180	84	219	187	86	4	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74150-4	Limits
84-15-1	o-Terphenyl	98%	88%	82%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74150
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28245-MS2	FP083721.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462
OP28245-MSD2	FP083722.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462
DA74150-5	FP083724.D	1	08/08/25	JB	08/08/25	OP28245	GFP2462

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

DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

CAS No.	Compound	DA74150-5 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 7.2		243	237	98	230	231	101	3	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74150-5	Limits
84-15-1	o-Terphenyl	97%	92%	87%	20-142%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/08/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	500	9.9	75		
Antimony	150	30	34		
Arsenic	130	11	23		
Barium	50	.95	6.5		
Beryllium	50	.5	6.5		
Boron	250	6.3	32	6.5	<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 MP42256: DA74150-1B, DA74150-2B, DA74150-3B, DA74150-4B, DA74150-5B, DA74150-6B, DA74150-7B, DA74150-8B, DA74150-9B, DA74150-10B, DA74150-11B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/08/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			08/08/25					08/08/25	
Metal	DA74152-3B Original	DUP	RPD	QC Limits	DA74152-3B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	102	116	12.8	0-20	102	9890	10000	97.9	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 MP42256: DA74150-1B, DA74150-2B, DA74150-3B, DA74150-4B, DA74150-5B, DA74150-6B, DA74150-7B, DA74150-8B, DA74150-9B, DA74150-10B, DA74150-11B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

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

Metal	DA74152-3B Original DUP	RPD	QC Limits	DA74152-3B 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: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/08/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	4470	5000	89.4 (a)	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 MP42256: DA74150-1B, DA74150-2B, DA74150-3B, DA74150-4B, DA74150-5B, DA74150-6B, DA74150-7B, DA74150-8B, DA74150-9B, DA74150-10B, DA74150-11B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/08/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(*) Outside of QC limits
(anr) Analyte not requested
(a) No samples for this element reported from this run.

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/08/25

Metal	DA74152-3B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	20.4	1980	9629.9(a	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42256: DA74150-1B, DA74150-2B, DA74150-3B, DA74150-4B, DA74150-5B, DA74150-6B, DA74150-7B, DA74150-8B, DA74150-9B, DA74150-10B, DA74150-11B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42256 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/08/25

	DA74152-3B		QC
Metal	Original SDL 1:5	%DIF	Limits

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42257 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 08/08/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.022	<0.10
Barium	1.0	.048	.12	0.031	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.0028	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	-0.099	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.014	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	-0.10	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.0047	<0.20
Silver	0.050	.0041	.015	0.00053	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	-0.082	<5.0

Associated samples MP42257: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42257
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 08/08/25

Metal	DA74149-8 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.5	113	120	91.8	75-125
Barium	61.6	282	241	91.6	75-125
Beryllium					
Boron					
Cadmium	0.11	59.6	60.2	98.9	75-125
Calcium					
Chromium					
Cobalt					
Copper	5.0	61.5	60.2	93.9	75-125
Iron					
Lead	5.8	122	120	96.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	6.0	61.1	60.2	91.6	75-125
Phosphorus					
Potassium					
Selenium	0.11	108	120	89.7	75-125
Silver	0.026	23.7	24.1	98.4	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	18.0	71.4	60.2	88.8	75-125

Associated samples MP42257: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42257 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 08/08/25

Metal	DA74149-8 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.5	111	119	91.1	1.8	20
Barium	61.6	286	238	94.2	1.4	20
Beryllium						
Boron						
Cadmium	0.11	58.5	59.6	98.0	1.9	20
Calcium						
Chromium						
Cobalt						
Copper	5.0	60.9	59.6	93.8	1.0	20
Iron						
Lead	5.8	122	119	97.5	0.0	20
Magnesium						
Manganese						
Molybdenum						
Nickel	6.0	60.2	59.6	91.0	1.5	20
Phosphorus						
Potassium						
Selenium	0.11	107	119	89.7	0.9	20
Silver	0.026	23.5	23.8	98.5	0.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	18.0	71.5	59.6	89.8	0.1	20

Associated samples MP42257: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42257
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 08/08/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	97.5	100	97.5	80-120
Barium	191	200	95.5	80-120
Beryllium				
Boron				
Cadmium	49.1	50	98.2	80-120
Calcium				
Chromium				
Cobalt				
Copper	49.9	50	99.8	80-120
Iron				
Lead	98.2	100	98.2	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	48.8	50	97.6	80-120
Phosphorus				
Potassium				
Selenium	95.5	100	95.5	80-120
Silver	19.7	20	98.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	47.4	50	94.8	80-120

Associated samples MP42257: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42257 Methods: SW846 6020B
Matrix Type: SOLID Units: ug/l

Prep Date: 08/08/25

Metal	DA74149-8 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	21.5	23.6	9.8	0-20
Barium	528	540	2.3	0-20
Beryllium				
Boron				
Cadmium	0.933	1.08	15.4	0-20
Calcium				
Chromium				
Cobalt				
Copper	43.2	41.9	2.9	0-20
Iron				
Lead	49.9	50.4	1.1	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	51.8	49.7	3.9	0-20
Phosphorus				
Potassium				
Selenium	0.931	0.00	100.0(a)	0-20
Silver	0.221	0.237	7.3	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	154	158	2.6	0-20

Associated samples MP42257: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11

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: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/13/25

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	-270	<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	-120	<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	-100	<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 MP42328: DA74150-4A, DA74150-5A, DA74150-6A, DA74150-7A, DA74150-8A, DA74150-9A, DA74150-10A, DA74150-11A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74155-2A Original MS		Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	70700	442000	375000	99.0	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	14600	386000	375000	99.0	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	3660	382000	375000	100.9	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP42328: DA74150-4A, DA74150-5A, DA74150-6A, DA74150-7A, DA74150-8A, DA74150-9A, DA74150-10A, DA74150-11A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74155-2A 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: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74155-2A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	70700	448000	375000	100.6	1.3	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	14600	386000	375000	99.0	0.0	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	3660	385000	375000	101.7	0.8	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP42328: DA74150-4A, DA74150-5A, DA74150-6A, DA74150-7A, DA74150-8A, DA74150-9A, DA74150-10A, DA74150-11A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74155-2A 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: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	398000	375000	106.1	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	390000	375000	104.0	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	402000	375000	107.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42328: DA74150-4A, DA74150-5A, DA74150-6A, DA74150-7A, DA74150-8A, DA74150-9A, DA74150-10A, DA74150-11A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74155-2A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4720	4090	13.2*(a)	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	974	817	16.0*(a)	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	244	131	46.5 (b)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42328: DA74150-4A, DA74150-5A, DA74150-6A, DA74150-7A, DA74150-8A, DA74150-9A, DA74150-10A, DA74150-11A

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42328 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

	DA74155-2A		QC
Metal	Original SDL 1:5	%DIF	Limits

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/13/25

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	-230	<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	-20	<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	663	<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 MP42329: DA74150-1A, DA74150-2A, DA74150-3A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74150-3A Original MS		Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	55700	490000	375000	115.8	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	13200	435000	375000	112.5	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	4230	434000	375000	114.6	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP42329: DA74150-1A, DA74150-2A, DA74150-3A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

	DA74150-3A	Spikelot		QC
Metal	Original MS	ICPALL6	% Rec	Limits

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74150-3A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	55700	488000	375000	115.3	0.4	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	13200	434000	375000	112.2	0.2	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	4230	434000	375000	114.6	0.0	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP42329: DA74150-1A, DA74150-2A, DA74150-3A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74150-3A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	401000	375000	106.9	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	394000	375000	105.1	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	402000	375000	107.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42329: DA74150-1A, DA74150-2A, DA74150-3A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

Metal	DA74150-3A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	3710	3350	9.7	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	881	756	14.1*(a)	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	282	195	30.9 (b)	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42329: DA74150-1A, DA74150-2A, DA74150-3A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

QC Batch ID: MP42329 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/13/25

	DA74150-3A		QC
Metal	Original SDL 1:5	%DIF	Limits

(anr) Analyte not requested
(a) Serial dilution indicates possible matrix interference.
(b) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

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: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39205/GN68424			mmhos/cm	1.409	1.4	100.4	90-110%

Associated Samples:
Batch GP39205: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA74150
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: SESE 36-7N-64W State Tholen

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39205/GN68424	DA74153-1	mmhos/cm	1.0	1.0	2.3	0-20%
pH	GN68423	DA74149-7	su	7.77	7.81	0.5	0-5%

Associated Samples:
Batch GN68423: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11
Batch GP39205: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11
(*) 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 #: 7944 9077 9147
Bottle Order Control #:
SGS Quote #:
SGS Job #: DA74150

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: TASMCOA: SESE 36-7N-64W State Tholen		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4036 Youngfield Street	Street	Billing Information (if different from Report to)	
City State Zip: Wheat Ridge, CO 8003:	City State	Company Name	
Project Contact E-mail: parna.eskandaripayandeh@sgs.com	Project #	Street Address	
Phone # Fax #: 303-425-6021	Client Purchase Order #	City State Zip	
Sampler(s) Name(s) Phone: EC	Project Manager	Attention:	

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	AST1@0-6"		8/5/25	11:15:00 AM	EC	SO										X	
2	AST2@0-6"		8/5/25	11:18:00 AM	EC	SO										X	
3	SEP01-FL@2.5'		8/5/25	12:45:00 PM	EC	SO										X	
4	SEP01-DL@2.5'		8/5/25	12:48:00 PM	EC	SO										X	
5	SEP02-FL@2.5'		8/5/25	12:53:00 PM	EC	SO										X	
6	SEP02-DL@2.5'		8/5/25	12:56:00 PM	EC	SO										X	
7	PWV01-B@4'		8/5/25	1:10:00 PM	EC	SO										X	
8	PWV01-N@2.5'		8/5/25	1:12:00 PM	EC	SO										X	
9	PWV01-E@2.5'		8/5/25	1:15:00 PM	EC	SO										X	
10	PWV01-S@2.5'		8/5/25	1:18:00 PM	EC	SO										X	
11	PWV01-W@2.5'		8/5/25	1:21:00 PM	EC	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 8/14/2025

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] REDT1 (Level 3)
- [ ] FULT1 (Level 4)
- [ ] Commercial "C"
- [ ] State Forms
- [ ] EDD Format
- [ ] Other
- [X] CC

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

Comments / Special Instructions

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	8-7-25	1 Fedex	2 Fedex 9:45 8/7		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐ Therm. ID:	On Ice ☐	Cooler Temp. IR#0 2.0
5		5				

Initial Assessment SE 2A
Label Verification

10.1 10

DA74150: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA74150 **Client:** **Project:**

Date / Time Received: 8/7/2025 9:45:00 AM **Delivery Method:** FED EX **Airbill #'s:** 7444 9077 9147

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

Cooler Temps (Corrected) °C: Cooler 1: (2.0);

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

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

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

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

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

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

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

Comments

SM089-03
Rev. Date 12/7/17

10.1
10

DA74150: 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: DA74150
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: SESE 36-7N-64W State Tholen

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP63270/GN72387	0.40	0.0	mg/kg	40	38.6	96.5	80-120%
Chromium, Hexavalent	GP63270/GN72387			mg/kg	746	646	86.5	80-120%

Associated Samples:
Batch GP63270: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA74150
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: SESE 36-7N-64W State Tholen

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP63270/GN72387	DA74149-8	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP63270: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA74150
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: SESE 36-7N-64W State Tholen

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP63270/GN72387	DA74149-8	mg/kg	0.0	50.1	46.8	93.3(a)	75-125%
Chromium, Hexavalent	GP63270/GN72387	DA74149-8	mg/kg	0.0	957	768	80.3(b)	75-125%

Associated Samples:
Batch GP63270: DA74150-1, DA74150-2, DA74150-3, DA74150-4, DA74150-5, DA74150-6, DA74150-7, DA74150-8, DA74150-9, DA74150-10, DA74150-11
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (95.4%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.