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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Scott-67N64W 325ENE

10524

SGS Job Number: DA72915

Sampling Date: 06/09/25

Report to:

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Total number of pages in report: 159

Eric Hoffman

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.

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Table of Contents

-1-

Section 1: Sample Summary **4**
Section 2: Summary of Hits **7**
Section 3: Sample Results **14**
3.1: DA72915-1: AST01@0-6" 15
3.2: DA72915-1A: AST01@0-6" 20
3.3: DA72915-1B: AST01@0-6" 22
3.4: DA72915-2: AST02@0-6" 23
3.5: DA72915-2A: AST02@0-6" 28
3.6: DA72915-2B: AST02@0-6" 30
3.7: DA72915-3: PWV01-B@8' 31
3.8: DA72915-3A: PWV01-B@8' 36
3.9: DA72915-3B: PWV01-B@8' 38
3.10: DA72915-5: PWV01-E@7' 39
3.11: DA72915-5A: PWV01-E@7' 44
3.12: DA72915-5B: PWV01-E@7' 46
3.13: DA72915-7: PWV02-B@8' 47
3.14: DA72915-7A: PWV02-B@8' 52
3.15: DA72915-7B: PWV02-B@8' 54
3.16: DA72915-8: PWV02-S@7' 55
3.17: DA72915-8A: PWV02-S@7' 60
3.18: DA72915-8B: PWV02-S@7' 62
3.19: DA72915-11: SEP01-FL@3' 63
3.20: DA72915-11A: SEP01-FL@3' 68
3.21: DA72915-11B: SEP01-FL@3' 70
3.22: DA72915-12: SEP01-DL@3' 71
3.23: DA72915-12A: SEP01-DL@3' 76
3.24: DA72915-12B: SEP01-DL@3' 78
3.25: DA72915-13: SEP02-FL@3' 79
3.26: DA72915-13A: SEP02-FL@3' 84
3.27: DA72915-13B: SEP02-FL@3' 86
3.28: DA72915-14: SEP02-DL@3' 87
3.29: DA72915-14A: SEP02-DL@3' 92
3.30: DA72915-14B: SEP02-DL@3' 94
Section 4: Misc. Forms **95**
4.1: Chain of Custody 96
Section 5: MS Volatiles - QC Data Summaries **99**
5.1: Method Blank Summary 100
5.2: Blank Spike Summary 102
5.3: Matrix Spike/Matrix Spike Duplicate Summary 106
Section 6: MS Semi-volatiles - QC Data Summaries **110**
6.1: Method Blank Summary 111
6.2: Blank Spike Summary 112

Table of Contents

6.3: Matrix Spike/Matrix Spike Duplicate Summary 113
Section 7: GC/LC Semi-volatiles - QC Data Summaries 114
7.1: Method Blank Summary 115
7.2: Blank Spike Summary 117
7.3: Matrix Spike/Matrix Spike Duplicate Summary 121
Section 8: Metals Analysis - QC Data Summaries 125
8.1: Prep QC MP41534: B 126
8.2: Prep QC MP41567: As,Ba,Cd,Cu,Pb,Ni,Se,Ag,Zn 132
8.3: Prep QC MP41568: As,Ba,Cd,Cu,Pb,Ni,Se,Ag,Zn 137
8.4: Prep QC MP41581: Ca,Mg,Na 142
Section 9: General Chemistry - QC Data Summaries 150
9.1: Method Blank and Spike Results Summary 151
9.2: Duplicate Results Summary 152
Section 10: Misc. Forms (SGS Dayton, NJ) 153
10.1: Chain of Custody 154
Section 11: General Chemistry - QC Data (SGS Dayton, NJ) 156
11.1: Method Blank and Spike Results Summary 157
11.2: Duplicate Results Summary 158
11.3: Matrix Spike Results Summary 159

SGS North America Inc.

Sample Summary

Chevron USA, Inc.

Job No: DA72915

TASMCOA: Scott-67N64W 325ENE
Project No: 10524

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72915-1	06/09/25	09:58	MB	06/09/25	SO	Soil	AST01@0-6"
DA72915-1A	06/09/25	09:58	MB	06/09/25	SO	Soil	AST01@0-6"
DA72915-1B	06/09/25	09:58	MB	06/09/25	SO	Soil	AST01@0-6"
DA72915-2	06/09/25	09:59	MB	06/09/25	SO	Soil	AST02@0-6"
DA72915-2A	06/09/25	09:59	MB	06/09/25	SO	Soil	AST02@0-6"
DA72915-2B	06/09/25	09:59	MB	06/09/25	SO	Soil	AST02@0-6"
DA72915-3	06/09/25	12:08	MB	06/09/25	SO	Soil	PWV01-B@8'
DA72915-3A	06/09/25	12:08	MB	06/09/25	SO	Soil	PWV01-B@8'
DA72915-3B	06/09/25	12:08	MB	06/09/25	SO	Soil	PWV01-B@8'
DA72915-5	06/09/25	12:15	MB	06/09/25	SO	Soil	PWV01-E@7'
DA72915-5A	06/09/25	12:15	MB	06/09/25	SO	Soil	PWV01-E@7'
DA72915-5B	06/09/25	12:15	MB	06/09/25	SO	Soil	PWV01-E@7'

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

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA72915

TASMCOA: Scott-67N64W 325ENE
Project No: 10524

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72915-7	06/09/25	12:25	MB	06/09/25	SO	Soil	PWV02-B@8'
DA72915-7A	06/09/25	12:25	MB	06/09/25	SO	Soil	PWV02-B@8'
DA72915-7B	06/09/25	12:25	MB	06/09/25	SO	Soil	PWV02-B@8'
DA72915-8	06/09/25	13:02	MB	06/09/25	SO	Soil	PWV02-S@7'
DA72915-8A	06/09/25	13:02	MB	06/09/25	SO	Soil	PWV02-S@7'
DA72915-8B	06/09/25	13:02	MB	06/09/25	SO	Soil	PWV02-S@7'
DA72915-11	06/09/25	12:29	MB	06/09/25	SO	Soil	SEP01-FL@3'
DA72915-11A	06/09/25	12:29	MB	06/09/25	SO	Soil	SEP01-FL@3'
DA72915-11B	06/09/25	12:29	MB	06/09/25	SO	Soil	SEP01-FL@3'
DA72915-12	06/09/25	12:31	MB	06/09/25	SO	Soil	SEP01-DL@3'
DA72915-12A	06/09/25	12:31	MB	06/09/25	SO	Soil	SEP01-DL@3'
DA72915-12B	06/09/25	12:31	MB	06/09/25	SO	Soil	SEP01-DL@3'
DA72915-13	06/09/25	12:40	MB	06/09/25	SO	Soil	SEP02-FL@3'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA72915

TASMCOA: Scott-67N64W 325ENE
Project No: 10524

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA72915-13A	06/09/25	12:40	MB	06/09/25	SO	Soil	SEP02-FL@3'
DA72915-13B	06/09/25	12:40	MB	06/09/25	SO	Soil	SEP02-FL@3'
DA72915-14	06/09/25	12:50	MB	06/09/25	SO	Soil	SEP02-DL@3'
DA72915-14A	06/09/25	12:50	MB	06/09/25	SO	Soil	SEP02-DL@3'
DA72915-14B	06/09/25	12:50	MB	06/09/25	SO	Soil	SEP02-DL@3'

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

2

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72915-1	**AST01@0-6"**					
Arsenic		5.0	0.11		mg/kg	SW846 6020B
Barium		138	1.1		mg/kg	SW846 6020B
Cadmium		0.41	0.057		mg/kg	SW846 6020B
Copper		16.3	1.1		mg/kg	SW846 6020B
Lead		15.6	0.29		mg/kg	SW846 6020B
Nickel		12.3	1.1		mg/kg	SW846 6020B
Selenium		0.38	0.23		mg/kg	SW846 6020B
Silver		0.059	0.057		mg/kg	SW846 6020B
Zinc		54.2	5.7		mg/kg	SW846 6020B
pH		7.81			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-1A	**AST01@0-6"**					
Calcium		104	4.0		mg/l	SW846 6010C
Magnesium		26.9	2.0		mg/l	SW846 6010C
Sodium		107	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.42			ratio	USDA HANDBOOK 60
DA72915-1B	**AST01@0-6"**					
No hits reported in this sample.						
DA72915-2	**AST02@0-6"**					
Arsenic		4.6	0.11		mg/kg	SW846 6020B
Barium		232	1.1		mg/kg	SW846 6020B
Cadmium		0.42	0.056		mg/kg	SW846 6020B
Copper		15.8	1.1		mg/kg	SW846 6020B
Lead		15.1	0.28		mg/kg	SW846 6020B
Nickel		13.1	1.1		mg/kg	SW846 6020B
Selenium		0.42	0.22		mg/kg	SW846 6020B
Silver		0.059	0.056		mg/kg	SW846 6020B
Zinc		50.6	5.6		mg/kg	SW846 6020B
pH		7.63			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.69	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-2A	**AST02@0-6"**					
Calcium		75.1	4.0		mg/l	SW846 6010C
Magnesium		14.3	2.0		mg/l	SW846 6010C
Sodium		27.8	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.770			ratio	USDA HANDBOOK 60

2

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA72915-2B	**AST02@0-6"**					
No hits reported in this sample.						
DA72915-3	**PWV01-B@8'**					
Fluoranthene		0.0053	0.0050	0.0025	mg/kg	SW846 8270E
Fluorene		0.0331	0.0050	0.0025	mg/kg	SW846 8270E
1-Methylnaphthalene		0.0752	0.0050	0.0025	mg/kg	SW846 8270E
2-Methylnaphthalene		0.0984	0.0050	0.0025	mg/kg	SW846 8270E
Naphthalene		0.0049	0.0025	0.0019	mg/kg	SW846 8270E
Pyrene		0.0088	0.0050	0.0025	mg/kg	SW846 8270E
TPH-DRO (C10-C28)		8.53	4.5	4.2	mg/kg	SW846-8015C
Arsenic		4.6	0.12		mg/kg	SW846 6020B
Barium		217	1.2		mg/kg	SW846 6020B
Cadmium		0.45	0.060		mg/kg	SW846 6020B
Copper		13.8	1.2		mg/kg	SW846 6020B
Lead		13.5	0.30		mg/kg	SW846 6020B
Nickel		13.2	1.2		mg/kg	SW846 6020B
Selenium		0.48	0.24		mg/kg	SW846 6020B
Zinc		54.5	6.0		mg/kg	SW846 6020B
pH		7.50			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.7	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-3A	**PWV01-B@8'**					
Calcium		362	4.0		mg/l	SW846 6010C
Magnesium		25.5	2.0		mg/l	SW846 6010C
Sodium		5.96	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.0816			ratio	USDA HANDBOOK 60
DA72915-3B	**PWV01-B@8'**					
No hits reported in this sample.						
DA72915-5	**PWV01-E@7'**					
Fluoranthene		0.0123	0.0047	0.0024	mg/kg	SW846 8270E
Fluorene		0.0923	0.0047	0.0024	mg/kg	SW846 8270E
1-Methylnaphthalene		0.283	0.0047	0.0024	mg/kg	SW846 8270E
2-Methylnaphthalene		0.394	0.0047	0.0024	mg/kg	SW846 8270E
Naphthalene		0.0339	0.0024	0.0018	mg/kg	SW846 8270E
Pyrene		0.0230	0.0047	0.0024	mg/kg	SW846 8270E
TPH-DRO (C10-C28)		105	4.3	4.1	mg/kg	SW846-8015C

2

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
TPH-ORO (> C28-C36)	79.4	6.5	5.4	mg/kg	SW846-8015C
Arsenic	4.8	0.12		mg/kg	SW846 6020B
Barium	179	1.2		mg/kg	SW846 6020B
Cadmium	0.52	0.058		mg/kg	SW846 6020B
Copper	17.0	1.2		mg/kg	SW846 6020B
Lead	13.5	0.29		mg/kg	SW846 6020B
Nickel	14.9	1.2		mg/kg	SW846 6020B
Selenium	0.42	0.23		mg/kg	SW846 6020B
Silver	0.060	0.058		mg/kg	SW846 6020B
Zinc	46.8	5.8		mg/kg	SW846 6020B
pH	7.15			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.86	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-5A PWV01-E@7'					
Calcium	129	4.0		mg/l	SW846 6010C
Magnesium	13.1	2.0		mg/l	SW846 6010C
Sodium	28.4	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]	0.637			ratio	USDA HANDBOOK 60
DA72915-5B PWV01-E@7'					
No hits reported in this sample.					
DA72915-7 PWV02-B@8'					
1-Methylnaphthalene	0.0209	0.0044	0.0022	mg/kg	SW846 8270E
2-Methylnaphthalene	0.0229	0.0044	0.0022	mg/kg	SW846 8270E
Pyrene	0.0062	0.0044	0.0022	mg/kg	SW846 8270E
Arsenic	3.2	0.11		mg/kg	SW846 6020B
Barium	86.2	1.1		mg/kg	SW846 6020B
Cadmium	0.24	0.055		mg/kg	SW846 6020B
Copper	6.7	1.1		mg/kg	SW846 6020B
Lead	6.7	0.28		mg/kg	SW846 6020B
Nickel	7.2	1.1		mg/kg	SW846 6020B
Selenium	0.27	0.22		mg/kg	SW846 6020B
Zinc	26.8	5.5		mg/kg	SW846 6020B
pH	7.45			su	WREP-125,4E-SATPASTE
Specific Conductivity	2.2	0.0010		mmhos/cm	SM 2510B-2011 MOD
Chromium, Hexavalent [b]	0.56	0.49		mg/kg	SW846 3060A/7199
DA72915-7A PWV02-B@8'					
Calcium	542	4.0		mg/l	SW846 6010C
Magnesium	43.2	2.0		mg/l	SW846 6010C

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium		7.46	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.0829			ratio	USDA HANDBOOK 60

DA72915-7B PWV02-B@8'

No hits reported in this sample.

DA72915-8 PWV02-S@7'

Benzo(a)anthracene	0.0162	0.0050	0.0030	mg/kg	SW846 8270E
Chrysene	0.0079	0.0040	0.0020	mg/kg	SW846 8270E
Fluoranthene	0.0062	0.0040	0.0020	mg/kg	SW846 8270E
Fluorene	0.0625	0.0040	0.0020	mg/kg	SW846 8270E
1-Methylnaphthalene	0.169	0.0040	0.0020	mg/kg	SW846 8270E
2-Methylnaphthalene	0.235	0.0040	0.0020	mg/kg	SW846 8270E
Naphthalene	0.0249	0.0020	0.0015	mg/kg	SW846 8270E
Pyrene	0.0145	0.0040	0.0020	mg/kg	SW846 8270E
TPH-DRO (C10-C28)	289	4.0	3.8	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	205	6.0	5.0	mg/kg	SW846-8015C
Arsenic	2.4	0.11		mg/kg	SW846 6020B
Barium	97.1	1.1		mg/kg	SW846 6020B
Cadmium	0.17	0.053		mg/kg	SW846 6020B
Copper	6.0	1.1		mg/kg	SW846 6020B
Lead	5.8	0.27		mg/kg	SW846 6020B
Nickel	7.0	1.1		mg/kg	SW846 6020B
Zinc	26.1	5.3		mg/kg	SW846 6020B
pH	7.71			su	WREP-125,4E-SATPASTE
Specific Conductivity	1.1	0.0010		mmhos/cm	SM 2510B-2011 MOD

DA72915-8A PWV02-S@7'

No hits reported in this sample.

DA72915-8B PWV02-S@7'

No hits reported in this sample.

DA72915-11 SEP01-FL@3'

1,2,4-Trimethylbenzene	0.0011 J	0.0022	0.00066	mg/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.0018 J	0.0022	0.00055	mg/kg	SW846 8260B
o-Xylene	0.0016 J	0.0022	0.00078	mg/kg	SW846 8260B
TPH-DRO (C10-C28)	11.9	4.7	4.5	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	7.75	7.1	5.9	mg/kg	SW846-8015C
Arsenic	4.3	0.12		mg/kg	SW846 6020B

2

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Barium	122	1.2		mg/kg	SW846 6020B
Cadmium	0.35	0.060		mg/kg	SW846 6020B
Copper	11.1	1.2		mg/kg	SW846 6020B
Lead	11.2	0.30		mg/kg	SW846 6020B
Nickel	11.0	1.2		mg/kg	SW846 6020B
Selenium	0.36	0.24		mg/kg	SW846 6020B
Zinc	46.4	6.0		mg/kg	SW846 6020B
pH	7.50			su	WREP-125,4E-SATPASTE
Specific Conductivity	2.6	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-11A SEP01-FL@3'					
Calcium	468	4.0		mg/l	SW846 6010C
Magnesium	135	2.0		mg/l	SW846 6010C
Sodium	34.3	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]	0.359			ratio	USDA HANDBOOK 60
DA72915-11B SEP01-FL@3'					
No hits reported in this sample.					
DA72915-12 SEP01-DL@3'					
1,2,4-Trimethylbenzene	0.0011 J	0.0021	0.00063	mg/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.00062 J	0.0021	0.00053	mg/kg	SW846 8260B
o-Xylene	0.0012 J	0.0021	0.00074	mg/kg	SW846 8260B
Fluorene	0.0051	0.0045	0.0022	mg/kg	SW846 8270E
1-Methylnaphthalene	0.0147	0.0045	0.0022	mg/kg	SW846 8270E
TPH-DRO (C10-C28)	73.8	4.5	4.3	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)	47.5	6.7	5.6	mg/kg	SW846-8015C
Arsenic	3.3	0.11		mg/kg	SW846 6020B
Barium	132	1.1		mg/kg	SW846 6020B
Cadmium	0.27	0.057		mg/kg	SW846 6020B
Copper	7.1	1.1		mg/kg	SW846 6020B
Lead	7.9	0.29		mg/kg	SW846 6020B
Nickel	8.6	1.1		mg/kg	SW846 6020B
Zinc	43.6	5.7		mg/kg	SW846 6020B
pH	7.75			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.62	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-12A SEP01-DL@3'					
Calcium	76.8	4.0		mg/l	SW846 6010C
Magnesium	25.2	2.0		mg/l	SW846 6010C
Sodium	8.34	4.0		mg/l	SW846 6010C

2

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium Adsorption Ratio [a]		0.211			ratio	USDA HANDBOOK 60
DA72915-12B	**SEP01-DL@3'**					
No hits reported in this sample.						
DA72915-13	**SEP02-FL@3'**					
Fluorene		0.0029 J	0.0043	0.0021	mg/kg	SW846 8270E
1-Methylnaphthalene		0.0057	0.0043	0.0021	mg/kg	SW846 8270E
2-Methylnaphthalene		0.0050	0.0043	0.0021	mg/kg	SW846 8270E
TPH-DRO (C10-C28)		10.6	4.3	4.1	mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		7.14	6.5	5.4	mg/kg	SW846-8015C
Arsenic		5.7	0.11		mg/kg	SW846 6020B
Barium		139	1.1		mg/kg	SW846 6020B
Cadmium		0.37	0.056		mg/kg	SW846 6020B
Copper		10.5	1.1		mg/kg	SW846 6020B
Lead		9.3	0.28		mg/kg	SW846 6020B
Nickel		10.8	1.1		mg/kg	SW846 6020B
Selenium		0.28	0.22		mg/kg	SW846 6020B
Zinc		138	5.6		mg/kg	SW846 6020B
pH		7.53			su	WREP-125,4E-SATPASTE
Specific Conductivity		2.4	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-13A	**SEP02-FL@3'**					
Calcium		425	4.0		mg/l	SW846 6010C
Magnesium		97.9	2.0		mg/l	SW846 6010C
Sodium		36.4	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.414			ratio	USDA HANDBOOK 60
DA72915-13B	**SEP02-FL@3'**					
No hits reported in this sample.						
DA72915-14	**SEP02-DL@3'**					
1,2,4-Trimethylbenzene		0.0015 J	0.0022	0.00067	mg/kg	SW846 8260B
Arsenic		4.3	0.11		mg/kg	SW846 6020B
Barium		106	1.1		mg/kg	SW846 6020B
Cadmium		0.21	0.056		mg/kg	SW846 6020B
Copper		8.6	1.1		mg/kg	SW846 6020B
Lead		7.9	0.28		mg/kg	SW846 6020B
Nickel		8.9	1.1		mg/kg	SW846 6020B
Selenium		0.23	0.22		mg/kg	SW846 6020B

2

Summary of Hits

Job Number: DA72915
Account: Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE
Collected: 06/09/25

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
Zinc	34.1	5.6		mg/kg	SW846 6020B
pH	7.63			su	WREP-125,4E-SATPASTE
Specific Conductivity	2.7	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA72915-14A SEP02-DL@3'					
Calcium	548	4.0		mg/l	SW846 6010C
Magnesium	123	2.0		mg/l	SW846 6010C
Sodium	34.2	4.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]	0.343			ratio	USDA HANDBOOK 60
DA72915-14B SEP02-DL@3'					

No hits reported in this sample.

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72915-1	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36512.D	1	06/18/25 02:34	MB	n/a	n/a	V4V1844
Run #2							

	Initial Weight	Final Volume
Run #1	5.45 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00056	mg/kg	
100-41-4	Ethylbenzene	ND	0.0023	0.00056	mg/kg	
108-88-3	Toluene	ND	0.0023	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0023	0.00068	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0023	0.00056	mg/kg	
	m,p-Xylene	ND	0.0023	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0023	0.00079	mg/kg	
1330-20-7	Xylene (total)	ND	0.0023	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.23	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72915-1	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57660.D	1	06/13/25 20:50	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0046	0.0023	mg/kg	
120-12-7	Anthracene	ND	0.0046	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0058	0.0035	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0046	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0046	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0046	0.0023	mg/kg	
218-01-9	Chrysene	ND	0.0046	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0046	0.0023	mg/kg	
206-44-0	Fluoranthene	ND	0.0046	0.0023	mg/kg	
86-73-7	Fluorene	ND	0.0046	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0046	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0046	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0046	0.0023	mg/kg	
91-20-3	Naphthalene	ND	0.0023	0.0017	mg/kg	
129-00-0	Pyrene	ND	0.0046	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	51%		10-130%
4165-60-0	Nitrobenzene-d5	68%		10-130%
1718-51-0	Terphenyl-d14	72%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72915-1	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43623.D	1	06/11/25 06:17	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

	Initial Weight	Final Volume
Run #1	5.6 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.4	4.2	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.6	5.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	56%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72915-1	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.0	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	138	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.41	0.057	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	16.3	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	15.6	0.29	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	12.3	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.38	0.23	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	0.059	0.057	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	54.2	5.7	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41567

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72915-1	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	81.4		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.81		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.2	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.51	0.51	mg/kg	1	06/20/25 18:40	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:	DA72915-1A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	104	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	26.9	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	107	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST01@0-6"		
Lab Sample ID:	DA72915-1A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.42		ratio	1	06/20/25 11:57	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:	DA72915-1B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	81.4
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72915-2	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36513.D	1	06/18/25 02:57	MB	n/a	n/a	V4V1844
Run #2							

	Initial Weight	Final Volume
Run #1	5.42 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00056	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00056	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	0.00067	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00056	mg/kg	
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00078	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	108%		70-130%
17060-07-0	1,2-Dichloroethane-D4	97%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72915-2	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57661.D	1	06/13/25 21:17	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0047	0.0024	mg/kg	
120-12-7	Anthracene	ND	0.0047	0.0024	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0059	0.0036	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0047	0.0024	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0047	0.0024	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0047	0.0024	mg/kg	
218-01-9	Chrysene	ND	0.0047	0.0024	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0047	0.0024	mg/kg	
206-44-0	Fluoranthene	ND	0.0047	0.0024	mg/kg	
86-73-7	Fluorene	ND	0.0047	0.0024	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0047	0.0024	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0047	0.0024	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0047	0.0024	mg/kg	
91-20-3	Naphthalene	ND	0.0024	0.0018	mg/kg	
129-00-0	Pyrene	ND	0.0047	0.0024	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	44%		10-130%
4165-60-0	Nitrobenzene-d5	74%		10-130%
1718-51-0	Terphenyl-d14	69%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72915-2	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43624.D	1	06/11/25 06:33	JB	06/10/25 10:00	OP27838	GLW1015
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	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.8	4.6	mg/kg	
	TPH-ORO (> C28-C36)	ND	7.2	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72915-2	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.6	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	232	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.42	0.056	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	15.8	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	15.1	0.28	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.1	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.42	0.22	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	0.059	0.056	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	50.6	5.6	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72915-2	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	82.6		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.63		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.69	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	06/20/25 18:56	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:	DA72915-2A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	75.1	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	14.3	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	27.8	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	AST02@0-6"		
Lab Sample ID:	DA72915-2A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.770		ratio	1	06/20/25 09:59	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:	DA72915-2B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.6
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36514.D	1	06/18/25 03:19	MB	n/a	n/a	V4V1844
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0012	0.00059	mg/kg	
100-41-4	Ethylbenzene	ND	0.0023	0.00059	mg/kg	
108-88-3	Toluene	ND	0.0023	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0023	0.00070	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0023	0.00059	mg/kg	
	m,p-Xylene	ND	0.0023	0.0021	mg/kg	
95-47-6	o-Xylene	ND	0.0023	0.00082	mg/kg	
1330-20-7	Xylene (total)	ND	0.0023	0.0021	mg/kg	
	TPH-GRO (C6-C10)	ND	0.23	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57662.D	1	06/13/25 21:45	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0050	0.0025	mg/kg	
120-12-7	Anthracene	ND	0.0050	0.0025	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0062	0.0037	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0050	0.0025	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0050	0.0025	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0050	0.0025	mg/kg	
218-01-9	Chrysene	ND	0.0050	0.0025	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0050	0.0025	mg/kg	
206-44-0	Fluoranthene	0.0053	0.0050	0.0025	mg/kg	
86-73-7	Fluorene	0.0331	0.0050	0.0025	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0050	0.0025	mg/kg	
90-12-0	1-Methylnaphthalene	0.0752	0.0050	0.0025	mg/kg	
91-57-6	2-Methylnaphthalene	0.0984	0.0050	0.0025	mg/kg	
91-20-3	Naphthalene	0.0049	0.0025	0.0019	mg/kg	
129-00-0	Pyrene	0.0088	0.0050	0.0025	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	69%		10-130%
4165-60-0	Nitrobenzene-d5	73%		10-130%
1718-51-0	Terphenyl-d14	78%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43625.D	1	06/11/25 06:48	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

	Initial Weight	Final Volume
Run #1	5.6 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	8.53	4.5	4.2	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.7	5.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	70%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.6	0.12	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	217	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.45	0.060	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	13.8	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	13.5	0.30	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	13.2	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.48	0.24	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.060	0.060	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	54.5	6.0	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	80.6		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.50		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.7	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.50	0.50	mg/kg	1	06/20/25 19:11	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	362	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	25.5	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	5.96	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-B@8'		
Lab Sample ID:	DA72915-3A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.0816		ratio	1	06/20/25 10:02	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@8'		
Lab Sample ID:	DA72915-3B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	80.6
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36515.D	1	06/18/25 03:41	MB	n/a	n/a	V4V1844
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0012	0.00058	mg/kg	
100-41-4	Ethylbenzene	ND	0.0023	0.00058	mg/kg	
108-88-3	Toluene	ND	0.0023	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0023	0.00070	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0023	0.00058	mg/kg	
	m,p-Xylene	ND	0.0023	0.0021	mg/kg	
95-47-6	o-Xylene	ND	0.0023	0.00081	mg/kg	
1330-20-7	Xylene (total)	ND	0.0023	0.0021	mg/kg	
	TPH-GRO (C6-C10)	ND	0.23	0.14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57677.D	1	06/14/25 04:28	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0047	0.0024	mg/kg	
120-12-7	Anthracene	ND	0.0047	0.0024	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0059	0.0036	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0047	0.0024	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0047	0.0024	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0047	0.0024	mg/kg	
218-01-9	Chrysene	ND	0.0047	0.0024	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0047	0.0024	mg/kg	
206-44-0	Fluoranthene	0.0123	0.0047	0.0024	mg/kg	
86-73-7	Fluorene	0.0923	0.0047	0.0024	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0047	0.0024	mg/kg	
90-12-0	1-Methylnaphthalene	0.283	0.0047	0.0024	mg/kg	
91-57-6	2-Methylnaphthalene	0.394	0.0047	0.0024	mg/kg	
91-20-3	Naphthalene	0.0339	0.0024	0.0018	mg/kg	
129-00-0	Pyrene	0.0230	0.0047	0.0024	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	76%		10-130%
4165-60-0	Nitrobenzene-d5	79%		10-130%
1718-51-0	Terphenyl-d14	82%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43626.D	1	06/11/25 07:04	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

	Initial Weight	Final Volume
Run #1	5.6 g	10.0 ml
Run #2		

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	105	4.3	4.1	mg/kg	
	TPH-ORO (> C28-C36)	79.4	6.5	5.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.8	0.12	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	179	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.52	0.058	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	17.0	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	13.5	0.29	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	14.9	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.42	0.23	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	0.060	0.058	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	46.8	5.8	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	82.8		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.15		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.86	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.49	0.49	mg/kg	1	06/20/25 19:27	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	129	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	13.1	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	28.4	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.637		ratio	1	06/20/25 10:05	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV01-E@7'		
Lab Sample ID:	DA72915-5B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	82.8
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36516.D	1	06/18/25 04:03	MB	n/a	n/a	V4V1844
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00055	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00055	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	0.00066	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00055	mg/kg	
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00078	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57663.D	1	06/13/25 22:12	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0044	0.0022	mg/kg	
120-12-7	Anthracene	ND	0.0044	0.0022	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0055	0.0033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0044	0.0022	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0044	0.0022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0044	0.0022	mg/kg	
218-01-9	Chrysene	ND	0.0044	0.0022	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0044	0.0022	mg/kg	
206-44-0	Fluoranthene	ND	0.0044	0.0022	mg/kg	
86-73-7	Fluorene	ND	0.0044	0.0022	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0044	0.0022	mg/kg	
90-12-0	1-Methylnaphthalene	0.0209	0.0044	0.0022	mg/kg	
91-57-6	2-Methylnaphthalene	0.0229	0.0044	0.0022	mg/kg	
91-20-3	Naphthalene	ND	0.0022	0.0017	mg/kg	
129-00-0	Pyrene	0.0062	0.0044	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	67%		10-130%
4165-60-0	Nitrobenzene-d5	78%		10-130%
1718-51-0	Terphenyl-d14	73%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43627.D	1	06/11/25 07:19	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.6	4.4	mg/kg	
	TPH-ORO (> C28-C36)	ND	7.0	5.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	71%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	86.2	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.24	0.055	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.7	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.7	0.28	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.2	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.27	0.22	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.055	0.055	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.8	5.5	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	85.3		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.45		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.2	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	0.56	0.49	mg/kg	1	06/21/25 10:50	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	542	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	43.2	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	7.46	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.0829		ratio	1	06/20/25 10:08	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-B@8'		
Lab Sample ID:	DA72915-7B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36517.D	1	06/18/25 04:26	MB	n/a	n/a	V4V1844
Run #2							

	Initial Weight	Final Volume
Run #1	5.15 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00056	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00056	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	0.00067	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00056	mg/kg	
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00078	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	91%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57714.D	1	06/17/25 01:27	TH	06/12/25 16:30	OP27846	E3G2814
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0040	0.0020	mg/kg	
120-12-7	Anthracene	ND	0.0040	0.0020	mg/kg	
56-55-3	Benzo(a)anthracene	0.0162	0.0050	0.0030	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0040	0.0020	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0040	0.0020	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0040	0.0020	mg/kg	
218-01-9	Chrysene	0.0079	0.0040	0.0020	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0040	0.0020	mg/kg	
206-44-0	Fluoranthene	0.0062	0.0040	0.0020	mg/kg	
86-73-7	Fluorene	0.0625	0.0040	0.0020	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0040	0.0020	mg/kg	
90-12-0	1-Methylnaphthalene	0.169	0.0040	0.0020	mg/kg	
91-57-6	2-Methylnaphthalene	0.235	0.0040	0.0020	mg/kg	
91-20-3	Naphthalene	0.0249	0.0020	0.0015	mg/kg	
129-00-0	Pyrene	0.0145	0.0040	0.0020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	84%		10-130%
4165-60-0	Nitrobenzene-d5	83%		10-130%
1718-51-0	Terphenyl-d14	88%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43628.D	1	06/11/25 07:35	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	289	4.0	3.8	mg/kg	
	TPH-ORO (> C28-C36)	205	6.0	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	108%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.4	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	97.1	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.17	0.053	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.0	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.8	0.27	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.0	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.21	0.21	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.053	0.053	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	26.1	5.3	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	87.3		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.71		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.1	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	06/21/25 11:14	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	< 4.0	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	< 2.0	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 4.0	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.00		ratio	1	06/20/25 10:11	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	PWV02-S@7'		
Lab Sample ID:	DA72915-8B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36518.D	1	06/18/25 04:48	MB	n/a	n/a	V4V1844
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00055	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00055	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0011	0.0022	0.00066	mg/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.0018	0.0022	0.00055	mg/kg	J
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	0.0016	0.0022	0.00078	mg/kg	J
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57674.D	1	06/14/25 03:08	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0047	0.0023	mg/kg	
120-12-7	Anthracene	ND	0.0047	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0059	0.0035	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0047	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0047	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0047	0.0023	mg/kg	
218-01-9	Chrysene	ND	0.0047	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0047	0.0023	mg/kg	
206-44-0	Fluoranthene	ND	0.0047	0.0023	mg/kg	
86-73-7	Fluorene	ND	0.0047	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0047	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0047	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0047	0.0023	mg/kg	
91-20-3	Naphthalene	ND	0.0023	0.0018	mg/kg	
129-00-0	Pyrene	ND	0.0047	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	51%		10-130%
4165-60-0	Nitrobenzene-d5	69%		10-130%
1718-51-0	Terphenyl-d14	79%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43629.D	1	06/11/25 07:50	JB	06/10/25 10:00	OP27838	GLW1015
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	MDL	Units	Q
	TPH-DRO (C10-C28)	11.9	4.7	4.5	mg/kg	
	TPH-ORO (> C28-C36)	7.75	7.1	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	92%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.3	0.12	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	122	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.35	0.060	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	11.1	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	11.2	0.30	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	11.0	1.2	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.36	0.24	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.060	0.060	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	46.4	6.0	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.7		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.50		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.6	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	06/21/25 11:46	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	468	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	135	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	34.3	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-FL@3'		
Lab Sample ID:	DA72915-11A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.359		ratio	1	06/20/25 10:20	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@3'		
Lab Sample ID:	DA72915-11B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	83.7
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36519.D	1	06/18/25 05:11	MB	n/a	n/a	V4V1844
Run #2							

	Initial Weight	Final Volume
Run #1	5.48 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00053	mg/kg	
100-41-4	Ethylbenzene	ND	0.0021	0.00053	mg/kg	
108-88-3	Toluene	ND	0.0021	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0011	0.0021	0.00063	mg/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.00062	0.0021	0.00053	mg/kg	J
	m,p-Xylene	ND	0.0021	0.0019	mg/kg	
95-47-6	o-Xylene	0.0012	0.0021	0.00074	mg/kg	J
1330-20-7	Xylene (total)	ND	0.0021	0.0019	mg/kg	
	TPH-GRO (C6-C10)	ND	0.21	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57676.D	1	06/14/25 04:01	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0045	0.0022	mg/kg	
120-12-7	Anthracene	ND	0.0045	0.0022	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0056	0.0033	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0045	0.0022	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0045	0.0022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0045	0.0022	mg/kg	
218-01-9	Chrysene	ND	0.0045	0.0022	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0045	0.0022	mg/kg	
206-44-0	Fluoranthene	ND	0.0045	0.0022	mg/kg	
86-73-7	Fluorene	0.0051	0.0045	0.0022	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0045	0.0022	mg/kg	
90-12-0	1-Methylnaphthalene	0.0147	0.0045	0.0022	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0045	0.0022	mg/kg	
91-20-3	Naphthalene	ND	0.0022	0.0017	mg/kg	
129-00-0	Pyrene	ND	0.0045	0.0022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	56%		10-130%
4165-60-0	Nitrobenzene-d5	77%		10-130%
1718-51-0	Terphenyl-d14	79%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43681.D	1	06/12/25 01:47	JB	06/11/25 10:00	OP27850	GLW1017
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	73.8	4.5	4.3	mg/kg	
	TPH-ORO (> C28-C36)	47.5	6.7	5.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.3	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	132	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.27	0.057	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	7.1	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.9	0.29	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.6	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.057	0.057	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	43.6	5.7	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	86.3		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.75		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.62	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	06/21/25 11:54	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	76.8	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	25.2	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	8.34	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.211		ratio	1	06/20/25 10:23	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP01-DL@3'		
Lab Sample ID:	DA72915-12B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	86.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36520.D	1	06/18/25 05:33	MB	n/a	n/a	V4V1844
Run #2							

	Initial Weight	Final Volume
Run #1	5.32 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00055	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00055	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0022	0.00066	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00055	mg/kg	
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00077	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	92%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57675.D	1	06/14/25 03:35	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0043	0.0021	mg/kg	
120-12-7	Anthracene	ND	0.0043	0.0021	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0053	0.0032	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0043	0.0021	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0043	0.0021	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0043	0.0021	mg/kg	
218-01-9	Chrysene	ND	0.0043	0.0021	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0043	0.0021	mg/kg	
206-44-0	Fluoranthene	ND	0.0043	0.0021	mg/kg	
86-73-7	Fluorene	0.0029	0.0043	0.0021	mg/kg	J
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0043	0.0021	mg/kg	
90-12-0	1-Methylnaphthalene	0.0057	0.0043	0.0021	mg/kg	
91-57-6	2-Methylnaphthalene	0.0050	0.0043	0.0021	mg/kg	
91-20-3	Naphthalene	ND	0.0021	0.0016	mg/kg	
129-00-0	Pyrene	ND	0.0043	0.0021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	60%		10-130%
4165-60-0	Nitrobenzene-d5	74%		10-130%
1718-51-0	Terphenyl-d14	78%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43630.D	1	06/11/25 08:05	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	10.6	4.3	4.1	mg/kg	
	TPH-ORO (> C28-C36)	7.14	6.5	5.4	mg/kg	

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

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.7	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	139	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.37	0.056	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	10.5	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	9.3	0.28	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	10.8	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.28	0.22	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.056	0.056	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	138	5.6	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	85.2		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.53		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.4	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	06/21/25 12:09	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	425	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	97.9	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	36.4	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.414		ratio	1	06/20/25 10:26	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-FL@3'		
Lab Sample ID:	DA72915-13B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	85.2
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/17/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8260B	**Percent Solids:**	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V36535.D	1	06/18/25 16:37	MB	n/a	n/a	V4V1845
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0011	0.00055	mg/kg	
100-41-4	Ethylbenzene	ND	0.0022	0.00055	mg/kg	
108-88-3	Toluene	ND	0.0022	0.0011	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	0.0015	0.0022	0.00067	mg/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	0.0022	0.00055	mg/kg	
	m,p-Xylene	ND	0.0022	0.0020	mg/kg	
95-47-6	o-Xylene	ND	0.0022	0.00078	mg/kg	
1330-20-7	Xylene (total)	ND	0.0022	0.0020	mg/kg	
	TPH-GRO (C6-C10)	ND	0.22	0.13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	97%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G57671.D	1	06/14/25 01:48	ZL	06/12/25 16:30	OP27846	E3G2812
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	0.0046	0.0023	mg/kg	
120-12-7	Anthracene	ND	0.0046	0.0023	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.0057	0.0034	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.0046	0.0023	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.0046	0.0023	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.0046	0.0023	mg/kg	
218-01-9	Chrysene	ND	0.0046	0.0023	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0046	0.0023	mg/kg	
206-44-0	Fluoranthene	ND	0.0046	0.0023	mg/kg	
86-73-7	Fluorene	ND	0.0046	0.0023	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0046	0.0023	mg/kg	
90-12-0	1-Methylnaphthalene	ND	0.0046	0.0023	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.0046	0.0023	mg/kg	
91-20-3	Naphthalene	ND	0.0023	0.0017	mg/kg	
129-00-0	Pyrene	ND	0.0046	0.0023	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	63%		10-130%
4165-60-0	Nitrobenzene-d5	78%		10-130%
1718-51-0	Terphenyl-d14	80%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LW43631.D	1	06/11/25 08:21	JB	06/10/25 10:00	OP27838	GLW1015
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-DRO (C10-C28)	ND	4.2	4.0	mg/kg	
	TPH-ORO (> C28-C36)	ND	6.3	5.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		20-142%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.3	0.11	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	106	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.21	0.056	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	8.6	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	7.9	0.28	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	8.9	1.1	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.23	0.22	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.056	0.056	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	34.1	5.6	mg/kg	5	06/17/25	06/26/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19294
(2) Prep QC Batch: MP41568

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	87.3		%	1	06/10/25	SS	SM2540G-2011 M
pH-saturated paste method							
pH	7.63		su	1	06/14/25 14:07	TMP	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	2.7	0.0010	mmhos/cm	1	06/16/25 12:00	TMP	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	06/21/25 12:33	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	548	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	123	2.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	34.2	4.0	mg/l	1	06/18/25	06/20/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19262
(2) Prep QC Batch: MP41581

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14A	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.343		ratio	1	06/20/25 10:29	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

SGS North America Inc.

Report of Analysis

Client Sample ID:	SEP02-DL@3'		
Lab Sample ID:	DA72915-14B	**Date Sampled:**	06/09/25
Matrix:	SO - Soil	**Date Received:**	06/09/25
		Percent Solids:	87.3
Project:	TASMCOA: Scott-67N64W 325ENE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	06/15/25	06/16/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19256
(2) Prep QC Batch: MP41534

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 #: DA72915

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-5@tasman-geo.com / rbueuf27@chevron.com / danpeterson@chevron.com / evonde@tasman-geo.com
Sampler(s) Name(s):

Project Information

Project Name: Scott-67N64W 32SENE
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10524
Client Purchase Order #: UWRWE-A4067-ABN
Project Manager: Eric Vonde

Billing Information (if different from Report to)

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

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

Number of preserved Bottles

	Field ID / Point of Collection	Collection Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Hold	LAB USE ONLY
01	AST01@0-6"	6/9/25	958	MB	SO	4	X										X	X	X	X	X			01
02	AST02@0-6"	↓	959	↓	↓	↓	↓										↓	↓	↓	↓	↓			02
03	PWV01-B@8'		1208														↓	↓	↓	↓	↓			03
04	PWV01-N@7'		1212																				X	04
05	PWV01-E@7'		1215														X	X	X	X	X			05
06	PWV01-W@7'		1220																				X	06
07	PWV02-B@8'		1225														X	X	X	X	X			07
08	PWV02-S@7'		1302														↓	↓	↓	↓	↓			08
09	PWV02-E@7'		1315																				X	09
10	PWV02-W@7'		1330																				X	10
11	SEP01-FL@3'		1229														X	X	X	X	X			11
12	SEP01-DL@3'	↓	1231	↓	↓	↓	↓										↓	↓	↓	↓	↓			12

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:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 MB tasman	6/9/25 1744	1	2		2
Relinquished by/Affiliaction:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact ☐ Not intact ☐ Absent ☐
Preserved where applicable ☐ Cooler Temp. °C (corrected): 3.6 Therm. ID: 1/2 On Ice ☐

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

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

DA72915: Chain of Custody
Page 1 of 3

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 #: DA 72915

Client / Reporting Information

Company: Tasman, Inc.
Street: 4725 Independence St.
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Eric Vonde
Phone: (303) 487-1228
Email: las-chevron-5@tasman-geo.com / rbueu027@chevron.com / danpeterson@chevron.com / evonde@tasman-geo.com
Sampler(s) Name(s):

Project Information

Project Name: Scott-67N64W 32SENE
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10524
Client Purchase Order #: UWRWE-A4067-ABN
Project Manager: Eric Vonde

Billing Information (if different from Report to)

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

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	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Hold	LAB USE ONLY
17 SEP02-FL@3'	6/9/25	1240	MB	SO	4	X										X	X	X	X	X			17
18 SEP02-DL@3'	↓	1250	↓	↓	↓	↓										↓	↓	↓	↓	↓			18

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. 17

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 MB	6/9/25 1744	1	2		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): 3.0 Therm. ID: 100 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: da72915 **Client:** TASMAN **Project:** SCOTT-67N64W 325ENE

Date / Time Received: 6/9/2025 5:44:00 PM **Delivery Method:** hd **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.0);

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

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

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

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

Misc Information

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

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

Residual Chlorine Test Strip Lot _____

Comments

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 6/10/2025 8:00:30 AM Reviewer: _____ Date: _____

DA72915: Chain of Custody
Page 3 of 3

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: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1844-MB	4V36498.D	1	06/17/25	MB	n/a	n/a	V4V1844

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/kg	
108-88-3	Toluene	ND	2.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/kg	
	m,p-Xylene	ND	2.0	1.8	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.70	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	120	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%

Method Blank Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1845-MB	4V36527.D	1	06/18/25	MB	n/a	n/a	V4V1845

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

DA72915-14

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	2.0	0.50	ug/kg	
108-88-3	Toluene	ND	2.0	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.50	ug/kg	
	m,p-Xylene	ND	2.0	1.8	ug/kg	
95-47-6	o-Xylene	ND	2.0	0.70	ug/kg	
1330-20-7	Xylene (total)	ND	2.0	1.8	ug/kg	
	TPH-GRO (C6-C10)	ND	200	120	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	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	104%	70-130%

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1844-BS	4V36494.D	1	06/17/25	MB	n/a	n/a	V4V1844

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	51.3	103	70-130
100-41-4	Ethylbenzene	50	50.6	101	70-130
108-88-3	Toluene	50	50.8	102	70-130
95-63-6	1,2,4-Trimethylbenzene	50	46.3	93	70-130
108-67-8	1,3,5-Trimethylbenzene	50	45.4	91	70-130
	m,p-Xylene	100	104	104	70-130
95-47-6	o-Xylene	50	53.7	107	70-130
1330-20-7	Xylene (total)	150	158	105	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	99%	70-130%
460-00-4	4-Bromofluorobenzene	113%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1844-BS	4V36496.D	1	06/17/25	MB	n/a	n/a	V4V1844

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2100	105	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	70-130%
2037-26-5	Toluene-D8	96%	70-130%
460-00-4	4-Bromofluorobenzene	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1845-BS	4V36524.D	1	06/18/25	MB	n/a	n/a	V4V1845

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

DA72915-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	47.2	94	70-130
100-41-4	Ethylbenzene	50	46.2	92	70-130
108-88-3	Toluene	50	45.5	91	70-130
95-63-6	1,2,4-Trimethylbenzene	50	43.4	87	70-130
108-67-8	1,3,5-Trimethylbenzene	50	43.2	86	70-130
	m,p-Xylene	100	95.5	96	70-130
95-47-6	o-Xylene	50	50.8	102	70-130
1330-20-7	Xylene (total)	150	146	97	70-130
	TPH-GRO (C6-C10)	2000	3630	182	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	97%	70-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	109%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1845-BS	4V36525.D	1	06/18/25	MB	n/a	n/a	V4V1845

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

DA72915-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2030	102	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	94%	70-130%
460-00-4	4-Bromofluorobenzene	92%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72948-1MS	4V36501.D	1	06/17/25	MB	n/a	n/a	V4V1844
DA72948-1MSD	4V36502.D	1	06/17/25	MB	n/a	n/a	V4V1844
DA72948-1	4V36499.D	1	06/17/25	MB	n/a	n/a	V4V1844

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13

CAS No.	Compound	DA72948-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50.2	51.1	102	47.9	46.8	98	9	43-130/30
100-41-4	Ethylbenzene	ND		50.2	48.7	97	47.9	43.6	91	11	15-145/30
108-88-3	Toluene	ND		50.2	46.2	92	47.9	42.9	89	7	37-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		50.2	47.3	94	47.9	44.2	92	7	5-177/30
108-67-8	1,3,5-Trimethylbenzene	ND		50.2	47.7	95	47.9	44.2	92	8	6-159/30
	m,p-Xylene	ND		100	99.2	99	95.9	89.0	93	11	21-142/30
95-47-6	o-Xylene	ND		50.2	58.0	115	47.9	51.4	107	12	25-140/30
1330-20-7	Xylene (total)	ND		151	157	104	144	140	97	11	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72948-1	Limits
1868-53-7	Dibromofluoromethane	109%	108%	101%	70-130%
2037-26-5	Toluene-D8	95%	96%	93%	70-130%
460-00-4	4-Bromofluorobenzene	105%	103%	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	107%	109%	101%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72948-2MS	4V36503.D	1	06/17/25	MB	n/a	n/a	V4V1844
DA72948-2MSD	4V36504.D	1	06/17/25	MB	n/a	n/a	V4V1844
DA72948-2	4V36500.D	1	06/17/25	MB	n/a	n/a	V4V1844

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13

CAS No.	Compound	DA72948-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2010	1930	96	2020	1920	95	1	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72948-2	Limits
1868-53-7	Dibromofluoromethane	103%	99%	103%	70-130%
2037-26-5	Toluene-D8	95%	94%	94%	70-130%
460-00-4	4-Bromofluorobenzene	93%	94%	92%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	101%	97%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72828-3MS	4V36530.D	1	06/18/25	MB	n/a	n/a	V4V1845
DA72828-3MSD	4V36531.D	1	06/18/25	MB	n/a	n/a	V4V1845
DA72828-3	4V36528.D	1	06/18/25	MB	n/a	n/a	V4V1845

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

DA72915-14

CAS No.	Compound	DA72828-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		57.1	57.9	101	59.9	57.1	95	1	43-130/30
100-41-4	Ethylbenzene	2.0	J	57.1	71.4	122	59.9	64.5	104	10	15-145/30
108-88-3	Toluene	ND		57.1	56.5	99	59.9	52.3	87	8	37-130/30
95-63-6	1,2,4-Trimethylbenzene	83.5		57.1	529	781* [a]	59.9	444	602* [a]	17	5-177/30
108-67-8	1,3,5-Trimethylbenzene	47.7		57.1	337	507* [a]	59.9	309	436* [a]	9	6-159/30
	m,p-Xylene	39.9		114	378	296* [a]	120	316	231* [a]	18	21-142/30
95-47-6	o-Xylene	11.5		57.1	122	194* [a]	59.9	115	173* [a]	6	25-140/30
1330-20-7	Xylene (total)	51.4		171	500	262* [a]	180	432	212* [a]	15	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72828-3	Limits
1868-53-7	Dibromofluoromethane	98%	107%	98%	70-130%
2037-26-5	Toluene-D8	105%	97%	97%	70-130%
460-00-4	4-Bromofluorobenzene	115%	90%	95%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	128%	101%	70-130%

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA72828-7MS	4V36532.D	1	06/18/25	MB	n/a	n/a	V4V1845
DA72828-7MSD	4V36533.D	1	06/18/25	MB	n/a	n/a	V4V1845
DA72828-7	4V36529.D	1	06/18/25	MB	n/a	n/a	V4V1845

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

DA72915-14

CAS No.	Compound	DA72828-7 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		2330	198	9	2440	2250	92	168* [a]	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72828-7	Limits
1868-53-7	Dibromofluoromethane	109%	97%	100%	70-130%
2037-26-5	Toluene-D8	96%	95%	92%	70-130%
460-00-4	4-Bromofluorobenzene	104%	96%	93%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	99%	102%	70-130%

(a) High RPD due to poor MS purge and affecting ISTD.

* = 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: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27846-MB	3G57654.D	1	06/13/25	ZL	06/12/25	OP27846	E3G2812

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

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

CAS No.	Surrogate Recoveries		Limits
321-60-8	2-Fluorobiphenyl	72%	10-130%
4165-60-0	Nitrobenzene-d5	72%	10-130%
1718-51-0	Terphenyl-d14	94%	10-130%

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27846-BS	3G57655.D	1	06/13/25	ZL	06/12/25	OP27846	E3G2812

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	169	85	31-130
120-12-7	Anthracene	200	183	92	46-134
56-55-3	Benzo(a)anthracene	200	175	88	52-135
205-99-2	Benzo(b)fluoranthene	200	204	102	50-136
207-08-9	Benzo(k)fluoranthene	200	183	92	52-134
50-32-8	Benzo(a)pyrene	200	181	91	50-130
218-01-9	Chrysene	200	173	87	51-131
53-70-3	Dibenzo(a,h)anthracene	200	122	61	49-136
206-44-0	Fluoranthene	200	178	89	51-137
86-73-7	Fluorene	200	178	89	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	132	66	50-139
90-12-0	1-Methylnaphthalene	200	178	89	18-130
91-57-6	2-Methylnaphthalene	200	180	90	16-130
91-20-3	Naphthalene	200	167	84	5-130
129-00-0	Pyrene	200	192	96	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	88%	10-130%
4165-60-0	Nitrobenzene-d5	86%	10-130%
1718-51-0	Terphenyl-d14	96%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27846-MS	3G57656.D	1	06/13/25	ZL	06/12/25	OP27846	E3G2812
OP27846-MSD	3G57657.D	1	06/13/25	ZL	06/12/25	OP27846	E3G2812
DA72930-1	3G57672.D	1	06/14/25	ZL	06/12/25	OP27846	E3G2812

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

CAS No.	Compound	DA72930-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	ND		204	164	80	193	155	80	6	12-130/52
120-12-7	Anthracene	ND		204	179	88	193	175	90	2	31-130/60
56-55-3	Benzo(a)anthracene	ND		204	169	83	193	171	88	1	34-130/60
205-99-2	Benzo(b)fluoranthene	ND		204	183	90	193	170	88	7	10-168/60
207-08-9	Benzo(k)fluoranthene	ND		204	164	80	193	160	83	2	30-130/60
50-32-8	Benzo(a)pyrene	ND		204	170	83	193	169	87	1	10-179/60
218-01-9	Chrysene	ND		204	164	80	193	165	85	1	34-130/60
53-70-3	Dibenzo(a,h)anthracene	ND		204	146	71	193	148	76	1	20-138/60
206-44-0	Fluoranthene	ND		204	176	86	193	175	90	1	32-130/60
86-73-7	Fluorene	ND		204	166	81	193	168	87	1	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	ND		204	154	75	193	151	78	2	17-148/60
90-12-0	1-Methylnaphthalene	ND		204	176	86	193	166	86	6	10-130/41
91-57-6	2-Methylnaphthalene	ND		204	168	82	193	157	81	7	14-130/40
91-20-3	Naphthalene	ND		204	161	79	193	147	76	9	10-130/40
129-00-0	Pyrene	ND		204	183	90	193	182	94	1	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA72930-1	Limits
321-60-8	2-Fluorobiphenyl	76%	70%	78%	10-130%
4165-60-0	Nitrobenzene-d5	74%	77%	82%	10-130%
1718-51-0	Terphenyl-d14	84%	83%	85%	10-130%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27838-MB	LW43607.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-13, DA72915-14

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

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

Method Blank Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27850-MB	LW43674.D	1	06/11/25	JB	06/11/25	OP27850	GLW1017

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

DA72915-12

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

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	91%	20-142%

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27838-BS	LW43608.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-13, DA72915-14

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	168	84	70-130

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27838-BS2	LW43609.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-13, DA72915-14

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	228	114	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: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27850-BS	LW43675.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017

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

DA72915-12

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	181	91	70-130

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27850-BS2	LW43676.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017

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

DA72915-12

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	253	127	70-138

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	90%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27838-MS1	LW43610.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015
OP27838-MSD1	LW43611.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015
DA72913-9	LW43614.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-13, DA72915-14

CAS No.	Compound	DA72913-9 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	ND		238	198	83	236	202	86	2	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72913-9	Limits
84-15-1	o-Terphenyl	83%	72%	64%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27838-MS2	LW43612.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015
OP27838-MSD2	LW43613.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015
DA72913-10	LW43615.D	1	06/11/25	JB	06/10/25	OP27838	GLW1015

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

DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-13, DA72915-14

CAS No.	Compound	DA72913-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	ND		243	273	112	217	273	126	0	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72913-10	Limits
84-15-1	o-Terphenyl	67%	79%	90%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27850-MS1	LW43677.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017
OP27850-MSD1	LW43678.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017
DA72915-12	LW43681.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017

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

DA72915-12

CAS No.	Compound	DA72915-12 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)	73.8		231	227	66	217	240	76	6	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72915-12	Limits
84-15-1	o-Terphenyl	89%	94%	87%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA72915
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP27850-MS2	LW43679.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017
OP27850-MSD2	LW43680.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017
DA72930-1	LW43682.D	1	06/12/25	JB	06/11/25	OP27850	GLW1017

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

DA72915-12

CAS No.	Compound	DA72930-1 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)	10.1		209	262	121	199	255	123	3	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA72930-1	Limits
84-15-1	o-Terphenyl	91%	89%	95%	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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41534
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/15/25

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	-11	<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 MP41534: DA72915-1B, DA72915-2B, DA72915-3B, DA72915-5B, DA72915-7B, DA72915-8B, DA72915-11B, DA72915-12B, DA72915-13B, DA72915-14B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41534
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/15/25

Metal	RL	IDL	MDL	MB raw	final

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

8.1.1
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41534
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/15/25

Metal	DA72915-14B Original	DUP	RPD	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	477	382	22.1 (a)	0-20
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41534: DA72915-1B, DA72915-2B, DA72915-3B, DA72915-5B, DA72915-7B, DA72915-8B, DA72915-11B, DA72915-12B, DA72915-13B, DA72915-14B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41534
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/15/25

Metal	DA72915-14B Original	DUP	RPD	QC Limits

(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(anr) Analyte not requested
(a) RPD acceptable due to low duplicate and sample concentrations.

8.1.2

8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41534
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/15/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	12800	14000	91.4	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 MP41534: DA72915-1B, DA72915-2B, DA72915-3B, DA72915-5B, DA72915-7B, DA72915-8B, DA72915-11B, DA72915-12B, DA72915-13B, DA72915-14B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41534
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/15/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

8.1.3

8

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41567
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.016	<0.10
Barium	1.0	.048	.12	0.026	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.0012	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	-0.017	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.0051	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	0.010	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.013	<0.20
Silver	0.050	.0041	.015	0.00022	<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	-0.052	<5.0

Associated samples MP41567: DA72915-1

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41567
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	DA72913-3 Original	MS	Spikelot ICPMS5	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	5.5	117	121	92.2	75-125
Barium	113	366	242	104.6	75-125
Beryllium					
Boron					
Cadmium	0.095	63.3	60.4	104.6	75-125
Calcium					
Chromium					
Cobalt					
Copper	6.0	64.9	60.4	97.4	75-125
Iron					
Lead	9.9	136	121	104.3	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	4.9	62.7	60.4	95.6	75-125
Phosphorus					
Potassium					
Selenium	0.21	112	121	92.5	75-125
Silver	0.025	25.2	24.2	104.1	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	23.4	88.2	60.4	107.2	75-125

Associated samples MP41567: DA72915-1

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41567
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	DA72913-3 Original	MSD	Spikelot ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	5.5	115	116	94.2	1.7	20
Barium	113	384	233	116.5	4.8	20
Beryllium						
Boron						
Cadmium	0.095	60.9	58.1	104.6	3.9	20
Calcium						
Chromium						
Cobalt						
Copper	6.0	63.2	58.1	98.4	2.7	20
Iron						
Lead	9.9	131	116	104.1	3.7	20
Magnesium						
Manganese						
Molybdenum						
Nickel	4.9	60.9	58.1	96.3	2.9	20
Phosphorus						
Potassium						
Selenium	0.21	110	116	94.4	1.8	20
Silver	0.025	24.2	23.3	103.9	4.0	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	23.4	85.6	58.1	107.0	3.0	20

Associated samples MP41567: DA72915-1

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41567
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	BSP Result	Spikelot ICPMS5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	106	100	106.0	80-120
Barium	214	200	107.0	80-120
Beryllium				
Boron				
Cadmium	53.9	50	107.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	53.6	50	107.2	80-120
Iron				
Lead	107	100	107.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	52.9	50	105.8	80-120
Phosphorus				
Potassium				
Selenium	107	100	107.0	80-120
Silver	21.2	20	106.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	53.0	50	106.0	80-120

Associated samples MP41567: DA72915-1

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41567
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 06/17/25

Metal	DA72913-3 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	45.0	45.4	0.9	0-20
Barium	929	898	3.3	0-20
Beryllium				
Boron				
Cadmium	0.778	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	49.0	46.5	5.2	0-20
Iron				
Lead	81.0	75.8	6.5	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	40.3	38.2	5.4	0-20
Phosphorus				
Potassium				
Selenium	1.68	1.97	17.1	0-20
Silver	0.203	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	191	197	3.1	0-20

Associated samples MP41567: DA72915-1

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41568
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.016	<0.10
Barium	1.0	.048	.12	0.073	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.015	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.23	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	0.018	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	0.030	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.016	<0.20
Silver	0.050	.0041	.015	0.0025	<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	0.24	<5.0

Associated samples MP41568: DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41568
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	DA72915-2 Original	MS	Spikelot ICPMS5	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	4.6	108	112	92.2	75-125
Barium	232	544	224	139.2N(a	75-125
Beryllium					
Boron					
Cadmium	0.42	58.4	56	103.4	75-125
Calcium					
Chromium					
Cobalt					
Copper	15.8	67.3	56	91.9	75-125
Iron					
Lead	15.1	131	112	103.4	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	13.1	63.8	56	90.5	75-125
Phosphorus					
Potassium					
Selenium	0.42	105	112	93.3	75-125
Silver	0.059	23.0	22.4	102.3	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	50.6	103	56	93.5	75-125

Associated samples MP41568: DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41568
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	DA72915-2 Original	MSD	Spikelot ICPMS5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	4.6	111	118	90.5	2.7	20
Barium	232	548	235	134.4N(a	0.7	20
Beryllium						
Boron						
Cadmium	0.42	59.4	58.8	100.4	1.7	20
Calcium						
Chromium						
Cobalt						
Copper	15.8	69.5	58.8	91.4	3.2	20
Iron						
Lead	15.1	133	118	100.3	1.5	20
Magnesium						
Manganese						
Molybdenum						
Nickel	13.1	66.7	58.8	91.2	4.4	20
Phosphorus						
Potassium						
Selenium	0.42	108	118	91.5	2.8	20
Silver	0.059	23.6	23.5	100.1	2.6	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	50.6	104	58.8	90.9	1.0	20

Associated samples MP41568: DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41568
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 06/17/25

Metal	BSP Result	Spikelot ICPMS5	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	102	100	102.0	80-120
Barium	209	200	104.5	80-120
Beryllium				
Boron				
Cadmium	51.0	50	102.0	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.1	50	102.2	80-120
Iron				
Lead	103	100	103.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	50.6	50	101.2	80-120
Phosphorus				
Potassium				
Selenium	103	100	103.0	80-120
Silver	20.2	20	101.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.7	50	101.4	80-120

Associated samples MP41568: DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41568
Matrix Type: SOLID

Methods: SW846 6020B
Units: ug/l

Prep Date: 06/17/25

Metal	DA72915-2 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	41.2	42.5	3.2	0-20
Barium	2090	2000	4.2	0-20
Beryllium				
Boron				
Cadmium	3.79	3.43	9.6	0-20
Calcium				
Chromium				
Cobalt				
Copper	142	140	1.4	0-20
Iron				
Lead	136	129	5.6	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	118	117	0.6	0-20
Phosphorus				
Potassium				
Selenium	3.76	5.83	54.9 (a)	0-20
Silver	0.531	0.495	6.8	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	456	471	3.3	0-20

Associated samples MP41568: DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1000	460	150		
Antimony	300	140	68		
Arsenic	250	220	46		
Barium	100	3	13		
Beryllium	100	10	13		
Boron	500	33	63		
Cadmium	100	19	13		
Calcium	4000	66	500	195	<4000
Chromium	100	11	13		
Cobalt	50	27	6.3		
Copper	100	46	13		
Iron	700	89	120		
Lead	500	130	63		
Lithium	50	6	13		
Magnesium	2000	500	250	47.0	<2000
Manganese	50	5	6.3		
Molybdenum	100	85	28		
Nickel	300	62	38		
Phosphorus	1000	910	160		
Potassium	10000	840	1300		
Selenium	500	300	220		
Silicon	2000	410	1500		
Silver	300	6	38		
Sodium	4000	130	500	511	<4000
Strontium	50	1	6.3		
Thallium	100	170	43		
Tin	600	410	510		
Titanium	100	5	13		
Uranium	500	39	85		
Vanadium	100	9	13		
Zinc	300	90	38		

Associated samples MP41581: DA72915-1A, DA72915-2A, DA72915-3A, DA72915-5A, DA72915-7A, DA72915-8A, DA72915-11A, DA72915-12A, DA72915-13A, DA72915-14A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	RL	IDL	MDL	MB raw	final

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

8.4.1

8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 06/18/25

Metal	DA72915-1A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	104000	339000	250000	94.0	0.3	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	26900	269000	250000	96.8	0.4	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	107000	360000	250000	101.2	0.3	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP41581: DA72915-1A, DA72915-2A, DA72915-3A, DA72915-5A, DA72915-7A, DA72915-8A, DA72915-11A, DA72915-12A, DA72915-13A, DA72915-14A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	DA72915-1A 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

8.4.2

8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	DA72915-1A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	104000	338000	250000	93.6	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	26900	268000	250000	96.4	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	107000	359000	250000	100.8	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP41581: DA72915-1A, DA72915-2A, DA72915-3A, DA72915-5A, DA72915-7A, DA72915-8A, DA72915-11A, DA72915-12A, DA72915-13A, DA72915-14A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	DA72915-1A Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

8.4.2

8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	252000	250000	100.8	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	258000	250000	103.2	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	273000	250000	109.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP41581: DA72915-1A, DA72915-2A, DA72915-3A, DA72915-5A, DA72915-7A, DA72915-8A, DA72915-11A, DA72915-12A, DA72915-13A, DA72915-14A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

QC Batch ID: MP41581
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 06/18/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

8.4.3

8

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: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP38790/GN67395			mmhos/cm	1.409	1.4	98.5	90-110%

Associated Samples:
Batch GP38790: DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72915
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Scott-67N64W 325ENE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP38790/GN67395	DA72936-9	mmhos/cm	0.38	0.37	2.6	0-20%
pH	GN67387	DA72913-15	su	7.89	7.90	0.1	0-5%

Associated Samples:
Batch GN67387: DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14
Batch GP38790: DA72915-1, DA72915-2, DA72915-3, DA72915-5, DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

SGS

CHAIN OF CUSTODY

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

Page 1 of 1

FED-EX Tracking # 7444 9077 0459
Bottle Order Control #
SGS Quote #
SGS Job # DA72915

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Scott-67N64W 325ENE, UWRWE-A4067-ABN
Street:
City / State:
Project #:
Client Purchase Order #:
Project Manager:

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

Requested Analysis (see TEST CODE sheet)

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	ST01@0-6"		6/9/25	9:58:00 AM	MB	SO										X	
2	AST02@0-6"		6/9/25	9:59:00 AM	MB	SO										X	
3	PWV01-B@8'		6/9/25	12:08:00 PM	MB	SO										X	
5	PWV01-E@7'		6/9/25	12:15:00 PM	MB	SO										X	
7	PWV02-B@8'		6/9/25	12:25:00 PM	MB	SO										X	
8	PWV02-S@7'		6/9/25	1:02:00 PM	MB	SO										X	
11	SEP01-FL@3'		6/9/25	12:29:00 PM	MB	SO										X	
12	SEP01-DL@3'		6/9/25	12:31:00 PM	MB	SO										X	
13	SEP02-FL@3'		6/9/25	12:40:00 PM	MB	SO										X	
14	SEP02-DL@3'		6/9/25	12:50:00 PM	MB	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 6/16/2025

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	6/11/25	1 Fedex	2 Fedex	6/11/25 10:00	2
3		3	4		4
5		5			

Custody Seal # ☐ Intact ☐ Not intact
Preserved where applicable ☐ Therm. ID: On Ice ☑ Cooler Temp. 2.2

+250

10.1 10

DA72915: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA72915 **Client:** SGS NORTH AMERICA INC **Project:** TASMCOA SCOTT--67N64W 325ENE, UW

Date / Time Received: 6/11/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.2);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

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

DA72915: 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: DA72915
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Scott-67N64W 325ENEery

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP61882/GN69937	0.40	0.0	mg/kg	40	38.8	97.0	80-120%
Chromium, Hexavalent	GP61882/GN69937			mg/kg	914	847	92.7	80-120%
Chromium, Hexavalent	GP61883/GN69905	0.40	0.0	mg/kg	40	39.0	97.5	80-120%
Chromium, Hexavalent	GP61883/GN69905			mg/kg	798	715	89.6	80-120%

Associated Samples:
Batch GP61882: DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14
Batch GP61883: DA72915-1, DA72915-2, DA72915-3, DA72915-5
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72915
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Scott-67N64W 325ENEery

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP61882/GN69937	DA72930-1	mg/kg	0.0	0.0	0.0	0-20%
Chromium, Hexavalent	GP61883/GN69905	DA72913-19	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP61882: DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14
Batch GP61883: DA72915-1, DA72915-2, DA72915-3, DA72915-5
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA72915
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA:Scott-67N64W 325ENEery

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP61882/GN69937	DA72930-1	mg/kg	0.0	45	44.3	98.5(a)	75-125%
Chromium, Hexavalent	GP61882/GN69937	DA72930-1	mg/kg	0.0	845	785	92.9(b)	75-125%
Chromium, Hexavalent	GP61883/GN69905	DA72913-19	mg/kg	0.0	43.8	42.3	96.6(c)	75-125%
Chromium, Hexavalent	GP61883/GN69905	DA72913-19	mg/kg	0.0	858	819	95.5(b)	75-125%

Associated Samples:
Batch GP61882: DA72915-7, DA72915-8, DA72915-11, DA72915-12, DA72915-13, DA72915-14
Batch GP61883: DA72915-1, DA72915-2, DA72915-3, DA72915-5
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (99.7%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.
(c) Good recovery on soluble XCR matrix spike. Good recovery (102.9%) on the post-spike.