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## Technical Report for

**Chevron USA, Inc.**

**TASMCOA: Spomer-65N66W 32SESE**

**NOBLE/8676 PO#UWRWE-A3439-ABN**

**SGS Job Number: DA76342**

**Sampling Date: 10/16/25**

### Report to:

**Chevron USA, Inc.**  
**2115 117th Avenue**  
**Greeley, CO 80634**  
**jadon.schiller@sgs.com; parna.eskandaripayandeh@sgs.com**  
**ATTN: Eric Vonde**

**Total number of pages in report: 113**



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

**Eric Hoffman**

**Client Service contact: Parna Payandeh 303-425-6021**

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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October 28, 2025

Kristofer Shepherd  
Chevron U.S.A. Inc.  
2115 117<sup>th</sup> Avenue  
Greeley, CO 80634

Subject: Report Reissue for SGS Job: DA76342

Dear Kristofer Shepherd,

This letter is to inform you that the original report included the internal code REPORTCHECK, which was intended solely for internal tracking and quality control purposes. Please note that this code has no impact on any test procedures, analyses, or sample results.

A revised version of the report has been issued, and this updated report no longer includes the internal test code. All analytical results and conclusions remain unchanged.

Please accept our apologies for any inconvenience this may have caused you.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'E. Hoffman', written over a light blue horizontal line.

Eric Hoffman  
General Manager

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# Table of Contents

-1-

<b>Section 1: Sample Summary</b> .....	<b>5</b>
<b>Section 2: Summary of Hits</b> .....	<b>7</b>
<b>Section 3: Sample Results</b> .....	<b>10</b>
<b>3.1:</b> DA76342-1: FS01@3' .....	11
<b>3.2:</b> DA76342-1A: FS01@3' .....	16
<b>3.3:</b> DA76342-1B: FS01@3' .....	18
<b>3.4:</b> DA76342-2: SS01@2' .....	19
<b>3.5:</b> DA76342-2A: SS01@2' .....	24
<b>3.6:</b> DA76342-2B: SS01@2' .....	26
<b>3.7:</b> DA76342-3: SS02@2' .....	27
<b>3.8:</b> DA76342-3A: SS02@2' .....	32
<b>3.9:</b> DA76342-3B: SS02@2' .....	34
<b>3.10:</b> DA76342-4: SS03@2' .....	35
<b>3.11:</b> DA76342-4A: SS03@2' .....	40
<b>3.12:</b> DA76342-4B: SS03@2' .....	42
<b>3.13:</b> DA76342-5: SS04@2' .....	43
<b>3.14:</b> DA76342-5A: SS04@2' .....	48
<b>3.15:</b> DA76342-5B: SS04@2' .....	50
<b>Section 4: Misc. Forms</b> .....	<b>51</b>
<b>4.1:</b> Chain of Custody .....	52
<b>Section 5: MS Volatiles - QC Data Summaries</b> .....	<b>54</b>
<b>5.1:</b> Method Blank Summary .....	55
<b>5.2:</b> Blank Spike Summary .....	58
<b>5.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	64
<b>Section 6: MS Semi-volatiles - QC Data Summaries</b> .....	<b>70</b>
<b>6.1:</b> Method Blank Summary .....	71
<b>6.2:</b> Blank Spike Summary .....	72
<b>6.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	73
<b>Section 7: GC/LC Semi-volatiles - QC Data Summaries</b> .....	<b>74</b>
<b>7.1:</b> Method Blank Summary .....	75
<b>7.2:</b> Blank Spike Summary .....	76
<b>7.3:</b> Matrix Spike/Matrix Spike Duplicate Summary .....	78
<b>Section 8: Metals Analysis - QC Data Summaries</b> .....	<b>80</b>
<b>8.1:</b> Prep QC MP43719: B .....	81
<b>8.2:</b> Prep QC MP43724: Ca,Mg,Na .....	89
<b>8.3:</b> Prep QC MP43725: As,Ba,Cd,Cu,Pb,Ni,Se,Ag,Zn .....	99
<b>Section 9: General Chemistry - QC Data Summaries</b> .....	<b>104</b>
<b>9.1:</b> Method Blank and Spike Results Summary .....	105
<b>9.2:</b> Duplicate Results Summary .....	106
<b>Section 10: Misc. Forms (SGS Dayton, NJ)</b> .....	<b>107</b>
<b>10.1:</b> Chain of Custody .....	108
<b>Section 11: General Chemistry - QC Data (SGS Dayton, NJ)</b> .....	<b>110</b>

# Table of Contents

Sections:

1

2

3

4

5

6

7

8

9

10

11

-2-

<b>11.1:</b> Method Blank and Spike Results Summary .....	111
<b>11.2:</b> Duplicate Results Summary .....	112
<b>11.3:</b> Matrix Spike Results Summary .....	113



## Sample Summary

Chevron USA, Inc.

**Job No:** DA76342

TASMCOA: Spomer-65N66W 32SESE  
 Project No: NOBLE/8676 PO#UWRWE-A3439-ABN

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
DA76342-1	10/16/25	08:52 TB	10/16/25	SO	Soil	FS01@3'
DA76342-1A	10/16/25	08:52 TB	10/16/25	SO	Soil	FS01@3'
DA76342-1B	10/16/25	08:52 TB	10/16/25	SO	Soil	FS01@3'
DA76342-2	10/16/25	08:58 TB	10/16/25	SO	Soil	SS01@2'
DA76342-2A	10/16/25	08:58 TB	10/16/25	SO	Soil	SS01@2'
DA76342-2B	10/16/25	08:58 TB	10/16/25	SO	Soil	SS01@2'
DA76342-3	10/16/25	09:07 TB	10/16/25	SO	Soil	SS02@2'
DA76342-3A	10/16/25	09:07 TB	10/16/25	SO	Soil	SS02@2'
DA76342-3B	10/16/25	09:07 TB	10/16/25	SO	Soil	SS02@2'
DA76342-4	10/16/25	09:09 TB	10/16/25	SO	Soil	SS03@2'
DA76342-4A	10/16/25	09:09 TB	10/16/25	SO	Soil	SS03@2'
DA76342-4B	10/16/25	09:09 TB	10/16/25	SO	Soil	SS03@2'
DA76342-5	10/16/25	09:15 TB	10/16/25	SO	Soil	SS04@2'

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



### Sample Summary (continued)

Chevron USA, Inc.

Job No: DA76342

TASMCOA: Spomer-65N66W 32SESE  
Project No: NOBLE/8676 PO#UWRWE-A3439-ABN

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
DA76342-5A	10/16/25	09:15 TB	10/16/25	SO	Soil	SS04@2'
DA76342-5B	10/16/25	09:15 TB	10/16/25	SO	Soil	SS04@2'

---

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

## Summary of Hits

**Job Number:** DA76342  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE  
**Collected:** 10/16/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA76342-1 FS01@3'**

Arsenic		8.6	0.19		mg/kg	SW846 6020B
Barium		40.2	1.9		mg/kg	SW846 6020B
Cadmium		0.098	0.096		mg/kg	SW846 6020B
Copper		9.7	1.9		mg/kg	SW846 6020B
Lead		12.6	0.48		mg/kg	SW846 6020B
Nickel		10.6	1.9		mg/kg	SW846 6020B
Selenium		0.33	0.19		mg/kg	SW846 6020B
Zinc		46.8	9.6		mg/kg	SW846 6020B
pH		8.07			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.33	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76342-1A FS01@3'**

Calcium		48.3	6.0		mg/l	SW846 6010C
Magnesium		9.85	3.0		mg/l	SW846 6010C
Sodium		7.56	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>		0.259			ratio	USDA HANDBOOK 60

**DA76342-1B FS01@3'**

No hits reported in this sample.

**DA76342-2 SS01@2'**

Arsenic		6.7	0.20		mg/kg	SW846 6020B
Barium		52.1	2.0		mg/kg	SW846 6020B
Cadmium		0.11	0.10		mg/kg	SW846 6020B
Copper		8.6	2.0		mg/kg	SW846 6020B
Lead		10.2	0.51		mg/kg	SW846 6020B
Nickel		9.1	2.0		mg/kg	SW846 6020B
Selenium		0.33	0.20		mg/kg	SW846 6020B
Zinc		38.3	10		mg/kg	SW846 6020B
pH		8.07			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.33	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76342-2A SS01@2'**

Calcium		55.7	6.0		mg/l	SW846 6010C
Magnesium		14.0	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>		0.139			ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA76342  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE  
**Collected:** 10/16/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA76342-2B SS01@2'**

No hits reported in this sample.

**DA76342-3 SS02@2'**

Arsenic	8.6	0.21		mg/kg	SW846 6020B
Barium	48.7	2.1		mg/kg	SW846 6020B
Cadmium	0.11	0.10		mg/kg	SW846 6020B
Copper	10.2	2.1		mg/kg	SW846 6020B
Lead	12.8	0.51		mg/kg	SW846 6020B
Nickel	10.9	2.1		mg/kg	SW846 6020B
Selenium	0.39	0.21		mg/kg	SW846 6020B
Zinc	45.3	10		mg/kg	SW846 6020B
pH	8.11			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.21	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76342-3A SS02@2'**

Calcium	112	6.0		mg/l	SW846 6010C
Magnesium	9.08	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>	0.0273			ratio	USDA HANDBOOK 60

**DA76342-3B SS02@2'**

No hits reported in this sample.

**DA76342-4 SS03@2'**

Arsenic	9.5	0.19		mg/kg	SW846 6020B
Barium	44.6	1.9		mg/kg	SW846 6020B
Cadmium	0.15	0.093		mg/kg	SW846 6020B
Copper	10.8	1.9		mg/kg	SW846 6020B
Lead	14.5	0.46		mg/kg	SW846 6020B
Nickel	11.1	1.9		mg/kg	SW846 6020B
Selenium	0.60	0.19		mg/kg	SW846 6020B
Zinc	49.4	9.3		mg/kg	SW846 6020B
pH	8.10			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.20	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76342-4A SS03@2'**

Calcium	79.0	6.0		mg/l	SW846 6010C
Magnesium	9.09	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>	0.0610			ratio	USDA HANDBOOK 60

## Summary of Hits

**Job Number:** DA76342  
**Account:** Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE  
**Collected:** 10/16/25

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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**DA76342-4B SS03@2'**

No hits reported in this sample.

**DA76342-5 SS04@2'**

Arsenic	8.7	0.18		mg/kg	SW846 6020B
Barium	66.1	1.8		mg/kg	SW846 6020B
Cadmium	0.13	0.091		mg/kg	SW846 6020B
Copper	10.3	1.8		mg/kg	SW846 6020B
Lead	14.5	0.46		mg/kg	SW846 6020B
Nickel	10.8	1.8		mg/kg	SW846 6020B
Selenium	0.44	0.18		mg/kg	SW846 6020B
Zinc	48.4	9.1		mg/kg	SW846 6020B
pH	8.12			su	WREP-125,4E-SATPASTE
Specific Conductivity	0.35	0.0010		mmhos/cm	SM 2510B-2011 MOD

**DA76342-5A SS04@2'**

Calcium	143	6.0		mg/l	SW846 6010C
Magnesium	12.1	3.0		mg/l	SW846 6010C
Sodium Adsorption Ratio <sup>a</sup>	0.129			ratio	USDA HANDBOOK 60

**DA76342-5B SS04@2'**

No hits reported in this sample.

(a) Calculated as:  $(\text{Na meq/L}) / \sqrt{[(\text{Ca meq/L}) + (\text{Mg meq/L})/2]}$

Sample Results

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Report of Analysis

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## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> FS01@3'	
<b>Lab Sample ID:</b> DA76342-1	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V65364.D	1	10/20/25 14:53	MB	n/a	n/a	V6V3067
Run #2							

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

### VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%
17060-07-0	1,2-Dichloroethane-D4	111%		70-130%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> FS01@3'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-1	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.6
<b>Method:</b> SW846 8270E SW846 3570	
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61312.D	1	10/18/25 01:44	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	79%		22-138%
4165-60-0	Nitrobenzene-d5	83%		32-143%
1718-51-0	Terphenyl-d14	70%		48-149%

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

3.1  
3

<b>Client Sample ID:</b> FS01@3'	
<b>Lab Sample ID:</b> DA76342-1	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96248.D	1	10/19/25 16:02	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

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

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

3.1  
3

<b>Client Sample ID:</b> FS01@3'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-1	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	8.6	0.19	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	40.2	1.9	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.098	0.096	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	9.7	1.9	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	12.6	0.48	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	10.6	1.9	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.33	0.19	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.096	0.096	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	46.8	9.6	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19740

(2) Prep QC Batch: MP43725

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FS01@3'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-1	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	91.6		%	1	10/17/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.07		su	1	10/17/25 11:27	SN	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.33	0.0010	mmhos/cm	1	10/17/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.45	0.45	mg/kg	1	10/21/25 09:56	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FS01@3'	
<b>Lab Sample ID:</b> DA76342-1A	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
	<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	48.3	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	9.85	3.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	7.56	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43724

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FS01@3'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-1A	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.259		ratio	1	10/17/25 22:13	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> FS01@3'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-1B		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 91.6
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43719

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS01@2'	
<b>Lab Sample ID:</b> DA76342-2	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V65365.D	1	10/20/25 15:15	MB	n/a	n/a	V6V3067
Run #2							

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

### VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	105%		70-130%
17060-07-0	1,2-Dichloroethane-D4	105%		70-130%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> SS01@2'		
<b>Lab Sample ID:</b> DA76342-2		<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61313.D	1	10/18/25 02:11	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

### COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	86%		22-138%
4165-60-0	Nitrobenzene-d5	82%		32-143%
1718-51-0	Terphenyl-d14	82%		48-149%

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

<b>Client Sample ID:</b> SS01@2'	
<b>Lab Sample ID:</b> DA76342-2	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96249.D	1	10/19/25 16:16	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

### DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.5	4.5	mg/kg	
	TPH-ORO (> C28-C36)	< 6.7	6.7	mg/kg	

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

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> SS01@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-2		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	6.7	0.20	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	52.1	2.0	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.11	0.10	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	8.6	2.0	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	10.2	0.51	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	9.1	2.0	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.33	0.20	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.10	0.10	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	38.3	10	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19740

(2) Prep QC Batch: MP43725

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS01@2'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-2	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	88.9		%	1	10/17/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.07		su	1	10/17/25 11:27	SN	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.33	0.0010	mmhos/cm	1	10/17/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.45	0.45	mg/kg	1	10/21/25 11:39	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS01@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-2A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	55.7	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	14.0	3.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	< 6.0	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43724

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS01@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-2A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.139		ratio	1	10/17/25 22:15	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS01@2'	
<b>Lab Sample ID:</b> DA76342-2B	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
	<b>Percent Solids:</b> 88.9
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43719

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RL = Reporting Limit

## Report of Analysis

37  
3

<b>Client Sample ID:</b> SS02@2'	
<b>Lab Sample ID:</b> DA76342-3	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8260D	<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95694.D	1	10/20/25 16:23	MB	n/a	n/a	V5V4544
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.10 g	5.0 ml
Run #2		

### VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	112%		70-130%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

37  
3

<b>Client Sample ID:</b> SS02@2'	
<b>Lab Sample ID:</b> DA76342-3	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8270E SW846 3570	<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61314.D	1	10/18/25 02:37	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	0.0052	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0042	0.0042	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0042	0.0042	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0042	0.0042	mg/kg	
218-01-9	Chrysene	< 0.0042	0.0042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0042	0.0042	mg/kg	
206-44-0	Fluoranthene	< 0.0042	0.0042	mg/kg	
86-73-7	Fluorene	< 0.0042	0.0042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0042	0.0042	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0042	0.0042	mg/kg	
91-20-3	Naphthalene	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0042	0.0042	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	93%		22-138%
4165-60-0	Nitrobenzene-d5	88%		32-143%
1718-51-0	Terphenyl-d14	86%		48-149%

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

37  
3

<b>Client Sample ID:</b> SS02@2'	
<b>Lab Sample ID:</b> DA76342-3	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96250.D	1	10/19/25 16:30	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

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

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> SS02@2'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-3	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	8.6	0.21	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	48.7	2.1	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.11	0.10	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	10.2	2.1	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	12.8	0.51	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	10.9	2.1	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.39	0.21	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.10	0.10	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	45.3	10	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19740

(2) Prep QC Batch: MP43725

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS02@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-3		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	90.2		%	1	10/17/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.11		su	1	10/17/25 11:27	SN	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.21	0.0010	mmhos/cm	1	10/17/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.46	0.46	mg/kg	1	10/21/25 11:55	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS02@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-3A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	112	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	9.08	3.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	< 6.0	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43724

RL = Reporting Limit



## Report of Analysis

<b>Client Sample ID:</b> SS02@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-3A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.0273		ratio	1	10/17/25 22:16	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS02@2'	
<b>Lab Sample ID:</b> DA76342-3B	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
	<b>Percent Solids:</b> 90.2
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43719

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> SS03@2'		
<b>Lab Sample ID:</b> DA76342-4		<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V95695.D	1	10/20/25 16:46	MB	n/a	n/a	V5V4544
Run #2							

Run #1	Initial Weight	Final Volume
Run #1	5.28 g	5.0 ml
Run #2		

### VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0010	0.0010	mg/kg	
100-41-4	Ethylbenzene	< 0.0021	0.0021	mg/kg	
108-88-3	Toluene	< 0.0021	0.0021	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0021	0.0021	mg/kg	
	m,p-Xylene	< 0.0021	0.0021	mg/kg	
95-47-6	o-Xylene	< 0.0021	0.0021	mg/kg	
1330-20-7	Xylene (total)	< 0.0021	0.0021	mg/kg	
	TPH-GRO (C6-C10)	< 0.21	0.21	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%
17060-07-0	1,2-Dichloroethane-D4	108%		70-130%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> SS03@2'		
<b>Lab Sample ID:</b> DA76342-4		<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61315.D	1	10/18/25 03:04	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	93%		22-138%
4165-60-0	Nitrobenzene-d5	87%		32-143%
1718-51-0	Terphenyl-d14	88%		48-149%

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

<b>Client Sample ID:</b> SS03@2'	
<b>Lab Sample ID:</b> DA76342-4	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96251.D	1	10/19/25 16:43	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

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

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> SS03@2'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-4	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	9.5	0.19	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	44.6	1.9	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.15	0.093	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	10.8	1.9	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	14.5	0.46	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	11.1	1.9	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.60	0.19	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.093	0.093	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	49.4	9.3	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19740

(2) Prep QC Batch: MP43725

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS03@2'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-4	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	90.7		%	1	10/17/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.10		su	1	10/17/25 11:27	SN	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.20	0.0010	mmhos/cm	1	10/17/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.45	0.45	mg/kg	1	10/21/25 12:19	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS03@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-4A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	79.0	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	9.09	3.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	< 6.0	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43724

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS03@2'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-4A	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.0610		ratio	1	10/17/25 22:18	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS03@2'	
<b>Lab Sample ID:</b> DA76342-4B	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
	<b>Percent Solids:</b> 90.7
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43719

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RL = Reporting Limit

# Report of Analysis

<b>Client Sample ID:</b> SS04@2'		
<b>Lab Sample ID:</b> DA76342-5		<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8260D		<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	9VB3645.D	1	10/27/25 17:56	MB	n/a	n/a	V9V834
Run #2							

Run #	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

### VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit  
 E = Indicates value exceeds calibration range

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

# Report of Analysis

<b>Client Sample ID:</b> SS04@2'		
<b>Lab Sample ID:</b> DA76342-5		<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846 8270E SW846 3570		<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61316.D	1	10/18/25 03:30	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

### COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0041	0.0041	mg/kg	
120-12-7	Anthracene	< 0.0041	0.0041	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0051	0.0051	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0041	0.0041	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0041	0.0041	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0041	0.0041	mg/kg	
218-01-9	Chrysene	< 0.0041	0.0041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0041	0.0041	mg/kg	
206-44-0	Fluoranthene	< 0.0041	0.0041	mg/kg	
86-73-7	Fluorene	< 0.0041	0.0041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0041	0.0041	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0041	0.0041	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0041	0.0041	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	85%		22-138%
4165-60-0	Nitrobenzene-d5	85%		32-143%
1718-51-0	Terphenyl-d14	78%		48-149%

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

<b>Client Sample ID:</b> SS04@2'	
<b>Lab Sample ID:</b> DA76342-5	<b>Date Sampled:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Date Received:</b> 10/16/25
<b>Method:</b> SW846-8015C SW846 3570	<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96252.D	1	10/19/25 16:57	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

### DRO C10-C28, ORO > C28-C36

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		20-142%

RL = Reporting Limit  
E = Indicates value exceeds calibration range

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

## Report of Analysis

<b>Client Sample ID:</b> SS04@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-5		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	8.7	0.18	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Barium	66.1	1.8	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Cadmium	0.13	0.091	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Copper	10.3	1.8	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Lead	14.5	0.46	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Nickel	10.8	1.8	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Selenium	0.44	0.18	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Silver	< 0.091	0.091	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>
Zinc	48.4	9.1	mg/kg	10	10/17/25	10/17/25	CDL SW846 6020B <sup>1</sup>	SW846 3050B <sup>2</sup>

(1) Instrument QC Batch: MA19740

(2) Prep QC Batch: MP43725

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS04@2'	<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-5	<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil	<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE	

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
<b>%solids</b>							
Solids, Percent	92.1		%	1	10/17/25	JL	SM2540G-2011 M
<b>pH-saturated paste method</b>							
pH	8.12		su	1	10/17/25 11:27	SN	WREP-125,4E-SATPASTE
<b>prep: DEPT.OF AG, BOOK N9</b>							
Specific Conductivity	0.35	0.0010	mmhos/cm	1	10/17/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent <sup>a</sup>	< 0.44	0.44	mg/kg	1	10/21/25 12:35	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS04@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-5A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Calcium	143	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Magnesium	12.1	3.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>
Sodium	< 6.0	6.0	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	USDA HANDBOOK 60 <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43724

RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS04@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-5A		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio <sup>a</sup>	0.129		ratio	1	10/17/25 22:19	BR	USDA HANDBOOK 60

(a) Calculated as:  $(Na \text{ meq/L}) / \sqrt{[(Ca \text{ meq/L}) + (Mg \text{ meq/L})/2]}$

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RL = Reporting Limit

## Report of Analysis

<b>Client Sample ID:</b> SS04@2'		<b>Date Sampled:</b> 10/16/25
<b>Lab Sample ID:</b> DA76342-5B		<b>Date Received:</b> 10/16/25
<b>Matrix:</b> SO - Soil		<b>Percent Solids:</b> 92.1
<b>Project:</b> TASMCOA: Spomer-65N66W 32SESE		

### Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	10/17/25	10/17/25 BR	SW846 6010C <sup>1</sup>	HWS-B <sup>2</sup>

(1) Instrument QC Batch: MA19739

(2) Prep QC Batch: MP43719

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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

<b>Client / Reporting Information</b> Company: <b>Tasman, Inc.</b> Street: <b>4725 Independence St.</b> City, State ZIP: <b>Wheat Ridge, CO 80033</b> Project Contact: <b>Eric Vonde</b> Phone: <b>(303) 487-1228</b> Email: <b>evonde@tasman.geo.com</b> dan.peterson@chevron.com		<b>Project Information</b> Project Name: <b>SPomer-65N66W 32SESE</b> Check Box if Project Report to Division of Oil and Public Safety (OPS): <input type="checkbox"/> Street: _____ City, State ZIP: _____ Project #: <b>8676</b> Client Purchase Order #: <b>UWRWE-A3439-ABA</b> Project Manager: <b>Eric Vonde</b> Attention: <b>Dan Peterson</b>		<b>Requested Analysis (see TEST CODE sheet)</b> Bottle Order Control # _____ FED-EX Tracking # _____ SGS Quote # _____ SGS Job # <b>DA76342</b> Metals - 915 _____ VOCs - 915 _____ TPH - 915 _____ PAHs - 915 _____ PH, EC, SAR, boron _____ TDS, Cl, SO4 _____ Full Table 915-1 _____		<b>Matrix Codes</b> DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SD - Soil SL - Sludge SED - Sediment OL - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TR - Trip Blank B - Dissolved metals PD - Potentially dissolved TR - Total recoverable <b>LAB USE ONLY</b>	
<b>Sampler(s) Name(s)</b> <b>T. Barton</b>		<b>Collection</b> Field ID / Point of Collection: _____ Date: _____ Time: _____ Sampled by: _____ Matrix: _____ # of bottles: _____ NONE HCl HNO3 H2SO4 DI Water HCHO ENCORE Na2S2O8 Na2SO3		Number of preserved bottles: _____ Metals - 915 _____ VOCs - 915 _____ TPH - 915 _____ PAHs - 915 _____ PH, EC, SAR, boron _____ TDS, Cl, SO4 _____ Full Table 915-1 _____		<b>Hold</b> _____ <b>LAB USE ONLY</b>	
<b>Turnaround Time (Business days)</b> <input type="checkbox"/> 10 Business Days <input type="checkbox"/> 5 Business Days <input type="checkbox"/> 3 Business Days RUSH <input type="checkbox"/> 2 Business Days RUSH <input checked="" type="checkbox"/> 1 Business Day EMERGENCY Emergency & Rush T/A data available via Email or LabLink. RUSH TAT approval needed.		<b>Special Reporting Instructions</b> <input type="checkbox"/> Report in PPB <input type="checkbox"/> Report in PPM <input type="checkbox"/> Report MDLs		<b>Data Deliverable Information</b> <input type="checkbox"/> Commercial "A" (Level 1, Results Only) <input type="checkbox"/> Commercial "B" (Level 2, Results + QC Summary) <input type="checkbox"/> COMMBN (Results/QC/Narrative) <input type="checkbox"/> COMMBN+ (Results/QC/Narrative (+ chromatograms)) <input type="checkbox"/> REDT2 (Results/QC Summary/partial raw data) <input type="checkbox"/> FULT1 <input checked="" type="checkbox"/> EDD Format, Tasman		<b>Comments / Special Instructions</b> <b>**Metals: specify metal(s), method, and type (D, PD, TR)</b>	
<b>Sample Custody must be documented below each time samples change possession, including courier, Fed Ex, USPS, USPS delivery.</b>							
Relinquished by/Sampler/Affiliation: 1 <i>T. Barton</i>		Date/Time: 10/16/25 12:09		Received By/Affiliation: 1 <i>[Signature]</i>		Relinquished By/Affiliation: 2 _____	
Relinquished by/Affiliation: 3 _____		Date/Time: _____		Received By/Affiliation: 3 _____		Relinquished By/Affiliation: 4 _____	
Custody Seal #: Intact <input checked="" type="checkbox"/> Not intact <input type="checkbox"/> Absent <input type="checkbox"/>		Preserved where applicable <input checked="" type="checkbox"/>		Cooler Temp. °C (corrected): <b>4.2</b> Therm. ID: <b>42</b>		On Ice <input type="checkbox"/>	
<a href="http://www.sgs.com/en/terms-and-conditions">http://www.sgs.com/en/terms-and-conditions</a>							

DA76342: Chain of Custody

Page 1 of 2



MS Volatiles

QC Data Summaries

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Includes the following where applicable:

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

## Method Blank Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3067-MB	6V65363.D	1	10/20/25	MB	n/a	n/a	V6V3067

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-1, DA76342-2

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

CAS No.	Surrogate Recoveries	Limits	
1868-53-7	Dibromofluoromethane	107%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	110%	70-130%

## Method Blank Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4544-MB	5V95693.D	1	10/20/25	MB	n/a	n/a	V5V4544

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-3, DA76342-4

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

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

## Method Blank Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V834-MB	9VB3626.D	1	10/27/25	MB	n/a	n/a	V9V834

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-5

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

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	90% 70-130%
2037-26-5	Toluene-D8	98% 70-130%
460-00-4	4-Bromofluorobenzene	96% 70-130%
17060-07-0	1,2-Dichloroethane-D4	98% 70-130%

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3067-BS	6V65361.D	1	10/20/25	MB	n/a	n/a	V6V3067

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-1, DA76342-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	54.9	110	70-130
100-41-4	Ethylbenzene	50	55.3	111	70-130
108-88-3	Toluene	50	53.4	107	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.8	112	70-134
108-67-8	1,3,5-Trimethylbenzene	50	55.9	112	70-134
	m,p-Xylene	100	112	112	70-130
95-47-6	o-Xylene	50	55.6	111	70-136
1330-20-7	Xylene (total)	150	167	111	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	101%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4544-BS	5V95691.D	1	10/20/25	MB	n/a	n/a	V5V4544

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-3, DA76342-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	52.1	104	70-130
100-41-4	Ethylbenzene	50	53.7	107	70-130
108-88-3	Toluene	50	50.7	101	70-130
95-63-6	1,2,4-Trimethylbenzene	50	54.9	110	70-134
108-67-8	1,3,5-Trimethylbenzene	50	54.9	110	70-134
	m,p-Xylene	100	105	105	70-130
95-47-6	o-Xylene	50	54.4	109	70-136
1330-20-7	Xylene (total)	150	159	106	70-131

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	101%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3067-BS	6V65362.D	1	10/20/25	MB	n/a	n/a	V6V3067

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-1, DA76342-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2260	113	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	70-130%
2037-26-5	Toluene-D8	94%	70-130%
460-00-4	4-Bromofluorobenzene	110%	70-130%
17060-07-0	1,2-Dichloroethane-D4	108%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4544-BS	5V95692.D	1	10/20/25	MB	n/a	n/a	V5V4544

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-3, DA76342-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1950	98	64-144

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

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V834-BS	9VB3625.D	1	10/27/25	MB	n/a	n/a	V9V834

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1910	96	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	88%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V9V834-BS	9VB3631.D	1	10/27/25	MB	n/a	n/a	V9V834

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	50.0	100	70-130
100-41-4	Ethylbenzene	50	52.5	105	70-130
108-88-3	Toluene	50	49.5	99	70-130
95-63-6	1,2,4-Trimethylbenzene	50	51.9	104	70-134
108-67-8	1,3,5-Trimethylbenzene	50	52.4	105	70-134
	m,p-Xylene	100	103	103	70-130
95-47-6	o-Xylene	50	52.2	104	70-136
1330-20-7	Xylene (total)	150	155	103	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	93%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	70-130%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76342-1MS	6V65366.D	1	10/20/25	MB	n/a	n/a	V6V3067
DA76342-1MSD	6V65367.D	1	10/20/25	MB	n/a	n/a	V6V3067
DA76342-1	6V65364.D	1	10/20/25	MB	n/a	n/a	V6V3067

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-1, DA76342-2

CAS No.	Compound	DA76342-1 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1	52.3	58.3	112	52.7	57.7	110	1	44-150/44
100-41-4	Ethylbenzene	< 2.1	52.3	57.3	110	52.7	56.2	107	2	41-149/49
108-88-3	Toluene	< 2.1	52.3	55.1	105	52.7	55.1	105	0	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1	52.3	57.6	110	52.7	55.8	106	3	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1	52.3	55.5	106	52.7	54.3	103	2	30-161/60
	m,p-Xylene	< 2.1	105	115	110	105	114	108	1	36-152/49
95-47-6	o-Xylene	< 2.1	52.3	57.1	109	52.7	57.0	108	0	33-168/49
1330-20-7	Xylene (total)	< 2.1	157	172	110	158	171	108	1	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76342-1	Limits
1868-53-7	Dibromofluoromethane	103%	111%	109%	70-130%
2037-26-5	Toluene-D8	100%	100%	98%	70-130%
460-00-4	4-Bromofluorobenzene	105%	108%	100%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	102%	111%	70-130%

\* = Outside of Control Limits.

5.3.1  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76342-2MS	6V65368.D	1	10/20/25	MB	n/a	n/a	V6V3067
DA76342-2MSD	6V65369.D	1	10/20/25	MB	n/a	n/a	V6V3067
DA76342-2	6V65365.D	1	10/20/25	MB	n/a	n/a	V6V3067

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-1, DA76342-2

CAS No.	Compound	DA76342-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 220	2180	1750	80	2120	1120	53	44	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76342-2	Limits
1868-53-7	Dibromofluoromethane	103%	98%	105%	70-130%
2037-26-5	Toluene-D8	103%	99%	101%	70-130%
460-00-4	4-Bromofluorobenzene	104%	106%	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	103%	105%	70-130%

\* = Outside of Control Limits.

5.3.2  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76342-3MS	5V95696.D	1	10/20/25	MB	n/a	n/a	V5V4544
DA76342-3MSD	5V95697.D	1	10/20/25	MB	n/a	n/a	V5V4544
DA76342-3	5V95694.D	1	10/20/25	MB	n/a	n/a	V5V4544

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-3

CAS No.	Compound	DA76342-3 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1	53.6	41.7	78	54	51.5	95	21	44-150/44
100-41-4	Ethylbenzene	< 2.2	53.6	43.4	81	54	54.1	100	22	41-149/49
108-88-3	Toluene	< 2.2	53.6	40.9	76	54	50.5	93	21	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.2	53.6	43.4	81	54	54.8	101	23	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.2	53.6	43.5	81	54	54.9	102	23	30-161/60
	m,p-Xylene	< 2.2	107	84.8	79	108	106	98	22	36-152/49
95-47-6	o-Xylene	< 2.2	53.6	43.7	82	54	55.0	102	23	33-168/49
1330-20-7	Xylene (total)	< 2.2	161	129	80	162	161	99	22	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76342-3	Limits
1868-53-7	Dibromofluoromethane	99%	103%	100%	70-130%
2037-26-5	Toluene-D8	96%	96%	97%	70-130%
460-00-4	4-Bromofluorobenzene	97%	97%	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	109%	109%	112%	70-130%

\* = Outside of Control Limits.

5.3.3  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76342-4MS	5V95698.D	1	10/20/25	MB	n/a	n/a	V5V4544
DA76342-4MSD	5V95699.D	1	10/20/25	MB	n/a	n/a	V5V4544
DA76342-4	5V95695.D	1	10/20/25	MB	n/a	n/a	V5V4544

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-4

CAS No.	Compound	DA76342-4 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 210	2050	1590	77	2190	1080	49	38	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76342-4	Limits
1868-53-7	Dibromofluoromethane	97%	99%	99%	70-130%
2037-26-5	Toluene-D8	95%	97%	95%	70-130%
460-00-4	4-Bromofluorobenzene	100%	98%	98%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	104%	108%	70-130%

\* = Outside of Control Limits.

5.3.4  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76398-8MS	9VB3629.D	1	10/27/25	MB	n/a	n/a	V9V834
DA76398-8MSD	9VB3630.D	1	10/27/25	MB	n/a	n/a	V9V834
DA76398-8	9VB3627.D	1	10/27/25	MB	n/a	n/a	V9V834

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-5

CAS No.	Compound	DA76398-8 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.0	53.1	54.3	102	53.3	55.2	104	2	44-150/44
100-41-4	Ethylbenzene	< 2.1	53.1	56.4	106	53.3	56.8	107	1	41-149/49
108-88-3	Toluene	< 2.1	53.1	53.8	101	53.3	53.8	101	0	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.1	53.1	55.3	104	53.3	55.0	103	1	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.1	53.1	55.9	105	53.3	55.7	105	0	30-161/60
	m,p-Xylene	< 2.1	106	111	104	107	111	104	0	36-152/49
95-47-6	o-Xylene	< 2.1	53.1	56.6	106	53.3	56.9	107	1	33-168/49
1330-20-7	Xylene (total)	< 2.1	159	167	105	160	168	105	1	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76398-8	Limits
1868-53-7	Dibromofluoromethane	93%	93%	90%	70-130%
2037-26-5	Toluene-D8	98%	98%	98%	70-130%
460-00-4	4-Bromofluorobenzene	99%	98%	96%	70-130%
17060-07-0	1,2-Dichloroethane-D4	98%	100%	96%	70-130%

\* = Outside of Control Limits.

5.3.5  
5

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76398-11MS	9VB3632.D	1	10/27/25	MB	n/a	n/a	V9V834
DA76398-11MSD	9VB3633.D	1	10/27/25	MB	n/a	n/a	V9V834
DA76398-11	9VB3628.D	1	10/27/25	MB	n/a	n/a	V9V834

The QC reported here applies to the following samples:

Method: SW846 8260D

DA76342-5

CAS No.	Compound	DA76398-11 Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	< 200	2050	1840	90	2080	1780	85	3	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76398-11 Limits	
1868-53-7	Dibromofluoromethane	91%	92%	92%	70-130%
2037-26-5	Toluene-D8	98%	98%	99%	70-130%
460-00-4	4-Bromofluorobenzene	98%	98%	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	100%	97%	70-130%

\* = Outside of Control Limits.

5.3.6  
5

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:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28967-MB	3G61306.D	1	10/17/25	TH	10/17/25	OP28967	E3G2940

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

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

CAS No.	Surrogate Recoveries	Limits	
321-60-8	2-Fluorobiphenyl	90%	22-138%
4165-60-0	Nitrobenzene-d5	80%	32-143%
1718-51-0	Terphenyl-d14	94%	48-149%

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28967-BS	3G61307.D	1	10/17/25	TH	10/17/25	OP28967	E3G2940

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	204	102	46-152
120-12-7	Anthracene	200	224	112	65-147
56-55-3	Benzo(a)anthracene	200	210	105	64-144
205-99-2	Benzo(b)fluoranthene	200	214	107	70-154
207-08-9	Benzo(k)fluoranthene	200	201	101	70-158
50-32-8	Benzo(a)pyrene	200	203	102	64-159
218-01-9	Chrysene	200	193	97	70-156
53-70-3	Dibenzo(a,h)anthracene	200	211	106	63-156
206-44-0	Fluoranthene	200	205	103	62-155
86-73-7	Fluorene	200	210	105	55-151
193-39-5	Indeno(1,2,3-cd)pyrene	200	207	104	67-156
90-12-0	1-Methylnaphthalene	200	184	92	21-168
91-57-6	2-Methylnaphthalene	200	182	91	18-161
91-20-3	Naphthalene	200	168	84	2-173
129-00-0	Pyrene	200	200	100	61-158

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	80%	22-138%
4165-60-0	Nitrobenzene-d5	76%	32-143%
1718-51-0	Terphenyl-d14	85%	48-149%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28967-MS	3G61308.D	1	10/17/25	TH	10/17/25	OP28967	E3G2940
OP28967-MSD	3G61309.D	1	10/18/25	TH	10/17/25	OP28967	E3G2940
DA76392-3	3G61310.D	1	10/18/25	TH	10/17/25	OP28967	E3G2940

The QC reported here applies to the following samples:

Method: SW846 8270E

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

CAS No.	Compound	DA76392-3 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 3.9	197	193	98	197	194	99	1	30-148/32
120-12-7	Anthracene	< 3.9	197	207	105	197	202	103	2	40-148/33
56-55-3	Benzo(a)anthracene	< 4.8	197	199	101	197	196	100	2	44-144/32
205-99-2	Benzo(b)fluoranthene	< 3.9	197	201	102	197	203	103	1	36-166/43
207-08-9	Benzo(k)fluoranthene	< 3.9	197	188	96	197	189	96	1	43-165/41
50-32-8	Benzo(a)pyrene	< 3.9	197	201	102	197	203	103	1	41-161/37
218-01-9	Chrysene	< 3.9	197	184	93	197	184	93	0	52-152/32
53-70-3	Dibenzo(a,h)anthracene	< 3.9	197	196	100	197	202	103	3	42-155/36
206-44-0	Fluoranthene	< 3.9	197	191	97	197	192	98	1	40-151/34
86-73-7	Fluorene	< 3.9	197	199	101	197	194	99	3	34-149/34
193-39-5	Indeno(1,2,3-cd)pyrene	< 3.9	197	198	101	197	201	102	2	41-156/37
90-12-0	1-Methylnaphthalene	< 3.9	197	165	84	197	169	86	2	23-149/36
91-57-6	2-Methylnaphthalene	< 3.9	197	174	88	197	170	86	2	18-144/35
91-20-3	Naphthalene	< 1.9	197	164	83	197	167	85	2	18-150/32
129-00-0	Pyrene	< 3.9	197	189	96	197	198	101	5	38-156/33

CAS No.	Surrogate Recoveries	MS	MSD	DA76392-3	Limits
321-60-8	2-Fluorobiphenyl	84%	85%	90%	22-138%
4165-60-0	Nitrobenzene-d5	79%	80%	83%	32-143%
1718-51-0	Terphenyl-d14	88%	88%	93%	48-149%

\* = 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:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28969-MB	FN96239.D	1	10/19/25	JB	10/17/25	OP28969	GFN533

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

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

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

7.1.1  
7

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28969-BS1	FN96240.D	1	10/19/25	JB	10/17/25	OP28969	GFN533

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	176	88	70-130

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

\* = Outside of Control Limits.

# Blank Spike Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28969-BS2	FN96241.D	1	10/19/25	JB	10/17/25	OP28969	GFN533

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	217	109	70-138

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

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28969-MS1	FN96242.D	1	10/19/25	JB	10/17/25	OP28969	GFN533
OP28969-MSD1	FN96243.D	1	10/19/25	JB	10/17/25	OP28969	GFN533
DA76392-3	FN96246.D	1	10/19/25	JB	10/17/25	OP28969	GFN533

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

CAS No.	Compound	DA76392-3 mg/kg	Spike Q	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.0	191	175	92	197	180	91	3	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76392-3	Limits
84-15-1	o-Terphenyl	91%	97%	92%	20-142%

\* = Outside of Control Limits.

# Matrix Spike/Matrix Spike Duplicate Summary

**Job Number:** DA76342  
**Account:** CHEVRCOG Chevron USA, Inc.  
**Project:** TASMCOA: Spomer-65N66W 32SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28969-MS2	FN96244.D	1	10/19/25	JB	10/17/25	OP28969	GFN533
OP28969-MSD2	FN96245.D	1	10/19/25	JB	10/17/25	OP28969	GFN533
DA76392-4	FN96247.D	1	10/19/25	JB	10/17/25	OP28969	GFN533

The QC reported here applies to the following samples:

Method: SW846-8015C

DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

CAS No.	Compound	DA76392-4 mg/kg	Spike Q mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.0	206	231	112	197	225	114	3	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA76392-4	Limits
84-15-1	o-Terphenyl	88%	92%	93%	20-142%

\* = Outside of Control Limits.

## Metals Analysis

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### QC Data Summaries

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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: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43719  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

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	0.50	<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 MP43719: DA76342-1B, DA76342-2B, DA76342-3B, DA76342-4B, DA76342-5B

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

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

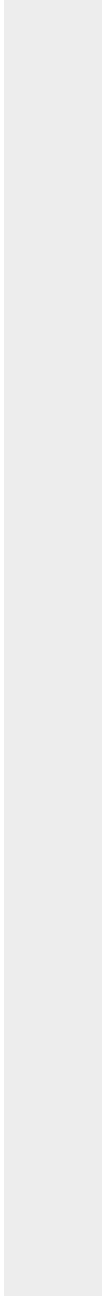
QC Batch ID: MP43719  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested



8.1.1  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43719  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25 10/17/25

Metal	DA76345-2B Original	DUP	RPD	QC Limits	DA76345-2B Original MS	Spikelot ICPAL6	% Rec	QC Limits
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Boron	318	278	13.4	0-20	318	9620	10000	93.0 75-125
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Lithium								
Magnesium								
Manganese								
Molybdenum								
Nickel								
Phosphorus								
Potassium								
Selenium								
Silicon								
Silver								
Sodium								
Strontium								
Thallium								
Tin								
Titanium								
Uranium								
Vanadium								
Zinc								

Associated samples MP43719: DA76342-1B, DA76342-2B, DA76342-3B, DA76342-4B, DA76342-5B

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

8.12  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

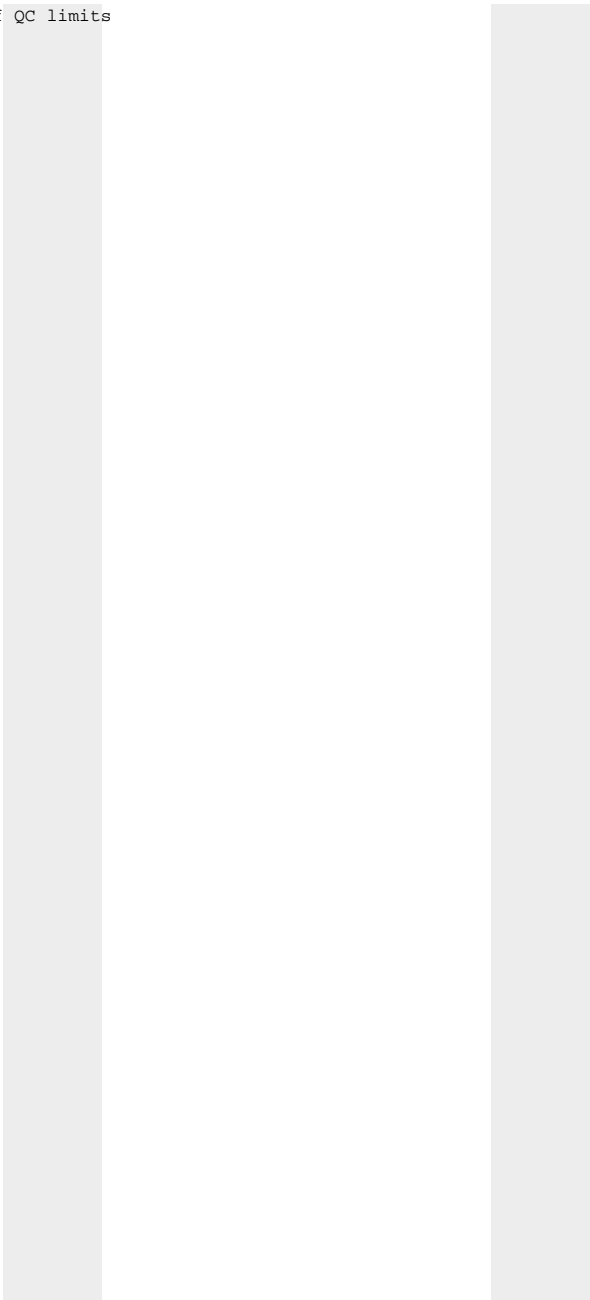
QC Batch ID: MP43719  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25 10/17/25

Metal	DA76345-2B Original DUP	RPD	QC Limits	DA76345-2B Original MS	Spikelot ICPAL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
 (anr) Analyte not requested



8.1.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43719  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8960	10000	89.6	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 MP43719: DA76342-1B, DA76342-2B, DA76342-3B, DA76342-4B, DA76342-5B

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

8.1.3  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

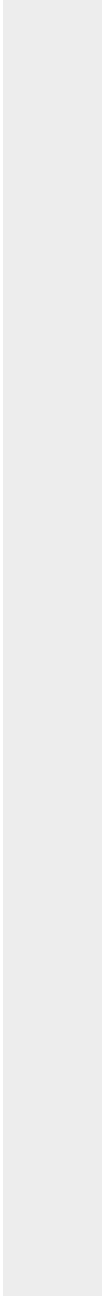
QC Batch ID: MP43719  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(anr) Analyte not requested



8.1.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43719  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76345-2B Original SDL 1:5	%DIF	QC Limits
Aluminum			
Antimony			
Arsenic			
Barium			
Beryllium			
Boron	63.6	83.2	30.8*(a) 0-10
Cadmium			
Calcium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Lithium			
Magnesium			
Manganese			
Molybdenum			
Nickel			
Phosphorus			
Potassium			
Selenium			
Silicon			
Silver			
Sodium			
Strontium			
Thallium			
Tin			
Titanium			
Uranium			
Vanadium			
Zinc			

Associated samples MP43719: DA76342-1B, DA76342-2B, DA76342-3B, DA76342-4B, DA76342-5B

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

8.1.4  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43719  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	DA76345-2B	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

8.1.4

8

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43724  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	1500	30	230		
Antimony	450	90	100		
Arsenic	380	34	69		
Barium	150	2.9	20		
Beryllium	150	1.5	20		
Boron	750	19	95		
Cadmium	150	3.2	20		
Calcium	6000	84	750	27.0	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	-130	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	49.5	<6000
Strontium	75	1.5	9.5		
Thallium	150	91	65		
Tin	900	51	770		
Titanium	150	6.5	20		
Uranium	750	170	130		
Vanadium	150	15	20		
Zinc	450	10	57		

Associated samples MP43724: DA76342-1A, DA76342-2A, DA76342-3A, DA76342-4A, DA76342-5A

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

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

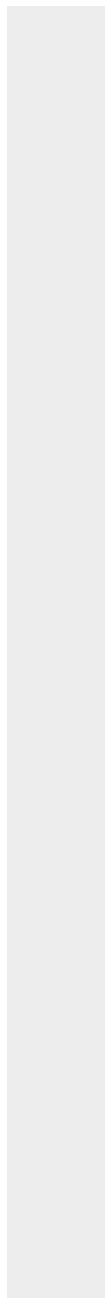
QC Batch ID: MP43724  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
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(anr) Analyte not requested



8.2.1  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43724  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76244-16A Original MS	SpikeLot ICPAL6	% Rec	QC Limits	
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	108000	467000	375000	95.7	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	233000	589000	375000	94.9	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	1930000	2160000	375000	61.3 (a)	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43724: DA76342-1A, DA76342-2A, DA76342-3A, DA76342-4A, DA76342-5A

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

8.2.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43724  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	DA76244-16A Original MS	SpikeLot ICPAL6	% Rec	QC Limits
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(N) Matrix Spike Rec. outside of QC limits  
(anr) Analyte not requested  
(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

8.2.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43724  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76244-16A Original MSD	SpikeLot ICPAL6	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	108000	474000	375000	97.6	1.5	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	233000	597000	375000	97.1	1.3	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	1930000	2190000	375000	69.3 (a)	1.4	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43724: DA76342-1A, DA76342-2A, DA76342-3A, DA76342-4A, DA76342-5A

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

8.2.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

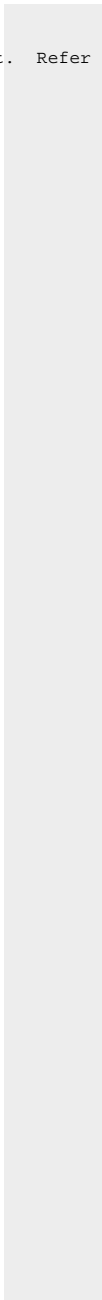
QC Batch ID: MP43724  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76244-16A Original MSD	SpikeLot ICPALL6 % Rec	MSD RPD	QC Limit
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- (N) Matrix Spike Rec. outside of QC limits
- (anr) Analyte not requested
- (a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.



8.2.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43724  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	359000	375000	95.7	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	360000	375000	96.0	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	355000	375000	94.7	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43724: DA76342-1A, DA76342-2A, DA76342-3A, DA76342-4A, DA76342-5A

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

8.2.3  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

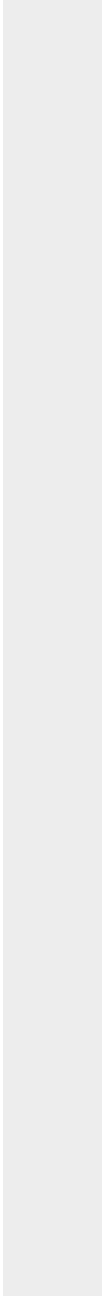
QC Batch ID: MP43724  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
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(anr) Analyte not requested



8.2.3

8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43724  
 Matrix Type: AQUEOUS

Methods: SW846 6010C  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76244-16A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	7190	6740	6.4	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	15500	14500	6.9	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	129000	122000	5.6	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43724: DA76342-1A, DA76342-2A, DA76342-3A, DA76342-4A, DA76342-5A

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

8.2.4  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

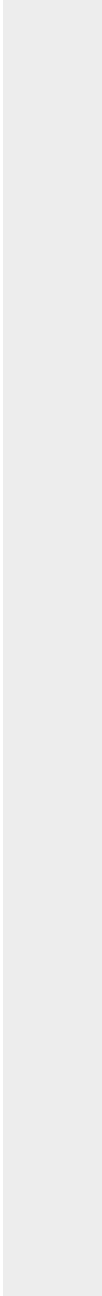
QC Batch ID: MP43724  
Matrix Type: AQUEOUS

Methods: SW846 6010C  
Units: ug/l

Prep Date: 10/17/25

Metal	DA76244-16A	QC
	Original SDL 1:5 %DIF	Limits

(anr) Analyte not requested



8.2.4  
8

BLANK RESULTS SUMMARY  
Part 2 - Method Blanks

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43725  
Matrix Type: SOLID

Methods: SW846 6020B  
Units: mg/kg

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	50	.52	5		
Antimony	0.40	.01	.05		
Arsenic	0.20	.05	.05	0.0046	<0.20
Barium	2.0	.096	.24	0.029	<2.0
Beryllium	0.20	.077	.04		
Boron	40	18	10		
Cadmium	0.10	.03	.04	0.0014	<0.10
Calcium	400	25	30		
Chromium	2.0	.087	.6		
Cobalt	0.20	.04	.025		
Copper	2.0	.05	.25	0.00078	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	0.017	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	-0.27	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	0.0063	<0.20
Silver	0.10	.0081	.03	-0.00047	<0.10
Sodium	500	10	30		
Strontium	20	.1	1		
Thallium	0.20	.032	.04		
Tin	10	.22	4		
Titanium	2.0	.05	.3		
Uranium	0.20	.015	.1		
Vanadium	1.0	.14	.2		
Zinc	10	.05	1	0.081	<10

Associated samples MP43725: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

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: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43725  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/17/25

Metal	DA76345-2 Original MS		Spike ICPMS6	lot % Rec	QC Limits
Aluminum					
Antimony					
Arsenic	5.4	102	102	94.3	75-125
Barium	153	328	205	85.4	75-125
Beryllium					
Boron					
Cadmium	0.19	53.8	51.2	104.6	75-125
Calcium					
Chromium					
Cobalt					
Copper	12.0	61.4	51.2	96.4	75-125
Iron					
Lead	10.1	112	102	99.4	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	13.1	62.4	51.2	96.2	75-125
Phosphorus					
Potassium					
Selenium	0.29	97.6	102	95.0	75-125
Silver	0.047	21.4	20.5	104.2	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	42.5	91.8	51.2	96.2	75-125

Associated samples MP43725: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

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

8.3.2  
8

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43725  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/17/25

Metal	DA76345-2 Original MSD		Spike lot ICPMS6 % Rec		MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	5.4	104	102	96.2	1.9	20
Barium	153	349	205	95.6	6.2	20
Beryllium						
Boron						
Cadmium	0.19	54.1	51.2	105.2	0.6	20
Calcium						
Chromium						
Cobalt						
Copper	12.0	61.9	51.2	97.4	0.8	20
Iron						
Lead	10.1	113	102	100.4	0.9	20
Magnesium						
Manganese						
Molybdenum						
Nickel	13.1	63.1	51.2	97.6	1.1	20
Phosphorus						
Potassium						
Selenium	0.29	97.0	102	94.4	0.6	20
Silver	0.047	21.7	20.5	105.6	1.4	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	42.5	93.1	51.2	98.8	1.4	20

Associated samples MP43725: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

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

8.3.2  
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43725  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: mg/kg

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	98.9	100	98.9	80-120
Barium	193	200	96.5	80-120
Beryllium				
Boron				
Cadmium	50.4	50	100.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.6	50	101.2	80-120
Iron				
Lead	99.3	100	99.3	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	49.6	50	99.2	80-120
Phosphorus				
Potassium				
Selenium	99.2	100	99.2	80-120
Silver	20.1	20	100.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	50.1	50	100.2	80-120

Associated samples MP43725: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

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

8.3.3  
8

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76342  
 Account: CHEVRCOG - Chevron USA, Inc.  
 Project: TASMCOA: Spomer-65N66W 32SESE

QC Batch ID: MP43725  
 Matrix Type: SOLID

Methods: SW846 6020B  
 Units: ug/l

Prep Date: 10/17/25

Metal	DA76345-2 Original SDL 10:50%DIF		QC Limits	
Aluminum				
Antimony				
Arsenic	46.2	46.3	0.1	0-20
Barium	1320	1320	0.4	0-20
Beryllium				
Boron				
Cadmium	1.66	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	103	106	2.6	0-20
Iron				
Lead	86.8	86.9	0.1	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	113	106	5.8	0-20
Phosphorus				
Potassium				
Selenium	2.51	3.04	21.2 (a)	0-20
Silver	0.406	0.468	15.3	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	366	375	2.4	0-20

Associated samples MP43725: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

Results < IDL are shown as zero for calculation purposes

(\*) Outside of QC limits

(anr) Analyte not requested

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

General Chemistry

QC Data Summaries

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39750/GN69938			mmhos/cm	1.409	1.4	100.9	90-110%

Associated Samples:

Batch GP39750: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

(\*) Outside of QC limits

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76342  
Account: CHEVRCOG - Chevron USA, Inc.  
Project: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39750/GN69938	DA76342-1	mmhos/cm	0.33	0.32	2.8	0-20%
pH	GN69937	DA76342-1	su	8.07	8.06	0.1	0-5%

Associated Samples:

Batch GN69937: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

Batch GP39750: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

(\*) Outside of QC limits

Misc. Forms

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Custody Documents and Other Forms

(SGS Dayton, NJ)

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Includes the following where applicable:

- Chain of Custody



## SGS Sample Receipt Summary

Job Number: DA76342

Client: \_\_\_\_\_

Project: \_\_\_\_\_

Date / Time Received: 10/18/2025 10:00:00 AM

Delivery Method: FED EX

Airbill #'s: 7444 9079 1089

Cooler Temps (Raw Measured) °C: Cooler 1: (2.4);

Cooler Temps (Corrected) °C: Cooler 1: (2.5);

**Cooler Security**

Y or N

Y or N

- |                           |                                     |                          |                        |                                     |                          |
|---------------------------|-------------------------------------|--------------------------|------------------------|-------------------------------------|--------------------------|
| 1. Custody Seals Present: | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. COC Present:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Custody Seals Intact:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Smp'l Dates/Time OK | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Cooler Temperature**

Y or N

- |                              |                                     |                          |
|------------------------------|-------------------------------------|--------------------------|
| 1. Temp criteria achieved:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Cooler temp verification: | <u>IR-50</u>                        |                          |
| 3. Cooler media:             | <u>Ice (Bag)</u>                    |                          |
| 4. No. Coolers:              | <u>1</u>                            |                          |

**Quality Control Preservation**

Y or N

N/A

- |                                 |                                     |                                     |                                     |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Trip Blank present / cooler: | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 2. Trip Blank listed on COC:    | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 3. Samples preserved properly:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. VOCs headspace free:         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Sample Integrity - Documentation**

Y or N

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Sample labels present on bottles:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Container labeling complete:        | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Sample container label / COC agree: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Sample Integrity - Condition**

Y or N

- |                                  |                                     |                          |
|----------------------------------|-------------------------------------|--------------------------|
| 1. Sample recvd within HT:       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. All containers accounted for: | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Condition of sample:          | <u>Intact</u>                       |                          |

**Sample Integrity - Instructions**

Y or N

N/A

- |   |                                     |                                     |                                     |
|---|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Analysis requested is clear:           | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 2. Bottles received for unspecified tests | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |                                     |
| 3. Sufficient volume recvd for analysis:  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |                                     |
| 4. Compositing instructions clear:        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 5. Filtering instructions clear:          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

Test Strip Lot #s:	pH 1-12: <u>231619</u>	pH 12+: <u>203117A</u>	Other: (Specify) _____
--------------------	------------------------	------------------------	------------------------

Comments

SM089-03  
Rev. Date 12/7/17

DA76342: Chain of Custody

Page 2 of 2

10.1 10

## General Chemistry

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### QC Data Summaries

(SGS Dayton, NJ)

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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: DA76342  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP64883/GN75035	0.40	0.0	mg/kg	40	36.1	90.3	80-120%
Chromium, Hexavalent	GP64883/GN75035			mg/kg	875	878	100.3	80-120%

Associated Samples:

Batch GP64883: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

(\*) Outside of QC limits

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11

DUPLICATE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76342  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP64883/GN75035	DA76342-1	mg/kg	0.0	0.27	200.0(a)	0-20%

Associated Samples:

Batch GP64883: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

(\*) Outside of QC limits

(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE RESULTS SUMMARY  
GENERAL CHEMISTRY

Login Number: DA76342  
Account: ALMS - SGS Wheat Ridge, CO  
Project: CHEVRCOG: TASMCOA: Spomer-65N66W 32SESE

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP64883/GN75035	DA76342-1	mg/kg	0.0	45.5	36.8	80.9(a)	75-125%
Chromium, Hexavalent	GP64883/GN75035	DA76342-1	mg/kg	0.0	1020	1030	101.4(b)	75-125%

Associated Samples:

Batch GP64883: DA76342-1, DA76342-2, DA76342-3, DA76342-4, DA76342-5

(\*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Good recovery on soluble XCR matrix spike. Good recovery (105%) on the post-spike.

(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.