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

e-Hardcopy 2.0
Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Dr Joe CC-6463W6SESE

NOBLE ENERGY/10016 PO#UWRWE-A4040-ABN

SGS Job Number: DA76366

Sampling Date: 10/16/25

Report to:

Chevron USA, Inc.
2115 117th Avenue
Greeley, CO 80634
nam.ehs.table915@sgs.com

ATTN: Eric Vonde

Total number of pages in report: **129**

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: Joseph Rhoades 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)

October 28, 2025

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

Subject: Report Reissue for SGS Job: DA76366

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,

Eric Hoffman
General Manager

Table of Contents

Table of Contents

Sample Summary

Chevron USA, Inc.

Job No: DA76366

TASMCOA: Dr Joe CC-6463W6SESE
Project No: NOBLE ENERGY/10016 PO#UWRWE-A4040-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76366-1	10/16/25	11:23	WW	10/16/25	SO	Soil	FS01-A@5'
DA76366-1A	10/16/25	11:23	WW	10/16/25	SO	Soil	FS01-A@5'
DA76366-1B	10/16/25	11:23	WW	10/16/25	SO	Soil	FS01-A@5'
DA76366-2	10/16/25	13:10	WW	10/16/25	SO	Soil	FS02-A@5'
DA76366-2A	10/16/25	13:10	WW	10/16/25	SO	Soil	FS02-A@5'
DA76366-2B	10/16/25	13:10	WW	10/16/25	SO	Soil	FS02-A@5'
DA76366-3	10/16/25	11:30	WW	10/16/25	SO	Soil	SS01-A@2.5'
DA76366-3A	10/16/25	11:30	WW	10/16/25	SO	Soil	SS01-A@2.5'
DA76366-3B	10/16/25	11:30	WW	10/16/25	SO	Soil	SS01-A@2.5'
DA76366-4	10/16/25	11:38	WW	10/16/25	SO	Soil	SS02-A@2.5'
DA76366-4A	10/16/25	11:38	WW	10/16/25	SO	Soil	SS02-A@2.5'
DA76366-4B	10/16/25	11:38	WW	10/16/25	SO	Soil	SS02-A@2.5'
DA76366-5	10/16/25	12:24	WW	10/16/25	SO	Soil	SS03-A@2.5'

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

Sample Summary
(continued)

Chevron USA, Inc.

Job No: DA76366

TASMCOA: Dr Joe CC-6463W6SESE
Project No: NOBLE ENERGY/10016 PO#UWRWE-A4040-ABN

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA76366-5A	10/16/25	12:24	WW	10/16/25	SO	Soil	SS03-A@2.5'
DA76366-5B	10/16/25	12:24	WW	10/16/25	SO	Soil	SS03-A@2.5'
DA76366-6	10/16/25	14:33	WW	10/16/25	SO	Soil	SS04-A@2.5'
DA76366-6A	10/16/25	14:33	WW	10/16/25	SO	Soil	SS04-A@2.5'
DA76366-6B	10/16/25	14:33	WW	10/16/25	SO	Soil	SS04-A@2.5'
DA76366-7	10/16/25	14:36	WW	10/16/25	SO	Soil	SS05-A@2.5'
DA76366-7A	10/16/25	14:36	WW	10/16/25	SO	Soil	SS05-A@2.5'
DA76366-7B	10/16/25	14:36	WW	10/16/25	SO	Soil	SS05-A@2.5'
DA76366-8	10/16/25	14:40	WW	10/16/25	SO	Soil	SS06-A@2.5'
DA76366-8A	10/16/25	14:40	WW	10/16/25	SO	Soil	SS06-A@2.5'
DA76366-8B	10/16/25	14:40	WW	10/16/25	SO	Soil	SS06-A@2.5'

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

Summary of Hits

Job Number: DA76366
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE
Collected: 10/16/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76366-1	**FS01-A@5'**					
Arsenic		1.4	0.16		mg/kg	SW846 6020B
Barium		36.1	1.6		mg/kg	SW846 6020B
Copper		3.7	1.6		mg/kg	SW846 6020B
Lead		4.0	0.39		mg/kg	SW846 6020B
Nickel		3.3	1.6		mg/kg	SW846 6020B
Zinc		14.7	7.8		mg/kg	SW846 6020B
pH		8.54			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.74	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-1A	**FS01-A@5'**					
Calcium		367	6.0		mg/l	SW846 6010C
Magnesium		229	3.0		mg/l	SW846 6010C
Sodium		254	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.56			ratio	USDA HANDBOOK 60
DA76366-1B	**FS01-A@5'**					
Boron		1.14	0.50		mg/l	SW846 6010C
DA76366-2	**FS02-A@5'**					
Arsenic		1.1	0.11		mg/kg	SW846 6020B
Barium		23.6	1.1		mg/kg	SW846 6020B
Copper		1.9	1.1		mg/kg	SW846 6020B
Lead		2.2	0.28		mg/kg	SW846 6020B
Nickel		1.8	1.1		mg/kg	SW846 6020B
Zinc		8.5	5.7		mg/kg	SW846 6020B
pH		8.07			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.41	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-2A	**FS02-A@5'**					
Calcium		23.3	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.250			ratio	USDA HANDBOOK 60
DA76366-2B	**FS02-A@5'**					
No hits reported in this sample.						
DA76366-3	**SS01-A@2.5'**					
Arsenic		1.4	0.13		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA76366
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE
Collected: 10/16/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Barium		42.5	1.3		mg/kg	SW846 6020B
Copper		3.3	1.3		mg/kg	SW846 6020B
Lead		3.5	0.33		mg/kg	SW846 6020B
Nickel		2.7	1.3		mg/kg	SW846 6020B
Zinc		11.9	6.6		mg/kg	SW846 6020B
pH		8.03			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.26	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-3A	**SS01-A@2.5'**					
Calcium		20.9	6.0		mg/l	SW846 6010C
Magnesium		5.88	3.0		mg/l	SW846 6010C
Sodium		23.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.18			ratio	USDA HANDBOOK 60
DA76366-3B	**SS01-A@2.5'**					
No hits reported in this sample.						
DA76366-4	**SS02-A@2.5'**					
Arsenic		2.4	0.15		mg/kg	SW846 6020B
Barium		72.0	1.5		mg/kg	SW846 6020B
Copper		6.3	1.5		mg/kg	SW846 6020B
Lead		5.3	0.38		mg/kg	SW846 6020B
Nickel		5.6	1.5		mg/kg	SW846 6020B
Zinc		23.0	7.5		mg/kg	SW846 6020B
pH		7.58			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.25	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-4A	**SS02-A@2.5'**					
Calcium		17.3	6.0		mg/l	SW846 6010C
Magnesium		4.85	3.0		mg/l	SW846 6010C
Sodium		23.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.30			ratio	USDA HANDBOOK 60
DA76366-4B	**SS02-A@2.5'**					
No hits reported in this sample.						
DA76366-5	**SS03-A@2.5'**					
Arsenic		3.2	0.16		mg/kg	SW846 6020B
Barium		96.8	1.6		mg/kg	SW846 6020B

Summary of Hits

Job Number: DA76366
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE
Collected: 10/16/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Cadmium		0.15	0.080		mg/kg	SW846 6020B
Copper		9.7	1.6		mg/kg	SW846 6020B
Lead		8.3	0.40		mg/kg	SW846 6020B
Nickel		7.7	1.6		mg/kg	SW846 6020B
Selenium		0.19	0.16		mg/kg	SW846 6020B
Zinc		31.1	8.0		mg/kg	SW846 6020B
pH		7.24			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.32	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-5A	**SS03-A@2.5'**					
Calcium		25.6	6.0		mg/l	SW846 6010C
Magnesium		7.94	3.0		mg/l	SW846 6010C
Sodium		18.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.827			ratio	USDA HANDBOOK 60
DA76366-5B	**SS03-A@2.5'**					
No hits reported in this sample.						
DA76366-6	**SS04-A@2.5'**					
Benzo(a)anthracene		0.0252	0.0054		mg/kg	SW846 8270E
Chrysene		0.0185	0.0043		mg/kg	SW846 8270E
Fluoranthene		0.0153	0.0043		mg/kg	SW846 8270E
Fluorene		0.0348	0.0043		mg/kg	SW846 8270E
Pyrene		0.0095	0.0043		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		783	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		612	6.5		mg/kg	SW846-8015C
Arsenic		2.4	0.15		mg/kg	SW846 6020B
Barium		58.8	1.5		mg/kg	SW846 6020B
Cadmium		0.11	0.076		mg/kg	SW846 6020B
Copper		6.3	1.5		mg/kg	SW846 6020B
Lead		6.6	0.38		mg/kg	SW846 6020B
Nickel		5.5	1.5		mg/kg	SW846 6020B
Zinc		22.5	7.6		mg/kg	SW846 6020B
pH		7.37			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.38	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-6A	**SS04-A@2.5'**					
Calcium		37.7	6.0		mg/l	SW846 6010C
Magnesium		8.38	3.0		mg/l	SW846 6010C
Sodium		24.2	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.928			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA76366
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE
Collected: 10/16/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA76366-6B	**SS04-A@2.5'**					
No hits reported in this sample.						
DA76366-7	**SS05-A@2.5'**					
TPH-ORO (> C28-C36)		6.69	6.6		mg/kg	SW846-8015C
Arsenic		2.6	0.16		mg/kg	SW846 6020B
Barium		63.5	1.6		mg/kg	SW846 6020B
Cadmium		0.091	0.081		mg/kg	SW846 6020B
Copper		6.9	1.6		mg/kg	SW846 6020B
Lead		5.9	0.40		mg/kg	SW846 6020B
Nickel		5.8	1.6		mg/kg	SW846 6020B
Zinc		24.3	8.1		mg/kg	SW846 6020B
pH		7.51			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.27	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-7A	**SS05-A@2.5'**					
Calcium		24.9	6.0		mg/l	SW846 6010C
Magnesium		7.96	3.0		mg/l	SW846 6010C
Sodium		27.5	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.23			ratio	USDA HANDBOOK 60
DA76366-7B	**SS05-A@2.5'**					
No hits reported in this sample.						
DA76366-8	**SS06-A@2.5'**					
Arsenic		2.0	0.20		mg/kg	SW846 6020B
Barium		54.3	2.0		mg/kg	SW846 6020B
Copper		5.5	2.0		mg/kg	SW846 6020B
Lead		5.0	0.51		mg/kg	SW846 6020B
Nickel		4.8	2.0		mg/kg	SW846 6020B
Selenium		0.22	0.20		mg/kg	SW846 6020B
Zinc		21.3	10		mg/kg	SW846 6020B
pH		7.15			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.47	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA76366-8A	**SS06-A@2.5'**					
Calcium		34.5	6.0		mg/l	SW846 6010C
Magnesium		10.5	3.0		mg/l	SW846 6010C

Summary of Hits

Job Number: DA76366
Account: Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE
Collected: 10/16/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Sodium		34.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		1.33			ratio	USDA HANDBOOK 60

DA76366-8B **SS06-A@2.5'**

No hits reported in this sample.

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

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40235.D	1	10/17/25 17:59	MB	n/a	n/a	V4V1974
Run #2							

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

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	94%		70-130%
460-00-4	4-Bromofluorobenzene	89%		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

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61317.D	1	10/18/25 03:57	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

	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	< 0.0043	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	< 0.0021	0.0021	mg/kg	
129-00-0	Pyrene	< 0.0043	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	74%		22-138%
4165-60-0	Nitrobenzene-d5	76%		32-143%
1718-51-0	Terphenyl-d14	75%		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

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96253.D	1	10/19/25 17:11	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.9	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	83%		20-142%

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

Report of Analysis

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.4	0.16	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	36.1	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.078	0.078	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.7	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	4.0	0.39	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.3	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.16	0.16	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.078	0.078	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	14.7	7.8	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	86.3		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	8.54		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.74	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.46	0.46	mg/kg	1	10/21/25 13:07	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	367	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	229	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	254	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.56		ratio	1	10/22/25 15:00	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS01-A@5'		
Lab Sample ID:	DA76366-1B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	86.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	1.14	0.50	mg/l	1	10/17/25	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40229.D	1	10/17/25 15:44	MB	n/a	n/a	V4V1974
Run #2							

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

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	85%		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

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61318.D	1	10/18/25 04:23	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

	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	< 0.0038	0.0038	mg/kg	
120-12-7	Anthracene	< 0.0038	0.0038	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0048	0.0048	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0038	0.0038	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0038	0.0038	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0038	0.0038	mg/kg	
218-01-9	Chrysene	< 0.0038	0.0038	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0038	0.0038	mg/kg	
206-44-0	Fluoranthene	< 0.0038	0.0038	mg/kg	
86-73-7	Fluorene	< 0.0038	0.0038	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0038	0.0038	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0038	0.0038	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0038	0.0038	mg/kg	
91-20-3	Naphthalene	< 0.0019	0.0019	mg/kg	
129-00-0	Pyrene	< 0.0038	0.0038	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	90%		22-138%
4165-60-0	Nitrobenzene-d5	86%		32-143%
1718-51-0	Terphenyl-d14	91%		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

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96254.D	1	10/19/25 17:24	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.0	4.0	mg/kg	
	TPH-ORO (> C28-C36)	< 5.9	5.9	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

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.1	0.11	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	23.6	1.1	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.057	0.057	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	1.9	1.1	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	2.2	0.28	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	1.8	1.1	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.11	0.11	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.057	0.057	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	8.5	5.7	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	96.6		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	8.07		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.41	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.42	0.42	mg/kg	1	10/21/25 13:39	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	23.3	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	< 3.0	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	< 6.0	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.250		ratio	1	10/22/25 15:02	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FS02-A@5'		
Lab Sample ID:	DA76366-2B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	96.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40230.D	1	10/17/25 16:06	MB	n/a	n/a	V4V1974
Run #2							

	Initial Weight	Final Volume
Run #1	5.35 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.00098	0.00098	mg/kg	
100-41-4	Ethylbenzene	< 0.0020	0.0020	mg/kg	
108-88-3	Toluene	< 0.0020	0.0020	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	< 0.0020	0.0020	mg/kg	
	m,p-Xylene	< 0.0020	0.0020	mg/kg	
95-47-6	o-Xylene	< 0.0020	0.0020	mg/kg	
1330-20-7	Xylene (total)	< 0.0020	0.0020	mg/kg	
	TPH-GRO (C6-C10)	< 0.20	0.20	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%
17060-07-0	1,2-Dichloroethane-D4	106%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61319.D	1	10/18/25 04:50	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

	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	< 0.0039	0.0039	mg/kg	
120-12-7	Anthracene	< 0.0039	0.0039	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0049	0.0049	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0039	0.0039	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0039	0.0039	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0039	0.0039	mg/kg	
218-01-9	Chrysene	< 0.0039	0.0039	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0039	0.0039	mg/kg	
206-44-0	Fluoranthene	< 0.0039	0.0039	mg/kg	
86-73-7	Fluorene	< 0.0039	0.0039	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0039	0.0039	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0039	0.0039	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0039	0.0039	mg/kg	
91-20-3	Naphthalene	< 0.0020	0.0020	mg/kg	
129-00-0	Pyrene	< 0.0039	0.0039	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	88%		22-138%
4165-60-0	Nitrobenzene-d5	84%		32-143%
1718-51-0	Terphenyl-d14	84%		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

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96255.D	1	10/19/25 17:38	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.2	4.2	mg/kg	
	TPH-ORO (> C28-C36)	< 6.2	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		20-142%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.4	0.13	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	42.5	1.3	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.066	0.066	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	3.3	1.3	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	3.5	0.33	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	2.7	1.3	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.13	0.13	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.066	0.066	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	11.9	6.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	94.9		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	8.03		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.26	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.41	0.41	mg/kg	1	10/21/25 13:55	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	20.9	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	5.88	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	23.7	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.18		ratio	1	10/22/25 15:03	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS01-A@2.5'		
Lab Sample ID:	DA76366-3B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	94.9
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40236.D	1	10/17/25 18:22	MB	n/a	n/a	V4V1974
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	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	97%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61320.D	1	10/18/25 05:16	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0042	0.0042	mg/kg	
120-12-7	Anthracene	< 0.0042	0.0042	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0052	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	104%		22-138%
4165-60-0	Nitrobenzene-d5	94%		32-143%
1718-51-0	Terphenyl-d14	93%		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

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96256.D	1	10/19/25 17:52	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	93%		20-142%

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

Report of Analysis

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.4	0.15	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	72.0	1.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.075	0.075	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.3	1.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.3	0.38	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.6	1.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.15	0.15	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.075	0.075	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	23.0	7.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.6		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	7.58		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.25	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	10/21/25 14:03	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	17.3	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	4.85	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	23.8	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.30		ratio	1	10/22/25 15:04	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS02-A@2.5'		
Lab Sample ID:	DA76366-4B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.6
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40237.D	1	10/17/25 18:44	MB	n/a	n/a	V4V1974
Run #2							

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

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	90%		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

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61321.D	1	10/18/25 05:43	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

COGCC Table 915-1 PAH List

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	83%		22-138%
4165-60-0	Nitrobenzene-d5	84%		32-143%
1718-51-0	Terphenyl-d14	75%		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

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96257.D	1	10/19/25 18:05	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	4.6	mg/kg	
	TPH-ORO (> C28-C36)	< 6.9	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		20-142%

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

Report of Analysis

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.2	0.16	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	96.8	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.15	0.080	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	9.7	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.3	0.40	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	7.7	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.19	0.16	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.080	0.080	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	31.1	8.0	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	85		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	7.24		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.32	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	10/21/25 14:19	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	25.6	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	7.94	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	18.7	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.827		ratio	1	10/22/25 15:06	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS03-A@2.5'		
Lab Sample ID:	DA76366-5B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	85.0
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40238.D	1	10/17/25 19:06	MB	n/a	n/a	V4V1974
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 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	96%		70-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61322.D	1	10/18/25 06:09	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	0.0252	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	0.0185	0.0043	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0043	0.0043	mg/kg	
206-44-0	Fluoranthene	0.0153	0.0043	mg/kg	
86-73-7	Fluorene	0.0348	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	0.0095	0.0043	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	76%		22-138%
4165-60-0	Nitrobenzene-d5	77%		32-143%
1718-51-0	Terphenyl-d14	75%		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

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96258.D	1	10/19/25 18:19	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	783	4.3	mg/kg	
	TPH-ORO (> C28-C36)	612	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		20-142%

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

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.4	0.15	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	58.8	1.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.11	0.076	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.3	1.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	6.6	0.38	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.5	1.5	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.15	0.15	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.076	0.076	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	22.5	7.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	90.3		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	7.37		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.38	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	10/21/25 14:43	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	37.7	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	8.38	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	24.2	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.928		ratio	1	10/22/25 15:07	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS04-A@2.5'		
Lab Sample ID:	DA76366-6B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	90.3
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40239.D	1	10/17/25 19:29	MB	n/a	n/a	V4V1974
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	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	95%		70-130%
460-00-4	4-Bromofluorobenzene	92%		70-130%
17060-07-0	1,2-Dichloroethane-D4	103%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61323.D	1	10/18/25 06:36	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0043	0.0043	mg/kg	
120-12-7	Anthracene	< 0.0043	0.0043	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0054	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	80%		22-138%
4165-60-0	Nitrobenzene-d5	81%		32-143%
1718-51-0	Terphenyl-d14	72%		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

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96259.D	1	10/19/25 18:33	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	6.69	6.6	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

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.6	0.16	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	63.5	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.091	0.081	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.9	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.9	0.40	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	5.8	1.6	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.16	0.16	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.081	0.081	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	24.3	8.1	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	89.1		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	7.51		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.27	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.45	0.45	mg/kg	1	10/21/25 14:58	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	24.9	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	7.96	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	27.5	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.23		ratio	1	10/22/25 15:09	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS05-A@2.5'		
Lab Sample ID:	DA76366-7B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	89.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8260D	**Percent Solids:**	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V40240.D	1	10/17/25 19:51	MB	n/a	n/a	V4V1974
Run #2							

	Initial Weight	Final Volume
Run #1	5.33 g	5.0 ml
Run #2		

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%
17060-07-0	1,2-Dichloroethane-D4	104%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G61324.D	1	10/18/25 07:02	TH	10/17/25 15:00	OP28967	E3G2940
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0045	0.0045	mg/kg	
120-12-7	Anthracene	< 0.0045	0.0045	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0057	0.0057	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0045	0.0045	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0045	0.0045	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0045	0.0045	mg/kg	
218-01-9	Chrysene	< 0.0045	0.0045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0045	0.0045	mg/kg	
206-44-0	Fluoranthene	< 0.0045	0.0045	mg/kg	
86-73-7	Fluorene	< 0.0045	0.0045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0045	0.0045	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0045	0.0045	mg/kg	
91-20-3	Naphthalene	< 0.0023	0.0023	mg/kg	
129-00-0	Pyrene	< 0.0045	0.0045	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	95%		22-138%
4165-60-0	Nitrobenzene-d5	96%		32-143%
1718-51-0	Terphenyl-d14	74%		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

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FN96260.D	1	10/19/25 18:46	JB	10/17/25 15:00	OP28969	GFN533
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.4	4.4	mg/kg	
	TPH-ORO (> C28-C36)	< 6.7	6.7	mg/kg	

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

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

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	2.0	0.20	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	54.3	2.0	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	< 0.10	0.10	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.5	2.0	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	5.0	0.51	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.8	2.0	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	0.22	0.20	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.10	0.10	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	21.3	10	mg/kg	10	10/17/25	10/22/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19751
(2) Prep QC Batch: MP43710

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	88.1		%	1	10/17/25	AZ	SM2540G-2011 M
pH-saturated paste method							
pH	7.15		su	1	10/20/25 09:11	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.47	0.0010	mmhos/cm	1	10/20/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	10/21/25 15:30	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	34.5	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	10.5	3.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	34.7	6.0	mg/l	1	10/19/25	10/22/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19758
(2) Prep QC Batch: MP43752

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8A	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	1.33		ratio	1	10/22/25 15:10	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SS06-A@2.5'		
Lab Sample ID:	DA76366-8B	**Date Sampled:**	10/16/25
Matrix:	SO - Soil	**Date Received:**	10/16/25
		Percent Solids:	88.1
Project:	TASMCOA: Dr Joe CC-6463W6SESE		

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	10/18/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19739
(2) Prep QC Batch: MP43709

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS

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

Page 1 of 1

Bottle Order Control #	FED-EX Tracking #
SGS Quote #	SGS Job # DA76366

Client / Reporting Information

Company: Tasman, Inc.
Street: 4725 Independence St.
City, State ZIP: Wheat Ridge, CO 80033
Project Contact: Eric Vonde
Phone: (303) 487-1228
Email: tas-chevron-5@tasman-geo.com / rsueu027@chevron.com/ danpeterson@chevron.com/ evonde@tasman-geo.com
Sampler(s) Name(s): WYATT WADLEIGH

Project Information

Project Name: DRJOECC-6463W65ESE
Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐
Street:
City, State ZIP:
Project #: 10016
Client Purchase Order #: UWRWE-A4048-ABN
Project Manager: Eric Vonde

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

Field ID / Point of Collection	Date	Time	Sampled by	Matrix	# of bottles	NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	Na2SO3	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Hold	LAB USE ONLY
1 FS01-A@5'	10/16/25	1123	ww	So	3	X										X	X	X	X	X			
2 FS02-A@5'		1310																					
3 SS01-A@2.5'		1130																					
4 SS02-A@2.5'		1138																					
5 SS03-A@2.5'		1224																					
6 SS04-A@2.5'		1433																					
7 SS05-A@2.5'		1436																					
8 SS06-A@2.5'		1440																					

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

Turnaround Time (Business days)

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

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

Special Reporting Instructions

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

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sample/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 WW	10/16/25 17:07	1 10/16/25 19:45	2		2
Relinquished by/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
3		3	4		4

Custody Seal #: Intact ☒ Not Intact ☐ Absent ☐
Preserved where applicable ☐ Cooler Temp. °C (corrected): 3.5 Therm. ID: 100 On Ice ☒

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

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

SGS Sample Receipt Summary

Job Number: da76366 **Client:** TASMAN **Project:** DR JOE 6463W65ESE

Date / Time Received: 10/16/2025 7:00:00 PM **Delivery Method:** co **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (4.0);

Cooler Temps (Corrected) °C: Cooler 1: (4.0);

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

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

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

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

Misc Information

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

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

Residual Chlorine Test Strip Lot

Comments 8260 samples will be in freezer by 7PM.

SM001
Rev. Date 05/04/17

Technician: JEREMYD Date: 10/16/2025 7:03:26 PM Reviewer: Date:

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1974-MB	4V40228.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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	97%	70-130%
2037-26-5	Toluene-D8	93%	70-130%
460-00-4	4-Bromofluorobenzene	86%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%

Blank Spike Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1974-BS	4V40226.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	47.8	96	70-130
100-41-4	Ethylbenzene	50	53.4	107	70-130
108-88-3	Toluene	50	51.5	103	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.2	110	70-134
108-67-8	1,3,5-Trimethylbenzene	50	56.2	112	70-134
	m,p-Xylene	100	107	107	70-130
95-47-6	o-Xylene	50	56.7	113	70-136
1330-20-7	Xylene (total)	150	164	109	70-131

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	89%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	104%	70-130%
17060-07-0	1,2-Dichloroethane-D4	105%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1974-BS	4V40227.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1420	71	64-144

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	90%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	90%	70-130%
17060-07-0	1,2-Dichloroethane-D4	100%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76366-2MS	4V40231.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-2MSD	4V40232.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-2	4V40229.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	DA76366-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.0		50.2	48.9	97	51.1	50.9	100	4	44-150/44
100-41-4	Ethylbenzene	< 2.0		50.2	55.4	110	51.1	56.3	110	2	41-149/49
108-88-3	Toluene	< 2.0		50.2	52.0	104	51.1	52.9	103	2	40-149/47
95-63-6	1,2,4-Trimethylbenzene	< 2.0		50.2	60.5	121	51.1	58.6	115	3	26-164/57
108-67-8	1,3,5-Trimethylbenzene	< 2.0		50.2	62.6	125	51.1	59.6	117	5	30-161/60
	m,p-Xylene	< 2.0		100	112	112	102	113	110	1	36-152/49
95-47-6	o-Xylene	< 2.0		50.2	59.6	119	51.1	58.9	115	1	33-168/49
1330-20-7	Xylene (total)	< 2.0		150	171	114	153	172	112	1	36-157/49

CAS No.	Surrogate Recoveries	MS	MSD	DA76366-2	Limits
1868-53-7	Dibromofluoromethane	95%	94%	99%	70-130%
2037-26-5	Toluene-D8	101%	100%	95%	70-130%
460-00-4	4-Bromofluorobenzene	108%	109%	85%	70-130%
17060-07-0	1,2-Dichloroethane-D4	104%	109%	108%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA76366-3MS	4V40233.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-3MSD	4V40234.D	1	10/17/25	MB	n/a	n/a	V4V1974
DA76366-3	4V40230.D	1	10/17/25	MB	n/a	n/a	V4V1974

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	DA76366-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	< 200		1930	1550	80	2050	1590	78	3	18-158/83

CAS No.	Surrogate Recoveries	MS	MSD	DA76366-3	Limits
1868-53-7	Dibromofluoromethane	93%	93%	96%	70-130%
2037-26-5	Toluene-D8	96%	96%	95%	70-130%
460-00-4	4-Bromofluorobenzene	92%	91%	87%	70-130%
17060-07-0	1,2-Dichloroethane-D4	103%	102%	106%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

6

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	DA76392-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 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: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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%

Blank Spike Summary

Job Number: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	DA76392-3 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-DRO (C10-C28)	< 4.0		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: DA76366
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

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

DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

CAS No.	Compound	DA76392-4 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 6.0		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

QC Data Summaries

Includes the following where applicable:

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709
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	4.0	<250
Cadmium	50	1.1	6.5		
Calcium	2000	28	250		
Chromium	50	3.4	6.5		
Cobalt	25	4.1	3.2		
Copper	50	2.5	6.5		
Iron	350	9.3	60		
Lead	250	21	32		
Lithium	25	10	6.5		
Magnesium	1000	35	130		
Manganese	25	.85	3.2		
Molybdenum	50	13	14		
Nickel	150	5.7	19		
Phosphorus	500	58	80		
Potassium	5000	180	630		
Selenium	250	46	110		
Silicon	1000	210	750		
Silver	150	2.8	19		
Sodium	2000	43	250		
Strontium	25	.5	3.2		
Thallium	50	30	22		
Tin	300	17	260		
Titanium	50	2.2	6.5		
Uranium	250	57	43		
Vanadium	50	5.2	6.5		
Zinc	150	3.4	19		

Associated samples MP43709: DA76366-1B, DA76366-2B, DA76366-3B, DA76366-4B, DA76366-5B, DA76366-6B, DA76366-7B, DA76366-8B

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/17/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date:			10/17/25					10/17/25	
Metal	DA76366-8B Original	DUP	RPD	QC Limits	DA76366-8B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	240	272	12.5	0-20	240	10500	10000	102.6	75-125
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Uranium									
Vanadium									
Zinc									

Associated samples MP43709: DA76366-1B, DA76366-2B, DA76366-3B, DA76366-4B, DA76366-5B, DA76366-6B, DA76366-7B, DA76366-8B

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

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

Metal	DA76366-8B Original DUP	RPD	QC Limits	DA76366-8B Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	8890	10000	88.9	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 MP43709: DA76366-1B, DA76366-2B, DA76366-3B, DA76366-4B, DA76366-5B, DA76366-6B, DA76366-7B, DA76366-8B

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/17/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/17/25

Metal	DA76366-8B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	47.9	43.2	9.8	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 MP43709: DA76366-1B, DA76366-2B, DA76366-3B, DA76366-4B, DA76366-5B, DA76366-6B, DA76366-7B, DA76366-8B

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43709
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/17/25

	DA76366-8B		QC
Metal	Original SDL 1:5	%DIF	Limits

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43710 Methods: SW846 6020B
Matrix Type: SOLID 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	-0.0033	<0.20
Barium	2.0	.096	.24	0.071	<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	0.12	<2.0
Iron	20	1.6	15		
Lead	0.50	.094	.2	-0.0087	<0.50
Magnesium	100	10	10		
Manganese	1.0	.079	.2		
Molybdenum	1.0	.037	.27		
Nickel	2.0	.098	.2	0.031	<2.0
Phosphorus	60	7.6	25		
Potassium	200	2	25		
Selenium	0.20	.05	.05	-0.00031	<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	0.61	<10

Associated samples MP43710: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43710 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/17/25

Metal	DA76366-8 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.0	85.0	88	94.3	75-125
Barium	54.3	267	176	120.9	75-125
Beryllium					
Boron					
Cadmium	0.087	43.4	44	98.4	75-125
Calcium					
Chromium					
Cobalt					
Copper	5.5	50.8	44	103.0	75-125
Iron					
Lead	5.0	95.0	88	102.3	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	4.8	50.3	44	103.4	75-125
Phosphorus					
Potassium					
Selenium	0.22	81.0	88	91.8	75-125
Silver	0.021	17.4	17.6	98.8	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	21.3	79.6	44	132.5N(a	75-125

Associated samples MP43710: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43710 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 10/17/25

Metal	DA76366-8 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.0	76.0	76.7	96.5	11.2	20
Barium	54.3	231	153	115.2	14.5	20
Beryllium						
Boron						
Cadmium	0.087	39.7	38.3	103.3	8.9	20
Calcium						
Chromium						
Cobalt						
Copper	5.5	45.4	38.3	104.0	11.2	20
Iron						
Lead	5.0	85.3	76.7	104.7	10.8	20
Magnesium						
Manganese						
Molybdenum						
Nickel	4.8	44.6	38.3	103.8	12.0	20
Phosphorus						
Potassium						
Selenium	0.22	75.1	76.7	97.6	7.6	20
Silver	0.021	15.8	15.3	102.9	9.6	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	21.3	69.6	38.3	126.0N(a	13.4	20

Associated samples MP43710: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43710
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	101	100	101.0	80-120
Barium	198	200	99.0	80-120
Beryllium				
Boron				
Cadmium	50.7	50	101.4	80-120
Calcium				
Chromium				
Cobalt				
Copper	51.4	50	102.8	80-120
Iron				
Lead	103	100	103.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	51.1	50	102.2	80-120
Phosphorus				
Potassium				
Selenium	100	100	100.0	80-120
Silver	20.2	20	101.0	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	51.1	50	102.2	80-120

Associated samples MP43710: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43710 Methods: SW846 6020B
Matrix Type: SOLID Units: ug/l

Prep Date: 10/17/25

Metal	DA76366-8 Original	SDL 10:50	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	20.0	19.1	4.9	0-20
Barium	536	514	4.0	0-20
Beryllium				
Boron				
Cadmium	0.854	0.00	100.0(a)	0-20
Calcium				
Chromium				
Cobalt				
Copper	54.5	52.3	3.9	0-20
Iron				
Lead	48.9	45.6	6.8	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	47.7	44.3	7.1	0-20
Phosphorus				
Potassium				
Selenium	2.14	0.00	100.0(a)	0-20
Silver	0.210	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	210	197	6.3	0-20

Associated samples MP43710: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/19/25

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	-1200	<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	-62	<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	-110	<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 MP43752: DA76366-1A, DA76366-2A, DA76366-3A, DA76366-4A, DA76366-5A, DA76366-6A, DA76366-7A, DA76366-8A

Results < IDL are shown as zero for calculation purposes

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	RL	IDL	MDL	MB raw	final

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76359-4A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	65900	460000	375000	105.1	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	24300	411000	375000	103.1	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	151000	532000	375000	101.6	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP43752: DA76366-1A, DA76366-2A, DA76366-3A, DA76366-4A, DA76366-5A, DA76366-6A, DA76366-7A, DA76366-8A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76359-4A Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76359-4A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	65900	485000	375000	111.8	5.3	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	24300	435000	375000	109.5	5.7	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	151000	565000	375000	110.4	6.0	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP43752: DA76366-1A, DA76366-2A, DA76366-3A, DA76366-4A, DA76366-5A, DA76366-6A, DA76366-7A, DA76366-8A

Results < IDL are shown as zero for calculation purposes

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76359-4A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

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

8.3.2
8

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	389000	375000	103.7	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	384000	375000	102.4	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	387000	375000	103.2	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43752: DA76366-1A, DA76366-2A, DA76366-3A, DA76366-4A, DA76366-5A, DA76366-6A, DA76366-7A, DA76366-8A

Results < IDL are shown as zero for calculation purposes

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 10/19/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

Metal	DA76359-4A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4390	4150	5.5	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	1620	1600	1.5	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	10100	10200	1.4	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP43752: DA76366-1A, DA76366-2A, DA76366-3A, DA76366-4A, DA76366-5A, DA76366-6A, DA76366-7A, DA76366-8A

Results < IDL are shown as zero for calculation purposes

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

QC Batch ID: MP43752 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 10/19/25

	DA76359-4A		QC
Metal	Original SDL 1:5	%DIF	Limits

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

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: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39761/GN69973			mmhos/cm	1.409	1.4	100.8	90-110%

Associated Samples:
Batch GP39761: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76366
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Dr Joe CC-6463W6SESE

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39761/GN69973	DA76366-1	mmhos/cm	0.74	0.72	2.8	0-20%
pH	GN69972	DA76366-1	su	8.54	8.52	0.2	0-5%

Associated Samples:
Batch GN69972: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8
Batch GP39761: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

SGS

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

ESS Tracking # 7444-9679-1089 | Bottle Order Control #
SGS Quote # | SGS Job # DA76366

Client / Reporting Information	Project Information	Requested Analysis (see TEST CODE sheet)	Matrix Codes
Company Name: SGS North America Inc.	Project Name: TASMCOA: Drjoecc-6463W65SESE		DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL- Sludge SED-Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB-Field Blank EB-Equipment Blank RB- Rinse Blank TB-Trip Blank
Street Address: 4036 Youngfield Street	Street:	Billing Information (if different from Report to)	
City: Wheat Ridge, State: CO Zip: 8003	City: State:	Company Name:	
Project Contact: parna.eskandaripayandeh@sgs.com E-mail:	Project #:	Street Address:	
Phone #: 303-425-6021 Fax #:	Client Purchase Order #:	City: State: Zip:	
Sampler(s) Name(s): WW Phone:	Project Manager:	Attention:	

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199	LAB USE ONLY
1	FS01-A@5'		10/16/25	11:23:00 AM	WW	SO										X	
2	FS02-A@5'		10/16/25	1:10:00 PM	WW	SO										X	
3	SS01-A@2.5'		10/16/25	11:30:00 AM	WW	SO										X	
4	SS02-A@2.5'		10/16/25	11:38:00 AM	WW	SO										X	
5	SS03-A@2.5'		10/16/25	12:24:00 PM	WW	SO										X	
6	SS04-A@2.5'		10/16/25	2:33:00 PM	WW	SO										X	
7	SS05-A@2.5'		10/16/25	2:36:00 PM	WW	SO										X	
8	SS06-A@2.5'		10/16/25	2:40:00 PM	WW	SO										X	

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 10/17/2025

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

Data Deliverable Information

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

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

Comments / Special Instructions

DJ-1B

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

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

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		10/17/25	Fedex	Fedex	10/18	
2					10:06	
3						
4						
5				Custody Seal #	Intact / Not intact	Preserved where applicable / Therm. ID: / On Ice: 6 / Cooler Temp: 2.4

10.1 10

DA76366: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA76366 **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:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

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

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

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

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

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

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

Comments

SM089-03
Rev. Date 12/7/17

10.1
10

DA76366: Chain of Custody
Page 2 of 2

General Chemistry

QC Data Summaries

(SGS Dayton, NJ)

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76366
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Drjoecc-6463W65SESE

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: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76366
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Drjoecc-6463W65SESE

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: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8
(*) Outside of QC limits
(a) RPD acceptable due to low duplicate and sample concentrations.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA76366
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: TASMCOA: Drjoecc-6463W65SESE

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: DA76366-1, DA76366-2, DA76366-3, DA76366-4, DA76366-5, DA76366-6, DA76366-7, DA76366-8
(*) 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.