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

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Automated Report

Technical Report for

Chevron USA, Inc.

TASMCOA: Shable Federal LB 33-78HN

10717

SGS Job Number: DA74683

Sampling Date: 08/25/25

Report to:

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

ATTN: Eric Vonde

Total number of pages in report: 99

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

Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021
Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

September 18, 2025

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

Subject: Report Reissue for SGS Job: DA74683

Dear Kristofer Shepherd,

This revised report reflects an updated sample ID for DA74683-4.

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

Sincerely,

Eric Hoffman
General Manager

Table of Contents

Sample Summary

Chevron USA, Inc.

Job No: DA74683

TASMCOA: Shable Federal LB 33-78HN
Project No: 10717

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
DA74683-1	08/25/25	13:00	EC	08/26/25	SO	Soil	FL01-01@2.5'
DA74683-1A	08/25/25	13:00	EC	08/26/25	SO	Soil	FL01-01@2.5'
DA74683-1B	08/25/25	13:00	EC	08/26/25	SO	Soil	FL01-01@2.5'
DA74683-2	08/25/25	13:05	EC	08/26/25	SO	Soil	FL01-02@2.5'
DA74683-2A	08/25/25	13:05	EC	08/26/25	SO	Soil	FL01-02@2.5'
DA74683-2B	08/25/25	13:05	EC	08/26/25	SO	Soil	FL01-02@2.5'
DA74683-3	08/25/25	13:13	EC	08/26/25	SO	Soil	FL01-03@2.5'
DA74683-3A	08/25/25	13:13	EC	08/26/25	SO	Soil	FL01-03@2.5'
DA74683-3B	08/25/25	13:13	EC	08/26/25	SO	Soil	FL01-03@2.5'
DA74683-4	08/25/25	13:20	EC	08/26/25	SO	Soil	FL01R-W@4'
DA74683-4A	08/25/25	13:20	EC	08/26/25	SO	Soil	FL01R-W@4'
DA74683-4B	08/25/25	13:20	EC	08/26/25	SO	Soil	FL01R-W@4'

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

Summary of Hits

Job Number: DA74683
Account: Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN
Collected: 08/25/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74683-1	**FL01-01@2.5'**					
Arsenic		3.6	0.11		mg/kg	SW846 6020B
Barium		263	1.1		mg/kg	SW846 6020B
Cadmium		0.12	0.057		mg/kg	SW846 6020B
Copper		4.5	1.1		mg/kg	SW846 6020B
Lead		10.9	0.28		mg/kg	SW846 6020B
Nickel		3.0	1.1		mg/kg	SW846 6020B
Zinc		13.4	5.7		mg/kg	SW846 6020B
pH		7.92			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.61	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74683-1A	**FL01-01@2.5'**					
Calcium		80.7	6.0		mg/l	SW846 6010C
Magnesium		8.18	3.0		mg/l	SW846 6010C
Sodium		71.7	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		2.03			ratio	USDA HANDBOOK 60
DA74683-1B	**FL01-01@2.5'**					
No hits reported in this sample.						
DA74683-2	**FL01-02@2.5'**					
TPH-DRO (C10-C28)		8.01	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		8.37	6.4		mg/kg	SW846-8015C
Arsenic		3.5	0.12		mg/kg	SW846 6020B
Barium		259	1.2		mg/kg	SW846 6020B
Cadmium		0.13	0.059		mg/kg	SW846 6020B
Copper		4.9	1.2		mg/kg	SW846 6020B
Lead		8.6	0.30		mg/kg	SW846 6020B
Nickel		3.6	1.2		mg/kg	SW846 6020B
Zinc		13.5	5.9		mg/kg	SW846 6020B
pH		7.60			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.8	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74683-2A	**FL01-02@2.5'**					
Calcium		146	6.0		mg/l	SW846 6010C
Magnesium		22.9	3.0		mg/l	SW846 6010C
Sodium		236	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		4.79			ratio	USDA HANDBOOK 60

Summary of Hits

Job Number: DA74683
Account: Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN
Collected: 08/25/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74683-2B	**FL01-02@2.5'**					
No hits reported in this sample.						
DA74683-3	**FL01-03@2.5'**					
Fluorene		0.0052	0.0049		mg/kg	SW846 8270E
1-Methylnaphthalene		0.0163	0.0049		mg/kg	SW846 8270E
2-Methylnaphthalene		0.0134	0.0049		mg/kg	SW846 8270E
TPH-DRO (C10-C28)		14.5	4.3		mg/kg	SW846-8015C
TPH-ORO (> C28-C36)		16.4	6.5		mg/kg	SW846-8015C
Arsenic		3.7	0.12		mg/kg	SW846 6020B
Barium		332	1.2		mg/kg	SW846 6020B
Cadmium		0.15	0.059		mg/kg	SW846 6020B
Copper		5.6	1.2		mg/kg	SW846 6020B
Lead		8.6	0.29		mg/kg	SW846 6020B
Nickel		4.5	1.2		mg/kg	SW846 6020B
Zinc		16.3	5.9		mg/kg	SW846 6020B
pH		7.86			su	WREP-125,4E-SATPASTE
Specific Conductivity		1.0	0.0010		mmhos/cm	SM 2510B-2011 MOD
DA74683-3A	**FL01-03@2.5'**					
Calcium		75.9	6.0		mg/l	SW846 6010C
Magnesium		11.2	3.0		mg/l	SW846 6010C
Sodium		161	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		4.56			ratio	USDA HANDBOOK 60
DA74683-3B	**FL01-03@2.5'**					
No hits reported in this sample.						
DA74683-4	**FL01R-W@4'**					
Arsenic		3.0	0.12		mg/kg	SW846 6020B
Barium		424	1.2		mg/kg	SW846 6020B
Cadmium		0.15	0.060		mg/kg	SW846 6020B
Copper		6.2	1.2		mg/kg	SW846 6020B
Lead		13.2	0.30		mg/kg	SW846 6020B
Nickel		4.1	1.2		mg/kg	SW846 6020B
Zinc		16.5	6.0		mg/kg	SW846 6020B
pH		7.92			su	WREP-125,4E-SATPASTE
Specific Conductivity		0.44	0.0010		mmhos/cm	SM 2510B-2011 MOD

Summary of Hits

Job Number: DA74683
Account: Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN
Collected: 08/25/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
DA74683-4A	**FL01R-W@4'**					
Calcium		3140	6.0		mg/l	SW846 6010C
Magnesium		635	3.0		mg/l	SW846 6010C
Sodium		92.8	6.0		mg/l	SW846 6010C
Sodium Adsorption Ratio [a]		0.395			ratio	USDA HANDBOOK 60
DA74683-4B	**FL01R-W@4'**					
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:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8260B	**Percent Solids:**	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V38375.D	1	08/29/25 19:42	MB	n/a	n/a	V4V1911
Run #2							

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

VOA COGCC Table 915 soil list

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

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	119%		70-130%
2037-26-5	Toluene-D8	88%		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:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G59620.D	1	08/31/25 20:12	TH	08/30/25 14:45	OP28420	E3G2882
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	< 0.0047	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	< 0.0023	0.0023	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%		10-130%
4165-60-0	Nitrobenzene-d5	94%		10-130%
1718-51-0	Terphenyl-d14	118%		10-130%

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

Report of Analysis

Client Sample ID:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP084979.D	1	09/02/25 18:07	JB	08/30/25 15:00	OP28421	GFP2475
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	< 4.6	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	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: FL01-01@2.5'
Lab Sample ID: DA74683-1
Matrix: SO - Soil
Project: TASMCOA: Shable Federal LB 33-78HN

Date Sampled: 08/25/25
Date Received: 08/26/25
Percent Solids: 82.1

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.6	0.11	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	263	1.1	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.12	0.057	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.5	1.1	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	10.9	0.28	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.0	1.1	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.23	0.23	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.057	0.057	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.4	5.7	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19547
(2) Prep QC Batch: MP42585

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	82.1		%	1	08/27/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.92		su	1	09/04/25 10:13	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.61	0.0010	mmhos/cm	1	09/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	09/10/25 15:52	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	80.7	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	8.18	3.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	71.7	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42611

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	2.03		ratio	1	08/29/25 20:16	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-01@2.5'		
Lab Sample ID:	DA74683-1B	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	82.1
Project:	TASMCOA: Shable Federal LB 33-78HN		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42584

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8260B	**Percent Solids:**	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V38376.D	1	08/29/25 20:04	MB	n/a	n/a	V4V1911
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	< 0.0011	0.0011	mg/kg	
100-41-4	Ethylbenzene	< 0.0023	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	119%		70-130%
2037-26-5	Toluene-D8	88%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%
17060-07-0	1,2-Dichloroethane-D4	110%		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:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G59621.D	1	08/31/25 20:39	TH	08/30/25 14:45	OP28420	E3G2882
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	97%		10-130%
4165-60-0	Nitrobenzene-d5	100%		10-130%
1718-51-0	Terphenyl-d14	117%		10-130%

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

Report of Analysis

Client Sample ID:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP084980.D	1	09/02/25 18:19	JB	08/30/25 15:00	OP28421	GFP2475
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	8.01	4.3	mg/kg	
	TPH-ORO (> C28-C36)	8.37	6.4	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:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.5	0.12	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	259	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.13	0.059	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	4.9	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.6	0.30	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	3.6	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.059	0.059	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	13.5	5.9	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19547
(2) Prep QC Batch: MP42585

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	83.8		%	1	08/27/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.60		su	1	09/04/25 10:13	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.8	0.0010	mmhos/cm	1	09/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.47	0.47	mg/kg	1	09/10/25 16:00	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	146	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	22.9	3.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	236	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42611

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.79		ratio	1	08/29/25 20:17	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:	FL01-02@2.5'		
Lab Sample ID:	DA74683-2B	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	83.8
Project:	TASMCOA: Shable Federal LB 33-78HN		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42584

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8260D	**Percent Solids:**	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V63510.D	1	08/30/25 12:25	MB	n/a	n/a	V6V3007
Run #2							

	Initial Weight	Final Volume
Run #1	5.37 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	115%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%
17060-07-0	1,2-Dichloroethane-D4	102%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G59622.D	1	08/31/25 21:06	TH	08/30/25 14:45	OP28420	E3G2882
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	< 0.0049	0.0049	mg/kg	
120-12-7	Anthracene	< 0.0049	0.0049	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0061	0.0061	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0049	0.0049	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0049	0.0049	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0049	0.0049	mg/kg	
218-01-9	Chrysene	< 0.0049	0.0049	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0049	0.0049	mg/kg	
206-44-0	Fluoranthene	< 0.0049	0.0049	mg/kg	
86-73-7	Fluorene	0.0052	0.0049	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0049	0.0049	mg/kg	
90-12-0	1-Methylnaphthalene	0.0163	0.0049	mg/kg	
91-57-6	2-Methylnaphthalene	0.0134	0.0049	mg/kg	
91-20-3	Naphthalene	< 0.0025	0.0025	mg/kg	
129-00-0	Pyrene	< 0.0049	0.0049	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	99%		10-130%
4165-60-0	Nitrobenzene-d5	97%		10-130%
1718-51-0	Terphenyl-d14	109%		10-130%

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

Report of Analysis

Client Sample ID:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP084981.D	1	09/02/25 18:30	JB	08/30/25 15:00	OP28421	GFP2475
Run #2							

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

DRO C10-C28, ORO > C28-C36

CAS No.	Compound	Result	RL	Units	Q
	TPH-DRO (C10-C28)	14.5	4.3	mg/kg	
	TPH-ORO (> C28-C36)	16.4	6.5	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:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.7	0.12	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	332	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.15	0.059	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	5.6	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	8.6	0.29	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.5	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.059	0.059	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	16.3	5.9	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19547
(2) Prep QC Batch: MP42585

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	81.6		%	1	08/27/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.86		su	1	09/04/25 10:13	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	1.0	0.0010	mmhos/cm	1	09/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	09/10/25 16:23	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	75.9	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	11.2	3.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	161	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42611

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	4.56		ratio	1	08/29/25 20:18	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:	FL01-03@2.5'		
Lab Sample ID:	DA74683-3B	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.6
Project:	TASMCOA: Shable Federal LB 33-78HN		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42584

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8260B	**Percent Solids:**	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4V38377.D	1	08/29/25 20:27	MB	n/a	n/a	V4V1911
Run #2							

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

VOA COGCC Table 915 soil list

CAS No.	Compound	Result	RL	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	118%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%
17060-07-0	1,2-Dichloroethane-D4	111%		70-130%

RL = Reporting Limit
E = Indicates value exceeds calibration range

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

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846 8270E SW846 3570	**Percent Solids:**	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G59623.D	1	08/31/25 21:32	TH	08/30/25 14:45	OP28420	E3G2882
Run #2							

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

COGCC Table 915-1 PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	< 0.0048	0.0048	mg/kg	
120-12-7	Anthracene	< 0.0048	0.0048	mg/kg	
56-55-3	Benzo(a)anthracene	< 0.0060	0.0060	mg/kg	
205-99-2	Benzo(b)fluoranthene	< 0.0048	0.0048	mg/kg	
207-08-9	Benzo(k)fluoranthene	< 0.0048	0.0048	mg/kg	
50-32-8	Benzo(a)pyrene	< 0.0048	0.0048	mg/kg	
218-01-9	Chrysene	< 0.0048	0.0048	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	< 0.0048	0.0048	mg/kg	
206-44-0	Fluoranthene	< 0.0048	0.0048	mg/kg	
86-73-7	Fluorene	< 0.0048	0.0048	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	< 0.0048	0.0048	mg/kg	
90-12-0	1-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-57-6	2-Methylnaphthalene	< 0.0048	0.0048	mg/kg	
91-20-3	Naphthalene	< 0.0024	0.0024	mg/kg	
129-00-0	Pyrene	< 0.0048	0.0048	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
321-60-8	2-Fluorobiphenyl	73%		10-130%
4165-60-0	Nitrobenzene-d5	86%		10-130%
1718-51-0	Terphenyl-d14	118%		10-130%

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

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
Method:	SW846-8015C SW846 3570	**Percent Solids:**	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	FP084982.D	1	09/02/25 18:42	JB	08/30/25 15:00	OP28421	GFP2475
Run #2							

	Initial Weight	Final Volume
Run #1	5.4 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:	FL01R-W@4'		
Lab Sample ID:	DA74683-4	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	3.0	0.12	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Barium	424	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Cadmium	0.15	0.060	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Copper	6.2	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Lead	13.2	0.30	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Nickel	4.1	1.2	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Selenium	< 0.24	0.24	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Silver	< 0.060	0.060	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]
Zinc	16.5	6.0	mg/kg	5	08/27/25	08/28/25	GS	SW846 6020B [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA19547
(2) Prep QC Batch: MP42585

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
%solids							
Solids, Percent	81.4		%	1	08/27/25	JL	SM2540G-2011 M
pH-saturated paste method							
pH	7.92		su	1	09/04/25 10:13	SN	WREP-125,4E-SATPASTE
prep: DEPT.OF AG, BOOK N9							
Specific Conductivity	0.44	0.0010	mmhos/cm	1	09/04/25 13:00	SN	SM 2510B-2011 MOD
Chromium, Hexavalent [a]	< 0.48	0.48	mg/kg	1	09/10/25 16:39	ANJ	SW846 3060A/7199

(a) Analysis performed at SGS Dayton, NJ.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

SAR Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Calcium	3140	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Magnesium	635	3.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]
Sodium	92.8	6.0	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	USDA HANDBOOK 60 [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42611

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4A	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sodium Adsorption Ratio [a]	0.395		ratio	1	08/29/25 20:20	BR	USDA HANDBOOK 60

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

RL = Reporting Limit

Report of Analysis

Client Sample ID:	FL01R-W@4'		
Lab Sample ID:	DA74683-4B	**Date Sampled:**	08/25/25
Matrix:	SO - Soil	**Date Received:**	08/26/25
		Percent Solids:	81.4
Project:	TASMCOA: Shable Federal LB 33-78HN		

Hot Water Soluble Boron Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Boron	< 0.50	0.50	mg/l	1	08/28/25	08/29/25	BR	SW846 6010C [1]	HWS-B [2]

(1) Instrument QC Batch: MA19552
(2) Prep QC Batch: MP42584

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

Bottle Order Control #:
FED-EX Tracking #:
SGS Quote #:
SGS Job # DA74683

Client / Reporting Information	Project Information	Billing Information (if different from Report to)
Company: Tasman, Inc.	Project Name: Shable Federal LB 33-78HN Check Box if Project Report to Division of Oil and Public Safety (OPS): ☐	
Street: 4725 Independence St.	Street:	Company:
City, State ZIP: Wheat Ridge, CO 80033	City, State ZIP:	Street Address:
Project Contact: Eric Vonde	Project #: 10717	City, State ZIP:
Phone: (303) 487-1228	Client Purchase Order #: UWRWP-A3001-ABN	
Email: tas-chevron-5@tasman-geo.com / rbueuf27@chevron.com / evonde@tasman-geo.com / lauren.holt@chevron.com	Project Manager: Eric Vonde	Attention: Lauren Holt
Sampler(s) Name(s): E. Card		

Requested Analysis (see TEST CODE sheet)

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

Field ID / Point of Collection	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: NONE	HCl	NaOH	HNO3	H2SO4	DI Water	MeOH	ENCORE	Na2S2O3	NaHSO3	Metals - 915	VOCs - 915	TPH - 915	PAHs - 915	pH, EC, SAR, boron	TDS, Cl, SO4	Full Table 915-1	Hold	LAB USE ONLY
FL01-01@2.5'	8/25/25	1300	EC	SO	3	3																X		
FL01-02@2.5'	"	1305	"	"	"	"																"		
FL01-03@2.5'	"	1313	"	"	"	"																"		
FL01R-W@2.5'	"	1320	"	"	"	"																"		

Turnaround Time (Business days)

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

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

Special Reporting Instructions:
- ☐ Report in PPB
- ☐ Report in PPM
- ☐ Report MDLs

Data Deliverable Information

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

Comments / Special Instructions

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

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

Relinquished by Sampler/Affiliation:	Date/Time:	Received By/Affiliation:	Relinquished By/Affiliation:	Date/Time:	Received By/Affiliation:
1 E. Card	8/25/25 18:52	2 J Bowie (Tasman)	2 (Tasman)	8/26/25 810	2 McKenzie Regional (Tasman)
3	8/26/25 910	3	4		4

Custody Seal #: Intact ☐ Not intact ☐ Absent ☐
Preserved where applicable ☐ Cooler Temp. °C (corrected): 3.4 Therm. ID: TR1 On Ice ☒

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

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

DA74683: Chain of Custody
Page 1 of 3

SGS Sample Receipt Summary

Job Number: da74683 **Client:** TASMAN **Project:** SHABLE FEDERAL LB 33-78HN

Date / Time Received: 8/26/2025 9:10:00 AM **Delivery Method:** hd **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (3.4);

Cooler Temps (Corrected) °C: Cooler 1: (3.4);

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

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

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

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

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: pH 10-12:

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

Other: (Specify)

Comments

SM001
Rev. Date 05/04/17

Technician: JADENC Date: 8/26/2025 10:01:01 AM Reviewer: Date:

Job Change Order: DA74683

Requested Date: 9/18/2025 **Received Date:** 8/26/2025

Account Name: Chevron USA, Inc. **Due Date:** 9/18/2025

Project Description: TASMCOA: Shable Federal LB 33-78HN **Deliverable:** COMMB

C/O Initiated By: JADON_SC **PM:** PP **TAT (Days):** 9

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Sample #: DA74683-4 **Dept:** RP

Client ID: FL01R-W@2.5' **TAT:** 9

Change: Revise client ID to FL01R-W@4'

Above Changes Per: Elyse Hossink **Date/Time:** 9/18/2025

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

DA74683: Chain of Custody
Page 3 of 3

MS Volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1911-MB	4V38367.D	1	08/29/25	MB	n/a	n/a	V4V1911

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

DA74683-1, DA74683-2, DA74683-4

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

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	108%	70-130%
2037-26-5	Toluene-D8	88%	70-130%
460-00-4	4-Bromofluorobenzene	88%	70-130%
17060-07-0	1,2-Dichloroethane-D4	108%	70-130%

Method Blank Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3007-MB	6V63508.D	1	08/30/25	MB	n/a	n/a	V6V3007

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

DA74683-3

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	2.0	2.0	ug/kg	
95-47-6	o-Xylene	ND	2.0	ug/kg	
1330-20-7	Xylene (total)	2.0	2.0	ug/kg	
	TPH-GRO (C6-C10)	ND	200	ug/kg	

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

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1911-BS	4V38365.D	1	08/29/25	MB	n/a	n/a	V4V1911

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

DA74683-1, DA74683-2, DA74683-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	60.7	121	70-130
100-41-4	Ethylbenzene	50	53.9	108	70-130
108-88-3	Toluene	50	54.7	109	70-130
95-63-6	1,2,4-Trimethylbenzene	50	49.6	99	70-130
108-67-8	1,3,5-Trimethylbenzene	50	46.5	93	70-130
	m,p-Xylene	100	109	109	70-130
95-47-6	o-Xylene	50	57.5	115	70-130
1330-20-7	Xylene (total)	150	166	111	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	109%	70-130%
2037-26-5	Toluene-D8	94%	70-130%
460-00-4	4-Bromofluorobenzene	105%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V4V1911-BS	4V38366.D	1	08/29/25	MB	n/a	n/a	V4V1911

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

DA74683-1, DA74683-2, DA74683-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	2570	129	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	107%	70-130%
2037-26-5	Toluene-D8	91%	70-130%
460-00-4	4-Bromofluorobenzene	91%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3007-BS	6V63506.D	1	08/30/25	MB	n/a	n/a	V6V3007

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

DA74683-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
71-43-2	Benzene	50	49.7	99	70-130
100-41-4	Ethylbenzene	50	52.7	105	70-130
108-88-3	Toluene	50	51.9	104	70-130
95-63-6	1,2,4-Trimethylbenzene	50	55.9	112	70-130
108-67-8	1,3,5-Trimethylbenzene	50	55.7	111	70-130
	m,p-Xylene	100	108	108	70-130
95-47-6	o-Xylene	50	55.3	111	70-130
1330-20-7	Xylene (total)	150	164	109	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	115%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	96%	70-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V3007-BS	6V63507.D	1	08/30/25	MB	n/a	n/a	V6V3007

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

DA74683-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	2000	1480	74	50-200

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	116%	70-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74624-15MS	4V38370.D	1	08/29/25	MB	n/a	n/a	V4V1911
DA74624-15MSD	4V38371.D	1	08/29/25	MB	n/a	n/a	V4V1911
DA74624-15	4V38368.D	1	08/29/25	MB	n/a	n/a	V4V1911

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

DA74683-1, DA74683-2, DA74683-4

CAS No.	Compound	DA74624-15 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		49.9	56.5	113	52.7	63.0	119	11	43-130/30
100-41-4	Ethylbenzene	< 2.1		49.9	51.9	104	52.7	56.3	107	8	15-145/30
108-88-3	Toluene	< 2.1		49.9	51.8	104	52.7	56.6	107	9	37-130/30
95-63-6	1,2,4-Trimethylbenzene	< 2.1		49.9	48.9	98	52.7	52.4	99	7	5-177/30
108-67-8	1,3,5-Trimethylbenzene	< 2.1		49.9	47.1	94	52.7	50.6	96	7	6-159/30
	m,p-Xylene	< 2.1		99.8	106	106	105	116	110	9	21-142/30
95-47-6	o-Xylene	< 2.1		49.9	55.4	111	52.7	61.3	116	10	25-140/30
1330-20-7	Xylene (total)	< 2.1		150	161	108	158	177	112	9	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74624-15	Limits
1868-53-7	Dibromofluoromethane	111%	116%	116%	70-130%
2037-26-5	Toluene-D8	94%	94%	88%	70-130%
460-00-4	4-Bromofluorobenzene	107%	106%	85%	70-130%
17060-07-0	1,2-Dichloroethane-D4	106%	106%	109%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74624-18MS	4V38372.D	1	08/29/25	MB	n/a	n/a	V4V1911
DA74624-18MSD	4V38373.D	1	08/29/25	MB	n/a	n/a	V4V1911
DA74624-18	4V38369.D	1	08/29/25	MB	n/a	n/a	V4V1911

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

DA74683-1, DA74683-2, DA74683-4

CAS No.	Compound	DA74624-18 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)	< 220		2150	2820	131	2120	2810	133	0	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74624-18	Limits
1868-53-7	Dibromofluoromethane	113%	111%	114%	70-130%
2037-26-5	Toluene-D8	89%	90%	89%	70-130%
460-00-4	4-Bromofluorobenzene	88%	91%	87%	70-130%
17060-07-0	1,2-Dichloroethane-D4	112%	106%	116%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74682-1MS	6V63511.D	1	08/30/25	MB	n/a	n/a	V6V3007
DA74682-1MSD	6V63512.D	1	08/30/25	MB	n/a	n/a	V6V3007
DA74682-1	6V63509.D	1	08/30/25	MB	n/a	n/a	V6V3007

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

DA74683-3

CAS No.	Compound	DA74682-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	< 1.1		56.4	54.3	96	58.4	55.8	95	3	43-130/30
100-41-4	Ethylbenzene	< 2.3		56.4	55.9	99	58.4	58.1	99	4	15-145/30
108-88-3	Toluene	< 2.3		56.4	55.5	98	58.4	58.1	99	5	37-130/30
95-63-6	1,2,4-Trimethylbenzene	< 2.3		56.4	54.8	97	58.4	56.2	96	3	5-177/30
108-67-8	1,3,5-Trimethylbenzene	< 2.3		56.4	55.6	99	58.4	57.7	99	4	6-159/30
	m,p-Xylene	< 2.3		113	112	99	117	117	100	4	21-142/30
95-47-6	o-Xylene	< 2.3		56.4	57.1	101	58.4	59.4	102	4	25-140/30
1330-20-7	Xylene (total)	< 2.3		169	169	100	175	177	101	5	17-142/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74682-1	Limits
1868-53-7	Dibromofluoromethane	121%	114%	110%	70-130%
2037-26-5	Toluene-D8	102%	102%	103%	70-130%
460-00-4	4-Bromofluorobenzene	94%	92%	101%	70-130%
17060-07-0	1,2-Dichloroethane-D4	102%	100%	103%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA74683-3MS	6V63513.D	1	08/30/25	MB	n/a	n/a	V6V3007
DA74683-3MSD	6V63514.D	1	08/30/25	MB	n/a	n/a	V6V3007
DA74683-3	6V63510.D	1	08/30/25	MB	n/a	n/a	V6V3007

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

DA74683-3

CAS No.	Compound	DA74683-3 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)	< 230		2420	1580	65	2430	1680	69	6	5-200/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74683-3	Limits
1868-53-7	Dibromofluoromethane	110%	112%	115%	70-130%
2037-26-5	Toluene-D8	104%	104%	104%	70-130%
460-00-4	4-Bromofluorobenzene	101%	102%	99%	70-130%
17060-07-0	1,2-Dichloroethane-D4	97%	98%	102%	70-130%

* = Outside of Control Limits.

MS Semi-volatiles

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QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28420-MB	3G59613.D	1	08/31/25	TH	08/30/25	OP28420	E3G2882

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

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	100%	10-130%
4165-60-0	Nitrobenzene-d5	81%	10-130%
1718-51-0	Terphenyl-d14	113%	10-130%

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28420-BS	3G59614.D	1	08/31/25	TH	08/30/25	OP28420	E3G2882

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
83-32-9	Acenaphthene	200	232	116	31-130
120-12-7	Anthracene	200	224	112	46-134
56-55-3	Benzo(a)anthracene	200	230	115	52-135
205-99-2	Benzo(b)fluoranthene	200	228	114	50-136
207-08-9	Benzo(k)fluoranthene	200	259	130	52-134
50-32-8	Benzo(a)pyrene	200	236	118	50-130
218-01-9	Chrysene	200	263	132* [a]	51-131
53-70-3	Dibenzo(a,h)anthracene	200	226	113	49-136
206-44-0	Fluoranthene	200	230	115	51-137
86-73-7	Fluorene	200	221	111	38-130
193-39-5	Indeno(1,2,3-cd)pyrene	200	235	118	50-139
90-12-0	1-Methylnaphthalene	200	242	121	18-130
91-57-6	2-Methylnaphthalene	200	213	107	16-130
91-20-3	Naphthalene	200	230	115	5-130
129-00-0	Pyrene	200	244	122	48-136

CAS No.	Surrogate Recoveries	BSP	Limits
321-60-8	2-Fluorobiphenyl	119%	10-130%
4165-60-0	Nitrobenzene-d5	98%	10-130%
1718-51-0	Terphenyl-d14	125%	10-130%

(a) Outside in house control limits.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28420-MS	3G59615.D	1	08/31/25	TH	08/30/25	OP28420	E3G2882
OP28420-MSD	3G59616.D	1	08/31/25	TH	08/30/25	OP28420	E3G2882
DA74682-1	3G59635.D	1	09/01/25	TH	08/30/25	OP28420	E3G2882

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

CAS No.	Compound	DA74682-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
83-32-9	Acenaphthene	< 4.8		232	219	94	228	206	91	6	12-130/52
120-12-7	Anthracene	< 4.8		232	226	97	228	211	93	7	31-130/60
56-55-3	Benzo(a)anthracene	< 6.0		232	234	101	228	225	99	4	34-130/60
205-99-2	Benzo(b)fluoranthene	< 4.8		232	204	88	228	196	86	4	10-168/60
207-08-9	Benzo(k)fluoranthene	< 4.8		232	269	116	228	248	109	8	30-130/60
50-32-8	Benzo(a)pyrene	< 4.8		232	248	107	228	231	101	7	10-179/60
218-01-9	Chrysene	< 4.8		232	275	119	228	270	119	2	34-130/60
53-70-3	Dibenzo(a,h)anthracene	< 4.8		232	250	108	228	238	105	5	20-138/60
206-44-0	Fluoranthene	< 4.8		232	205	88	228	187	82	9	32-130/60
86-73-7	Fluorene	< 4.8		232	205	88	228	191	84	7	20-130/60
193-39-5	Indeno(1,2,3-cd)pyrene	< 4.8		232	224	97	228	210	92	6	17-148/60
90-12-0	1-Methylnaphthalene	< 4.8		232	236	102	228	215	94	9	10-130/41
91-57-6	2-Methylnaphthalene	< 4.8		232	214	92	228	184	81	15	14-130/40
91-20-3	Naphthalene	< 2.4		232	253	109	228	234	103	8	10-130/40
129-00-0	Pyrene	< 4.8		232	216	93	228	206	91	5	31-130/60

CAS No.	Surrogate Recoveries	MS	MSD	DA74682-1	Limits
321-60-8	2-Fluorobiphenyl	85%	88%	90%	10-130%
4165-60-0	Nitrobenzene-d5	99%	97%	94%	10-130%
1718-51-0	Terphenyl-d14	111%	109%	115%	10-130%

* = Outside of Control Limits.

GC/LC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

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

Method Blank Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28421-MB	FP084954.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

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	95%	20-142%

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28421-BS	FP084955.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-DRO (C10-C28)	200	163	82	70-130

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

* = Outside of Control Limits.

Blank Spike Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28421-BS2	FP084956.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-ORO (> C28-C36)	200	188	94	70-138

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

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28421-MS1	FP084957.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475
OP28421-MSD1	FP084958.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475
DA74748-7	FP084961.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

CAS No.	Compound	DA74748-7 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)	< 4.2		196	175	89	192	159	83	10	59-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74748-7	Limits
84-15-1	o-Terphenyl	103%	93%	75%	20-142%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA74683
Account: CHEVRCOG Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP28421-MS2	FP084959.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475
OP28421-MSD2	FP084960.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475
DA74748-8	FP084962.D	1	09/02/25	JB	08/30/25	OP28421	GFP2475

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

DA74683-1, DA74683-2, DA74683-3, DA74683-4

CAS No.	Compound	DA74748-8 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	Spike mg/kg	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-ORO (> C28-C36)	< 7.0		228	232	102	204	203	100	13	70-153/30

CAS No.	Surrogate Recoveries	MS	MSD	DA74748-8	Limits
84-15-1	o-Terphenyl	97%	91%	84%	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: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25

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	3.0	<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 MP42584: DA74683-1B, DA74683-2B, DA74683-3B, DA74683-4B

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25 08/28/25

Metal	DA74698-10B Original	DUP	RPD	QC Limits	DA74698-10B Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron	92.5	72.0	24.9 (a)	0-20	92.5	10400	10000	103.1	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 MP42584: DA74683-1B, DA74683-2B, DA74683-3B, DA74683-4B

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25 08/28/25

Metal	DA74698-10B Original DUP	RPD	QC Limits	DA74698-10B Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	9750	10000	97.5	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 MP42584: DA74683-1B, DA74683-2B, DA74683-3B, DA74683-4B

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	DA74698-10B Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron	18.5	26.4	42.7 (a)	0-10
Cadmium				
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42584: DA74683-1B, DA74683-2B, DA74683-3B, DA74683-4B

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42584 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

	DA74698-10B		QC
Metal	Original SDL 1:5	%DIF	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: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42585 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 08/27/25

Metal	RL	IDL	MDL	MB raw	final
Aluminum	25	.26	2.5		
Antimony	0.20	.005	.025		
Arsenic	0.10	.025	.025	0.019	<0.10
Barium	1.0	.048	.12	0.031	<1.0
Beryllium	0.10	.038	.02		
Boron	20	9.1	5		
Cadmium	0.050	.015	.02	0.00048	<0.050
Calcium	200	13	15		
Chromium	1.0	.043	.3		
Cobalt	0.10	.02	.013		
Copper	1.0	.025	.13	0.019	<1.0
Iron	10	.8	7.5		
Lead	0.25	.047	.1	-0.0042	<0.25
Magnesium	50	5	5		
Manganese	0.50	.04	.1		
Molybdenum	0.50	.019	.14		
Nickel	1.0	.049	.1	0.0054	<1.0
Phosphorus	30	3.8	13		
Potassium	100	1	13		
Selenium	0.20	.025	.025	0.00027	<0.20
Silver	0.050	.0041	.015	-0.0012	<0.050
Sodium	250	5	15		
Strontium	10	.05	.5		
Thallium	0.10	.016	.02		
Tin	5.0	.11	2		
Titanium	1.0	.025	.15		
Uranium	0.10	.0074	.05		
Vanadium	0.50	.071	.1		
Zinc	5.0	.025	.5	-0.043	<5.0

Associated samples MP42585: DA74683-1, DA74683-2, DA74683-3, DA74683-4

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: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42585
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 08/27/25

Metal	DA74681-1 Original	MS	Spikelot ICPMS6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic	2.6	112	125	87.5	75-125
Barium	402	560	250	63.2N(a)	75-125
Beryllium					
Boron					
Cadmium	0.14	63.7	62.5	101.7	75-125
Calcium					
Chromium					
Cobalt					
Copper	4.9	59.5	62.5	87.4	75-125
Iron					
Lead	12.8	136	125	98.6	75-125
Magnesium					
Manganese					
Molybdenum					
Nickel	3.3	57.7	62.5	87.0	75-125
Phosphorus					
Potassium					
Selenium	0.16	106	125	84.7	75-125
Silver	0.015	25.8	25	103.1	75-125
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc	13.3	69.2	62.5	89.4	75-125

Associated samples MP42585: DA74683-1, DA74683-2, DA74683-3, DA74683-4

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: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42585 Methods: SW846 6020B
Matrix Type: SOLID Units: mg/kg

Prep Date: 08/27/25

Metal	DA74681-1 Original	MSD	Spikelot ICPMS6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic	2.6	112	126	86.6	0.0	20
Barium	402	603	253	79.6	7.4	20
Beryllium						
Boron						
Cadmium	0.14	63.4	63.1	100.2	0.5	20
Calcium						
Chromium						
Cobalt						
Copper	4.9	60.4	63.1	87.9	1.5	20
Iron						
Lead	12.8	133	126	95.2	2.2	20
Magnesium						
Manganese						
Molybdenum						
Nickel	3.3	58.1	63.1	86.8	0.7	20
Phosphorus						
Potassium						
Selenium	0.16	105	126	83.0	0.9	20
Silver	0.015	25.6	25.3	101.3	0.8	20
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc	13.3	70.9	63.1	91.2	2.4	20

Associated samples MP42585: DA74683-1, DA74683-2, DA74683-3, DA74683-4

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42585
Matrix Type: SOLID

Methods: SW846 6020B
Units: mg/kg

Prep Date: 08/27/25

Metal	BSP Result	Spikelot ICPMS6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic	99.3	100	99.3	80-120
Barium	191	200	95.5	80-120
Beryllium				
Boron				
Cadmium	49.9	50	99.8	80-120
Calcium				
Chromium				
Cobalt				
Copper	50.8	50	101.6	80-120
Iron				
Lead	98.0	100	98.0	80-120
Magnesium				
Manganese				
Molybdenum				
Nickel	49.8	50	99.6	80-120
Phosphorus				
Potassium				
Selenium	97.2	100	97.2	80-120
Silver	20.1	20	100.5	80-120
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	48.2	50	96.4	80-120

Associated samples MP42585: DA74683-1, DA74683-2, DA74683-3, DA74683-4

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42585 Methods: SW846 6020B
Matrix Type: SOLID Units: ug/l

Prep Date: 08/27/25

Metal	DA74681-1 Original	SDL 5:25	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic	21.7	25.5	17.3	0-20
Barium	3370	3500	3.8	0-20
Beryllium				
Boron				
Cadmium	1.19	1.05	12.0	0-20
Calcium				
Chromium				
Cobalt				
Copper	40.9	46.3	13.3	0-20
Iron				
Lead	108	107	1.0	0-20
Magnesium				
Manganese				
Molybdenum				
Nickel	28.0	32.4	15.7	0-20
Phosphorus				
Potassium				
Selenium	1.35	1.57	15.6	0-20
Silver	0.129	0.00	100.0(a)	0-20
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc	112	126	12.5	0-20

Associated samples MP42585: DA74683-1, DA74683-2, DA74683-3, DA74683-4

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: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25

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	159	<6000
Chromium	150	10	20		
Cobalt	75	12	9.5		
Copper	150	7.4	20		
Iron	1100	28	180		
Lead	750	63	95		
Lithium	75	30	20		
Magnesium	3000	110	380	-20	<3000
Manganese	75	2.6	9.5		
Molybdenum	150	38	42		
Nickel	450	17	57		
Phosphorus	1500	170	240		
Potassium	15000	540	1900		
Selenium	750	140	320		
Silicon	3000	620	2300		
Silver	450	8.4	57		
Sodium	6000	130	750	-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 MP42611: DA74683-1A, DA74683-2A, DA74683-3A, DA74683-4A

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

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	RL	IDL	MDL	MB raw	final

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	DA74681-4A Original	MS	Spikelot ICPALL6	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium					
Calcium	63200	414000	375000	93.5	75-125
Chromium					
Cobalt					
Copper					
Iron					
Lead					
Lithium					
Magnesium	8850	360000	375000	93.6	75-125
Manganese					
Molybdenum					
Nickel					
Phosphorus					
Potassium					
Selenium					
Silicon					
Silver					
Sodium	72000	434000	375000	96.5	75-125
Strontium					
Thallium					
Tin					
Titanium					
Uranium					
Vanadium					
Zinc					

Associated samples MP42611: DA74683-1A, DA74683-2A, DA74683-3A, DA74683-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	DA74681-4A Original MS	Spikelot ICPALL6	% Rec	QC Limits

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	DA74681-4A Original	MSD	Spikelot ICPALL6	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium	63200	417000	375000	94.3	0.7	20
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Lithium						
Magnesium	8850	364000	375000	94.7	1.1	20
Manganese						
Molybdenum						
Nickel						
Phosphorus						
Potassium						
Selenium						
Silicon						
Silver						
Sodium	72000	435000	375000	96.8	0.2	20
Strontium						
Thallium						
Tin						
Titanium						
Uranium						
Vanadium						
Zinc						

Associated samples MP42611: DA74683-1A, DA74683-2A, DA74683-3A, DA74683-4A

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

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	DA74681-4A Original MSD	Spikelot ICPALL6 % Rec	MSD RPD	QC Limit

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	365000	375000	97.3	80-120
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	362000	375000	96.5	80-120
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	373000	375000	99.5	80-120
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42611: DA74683-1A, DA74683-2A, DA74683-3A, DA74683-4A

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

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611
Matrix Type: AQUEOUS

Methods: SW846 6010C
Units: ug/l

Prep Date: 08/28/25

Metal	BSP Result	Spikelot ICPALL6	% Rec	QC Limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

Metal	DA74681-4A Original	SDL 1:5	%DIF	QC Limits
Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium				
Calcium	4210	4310	2.2	0-10
Chromium				
Cobalt				
Copper				
Iron				
Lead				
Lithium				
Magnesium	590	597	1.2	0-10
Manganese				
Molybdenum				
Nickel				
Phosphorus				
Potassium				
Selenium				
Silicon				
Silver				
Sodium	4800	4850	1.0	0-10
Strontium				
Thallium				
Tin				
Titanium				
Uranium				
Vanadium				
Zinc				

Associated samples MP42611: DA74683-1A, DA74683-2A, DA74683-3A, DA74683-4A

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

SERIAL DILUTION RESULTS SUMMARY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

QC Batch ID: MP42611 Methods: SW846 6010C
Matrix Type: AQUEOUS Units: ug/l

Prep Date: 08/28/25

	DA74681-4A		QC
Metal	Original SDL 1:5	%DIF	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: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Specific Conductivity	GP39371/GN68848			mmhos/cm	1.409	1.4	102.8	90-110%

Associated Samples:
Batch GP39371: DA74683-1, DA74683-2, DA74683-3, DA74683-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA74683
Account: CHEVRCOG - Chevron USA, Inc.
Project: TASMCOA: Shable Federal LB 33-78HN

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Specific Conductivity	GP39371/GN68848	DA74681-4	mmhos/cm	0.75	0.73	3.7	0-20%
pH	GN68843	DA74681-4	su	7.68	7.67	0.1	0-5%

Associated Samples:
Batch GN68843: DA74683-1, DA74683-2, DA74683-3, DA74683-4
Batch GP39371: DA74683-1, DA74683-2, DA74683-3, DA74683-4
(*) Outside of QC limits

Misc. Forms

Custody Documents and Other Forms

(SGS Dayton, NJ)

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

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

FED-EX Tracking # | Bottle Order Control #
SGS Quote # | SGS Job # DA74683

Client / Reporting Information

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

Project Information

Project Name: TASMCOA: Shable Federal LB 33-78HN
Street
City State
Project #
Client Purchase Order #
Project Manager

Billing Information (If different from Report to)

Company Name
Street Address
City State Zip
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

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

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	XCRA7199 ,									LAB USE ONLY
1	FL01-01@2.5'		8/25/25	1:00:00 PM	EC	SO										X									
2	FL01-02@2.5'		8/25/25	1:05:00 PM	EC	SO										X									
3	FL01-03@2.5'		8/25/25	1:13:00 PM	EC	SO										X									
4	FL01R-W@2.5'		8/25/25	1:20:00 PM	EC	SO										X									

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Day (business)
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] other Due 9/4/2025

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] GC

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

Comments / Special Instructions

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

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

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		1	2	9/5/25 1000	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal # ☐ Intact ☐ Not Intact	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 1.2
5		5		Therm. ID: 50	

10.1 10

DA74683: Chain of Custody
Page 1 of 2
SGS Dayton, NJ

SGS Sample Receipt Summary

Job Number: DA74683 **Client:** SGS NORTH AMERICA INC. **Project:** TASMCOA: SHABLE FEDERAL LB 33-78H

Date / Time Received: 8/28/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (1.2);

Cooler Temps (Corrected) °C: Cooler 1: (1.3);

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

DA74683: 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: DA74683
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: `ASMCOA: Shable Federal LB 33-78HN

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Chromium, Hexavalent	GP63765/GN73272	0.40	0.0	mg/kg	40	39.0	97.5	80-120%
Chromium, Hexavalent	GP63765/GN73272			mg/kg	1140	1000	87.8	80-120%

Associated Samples:
Batch GP63765: DA74683-1, DA74683-2, DA74683-3, DA74683-4
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA74683
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: `ASMCOA: Shable Federal LB 33-78HN

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Chromium, Hexavalent	GP63765/GN73272	DA74681-2	mg/kg	0.0	0.0	0.0	0-20%

Associated Samples:
Batch GP63765: DA74683-1, DA74683-2, DA74683-3, DA74683-4
(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: DA74683
Account: ALMS - SGS Wheat Ridge, CO
Project: CHEVRCOG: `ASMCOA: Shable Federal LB 33-78HN

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Chromium, Hexavalent	GP63765/GN73272	DA74681-2	mg/kg	0.0	48.8	46.6	95.5(a)	75-125%
Chromium, Hexavalent	GP63765/GN73272	DA74681-2	mg/kg	0.0	1140	1030	90.6(b)	75-125%

Associated Samples:
Batch GP63765: DA74683-1, DA74683-2, DA74683-3, DA74683-4
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits
(a) Good recovery on soluble XCR matrix spike. Good recovery (97.0%) on the post-spike.
(b) Good recovery on insoluble XCR matrix spike. See additional comments on soluble matrix spike recovery.