

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

November 11, 2025

Brian Humphrey
Tasman Geosciences
4725 Independence St.
Wheat Ridge, CO 80033
RE: Foundation - Sooner 13-16
Work Order #2509014

Enclosed are the results of analyses for samples received by Summit Scientific on 09/11/25 18:54. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Jacob Wood". The signature is written in a cursive style with a large initial "J" and "W".

Jacob Wood For Gavin Stonehouse
Lab Manager



Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	2509014-01	Water	09/11/25 14:10	09/11/25 18:54
MW04	2509014-02	Water	09/11/25 13:27	09/11/25 18:54
MW05R	2509014-03	Water	09/11/25 15:20	09/11/25 18:54
MW06R	2509014-04	Water	09/11/25 15:39	09/11/25 18:54
MW08	2509014-05	Water	09/11/25 13:11	09/11/25 18:54
MW09	2509014-06	Water	09/11/25 15:01	09/11/25 18:54
MW10R	2509014-07	Water	09/11/25 12:54	09/11/25 18:54
MW12	2509014-08	Water	09/11/25 15:58	09/11/25 18:54
MW13	2509014-09	Water	09/11/25 14:49	09/11/25 18:54
MW14	2509014-10	Water	09/11/25 14:34	09/11/25 18:54
MW15	2509014-11	Water	09/11/25 14:21	09/11/25 18:54
MW18	2509014-12	Water	09/11/25 12:37	09/11/25 18:54
MW19R	2509014-13	Water	09/11/25 13:56	09/11/25 18:54
MW22	2509014-14	Water	09/11/25 13:40	09/11/25 18:54

Case Narrative

Client requested sample MW10 be renamed to MW10R on 11/11/2025.

This is a revision of the report originally sent on 09/16/2025 at 15:39 MT.

Summit Scientific

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4653 Table Mountain Drive
 Golden, CO 80403
 303-277-9310

Lab ID	Page 1 of 1
2509014	

	Send Data To:	Send Invoice To:
Client: FEM/Tasman	Project Manager: Brian Humphrey/Afton Iiams	Company: Tasman
Address: 4725 Independence Street	E-Mail: Bhumphrey@tasman-geo.com	Project Name/Location:
City/State/Zip: Wheat Ridge, CO, 80033	aiiams@foundationenergy.com, Jwatts@tasman-geo.com	AFE#:
Phone: 303-487-1228	Project Name: Sooner 13-16	PO/Billing Codes:
Sampler Name: Grayson Turner	Project Number:	Contact:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested				Special Instructions
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEXN & TMBS				
1	MW01	9/11/2025	14:10	3	3					3							
2	MW04		13:27														
3	MW05R		15:20														
4	MW06R		15:39														
5	MW08		13:11														
6	MW09		15:01														
7	MW10S		12:54														
8	MW12		15:58														
9	MW13		14:49														
10	MW14		14:34														
11	MW15		14:21														
12	MW18		12:37														
13	MW19R		13:56														
14	MW22		13:40														
15																	

Relinquished by: <i>Grayson Turner</i>	Date/Time: 9/11/25 18:54	Received by: <i>[Signature]</i>	Date/Time: 9/11/25 18:54	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: 1.0	Corrected Temperature	IR gun #: 2	HNO3 lot #:			

S2 Work Order# 2509014

Sample Receipt Checklist

Client: Tasman Client Project ID: SOONER 13-16Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____Matrix (Circle all that apply) Air/Soil/Water/Other Temp (°C) Corrected (°C) Thermometer ID: _____ Bottle ware (Circle all that apply) Glass Jar/VOA/Amber/Poly/Other

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ON ICE
If custody seals are present, are they intact? ⁽¹⁾	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD, Total Residual Chlorine (TRC)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were samples provided in appropriate bottleware?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are any samples/bottles preserved (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	HCL
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will any samples be performed outside of Summit Scientific? Note analysis in comments column	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<u>Additional Comments (if any):</u> 				
⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.				

Control Form # SRC-001

Custodian Printed Name

9/11/25

Date/Time



Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW01

2509014-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/25 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BII0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.2	99.1 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.5	102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.9	96.5 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW04

2509014-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B


Date Sampled: **09/11/25 13:27**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BH0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 13:27**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.2	98.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.5	101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	97.2 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW05R
2509014-03RE1 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

pHHT1

Date Sampled: **09/11/25 15:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	2.0	ug/l	2	BII0124	09/15/25	09/15/25	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	23	2.0	"	"	"	"	"	"	
Xylenes (total)	190	4.0	"	"	"	"	"	"	
Naphthalene	63	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	140	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	35	2.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 15:20**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.0	97.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.6	102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.3	100 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW06R

2509014-04RE1 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/25 15:39**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	2.1	1.0	ug/l	1	BII0124	09/15/25	09/15/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	6.2	2.0	"	"	"	"	"	"	
Naphthalene	6.6	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	38	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	6.4	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 15:39**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.2	98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.3	99.8 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.5	101 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW08

2509014-05RE1 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

pHHT1

Date Sampled: **09/11/25 13:11**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	2.7	1.0	ug/l	1	BII0124	09/15/25	09/15/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	6.0	1.0	"	"	"	"	"	"	
Xylenes (total)	54	2.0	"	"	"	"	"	"	
Naphthalene	16	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	43	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	8.1	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 13:11**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.8	104 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.4	101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	98.9 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW09

2509014-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/25 15:01**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BH0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 15:01**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.0	97.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.3	100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.7	103 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW10R
2509014-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **09/11/25 12:54**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BH0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 12:54**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.3	99.7 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.6	102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.3	99.5 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW12

2509014-08RE1 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

pHHT1

Date Sampled: **09/11/25 15:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	3.9	2.0	ug/l	2	BH0124	09/15/25	09/15/25	EPA 8260B	
Toluene	ND	2.0	"	"	"	"	"	"	
Ethylbenzene	25	2.0	"	"	"	"	"	"	
Xylenes (total)	310	4.0	"	"	"	"	"	"	
Naphthalene	91	2.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	200	2.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	61	2.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 15:58**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.1	98.0 %		23-173	"	"	"	"	
Surrogate: Toluene-d8	13.1	98.3 %		20-170	"	"	"	"	
Surrogate: 4-Bromofluorobenzene	14.8	111 %		21-167	"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW13

2509014-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

pHHT1

Date Sampled: **09/11/25 14:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BH0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 14:49**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.1	98.2 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.6	102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	14.0	105 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW14

2509014-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

pHHT1

Date Sampled: **09/11/25 14:34**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BII0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 14:34**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.0	97.9 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.5	101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.3	100 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW15

2509014-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B


Date Sampled: **09/11/25 14:21**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BH0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 14:21**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.0	97.4 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.4	101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.1	98.4 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW18

2509014-12 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

pHHT1

Date Sampled: **09/11/25 12:37**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BH0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 12:37**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.3	99.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.6	102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	97.7 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW19R

2509014-13 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B


Date Sampled: **09/11/25 13:56**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BII0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 13:56**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.3	99.5 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.5	101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.1	98.1 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

MW22

2509014-14 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B


Date Sampled: **09/11/25 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BII0098	09/12/25	09/12/25	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **09/11/25 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4	13.2	98.8 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.2	99.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.1	98.2 %	21-167		"	"	"	"	

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BII0098 - EPA 5030 Water MS

Blank (BII0098-BLK1)

Prepared & Analyzed: 09/12/25

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.1		"	13.3		98.0	23-173			
<i>Surrogate: Toluene-d8</i>	13.4		"	13.3		100	20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	13.2		"	13.3		98.7	21-167			

LCS (BII0098-B51)

Prepared & Analyzed: 09/12/25

Benzene	44.1	1.0	ug/l	33.3		132	51-132			
Toluene	43.1	1.0	"	33.3		129	51-138			
Ethylbenzene	43.8	1.0	"	33.3		132	58-146			
m,p-Xylene	87.9	2.0	"	66.7		132	57-144			
o-Xylene	43.5	1.0	"	33.3		130	53-146			
Naphthalene	46.1	1.0	"	33.3		138	70-130			QLCS-01
1,2,4-Trimethylbenzene	42.6	1.0	"	33.3		128	70-130			
1,3,5-Trimethylbenzene	43.1	1.0	"	33.3		129	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.2		"	13.3		99.2	23-173			
<i>Surrogate: Toluene-d8</i>	13.4		"	13.3		101	20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	13.2		"	13.3		99.0	21-167			

LCS Dup (BII0098-BSD1)

Prepared & Analyzed: 09/12/25

Benzene	43.8	1.0	ug/l	33.3		131	51-132	0.682	20	
Toluene	43.3	1.0	"	33.3		130	51-138	0.347	20	
Ethylbenzene	43.1	1.0	"	33.3		129	58-146	1.63	20	
m,p-Xylene	86.1	2.0	"	66.7		129	57-144	2.08	20	
o-Xylene	42.3	1.0	"	33.3		127	53-146	2.80	20	
Naphthalene	42.8	1.0	"	33.3		128	70-130	7.56	20	
1,2,4-Trimethylbenzene	42.4	1.0	"	33.3		127	70-130	0.400	20	
1,3,5-Trimethylbenzene	42.7	1.0	"	33.3		128	70-130	0.909	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	13.3		"	13.3		99.9	23-173			
<i>Surrogate: Toluene-d8</i>	13.6		"	13.3		102	20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	13.1		"	13.3		98.3	21-167			

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BII0124 - EPA 5030 Water MS

Blank (BII0124-BLK1)

Prepared & Analyzed: 09/15/25

Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	2.0	"							
Naphthalene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	13.2		"	13.3		99.1	23-173			
Surrogate: Toluene-d8	13.4		"	13.3		100	20-170			
Surrogate: 4-Bromofluorobenzene	13.1		"	13.3		98.0	21-167			

LCS (BII0124-BS1)

Prepared & Analyzed: 09/15/25

Benzene	40.8	1.0	ug/l	33.3		122	51-132			
Toluene	40.4	1.0	"	33.3		121	51-138			
Ethylbenzene	40.3	1.0	"	33.3		121	58-146			
m,p-Xylene	80.0	2.0	"	66.7		120	57-144			
o-Xylene	39.5	1.0	"	33.3		119	53-146			
Naphthalene	38.7	1.0	"	33.3		116	70-130			
1,2,4-Trimethylbenzene	37.8	1.0	"	33.3		114	70-130			
1,3,5-Trimethylbenzene	38.0	1.0	"	33.3		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	13.0		"	13.3		97.5	23-173			
Surrogate: Toluene-d8	13.4		"	13.3		100	20-170			
Surrogate: 4-Bromofluorobenzene	13.5		"	13.3		101	21-167			

LCS Dup (BII0124-BSD1)

Prepared & Analyzed: 09/15/25

Benzene	42.3	1.0	ug/l	33.3		127	51-132	3.68	20	
Toluene	41.8	1.0	"	33.3		125	51-138	3.26	20	
Ethylbenzene	41.3	1.0	"	33.3		124	58-146	2.38	20	
m,p-Xylene	82.4	2.0	"	66.7		124	57-144	2.98	20	
o-Xylene	41.0	1.0	"	33.3		123	53-146	3.75	20	
Naphthalene	40.1	1.0	"	33.3		120	70-130	3.45	20	
1,2,4-Trimethylbenzene	38.7	1.0	"	33.3		116	70-130	2.22	20	
1,3,5-Trimethylbenzene	38.9	1.0	"	33.3		117	70-130	2.32	20	
Surrogate: 1,2-Dichloroethane-d4	13.1		"	13.3		98.2	23-173			
Surrogate: Toluene-d8	13.3		"	13.3		99.5	20-170			
Surrogate: 4-Bromofluorobenzene	13.3		"	13.3		99.5	21-167			

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Tasman Geosciences
4725 Independence St.
Wheat Ridge CO, 80033

Project: Foundation - Sooner 13-16

Project Number: [none]
Project Manager: Brian Humphrey

Reported:
11/11/25 10:20

Notes and Definitions

- QLCS-01 The spike recovery was outside acceptance limits for this analyte indicating a potential high bias. The corresponding samples did not exhibit concentrations above reporting level for this analyte. Data quality is not affected.
- pHHT1 HCl-preserved VOA vial had a pH greater than 2 and is therefore outside of acceptance range; thus, hold-times have been reduced to 7 days. Analysis was completed within allowable hold-time. Data is unaffected.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference