

**DCP SOUTH BOOSTER 6-INCH RELEASE SITE
SECOND QUARTER 2021
FORM 27 SUPPLEMENTAL GROUNDWATER MONITORING SUMMARY REPORT**

ATTACHMENTS

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- 3 Historical BTEX Concentrations in Groundwater

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- 2 Site Overview Map with Monitoring Well Locations
- 3 Groundwater Elevation Contour Map – May 4, 2021
- 4 Groundwater Analytical Results Map –May 4, 2021

Appendices

- A Laboratory Analytical Report
 - Origins Laboratory Job #: Y105039

TABLE 1
SECOND QUARTER 2021
SUMMARY OF GROUNDWATER ELEVATION DATA
DCP MIDSTREAM - S. BOOSTER 6-inch GATHERING RELEASE
WELD COUNTY, COLORADO

Location	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event ⁽¹⁾ (feet)
MW01	8/17/2020	16.44			23.19	4894.33	4877.89	-0.13
MW01	11/17/2020	16.70			23.19	4894.33	4877.63	-0.26
MW01	2/10/2021	16.87			23.19	4894.33	4877.46	-0.17
MW01	5/4/2021	16.81			23.19	4894.33	4877.52	0.06
MW02	8/17/2020	18.08			22.61	4895.22	4877.14	-0.08
MW02	11/17/2020	18.35			22.61	4895.22	4876.87	-0.27
MW02	2/10/2021	18.52			22.61	4895.22	4876.70	-0.17
MW02	5/4/2021	18.47			22.61	4895.22	4876.75	0.05
MW03	8/17/2020	18.40			22.71	4895.50	4877.10	-0.13
MW03	11/17/2020	18.65			22.71	4895.50	4876.85	-0.25
MW03	2/10/2021	18.78			22.71	4895.50	4876.72	-0.13
MW03	5/4/2021	18.74			22.71	4895.50	4876.76	0.04
MW04	8/17/2020	17.35			22.60	4895.08	4877.73	-0.11
MW04	11/17/2020	17.64			22.60	4895.08	4877.44	-0.29
MW04	2/10/2021	17.79			22.60	4895.08	4877.29	-0.15
MW04	5/4/2021	17.73			22.60	4895.08	4877.35	0.06
MW05	8/17/2020	15.63			22.20	4892.98	4877.35	-0.10
MW05	11/17/2020	15.89			22.20	4892.98	4877.09	-0.26
MW05	2/10/2021	16.06			22.20	4892.98	4876.92	-0.17
MW05	5/4/2021	16.00			22.20	4892.98	4876.98	0.06
Average groundwater elevation change between 2/10/2021 and 5/4/2021								0.06

Notes:

1) Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected during the most recent monitoring event.

amsl = feet above mean sea level

TOC = top of casing

Groundwater elevation = (TOC Elevation - Measured Depth to Water)

NA = Not Applicable

NM = Not Measured

TABLE 2
SECOND QUARTER 2021
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
DCP MIDSTREAM - S. BOOSTER 6-inch GATHERING RELEASE
WELD COUNTY, COLORADO

Location Identification	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Comments
COGCC Standards (µg/L) ⁽¹⁾		5	560	700	1,400	67	67	140	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)	
MW01	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW02	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW03	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW04	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW05	5/4/2021	4.40	22.5	13.8	319	NA	NA	NA	NA	NA	NA	

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 910-1 per Rule 915.f within the Environmental Impact Prevention 900 Series.

Bold red values indicate an exceedance of the COGCC groundwater standards for the Site.

µg/L = micrograms per liter.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA
DCP MIDSTREAM - S. BOOSTER 6-inch GATHERING RELEASE
WELD COUNTY, COLORADO

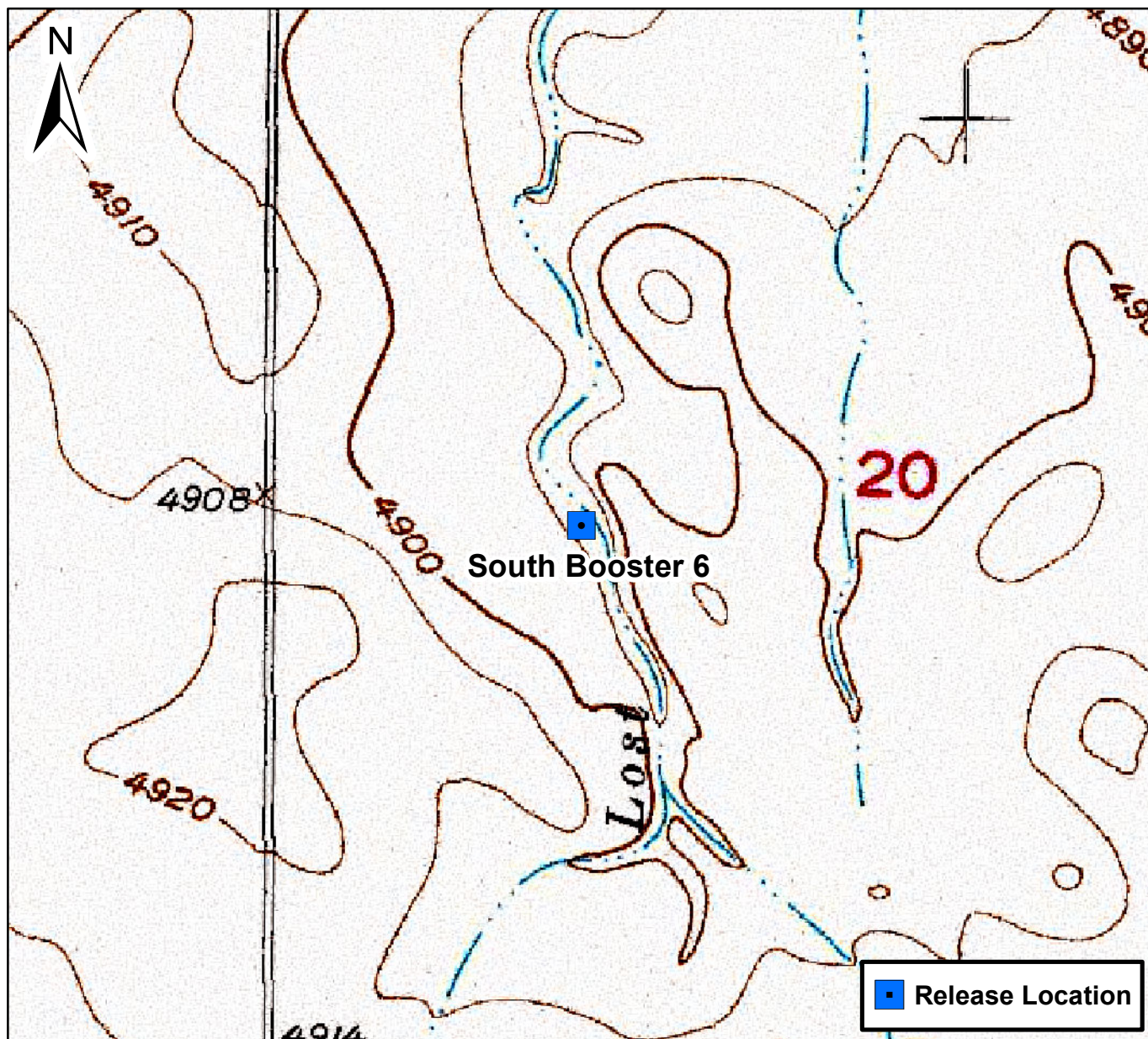
Location Identification	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	1,2,4-Trimethylbenzene (µg/l)	1,3,5-Trimethylbenzene (µg/l)	Naphthalene (µg/l)	Total Dissolved Solids (mg/l)	Chloride (mg/l)	Sulfate (mg/l)	Comments
COGCC Standards (µg/L) ⁽¹⁾		5	560	700	1,400	67	67	140	(<1.25 x local background)	(250 mg/l or <1.25 x local background)	(250 mg/l or <1.25 x local background)	
GW01	6/19/2019	129	357	45.5	497	-	-	-	-	-	-	
MW01	8/14/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW01	11/18/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW01	2/28/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW01	5/20/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW01	8/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW01	11/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW01	2/10/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	1330	158	500	
MW01	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW02	8/14/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW02	11/18/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW02	2/28/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW02	5/20/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW02	8/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW02	11/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW02	2/10/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	-	-	-	
MW02	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW03	8/14/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW03	11/18/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW03	2/28/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW03	5/20/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW03	8/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW03	11/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW03	2/10/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	1390	165	542	
MW03	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW04	8/14/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW04	11/18/2019	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW04	2/28/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW04	5/20/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW04	8/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW04	11/17/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW04	2/10/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	-	-	-	
MW04	5/4/2021	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	NA	NA	
MW05	8/14/2019	3.62	2.65	3.09	57.6	-	-	-	-	-	-	
MW05	11/18/2019	50.3	89.5	<1.00	172	-	-	-	-	-	-	
MW05	2/28/2020	<1.00	<1.00	<1.00	<1.00	-	-	-	-	-	-	
MW05	5/20/2020	12	32.9	2.24	29.9	-	-	-	-	-	-	
MW05	8/17/2020	12.2	48.2	3.61	55.7	-	-	-	-	-	-	
MW05	11/17/2020	2.58	18.6	8.42	109	-	-	-	-	-	-	
MW05	2/10/2021	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<4.00	1330	163	527	
MW05	5/4/2021	4.40	22.5	13.8	319	NA	NA	NA	NA	NA	NA	

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 910-1 per Rule 915.f within the Environmental Impact Prevention 900 Series.

Bold red values indicate an exceedance of the COGCC groundwater standards for the Site.

µg/L = micrograms per liter.



0 750 1,500 Feet

Figure 1

Site Location Map
South Booster 6
NESW S20 T1N R63W
Weld County, Colorado





DATE:	October 2019
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream – DJ Basin
S. Booster 6 inch
NESW, Section 20, Township 1 North, Range 63 West
Weld County, Colorado

Site Overview
Map

Figure
2



DATE:	May 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	C. Ambler



Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream – DJ Basin
S. Booster 6 inch
NESW, Section 20, Township 1 North, Range 63 West
Weld County, Colorado

Groundwater Elevation
Contour Map
(05/04/2021)

Figure
3



DATE:	May 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	C. Ambler



DCP Midstream – DJ Basin
S. Booster 6 inch
NESW, Section 20, Township 1 North, Range 63 West
Weld County, Colorado

Groundwater Analytical
Results Map
(05/04/2021)

Figure
4



May 11, 2021

Tasman Geosciences

Brian Humphrey

6855 West 119th Avenue

Broomfield CO 80020

Project Name - DCP - South Booster 6" Gathering Project Number - [none]

Attached are your analytical results for DCP - South Booster 6" Gathering received by Origins Laboratory, Inc. May 04, 2021. This project is associated with Origins project number Y105039-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01	Y105039-01	Water	May 4, 2021 10:00	05/04/2021 12:20
MW02	Y105039-02	Water	May 4, 2021 10:02	05/04/2021 12:20
MW03	Y105039-03	Water	May 4, 2021 10:12	05/04/2021 12:20
MW04	Y105039-04	Water	May 4, 2021 10:15	05/04/2021 12:20
MW05	Y105039-05	Water	May 4, 2021 10:30	05/04/2021 12:20

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

ORIGINS

LABORATORY, INC

410508239 www.originslaboratory.com

page 1 of 1

Client: DCP / Tasman
Address: 6855 W 119th Ave Broomfield, CO 80020
Telephone Number: 303-487-1228
Email Address: bhumphre@tasman-geo.com
Project Manager: Brian Humphrey; Steve Walters
Project Name: South Booster
Project Number:
Samples Collected By: V. Sengupta & S. Casalegno

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister #		
MW01	05/04/11	1000	3	X				X			910-1	1
MW02	05/04/11	1001	3	X				X			BTEX	2
MW03	05/04/11	1011	3	X				X				3
MW04	05/04/11	1015	3	X				X				4
MW05	05/04/11	1030	3	X				X				5
												6
												7
												8
												9
												10

Relinquished By: [Signature] Date: 4/4/21 Time: 12:20
Relinquished By: [Signature] Date: 5/4/21 Time: 12:20

Turnaround Time: Same Day ☐ 24 Hr ☐ 48 Hr ☐ 72 Hr ☒ Standard

Date Results Needed

15.1

Origins Laboratory, Inc.

[Signature]

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

Origins Laboratory

F-012207-01-R1
Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: Y105039

Client: Tasman

Client Project ID: South Booster

Checklist Completed by: SG

Shipped Via: 145
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 5/14/12

Airbill #: N/A

Matrix(s) Received: (Check all that apply): Soil/Solid ☒ Water ☐ Other: ☐

Cooler Number/Temperature: 1 / 15.1 °C 1 / 1 °C 1 / 1 °C (Describe) °C

Thermometer ID: T003

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?		<input checked="" type="checkbox"/>		<u>Save Day</u>
Is there ice present (document if blue ice is used)	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.		<input checked="" type="checkbox"/>		
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)		<input checked="" type="checkbox"/>		
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) jm

5-5-21
Date/Time Reviewed

Origins Laboratory, Inc.

Jordan A. Merrill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

MW01

5/4/2021 10:00:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y105039-01 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B1E0413	KDK	05/04/2021	05/04/2021	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130	"	"	"
Surrogate: Toluene-d8	99.1 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.7 %	70-130	"	"	"

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

MW02

5/4/2021 10:02:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y105039-02 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B1E0413	KDK	05/04/2021	05/04/2021	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130	"	"	"
Surrogate: Toluene-d8	99.9 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

MW03

5/4/2021 10:12:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y105039-03 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B1E0413	KDK	05/04/2021	05/04/2021	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130	"	"	"
Surrogate: Toluene-d8	99.7 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

MW04

5/4/2021 10:15:00AM

Analyte	Result	Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y105039-04 (Water)

BTEX by EPA 8260D

Benzene	ND	1.00	ug/L	1	B1E0413	KDK	05/04/2021	05/04/2021	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130	"	"	"
Surrogate: Toluene-d8	97.7 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Origins Laboratory, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

MW05

5/4/2021 10:30:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y105039-05 (Water)

BTEX by EPA 8260D

Benzene	4.40	4.00	ug/L	4	B1E0413	KDK	05/04/2021	05/04/2021
Toluene	22.5	4.00	"	"	"	KDK	"	"
Ethylbenzene	13.8	4.00	"	"	"	KDK	"	"
Xylenes, total	319	4.00	"	"	"	KDK	"	"

Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130			"	"	"
Surrogate: Toluene-d8	98.8 %	70-130			"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130			"	"	"

Origins Laboratory, Inc.



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Tasman Geosciences
6855 West 119th Avenue
Broomfield CO 80020

Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1E0413 - EPA 5030B (Water)

Blank (B1E0413-BLK1)

Prepared: 05/04/2021 Analyzed: 05/04/2021

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.1	70-130			
Surrogate: Toluene-d8	61		"	62.5		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		102	70-130			

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Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1E0413 - EPA 5030B (Water)

LCS (B1E0413-BS1)

Prepared: 05/04/2021 Analyzed: 05/04/2021

Benzene	47.5	1.00	ug/L	50.0		95.0	70-130			
Toluene	49.2	1.00	"	50.0		98.3	70-130			
Ethylbenzene	49.3	1.00	"	50.0		98.6	70-130			
m,p-Xylene	98.4	2.00	"	100		98.4	70-130			
o-Xylene	47.3	1.00	"	50.0		94.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	58		"	62.5		93.5	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1E0413 - EPA 5030B (Water)

Matrix Spike (B1E0413-MS1)		Source: Y105039-01			Prepared: 05/04/2021 Analyzed: 05/04/2021					
Benzene	50.2	1.00	ug/L	50.0	ND	100	70-130			
Toluene	51.5	1.00	"	50.0	ND	103	70-130			
Ethylbenzene	52.7	1.00	"	50.0	ND	105	70-130			
m,p-Xylene	104	2.00	"	100	ND	104	70-130			
o-Xylene	50.0	1.00	"	50.0	ND	99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	59		"	62.5		94.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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Brian Humphrey
Project Number: [none]
Project: DCP - South Booster 6" Gathering

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B1E0413 - EPA 5030B (Water)

Matrix Spike Dup (B1E0413-MSD1)		Source: Y105039-01			Prepared: 05/04/2021 Analyzed: 05/04/2021					
Benzene	48.8	1.00	ug/L	50.0	ND	97.5	70-130	2.89	20	
Toluene	50.3	1.00	"	50.0	ND	101	70-130	2.20	20	
Ethylbenzene	51.8	1.00	"	50.0	ND	104	70-130	1.82	20	
m,p-Xylene	101	2.00	"	100	ND	101	70-130	2.51	20	
o-Xylene	48.9	1.00	"	50.0	ND	97.8	70-130	2.17	20	
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.2	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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