

**DCP MIDSTREAM/PHILLIPS 66 - COAN AT-1-1 RELEASE
THIRD QUARTER 2024
FORM 27 SUPPLEMENTAL GROUNDWATER MONITORING SUMMARY REPORT**

ATTACHMENTS

Tables

- 1 Third Quarter 2024 Summary of Groundwater Elevation Data
- 2 Third Quarter 2024 Summary of Table 915-1 Organic Concentrations in Groundwater
- 3 Historical Summary of Table 915-1 Organic Concentrations in Groundwater

Figures

- 1 Site Location Map
- 2 Site Over Map with Monitoring Well Locations
- 3 Groundwater Elevation Contour Map – August 21, 2024
- 4 Groundwater Analytical Results Map – August 21, 2024

Appendices

- A Laboratory Analytical Reports
 - Pace Analytical Laboratory Job #: L1770663 (Groundwater)

TABLE 1
THIRD QUARTER 2024
SUMMARY OF GROUNDWATER ELEVATION DATA
DCP/P66 - COAN AT-1-1
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	11/2/2023	32.91	ND		43.08	4,965.69	4,932.78	1.84
MW01	2/22/2024	34.82	ND		43.25	4,965.69	4,930.87	-1.91
MW01	5/23/2024	33.71	ND		43.25	4,965.69	4,931.98	1.11
MW01	8/21/2024	36.40	ND		42.91	4,965.69	4,929.29	-2.69
MW02	11/2/2023	31.75	ND		41.80	4,964.75	4,933.00	2.15
MW02	2/22/2024	33.70	ND		42.40	4,964.75	4,931.05	-1.95
MW02	5/23/2024	32.73	ND		42.40	4,964.75	4,932.02	0.97
MW02	8/21/2024	29.61	ND		42.34	4,964.75	4,935.14	3.12
MW03	11/2/2023	32.56	ND		41.83	4965.02	4,932.46	1.94
MW03	2/22/2024	34.41	ND		42.43	4965.02	4,930.61	-1.85
MW03	5/23/2024	33.49	ND		42.43	4965.02	4,931.53	0.92
MW03	8/21/2024	30.46	ND		41.95	4965.02	4,934.56	3.03
MW04	11/2/2023	33.20	ND		40.91	4965.72	4,932.52	1.55
MW04	2/22/2024	35.09	ND		41.41	4965.72	4,930.63	-1.89
MW04	5/23/2024	33.84	ND		41.41	4965.72	4,931.88	1.25
MW04	8/21/2024	30.86	ND		41.23	4965.72	4,934.86	2.98
MW05	11/2/2023	32.43	ND		41.59	4965.50	4,933.07	1.72
MW05	2/22/2024	34.42	ND		42.05	4965.50	4,931.08	-1.99
MW05	5/23/2024	33.12	ND		42.05	4965.50	4,932.38	1.30
MW05	8/21/2024	30.02	ND		41.90	4965.50	4,935.48	3.10
Average Change in Groundwater Elevation (5/23/2024 to 8/21/24)								1.91

Notes:

amsl = feet above mean sea level

TOC = top of casing

Groundwater elevation = TOC Elevation - Measured Depth to Water

NM = Not Measured

ND = Not Detected

NC = Not Calculated

TABLE 2
THIRD QUARTER 2024 GROUNDWATER ANALYTICAL RESULTS
DCP/P66 - COAN AT-1-1
WELD COUNTY, COLORADO

Location Identification	Sample Date	Lab Report	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)
ECMC Standards (µg/L)⁽¹⁾			5	560	700	1,400	67	67	140
MW01	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW02	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW03	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW04	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW05	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00

Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Energy & Carbon Management Commission (ECMC) standards for contaminants in groundwater according to Table 915-1 of the ECMC 900 Series Rule for E&P Waste Management.

2). Standards are taken from the Colorado Department of Public Health and Environment - Water Quality Control Commission, 5 CCR 1002-41, Table A - Groundwater Organic Chemical Standards.

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

µg/L = micrograms per liter.

**TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL RESULTS
DCP/P66 - COAN AT-1-1
WELD COUNTY, COLORADO**

Location Identification	Sample Date	Lab Report	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)
ECMC Standards (µg/L)⁽¹⁾			5	560	700	1,400	67	67	140
MW01	6/19/2023	Y306460	34.2	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW01	8/2/2023	Y308071	4.20	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW01	11/2/2023	Y311076	2.16	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW01	2/22/2024	Y402551	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW01	5/23/2024	Y405697	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW01	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW02	8/2/2023	Y308071	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW02	11/2/2023	Y311076	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW02	2/22/2024	Y402551	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW02	5/23/2024	Y405697	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW02	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW03	8/2/2023	Y308071	26.5	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW03	11/2/2023	Y311076	9.86	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW03	2/22/2024	Y402551	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW03	5/23/2024	Y405697	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW03	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW04	8/2/2023	Y308071	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW04	11/2/2023	Y311076	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW04	2/22/2024	Y402551	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW04	5/23/2024	Y405697	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW04	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00
MW05	8/2/2023	Y308071	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW05	11/2/2023	Y311076	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW05	2/22/2024	Y402551	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW05	5/23/2024	Y405697	<1.00	<1.00	<1.00	<1.00	<2.00	<2.00	<2.00
MW05	8/21/2024	L1770663	<1.00	<1.00	<1.00	<3.00	<1.00	<1.00	<5.00

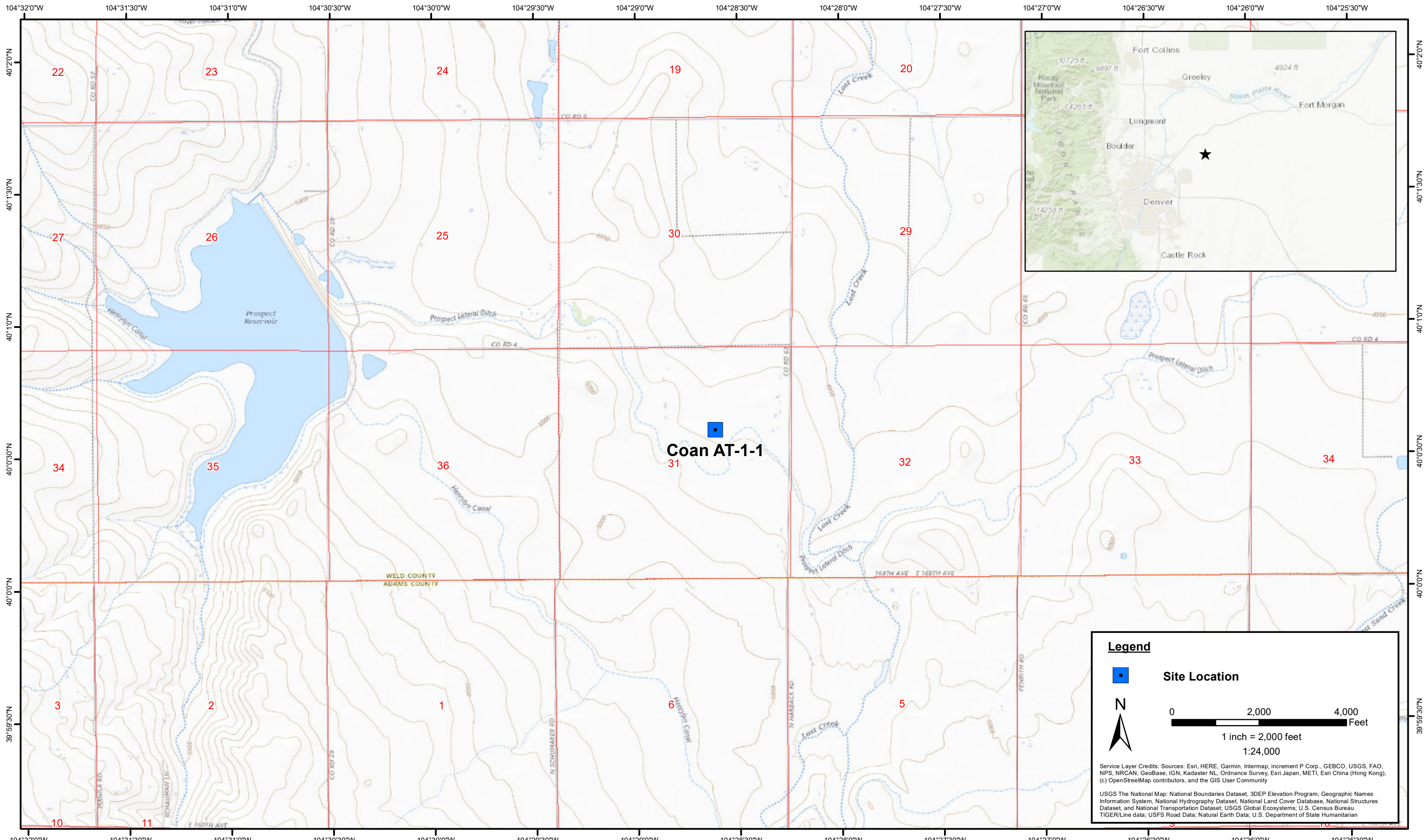
Notes:

1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Energy & Carbon Management Commission (ECMC) standards for contaminants in groundwater according to Table 915-1 of the ECMC 900 Series Rule for E&P Waste Management.

2). Standards are taken from the Colorado Department of Public Health and Environment - Water Quality Control Commission, 5 CCR 1002-41, Table A - Groundwater Organic Chemical

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

µg/L = micrograms per liter.



DATE:	April 2023
DESIGNED BY:	J. Watts
DRAWN BY:	J. Clonts



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

DCP Midstream/Phillips 66
Coan AT-1-1
 SWNE Sec. 31-T1N-R63W
 Weld County, Colorado

Site Location Map

Figure
1



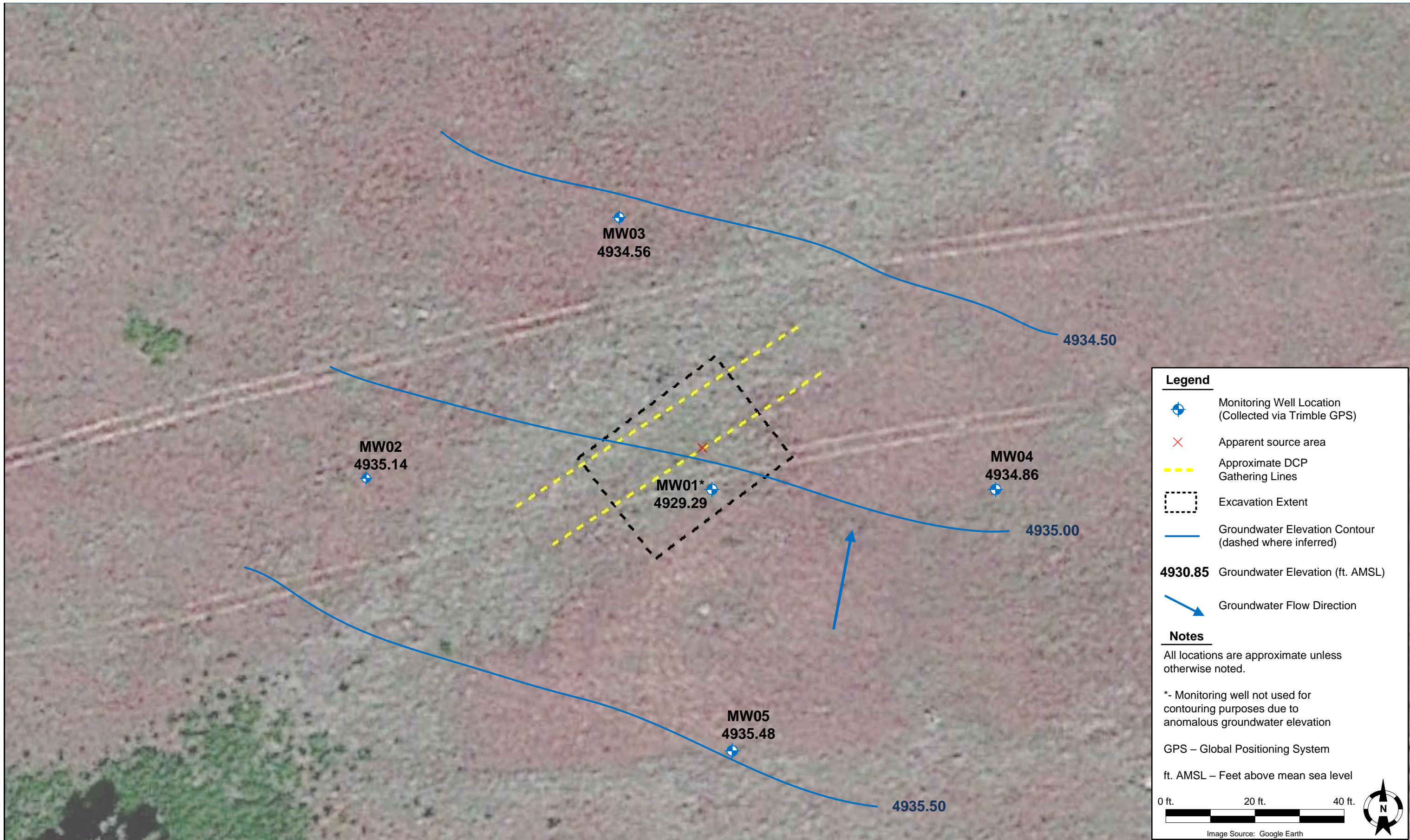
DATE:	August 2023
DESIGNED BY:	J. Watts
DRAWN BY:	M. Kaczmarek


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

DCP Midstream/Phillips 66
Coan AT-1-1
 SWNE Sec. 31-T1N-R63W
 Weld County, Colorado

Site Overview

Figure
2



DATE: September 2024

DESIGNED BY: J. Watts

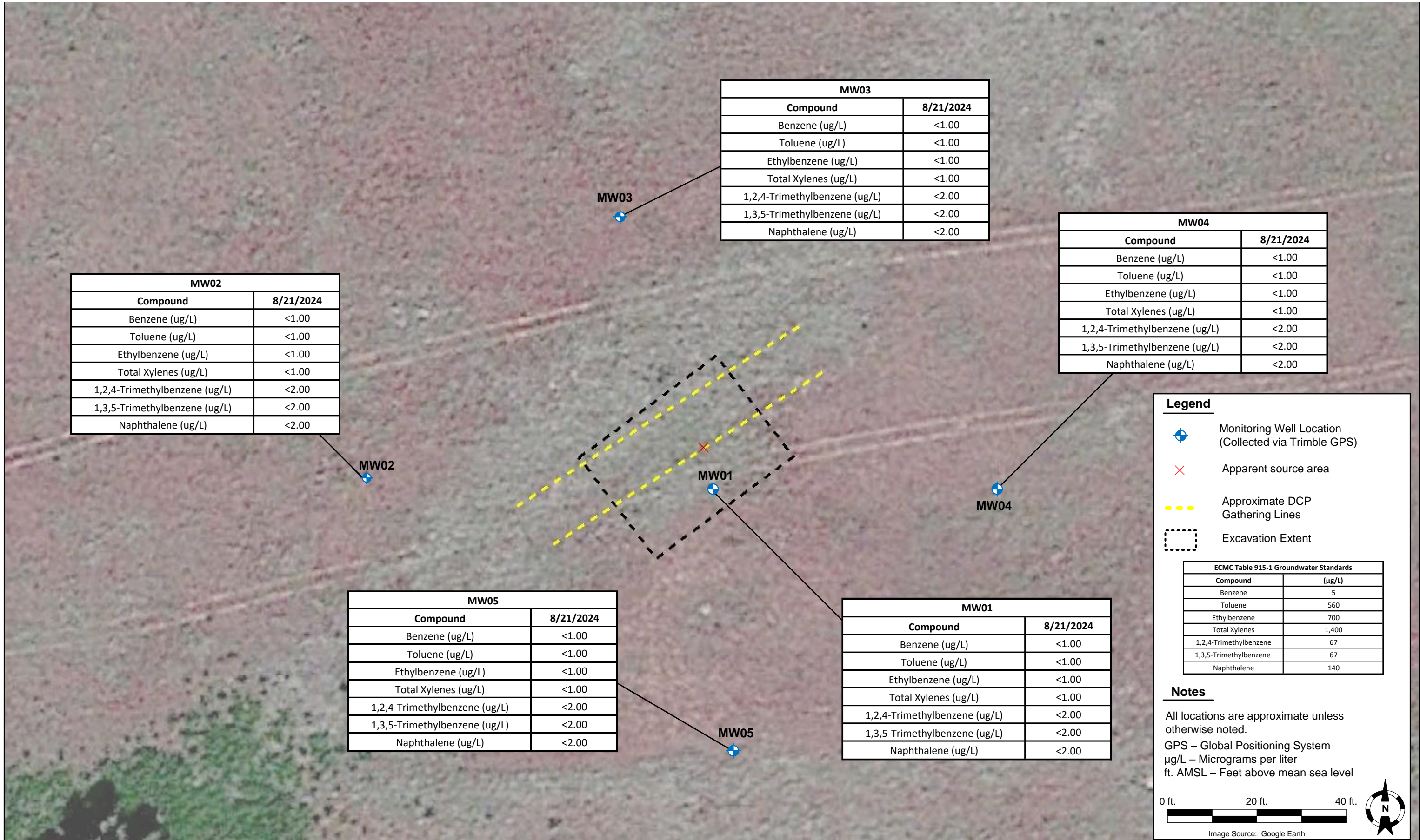
DRAWN BY: K. MacDonald



**DCP Midstream/Phillips 66
COAN AT-1-1**
SWNE Sec. 31-T1N-R63W
Weld County, Colorado

Groundwater Elevation Contour
Map
(08/21/2024)

FIGURE
3



MW03	
Compound	8/21/2024
Benzene (ug/L)	<1.00
Toluene (ug/L)	<1.00
Ethylbenzene (ug/L)	<1.00
Total Xylenes (ug/L)	<1.00
1,2,4-Trimethylbenzene (ug/L)	<2.00
1,3,5-Trimethylbenzene (ug/L)	<2.00
Naphthalene (ug/L)	<2.00

MW04	
Compound	8/21/2024
Benzene (ug/L)	<1.00
Toluene (ug/L)	<1.00
Ethylbenzene (ug/L)	<1.00
Total Xylenes (ug/L)	<1.00
1,2,4-Trimethylbenzene (ug/L)	<2.00
1,3,5-Trimethylbenzene (ug/L)	<2.00
Naphthalene (ug/L)	<2.00

MW02	
Compound	8/21/2024
Benzene (ug/L)	<1.00
Toluene (ug/L)	<1.00
Ethylbenzene (ug/L)	<1.00
Total Xylenes (ug/L)	<1.00
1,2,4-Trimethylbenzene (ug/L)	<2.00
1,3,5-Trimethylbenzene (ug/L)	<2.00
Naphthalene (ug/L)	<2.00

MW05	
Compound	8/21/2024
Benzene (ug/L)	<1.00
Toluene (ug/L)	<1.00
Ethylbenzene (ug/L)	<1.00
Total Xylenes (ug/L)	<1.00
1,2,4-Trimethylbenzene (ug/L)	<2.00
1,3,5-Trimethylbenzene (ug/L)	<2.00
Naphthalene (ug/L)	<2.00

MW01	
Compound	8/21/2024
Benzene (ug/L)	<1.00
Toluene (ug/L)	<1.00
Ethylbenzene (ug/L)	<1.00
Total Xylenes (ug/L)	<1.00
1,2,4-Trimethylbenzene (ug/L)	<2.00
1,3,5-Trimethylbenzene (ug/L)	<2.00
Naphthalene (ug/L)	<2.00

Legend

- Monitoring Well Location (Collected via Trimble GPS)
- Apparent source area
- Approximate DCP Gathering Lines
- Excavation Extent

ECMC Table 915-1 Groundwater Standards	
Compound	(ug/L)
Benzene	5
Toluene	560
Ethylbenzene	700
Total Xylenes	1,400
1,2,4-Trimethylbenzene	67
1,3,5-Trimethylbenzene	67
Naphthalene	140

Notes

All locations are approximate unless otherwise noted.
 GPS – Global Positioning System
 ug/L – Micrograms per liter
 ft. AMSL – Feet above mean sea level

0 ft. 20 ft. 40 ft.

Image Source: Google Earth

DATE: September 2024

DESIGNED BY: J. Watts

DRAWN BY: K. MacDonald

Tasman, Inc.
 6855 W. 119th Avenue
 Broomfield, Colorado 80020

DCP Midstream/Phillips 66
COAN AT-1-1
 SWNE Sec. 31-T1N-R63W
 Weld County, Colorado

Groundwater Analytical
Map
(08/21/2024)

FIGURE
4

Tasman Geosciences- Broomfield, CO

Sample Delivery Group: L1770663
Samples Received: 08/23/2024
Project Number:
Description: COAN AT-1-1

Report To: S. Weathers, B. Humphrey, J. Watts
6855 W. 119th Avenue
Broomfield, CO 80020

Entire Report Reviewed By:



Chris Ward
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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SAMPLE SUMMARY

MW01 L1770663-01 GW

Collected by: Blake Ulrich
 Collected date/time: 08/21/24 12:29
 Received date/time: 08/23/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2350083	1	08/25/24 16:29	08/25/24 16:29	GLN	Mt. Juliet, TN

1 Cp

2 Tc

MW02 L1770663-02 GW

Collected by: Blake Ulrich
 Collected date/time: 08/21/24 13:25
 Received date/time: 08/23/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2350083	1	08/25/24 16:48	08/25/24 16:48	GLN	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

MW03 L1770663-03 GW

Collected by: Blake Ulrich
 Collected date/time: 08/21/24 12:57
 Received date/time: 08/23/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2350083	1	08/25/24 17:07	08/25/24 17:07	GLN	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

MW04 L1770663-04 GW

Collected by: Blake Ulrich
 Collected date/time: 08/21/24 12:33
 Received date/time: 08/23/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2350083	1	08/25/24 17:25	08/25/24 17:25	GLN	Mt. Juliet, TN

9 Sc

MW05 L1770663-05 GW

Collected by: Blake Ulrich
 Collected date/time: 08/21/24 12:54
 Received date/time: 08/23/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2350083	1	08/25/24 17:44	08/25/24 17:44	GLN	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Chris Ward
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Report Revision History

Level II Report - Version 1: 08/29/24 14:40

Project Narrative

Report reissued for corrected VOC list

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	ND		0.00100	1	08/25/2024 16:29	WG2350083
Toluene	ND		0.00100	1	08/25/2024 16:29	WG2350083
Ethylbenzene	ND		0.00100	1	08/25/2024 16:29	WG2350083
Xylenes, Total	ND		0.00300	1	08/25/2024 16:29	WG2350083
Naphthalene	ND		0.00500	1	08/25/2024 16:29	WG2350083
1,2,4-Trimethylbenzene	ND		0.00100	1	08/25/2024 16:29	WG2350083
1,3,5-Trimethylbenzene	ND		0.00100	1	08/25/2024 16:29	WG2350083
(S) Toluene-d8	103		80.0-120		08/25/2024 16:29	WG2350083
(S) 4-Bromofluorobenzene	113		77.0-126		08/25/2024 16:29	WG2350083
(S) 1,2-Dichloroethane-d4	81.4		70.0-130		08/25/2024 16:29	WG2350083

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/25/2024 16:48	WG2350083
Toluene	ND		0.00100	1	08/25/2024 16:48	WG2350083
Ethylbenzene	ND		0.00100	1	08/25/2024 16:48	WG2350083
Xylenes, Total	ND		0.00300	1	08/25/2024 16:48	WG2350083
Naphthalene	ND		0.00500	1	08/25/2024 16:48	WG2350083
1,2,4-Trimethylbenzene	ND		0.00100	1	08/25/2024 16:48	WG2350083
1,3,5-Trimethylbenzene	ND		0.00100	1	08/25/2024 16:48	WG2350083
(S) Toluene-d8	101		80.0-120		08/25/2024 16:48	WG2350083
(S) 4-Bromofluorobenzene	110		77.0-126		08/25/2024 16:48	WG2350083
(S) 1,2-Dichloroethane-d4	80.7		70.0-130		08/25/2024 16:48	WG2350083

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/25/2024 17:07	WG2350083
Toluene	ND		0.00100	1	08/25/2024 17:07	WG2350083
Ethylbenzene	ND		0.00100	1	08/25/2024 17:07	WG2350083
Xylenes, Total	ND		0.00300	1	08/25/2024 17:07	WG2350083
Naphthalene	ND		0.00500	1	08/25/2024 17:07	WG2350083
1,2,4-Trimethylbenzene	ND		0.00100	1	08/25/2024 17:07	WG2350083
1,3,5-Trimethylbenzene	ND		0.00100	1	08/25/2024 17:07	WG2350083
(S) Toluene-d8	103		80.0-120		08/25/2024 17:07	WG2350083
(S) 4-Bromofluorobenzene	114		77.0-126		08/25/2024 17:07	WG2350083
(S) 1,2-Dichloroethane-d4	82.8		70.0-130		08/25/2024 17:07	WG2350083

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/25/2024 17:25	WG2350083
Toluene	ND		0.00100	1	08/25/2024 17:25	WG2350083
Ethylbenzene	ND		0.00100	1	08/25/2024 17:25	WG2350083
Xylenes, Total	ND		0.00300	1	08/25/2024 17:25	WG2350083
Naphthalene	ND		0.00500	1	08/25/2024 17:25	WG2350083
1,2,4-Trimethylbenzene	ND		0.00100	1	08/25/2024 17:25	WG2350083
1,3,5-Trimethylbenzene	ND		0.00100	1	08/25/2024 17:25	WG2350083
(S) Toluene-d8	102		80.0-120		08/25/2024 17:25	WG2350083
(S) 4-Bromofluorobenzene	107		77.0-126		08/25/2024 17:25	WG2350083
(S) 1,2-Dichloroethane-d4	86.3		70.0-130		08/25/2024 17:25	WG2350083

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Benzene	ND		0.00100	1	08/25/2024 17:44	WG2350083
Toluene	ND		0.00100	1	08/25/2024 17:44	WG2350083
Ethylbenzene	ND		0.00100	1	08/25/2024 17:44	WG2350083
Xylenes, Total	ND		0.00300	1	08/25/2024 17:44	WG2350083
Naphthalene	ND		0.00500	1	08/25/2024 17:44	WG2350083
1,2,4-Trimethylbenzene	ND		0.00100	1	08/25/2024 17:44	WG2350083
1,3,5-Trimethylbenzene	ND		0.00100	1	08/25/2024 17:44	WG2350083
(S) Toluene-d8	103		80.0-120		08/25/2024 17:44	WG2350083
(S) 4-Bromofluorobenzene	112		77.0-126		08/25/2024 17:44	WG2350083
(S) 1,2-Dichloroethane-d4	82.9		70.0-130		08/25/2024 17:44	WG2350083

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R4113321-3 08/25/24 10:39

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Benzene	U		0.0000941	0.00100
Toluene	U		0.000278	0.00100
Ethylbenzene	U		0.000137	0.00100
Xylenes, Total	U		0.000174	0.00300
Naphthalene	U		0.00100	0.00500
(S) Toluene-d8	107			80.0-120
(S) 4-Bromofluorobenzene	118			77.0-126
(S) 1,2-Dichloroethane-d4	79.6			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4113321-1 08/25/24 09:44 • (LCSD) R4113321-2 08/25/24 10:02

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
1,2,4-Trimethylbenzene	0.00500	0.00405	0.00398	81.0	79.6	76.0-121			1.74	20
1,3,5-Trimethylbenzene	0.00500	0.00411	0.00384	82.2	76.8	76.0-122			6.79	20
Benzene	0.00500	0.00465	0.00497	93.0	99.4	70.0-123			6.65	20
Toluene	0.00500	0.00547	0.00506	109	101	79.0-120			7.79	20
Ethylbenzene	0.00500	0.00549	0.00524	110	105	79.0-123			4.66	20
Xylenes, Total	0.0150	0.0177	0.0162	118	108	79.0-123			8.85	20
Naphthalene	0.00500	0.00432	0.00426	86.4	85.2	54.0-135			1.40	20
(S) Toluene-d8				112	104	80.0-120				
(S) 4-Bromofluorobenzene				115	112	77.0-126				
(S) 1,2-Dichloroethane-d4				78.0	77.9	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

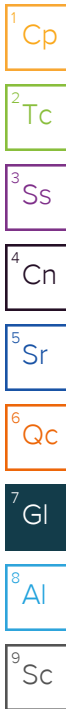
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Pace Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Mt Juliet, TN
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY - Affix Workorder/Login Label Here



Scan QR Code for instructions

Company Name: DCP Midstream - Tasman
 Street Address: 6855 W 119th Ave, Broomfield, CO, 80020
 Customer Project #: COAN AT-1-1
 Site Collection Info/Facility ID (as applicable):
 Time Zone Collected: AK PT MT CT ET
 Contact/Report To: S. Weathers, B. Humphrey, J. Watts
 Phone #: 303-487-1228
 E-Mail: Stephen.Weathers@p66.com, bhumphrey@tasman-geo.com, jwatts@tasman-geo.com
 Cc E-Mail: bgabel@tasman-geo.com
 Invoice to: Steve Weathers
 Invoice E-mail: Stephen.Weathers@p66.com
 Purchase Order # (if applicable):
 Quote #:
 County/State origin of sample(s): Weld, CO

Specify Container Size **
 6
 Identify Container Preservative Type***
 4
 Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other
 *** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Data Deliverables: Level II Level III Level IV EQUIS Other
 Regulatory Program (DW, RCRA, etc.) as applicable: Reportable Yes No
 Rush (Pre-approval required): Same Day 1 Day 2 Day 3 Day Other
 Date Results Requested:
 DW PWSID # or WW Permit # as applicable:
 Field Filtered (if applicable): Yes No
 Analysis:

Proj. Mgr:
 AcctNum / Client ID:
 Table #: 4770623
 Profile / Template:
 Prelog / Bottle Ord. ID:
 Sample Comment

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OI), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		VR260BTEX+TMS 40ml/Amb-HCl	Lab Use Only	Preservation non-conformance identified for sample.
			Date	Time	Date	Time		Result	Units			
MW01	GW	Grab	-	-	8-21-24	1229	3	-	-	X		-01
MW02	GW	Grab	-	-	↓	1325	3	-	-	X		-02
MW03	GW	Grab	-	-	↓	1257	3	-	-	X		-03
MW04	GW	Grab	-	-	↓	1233	3	-	-	X		-04
MW05	GW	Grab	-	-	↓	1254	3	-	-	X		-05

0.74.3 = 1.0 TLM4
 Sample Receipt Checklist
 COC Seal Present/Intact: Y N If Applicable
 COC Signed/Accurate: Y N VOA Zero Headspace: Y N
 Bottles arrive intact: Y N Pres. Correct/Check: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 RA Screen <0.5 mR/hr: Y N
 4102 9166 3676

Additional Instructions from Pace*:
 Collected By: Blake Curran
 Printed Name: Blake Curran
 Signature: [Signature]

Customer Remarks / Special Conditions / Possible Hazards:
 # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): On Ice

Relinquished by/Company: (Signature) [Signature]	Date/Time: 8/21/24 1830	Received by/Company: (Signature) [Signature]	Date/Time: 8/22/24 0851	Tracking Number:
Relinquished by/Company: (Signature) [Signature]	Date/Time: 8/22/24 1800	Received by/Company: (Signature) [Signature]	Date/Time: 8/23/24 0900	Delivered by: <input type="checkbox"/> In-Person <input type="checkbox"/> Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	<input type="checkbox"/> FedEx <input type="checkbox"/> UPS <input type="checkbox"/> Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1