DCP Midstream
370 17th Street, Suite 2500
Denver, CO 80202
303-595-3331
303-605-2226 *FAX*

January 18, 2016

Mr. Rick Allison **Via EMAIL**
Environmental Protection Specialist
Colorado Oil and Gas Conversation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203

RE: 4th Quarter 2015 Groundwater Monitoring Summary Report
Eaton Commons Release – Remediation # 9251
Weld County, Colorado

Dear Mr. Allison:

DCP Midstream, LP (DCP), is pleased to submit for your review, a one copy of the 4th Quarter 2015 Groundwater Monitoring Report for the DCP Eaton Commons Releases located in Eaton, Colorado (NE ¼ , SE ¼ Section 31, T7N, R65E).

If you have any questions regarding the report, please call me at 303-605-1718 or email me at swweathers@dcpmidstream.com.

Sincerely

DCP Midstream, LP

Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Environmental Files

Fourth Quarter 2015 Groundwater Monitoring Summary Report

Eaton Commons Release
Weld County, Colorado
Remediation #9251

Prepared for:

370 17th St., Suite 2500
Denver, CO 80202

Prepared by:

6899 Pecos Street, Unit C
Denver, Colorado 80221

January 15, 2016

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Figures

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1. Introduction

This report summarizes the groundwater monitoring and remediation activities conducted during the fourth quarter 2015 at the Eaton Commons project (Site) in Weld County, Colorado (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The field activities were conducted with the purpose of monitoring groundwater flow and quality conditions in the Site subsurface and performing groundwater remediation. Current Site conditions were evaluated from field data and analytical laboratory results collected during the reporting period on October 7 and 22, 2015.

2. Site Location and Background

The Site is located in the northeastern quarter of the southeastern quarter of Section 31, Township 7 North, Range 65 West (approximate coordinates 40.528161 degrees north and -104.696969 degrees west). It is approximately 0.28 miles north of the intersection of US Highway 74 and County Road 39 within the Eaton Commons Neighborhood. Specifically, the Site is located partially within two backyards of private residences located at 301 Hickory Street and 940 East Third St in the southeast corner of the Eaton Commons neighborhood.

On May 4, 2015, a petroleum hydrocarbon release from a buried DCP sales line was discovered. An initial Form 19 was submitted to the Colorado Oil and Gas Conservation Commission (COGCC) on May 6, 2015 and a supplemental Form 19 was submitted on June 2, 2015. Excavation activities were conducted to remove surface and subsurface soil impacts and approximately 1,140 cubic yards of impacted soil was removed and disposed of at the Waste Management Facility in Ault, CO.

Additionally, during excavation activities, groundwater was encountered at approximately 8-feet below ground surface (bgs) and approximately 375 barrels of groundwater was removed from the excavation with a vacuum truck prior to backfilling.

A Form 27 (document number 200437203) was submitted to the COGCC on August 20, 2015 and the COGCC issued remediation #9251 for the Site. Groundwater monitoring and remediation activities are being conducted in accordance with the approved work plan provided in the Form 27.

2.1 Monitoring Well Installation

In accordance with the Form 27 and the September 15, 2015 Conditions of Approval (COA) as set forth by the COGCC, additional groundwater monitoring well installation (BH06, BH07, BH07R, & BH08) was conducted between September 25 and October 16, 2015, as illustrated on Figure 2. On September 25, 2015 during direct push drilling activities at BH07, the direct push drill rig reached refusal at approximately 11 feet bgs which was not within the saturated interval. However, due to moist soils that were encountered at approximately 8 feet bgs, a monitoring well with a 5-foot screened interval from 11 to 6 feet bgs was installed to observe groundwater infiltration over time, if any.

Subsequent to an approximate one week period, BH07 was gauged and groundwater was not observed within the well. Therefore, on October 16, 2015, supplemental hollow stem auger drilling activities were conducted to install monitoring wells BH07R and BH08.

3. Groundwater Monitoring

This section describes the field and laboratory activities performed during the fourth quarter 2015 groundwater monitoring event. Quarterly monitoring activities were conducted on October 7 and 22, 2015, and included Site-wide groundwater gauging and sampling. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater Elevation Monitoring

Groundwater levels were measured in order to evaluate hydraulic characteristics and provide information regarding seasonal fluctuations in groundwater elevations at the Site. During the fourth quarter 2015, groundwater levels were measured at eight (8) monitoring well locations.

Groundwater levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater level data were later converted to elevation (feet above mean sea level [AMSL]). Measured groundwater levels and the calculated groundwater elevations are presented in Table 1.

A fourth quarter 2015 groundwater elevation contour map, included as Figure 3, indicates that groundwater flow at the Site generally trends to the northwest. The range of groundwater elevations and the calculated average hydraulic gradient (using elevations from BH02 and BH08) at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	Fourth Quarter 2015 (10/7 & 10/22/15)
Maximum Elevation (Well ID)	4,824.47 (BH02)
Minimum Elevation (Well ID)	4,815.15 (BH08)
Average Hydraulic Gradient (ft/ft) / (Well IDs)	0.061 (BH02 to BH08)

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected from each of the 8 monitoring wells using dedicated polyethylene bailers.

A minimum of three well casing volumes of groundwater were purged from each monitoring well prior to collecting groundwater samples. Groundwater samples were placed in clean laboratory supplied containers for the selected analytical methods, packed in an ice-filled cooler and maintained at approximately four degrees Celsius (^{0}C) for transportation to the laboratory. Groundwater samples were then delivered under chain-of-custody procedures to Summit Scientific Laboratories (Summit) in Golden, CO for analysis.

Water quality samples were submitted for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the reporting period. Analytical results up to and including the fourth quarter 2015 event are included in Appendix A and the laboratory analytical report for the fourth quarter 2015 is included in Appendix B. Analytical results are also displayed on Figure 4.

Analytical results/observations are summarized below:

- Benzene concentrations in groundwater samples from wells BH03 and BH05 were in exceedance of the COGCC Table 910-1 standard of 5 micrograms per liter (µg/L). The remaining constituent concentrations from those well samples were below COGCC standards.
- BTEX concentrations at the remaining six sampled locations were below COGCC standards and/or below laboratory detection limits.

4. Remediation Activities

This Section includes a description of the active and anticipated remediation activities at the Site along with observations during remediation efforts.

4.1 Groundwater Remediation Activities

Vacuum enhanced fluid recovery (EFR) and air sparge (AS) groundwater remediation events were initiated at the Site on August 26, 2015 at the EFR/AS well locations and the horizontal remediation wells illustrated on Figure 2. In accordance with the COA for the Form 27, during the August 26 and October 10, 2015 remediation events, pressure and vacuum readings were periodically measured at monitoring wells BH01 through BH05 to monitor the radius of influence (ROI) of EFR/AS activities. During both events, positive pressure was measured at monitoring wells BH03 and BH04 when sparge air was applied to the AS wells and/or the horizontal remediation wells while EFR was also being conducted. Therefore, in an effort to eliminate the potential of mobilizing impacted groundwater downgradient and below the private residences, AS remediation activities have been removed from the Site work plan and weekly EFR activities are being conducted.

Between August 26 and December 28, 2015, two EFR/AS events and 12 EFR only remediation events were conducted. During the EFR only events, vacuum was applied continuously to the EFR, AS, and horizontal remediation wells illustrated on Figure 2 during each event for a minimum 6-hour period. A total of approximately 82 barrels (bbls) of groundwater has been recovered through EFR remediation activities and was disposed of at the NGL Water Solutions DJ, LLC, C-3 disposal well in LaSalle, CO.

4.2 Supplemental Remediation Efforts

Additional remediation efforts described in the approved Form 27 included the following:

- Excavation and disposal of impacted soil that remains in place, up-gradient, and to the east of the initial excavation;

- Installation of up to six up-gradient monitoring wells, contingent on the results of supplemental excavation activities; and,
- Installation of one monitoring well within the excavation/source area or collection of a groundwater sample from an EFR well.

The September 15, 2015 COA required that additional remediation activities were to commence within 90 days of the Form 27 approval. However, the homeowners on-Site requested that prior to commencing the additional remediation activities and subsequent to completion of landscaping, a 6-foot privacy fence be installed along the eastern boundary of the properties. The property owners have led the privacy fence installation effort which was initiated during the week of December 27, 2015 and is anticipated to be completed during the first week of January 2016. Once the privacy fence is installed, Tasman and DCP will schedule the additional remediation activities.

Additionally, the homeowners did not give approval to install an additional well within their property. Therefore, groundwater samples were attempted to be collected from the EFR wells on two separate occasions using a peristaltic pump and flexible tubing to access the groundwater interval. However, the groundwater sampling activities at the EFR well locations were unsuccessful. Future attempts and alternate methods to collect groundwater samples from the EFR wells will be evaluated during the first quarter 2016.

5. Conclusions

Evaluation of the fourth quarter 2015 monitoring data provides the following general observations:

- During the fourth quarter 2015, groundwater flow at the Site was towards the northwest. Subsequent monitoring data will be used to compare to the fourth quarter data to evaluate groundwater characteristics at the Site.
- Benzene concentrations in exceedance of the COGCC Table 910-1 standards were observed at monitoring wells BH03 and BH05. The remaining six sampled locations exhibited BTEX concentrations below the standards and/or below laboratory detection limits during the fourth quarter 2015.
- AS remediation activities were discontinued due to the observed pressure readings at two downgradient monitoring wells.
- EFR remediation has been successful at removing impacted groundwater from the source area.

6. Recommendations

Based on evaluation of data and Site activities from the fourth quarter 2015, recommendations for the Site include:

- Continue quarterly groundwater monitoring and sampling at the monitoring well locations illustrated on Figure 2.

- Continue weekly EFR activities at the EFR, AS, and horizontal remediation wells illustrated on Figure 2.
- Initiate supplemental excavation, remediation, and well installation efforts as described in the approved Form 27 during the first quarter 2016.
- Collect a groundwater sample from the EFR wells during the first quarter 2016.
- Abandon monitoring well BH07 in accordance with applicable State standards.
- Submit a Remediation Implementation Report summarizing the additional remediation and investigation efforts within 60 days of completion of those efforts.

Tables

TABLE 1
FOURTH QUARTER 2015
SUMMARY OF GROUNDWATER ELEVATION DATA
EATON COMMONS RELEASE
WELD COUNTY, COLORADO

Location	Date	Depth to Groundwater (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)
BH01	10/7/2015	5.25	10.45	4829.11	4823.86
BH02	10/7/2015	5.51	10.51	4829.98	4824.47
BH03	10/7/2015	8.33	11.15	4830.93	4822.60
BH04	10/7/2015	9.16	11.30	4830.80	4821.64
BH05	10/7/2015	7.56	10.70	4829.76	4822.20
BH06	10/7/2015	9.64	14.63	4831.81	4822.17
BH07R	10/22/2015	12.52	22.36	4830.24	4817.72
BH08	10/22/2015	15.24	24.09	4830.39	4815.15

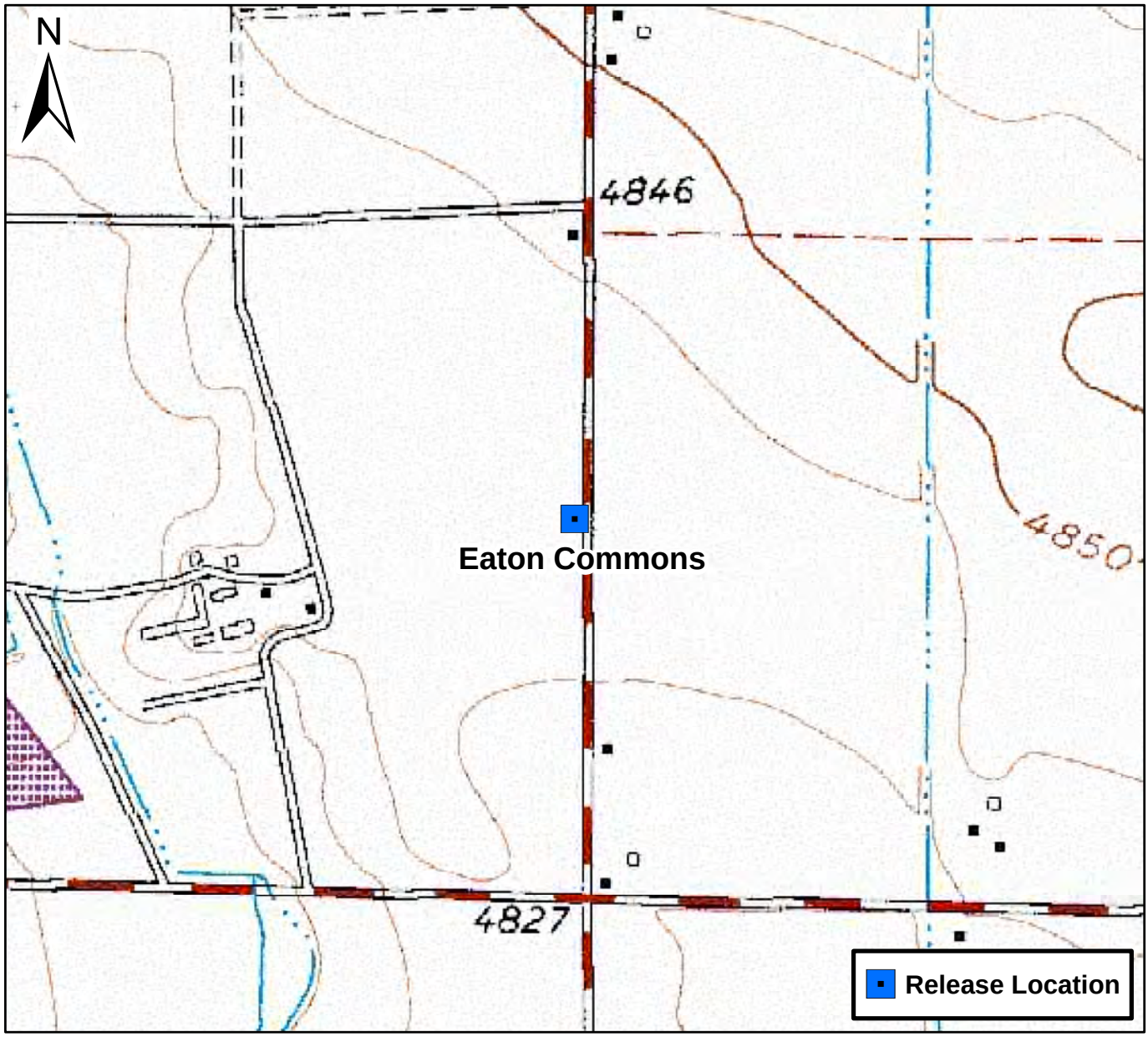
Notes:
amsl = feet above mean sea level
TOC = top of casing
Groundwater elevation = (TOC Elevation - Measured Depth to Water)

TABLE 2
FOURTH QUARTER 2015
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
EATON COMMONS RELEASE
WELD COUNTY, COLORADO

Location Identification	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)
COGCC Standards (µg/L)		**5**	**560**	**700**	**1,400**
BH01	10/7/2015	<1.0	<1.0	<1.0	<1.0
BH02	10/7/2015	<1.0	<1.0	<1.0	<1.0
BH03	10/7/2015	**4,600**	1.8	81	14
BH04	10/7/2015	<1.0	<1.0	<1.0	<1.0
BH05	10/7/2015	**76**	7.2	<1.0	5.2
BH06	10/7/2015	<1.0	<1.0	2.4	<1.0
BH07R	10/22/2015	<1.0	<1.0	<1.0	<1.0
BH08	10/22/2015	<1.0	<1.0	<1.0	<1.0

Notes:
Bold values indicate an exceedance of the COGCC groundwater standards for the Site.
µg/L = micrograms per liter.

Figures



0 750 1,500 Feet

Figure 1

Site Location Map
Eaton Commons
NESE S31 T7N R65W
Weld County, Colorado

TASMAN GEOSCIENCES

Drawn By: DBA
Date: 6/11/2015

DATE: December 2015 DESIGNED BY: B. Humphrey DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, Inc 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Eaton Commons** NESE Section 31, Township 7 North, Range 65 West Weld County, Colorado	Site Overview Map with Well Locations	Figure 2

BH08
4815.15

4816

4817

BH07R
4817.72

BH07
DRY

4818

4819

4820

4821

4822

4823

4824

BH05
4822.20

BH04
4821.64

BH06
4822.17

BH03
4822.60

BH02
4824.47

BH01
4823.86

Legend

- Monitoring Well Location
- Groundwater Elevation Contour (Dashed where inferred)
- Final Excavation Extent
- 4824.47 Measured Groundwater Elevation (feet AMSL)
- Approximate Groundwater Flow Direction

Notes:

AMSL - Above Mean Sea Level

N

0 10 20 Feet

Imagery Source: Google Earth; 2015 Google

DATE: December 2015 DESIGNED BY: B. Humphrey DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, Inc 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Eaton Commons** NESE Section 31, Township 7 North, Range 65 West Weld County, Colorado	Groundwater Elevation Contour Map (October 22, 2015)	Figure 3

BH08	
	10/22/2015
Compound	(µg/l)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

BH07R	
	10/22/2015
Compound	(µg/l)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

BH03	
	10/07/2015
Compound	(µg/l)
Benzene	4,600
Toluene	1.8
Ethylbenzene	81
Total Xylenes	14

BH02	
	10/07/2015
Compound	(µg/l)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

BH05	
	10/07/2015
Compound	(µg/l)
Benzene	76
Toluene	7.2
Ethylbenzene	<1.0
Total Xylenes	5.2

BH04	
	10/07/2015
Compound	(µg/l)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

BH06	
	10/07/2015
Compound	(µg/l)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	2.4
Total Xylenes	<1.0

BH01	
	10/07/2015
Compound	(µg/l)
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Total Xylenes	<1.0

Legend

Monitoring Well Location

Final Excavation Extent

Notes:

(µg/L) - micrograms per liter

COGCC Groundwater Standards	
Compound	(µg/L)
Benzene	5
Toluene	560
Ethylbenzene	700
Total Xylenes	1,400

N

0 10 20 Feet

DATE: December 2015

DESIGNED BY: B. Humphrey

DRAWN BY: D. Arnold

TASMAN GEOSCIENCES

Tasman Geosciences, Inc
6899 Pecos Street - Unit C
Denver, CO 80221

DCP Midstream
Eaton Commons
NESE Section 31, Township 7 North, Range 65 West
Weld County, Colorado

Groundwater Analytical Results Map
(October 7 & 22, 2015)

Figure 4

Appendix A

Historic Analytical Results

APPENDIX A
HISTORICAL ANALYTICAL DATA
EATON COMMONS RELEASE
WELD COUNTY, COLORADO

Location Identification	Sample Date	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)
COGCC Standards (µg/L)		**5**	**560**	**700**	**1,400**
BH01	6/11/2015	<1.0	<1.0	<1.0	<1.0
BH01	10/7/2015	<1.0	<1.0	<1.0	<1.0
BH02	6/11/2015	<1.0	4.3	2.7	14
BH02	10/7/2015	<1.0	<1.0	<1.0	<1.0
BH03	6/11/2015	**2,600**	1.2	14	70
BH03	10/7/2015	**4,600**	1.8	81	14
BH04	6/11/2015	<1.0	<1.0	<1.0	<1.0
BH04	10/7/2015	<1.0	<1.0	<1.0	<1.0
BH05	6/11/2015	<1.0	<1.0	<1.0	<1.0
BH05	10/7/2015	**76**	7.2	<1.0	5.2
BH06	10/7/2015	<1.0	<1.0	2.4	<1.0
BH07R	10/22/2015	<1.0	<1.0	<1.0	<1.0
BH08	10/22/2015	<1.0	<1.0	<1.0	<1.0

Notes:
Bold values indicate an exceedance of the COGCC groundwater standards for the Site.
µg/L = micrograms per liter.

Appendix B

Laboratory Analytical Report

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

October 08, 2015

Steve Weathers
DCP Midstream
370 17th Street #2500
Denver, CO 80202

RE: Eaton Commons

Enclosed are the results of analyses for samples received by Summit Scientific on 10/07/15 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Shrewsbury
President

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH01	1510041-01	Water	10/07/15 13:45	10/07/15 17:30
BH02	1510041-02	Water	10/07/15 14:15	10/07/15 17:30
BH03	1510041-03	Water	10/07/15 14:30	10/07/15 17:30
BH04	1510041-04	Water	10/07/15 14:10	10/07/15 17:30
BH05	1510041-05	Water	10/07/15 13:56	10/07/15 17:30
BH06	1510041-06	Water	10/07/15 14:20	10/07/15 17:30

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

Summit Scientific 1510041

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: DCP Midstream
Address:
City/State/Zip:
Phone: Fax:
Sampler Name: Brian Humphrey

Project Manager: Steve Weathers
E-Mail: SJWeathers@dcpmidstream.com
Project Name:
Project Number: Eaton Commons

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Soil	Matrix: Air - Canister Serial #	Matrix: Other (Specify)	Analyze For: 8260 BTEX	Special Instructions
BH01	10/7/15	1345	1					X				X	
BH02		1415	1										
BH03		1430	1										
BH04		1410	1										
BH05		1356	1										
BH06		1420	1										

Relinquished by: Date/Time: 1708-10/7/15
Received by: Date/Time: 10/7/15 1708
Relinquished by: Date/Time: 10/7/15 1730
Received by: Date/Time: 10/7 1730
Relinquished by: Date/Time:
Received in Lab by: Date/Time:

Turn Around Time (Check)
Same Day ☐ 72 Hours ☐
24 Hours ☒ Standard ☐
48 Hours ☐

Sample Integrity:
Temperature Upon Receipt: 4.8C on ice
Intact: Yes No

Notes:

www.s2scientific.com

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

BH01
1510041-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/07/15 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1510058	10/07/15	10/07/15	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/07/15 13:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*96.0 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*45-146*		"	"	"	"	

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

BH02

1510041-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/07/15 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1510058	10/07/15	10/07/15	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/07/15 14:15**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*95.4 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*45-146*		"	"	"	"	

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

BH03

1510041-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/07/15 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**4600**	100	ug/l	100	1510058	10/07/15	10/07/15	EPA 8260B	
Toluene	**1.8**	1.0	"	1	"	"	10/07/15	"	
Ethylbenzene	**81**	1.0	"	"	"	"	"	"	
Xylenes (total)	**14**	1.0	"	"	"	"	"	"	

Date Sampled: **10/07/15 14:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*97.4 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*45-146*		"	"	"	"	

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

BH04

1510041-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/07/15 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1510058	10/07/15	10/07/15	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/07/15 14:10**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*95.6 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*45-146*		"	"	"	"	

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

BH05
1510041-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/07/15 13:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**76**	1.0	ug/l	1	1510058	10/07/15	10/08/15	EPA 8260B	
Toluene	**7.2**	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	**5.2**	1.0	"	"	"	"	"	"	

Date Sampled: **10/07/15 13:56**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*94.1 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*45-146*		"	"	"	"	

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

BH06
1510041-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/07/15 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1510058	10/07/15	10/08/15	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	**2.4**	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/07/15 14:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*95.9 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*45-146*		"	"	"	"	

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/08/15 06:43

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
Batch 1510058 - EPA 5030 Water MS										
Blank (1510058-BLK1)				Prepared & Analyzed: 10/07/15						
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*13.3*		"	*13.2*		*101*	*37-154*			
Surrogate: Toluene-d8	*12.7*		"	*13.3*		*95.6*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*12.5*		"	*13.3*		*93.9*	*45-146*			
LCS (1510058-BS1)				Prepared & Analyzed: 10/07/15						
Benzene	28.0	1.0	ug/l	33.3		84.0	51-132			
Toluene	27.1	1.0	"	33.3		81.2	51-138			
Ethylbenzene	32.1	1.0	"	33.1		97.1	58-146			
m,p-Xylene	58.0	2.0	"	66.5		87.2	57-144			
o-Xylene	28.6	1.0	"	32.8		87.3	53-146			
Surrogate: 1,2-Dichloroethane-d4	*13.5*		"	*13.2*		*102*	*37-154*			
Surrogate: Toluene-d8	*12.9*		"	*13.3*		*96.5*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*12.6*		"	*13.3*		*94.3*	*45-146*			
Matrix Spike (1510058-MS1)		**Source: 1510041-01**		Prepared & Analyzed: 10/07/15						
Benzene	28.3	1.0	ug/l	33.3	ND	84.9	34-141			
Toluene	27.0	1.0	"	33.3	ND	81.1	27-151			
Ethylbenzene	32.1	1.0	"	33.1	ND	97.1	29-160			
m,p-Xylene	57.7	2.0	"	66.5	ND	86.8	20-166			
o-Xylene	28.7	1.0	"	32.8	ND	87.4	33-159			
Surrogate: 1,2-Dichloroethane-d4	*13.6*		"	*13.2*		*103*	*37-154*			
Surrogate: Toluene-d8	*12.7*		"	*13.3*		*95.4*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*12.4*		"	*13.3*		*92.7*	*45-146*			

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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
Batch 1510058 - EPA 5030 Water MS										
Matrix Spike Dup (1510058-MSD1)	**Source: 1510041-01**			Prepared & Analyzed: 10/07/15						
Benzene	28.7	1.0	ug/l	33.3	ND	86.1	34-141	1.40	32	
Toluene	27.6	1.0	"	33.3	ND	82.7	27-151	1.98	25	
Ethylbenzene	32.7	1.0	"	33.1	ND	98.8	29-160	1.76	50	
m,p-Xylene	58.2	2.0	"	66.5	ND	87.4	20-166	0.759	36	
o-Xylene	29.1	1.0	"	32.8	ND	88.6	33-159	1.39	26	
Surrogate: 1,2-Dichloroethane-d4	*14.3*		*"*	*13.2*		*109*	*37-154*			
Surrogate: Toluene-d8	*13.0*		*"*	*13.3*		*97.2*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*12.5*		*"*	*13.3*		*93.9*	*45-146*			

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.

Notes and Definitions

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

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

October 23, 2015

Steve Weathers
DCP Midstream
370 17th Street #2500
Denver, CO 80202

RE: Eaton Commons

Enclosed are the results of analyses for samples received by Summit Scientific on 10/22/15 17:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Shrewsbury
President

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/23/15 06:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH07R	1510148-01	Water	10/22/15 14:49	10/22/15 17:45
BH08	1510148-02	Water	10/22/15 14:43	10/22/15 17:45

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.

S2

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/23/15 06:50

Summit Scientific 15/0148

741 Corporate Circle Suite I ♦ Golden, Colorado 80401
303-277-9310 ♦ 303-374-5933 Fax

Page 1 of 1

Client: DCP Midstream
Address:
City/State/Zip:
Phone: Fax:
Sampler Name:

Project Manager: Steve Weathers
E-Mail: SWweathers@dcpmidstream.com
Project Name: Eaton Commons
Project Number: PRJ# 31151020

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative: HCl	Preservative: HNO_3	Preservative: None	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Soil	Matrix: Air - Canister Serial #	Matrix: Other (Specify)	Analyze For: BTEX 8260	Special Instructions
BH07R	10/22/15	1419	3	X				X				X	
BH08	↓	1413	3	X				X				X	

Relinquished by: Date/Time: 10/22/15 1455
Received by: Date/Time: 10/22/15 1700
Relinquished by: Date/Time: 10/22/15 1745
Received by: Date/Time: 10/22 1745
Relinquished by: Date/Time:
Received in Lab by: Date/Time:

Turn Around Time (Check)
Same Day [X] 72 Hours [ ]
24 Hours [ ] Standard [ ]
48 Hours [ ]

Sample Integrity:
Temperature Upon Receipt: 3.4°C
Intact: Yes No

Notes: on ice

www.s2scientific.com

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/23/15 06:50

BH07R
1510148-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/22/15 14:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1510187	10/22/15	10/22/15	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/22/15 14:49**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*121 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*45-146*		"	"	"	"	

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DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/23/15 06:50

BH08
1510148-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/22/15 14:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1510187	10/22/15	10/22/15	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **10/22/15 14:43**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*123 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*99.4 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*45-146*		"	"	"	"	

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DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/23/15 06:50

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
Batch 1510187 - EPA 5030 Water MS										
Blank (1510187-BLK1)				Prepared & Analyzed: 10/22/15						
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*15.7*		"	*13.2*		*119*	*37-154*			
Surrogate: Toluene-d8	*13.3*		"	*13.3*		*99.6*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*14.3*		"	*13.3*		*107*	*45-146*			
LCS (1510187-BS1)				Prepared & Analyzed: 10/22/15						
Benzene	37.5	1.0	ug/l	33.3		112	51-132			
Toluene	33.1	1.0	"	33.3		99.2	51-138			
Ethylbenzene	37.4	1.0	"	33.1		113	58-146			
m,p-Xylene	73.3	2.0	"	66.5		110	57-144			
o-Xylene	39.5	1.0	"	32.8		121	53-146			
Surrogate: 1,2-Dichloroethane-d4	*15.1*		"	*13.2*		*115*	*37-154*			
Surrogate: Toluene-d8	*13.9*		"	*13.3*		*104*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*14.2*		"	*13.3*		*106*	*45-146*			
Matrix Spike (1510187-MS1)		**Source: 1510148-01**		Prepared & Analyzed: 10/22/15						
Benzene	38.5	1.0	ug/l	33.3	ND	116	34-141			
Toluene	33.5	1.0	"	33.3	ND	101	27-151			
Ethylbenzene	39.5	1.0	"	33.1	ND	120	29-160			
m,p-Xylene	77.2	2.0	"	66.5	ND	116	20-166			
o-Xylene	41.5	1.0	"	32.8	ND	127	33-159			
Surrogate: 1,2-Dichloroethane-d4	*15.6*		"	*13.2*		*118*	*37-154*			
Surrogate: Toluene-d8	*13.7*		"	*13.3*		*103*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*14.2*		"	*13.3*		*107*	*45-146*			

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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
Batch 1510187 - EPA 5030 Water MS										
Matrix Spike Dup (1510187-MSD1)		**Source: 1510148-01**		Prepared & Analyzed: 10/22/15						
Benzene	39.2	1.0	ug/l	33.3	ND	118	34-141	1.80	32	
Toluene	34.6	1.0	"	33.3	ND	104	27-151	3.14	25	
Ethylbenzene	39.6	1.0	"	33.1	ND	120	29-160	0.202	50	
m,p-Xylene	77.6	2.0	"	66.5	ND	117	20-166	0.556	36	
o-Xylene	41.1	1.0	"	32.8	ND	125	33-159	1.14	26	
Surrogate: 1,2-Dichloroethane-d4	*15.9*		*"*	*13.2*		*121*	*37-154*			
Surrogate: Toluene-d8	*13.7*		*"*	*13.3*		*103*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*14.0*		*"*	*13.3*		*105*	*45-146*			

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.

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Eaton Commons Project Number: [none] Project Manager: Steve Weathers	**Reported:** 10/23/15 06:50

Notes and Definitions

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dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference