Second Quarter 2016 Groundwater Monitoring Summary Report

Tampa Compressor Station Release
Weld County, Colorado
Remediation #9353

Prepared for:

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

Prepared by:

6899 Pecos Street, Unit C
Denver, Colorado 80221

July 26, 2016

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1. Introduction

This report summarizes the groundwater monitoring activities conducted during the second quarter 2016 at the Tampa Compressor Station, 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. Current Site conditions were evaluated from field data and analytical laboratory results collected during the reporting period on May 27, 2016.

2. Site Location and Background

The Site is located in the southwestern quarter of the southwestern quarter of Section 31, Township 3 North, Range 63 West (approximate coordinates 40.176595 degrees north and -104.489837 degrees west), approximately 5 miles north on County Road (CR) 59 from Keenesburg, Colorado.

A petroleum hydrocarbon release originating from an underground pipeline occurred at the Site resulting in surface soil staining. DCP submitted an initial Form 19 on February 2, 2015, with a Supplemental Form 19 submitted on February 10, 2015, and the Colorado Oil and Gas Conservation Commission (COGCC) issued a spill tracking facility ID# 440770 for the Site.

Initial soil investigation activities conducted on February 2, 2015, indicated that surface soil impacts were above COGCC standards. On February 6, 2015, hydrovacuum excavation and soil removal activities of the surface stained soils to approximately 1-foot below ground surface (bgs) was conducted and approximately 14 cubic yards (yd^3) of material was removed.

On February 13, 2015, three soil borings (BH01 – BH03) were advanced and soil samples were collected from just above the saturated interval at each location. On February 19, 2015, groundwater monitoring activities were conducted at the well locations and light non-aqueous phase liquid (LNAPL) was observed in monitoring wells BH01 and BH03 with measured thicknesses of 3.14 feet and 1.83 feet, respectively. A groundwater sample was collected from BH02 and the laboratory analytical results from that well were below COGCC Table 910-1 standards. Locations of the soil borings are illustrated on Figure 2.

On April 28, 2015, a vacuum enhanced fluid recovery (EFR) event was conducted at monitoring wells BH01 and BH03 and approximately 5 barrels (bbl) of liquid was removed during that event. Additional source area excavation activities were conducted at the site between May 6 and 22, 2015, and approximately 210 yd^3 of impacted soil and 33 bbl of groundwater were removed during excavation. Soil samples were collected during excavation activities and based on the laboratory analytical results, impacted soil within the vadose zone remains in place in the northwest corner of the Site. Due to the existing infrastructure and off-site conditions, the soil was left in place and will be addressed through in-situ remediation activities. Additionally, during the May 2015 excavation activities, monitoring well BH01 was destroyed.

A Form 27 was submitted to the COGCC on November 4, 2015, and the COGCC issued remediation #9353 for the Site. In accordance with the approved work plan described in the Form 27, DCP installed

an additional nine (9) temporary monitoring wells and replaced the destroyed BH01 (Figure 2). Furthermore, DCP initiated approved groundwater monitoring activities at the Site.

3. Groundwater Monitoring

This section describes the field and laboratory activities performed during the second quarter 2016 groundwater monitoring event. Quarterly monitoring activities were conducted on May 27, 2016, 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 second quarter 2016, groundwater levels were measured at 12 monitoring well locations (BH01R through BH12).

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 second quarter 2016 groundwater elevation contour map, included as Figure 3, indicates that groundwater flow at the Site generally trends to the northeast. The range of groundwater elevations, average elevation change from the previous monitoring event, and the calculated average hydraulic gradient (using elevations from BH05 and BH08) at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	Second Quarter 2016 (5/27/2016)
Maximum Elevation (Well ID)	4,795.61 (BH05)
Minimum Elevation (Well ID)	4,794.98 (BH08)
Average Change from Previous Monitoring Event – All Wells	1.10
Average Hydraulic Gradient (ft/ft) / (Well IDs)	0.01 (BH05 to BH08)

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected from 12 monitor wells using disposable polyethylene bailers. Although there were traces of LNAPL observed within wells BH03, BH04, and 0.09 feet observed in BH06, LNAPL was purged from the wells, three purge volumes of groundwater were collected, and those wells were subsequently sampled in second quarter 2016.

A minimum of three well casing volumes of groundwater were purged from each monitor 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, Colorado 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. Historic analytical results up to and including the second quarter 2016 event are included in Appendix A and the laboratory analytical report for the second quarter 2016 is included in Appendix B. Analytical results are also displayed on Figure 4.

Analytical results/observations are summarized below:

- Benzene concentration in groundwater samples from wells BH03 (53 micrograms per liter [µg/L]), BH04 (120 µg/L), BH05 (2,300 µg/L), BH06 (6,500 µg/L), BH07 (3,100 µg/L), BH08 (60 µg/L), BH09 (8.0 µg/L), and BH11 (2,100 µg/L) were in exceedance of the COGCC Table 910-1 standard of 5 µg/L.
- Toluene concentration in groundwater samples from wells BH06 (6,200 µg/L) and BH07 (3,100 µg/L) were in exceedance of the COGCC Table 910-1 standard of 560 µg/L.
- Ethylbenzene concentration in groundwater samples from well BH06 (2,500 µg/L) was in exceedance of the COGCC Table 910-1 standard of 700 µg/L.
- Total Xylenes in groundwater samples from wells BH04 (2,600 µg/L), BH05 (2,900 µg/L), BH06 (14,000 µg/L), BH07 (2,700 µg/L, and BH11 (1,900 µg/L) were in exceedance of the COGCC Table 910-1 standard of 1,400 µg/L.
- BTEX concentrations from the remaining sample locations were below COGCC standards and/or below laboratory detection limits.
- A trace amount of LNAPL was observed in wells BH03 and BH04 with measured thicknesses of 0.01 feet within each well. Additionally, LNAPL was observed in BH06 with a measured thickness of 0.09 feet.

4. Remediation Activities

In accordance with the approved Form 27 Remediation Work Plan, vacuum enhanced fluid recovery (EFR) remediation activities were initiated at the Site during the second quarter 2016. Between April 27, 2016 and June 30, 2016, eight mobile EFR events we conducted simultaneously at monitoring wells BH03, BH04, BH06, and BH11 for a minimum 6-hour period during each event. A total of approximately 300 barrels (bbls) of groundwater was removed during the second quarter EFR remediation events. The groundwater was subsequently transported and disposed of at the NGL Water Solutions DJ, LLC, C-3 disposal well in LaSalle, CO.

5. Conclusions

Observations of the second quarter 2016 monitoring data provides the following:

- LNAPL was observed in BH03, BH04, and BH06 during the second quarter 2016.
- Benzene concentrations in exceedance of the COGCC applicable groundwater standard was detected in eight (8) of the sampled monitoring wells.
- With the exception of BH07, benzene and toluene concentrations decreased when compared to the first quarter 2016 event.
- With the exception of measurable LNAPL in BH06, which increased by 0.02 feet compared to first quarter 2016, overall LNAPL thicknesses decreased at the Site.

6. Recommendations

Based on evaluation of data from the second quarter 2016, recommendations for future activities include:

- Continue quarterly groundwater monitoring and sampling at the monitoring well locations illustrated on Figure 2.
- Continue weekly mobile EFR remediation activities at the Site.

Tables

TABLE 1
SECOND QUARTER 2016 MONITORING EVENT
SUMMARY OF GROUNDWATER ELEVATION DATA
DCP TAMPA COMPRESSOR STATION
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)
BH01R	11/12/2015	11.48			16.41	4,805.57	4,794.09	NA
BH01R	2/23/2016	10.50			15.00	4,805.57	4,795.07	0.98
BH01R	5/27/2016	10.25			NM	4,805.57	4,795.32	0.25
BH02	11/12/2015	13.64			18.90	4,807.70	4,794.06	NA
BH02	2/23/2016	13.55			18.55	4,807.70	4,794.15	0.09
BH02	5/27/2016	12.41			NM	4,807.70	4,795.29	1.14
BH03	11/12/2015	11.79	10.13	1.66	NM	4,804.31	4,793.76	NA
BH03	2/23/2016	10.34	10.23	0.11	NM	4,804.31	4,794.05	0.29
BH03	5/27/2016	9.16	9.15	0.01	NM	4,804.31	4,795.15	1.10
BH04	11/12/2015	12.58	11.79	0.79	16.36	4,806.95	4,794.96	NA
BH04	2/23/2016	12.70	12.57	0.13	NM	4,806.95	4,794.34	-0.61
BH04	5/27/2016	11.40	11.39	0.01	NM	4,806.95	4,795.55	1.21
BH05	11/12/2015	12.29			16.18	4,806.51	4,794.22	NA
BH05	2/23/2016	12.21			16.19	4,806.51	4,794.30	0.08
BH05	5/27/2016	11.90			NM	4,806.51	4,794.61	0.31
BH06	11/12/2015	12.44	12.29	0.15	16.37	4,806.46	4,794.13	NA
BH06	2/23/2016	12.31	12.24	0.07	NM	4,806.46	4,794.20	0.07
BH06	5/27/2016	11.17	11.08	0.09	NM	4,806.46	4,795.35	1.16
BH07	11/12/2015	12.02			15.26	4,806.01	4,793.99	NA
BH07	2/23/2016	11.96			15.57	4,806.01	4,794.05	0.06
BH07	5/27/2016	10.81			NM	4,806.01	4,795.20	1.15
BH08	11/12/2015	9.97			15.13	4,803.78	4,793.81	NA
BH08	2/23/2016	9.95			15.14	4,803.78	4,793.83	0.02
BH08	5/27/2016	8.80			NM	4,803.78	4,794.98	1.15
BH09	11/12/2015	10.24			15.25	4,804.08	4,793.84	NA
BH09	2/23/2016	10.20			15.29	4,804.08	4,793.88	0.04
BH09	5/27/2016	9.05			NM	4,804.08	4,795.03	1.15
BH10	11/12/2015	11.25			15.14	4,805.37	4,794.12	NA
BH10	2/23/2016	11.22			15.26	4,805.37	4,794.15	0.03
BH10	5/27/2016	10.05			NM	4,805.37	4,795.32	1.17
BH11	11/12/2015	11.00			14.44	4,804.97	4,793.97	NA
BH11	2/23/2016	11.09	11.07	0.02	14.43	4,804.97	4,793.89	-0.07
BH11	5/27/2016	9.81			NM	4,804.97	4,795.16	1.26

TABLE 1
SECOND QUARTER 2016 MONITORING EVENT
SUMMARY OF GROUNDWATER ELEVATION DATA
DCP TAMPA COMPRESSOR STATION
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)
BH12	11/12/2015	11.27			15.24	4,805.13	4,793.86	NA
BH12	2/23/2016	11.28			15.19	4,805.13	4,793.85	-0.01
BH12	5/27/2016	10.10			NM	4,805.13	4,795.03	1.18
Average change in groundwater elevation between 2/23/16 and 5/27/16								1.02

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)

* Groundwater elevation was corrected for product thickness using the following calculation, when applicable:

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)
LNAPL relative density is assumed to be approximately 0.75

NA = Not Applicable

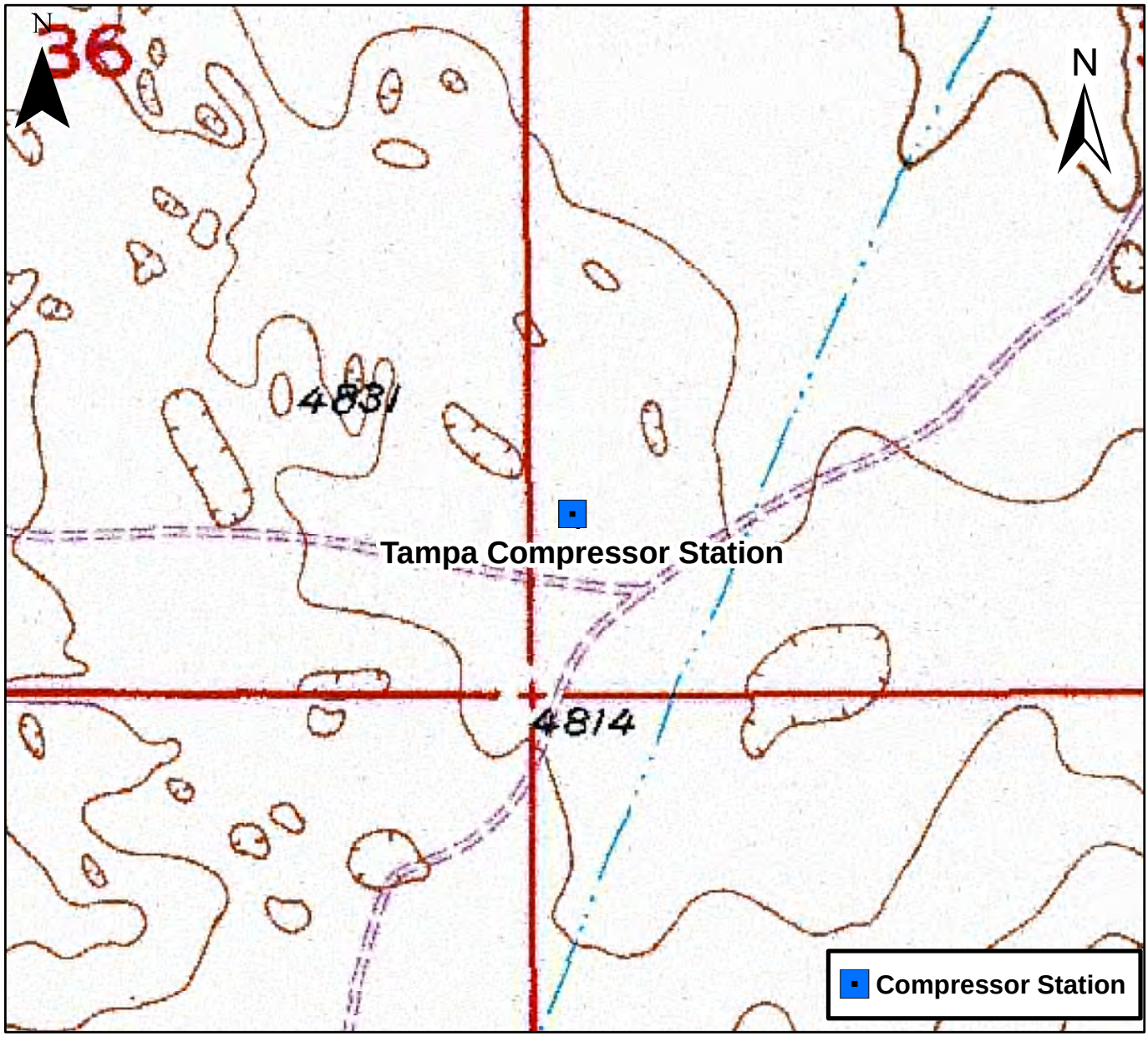
TD = Total Depth

TABLE 2
SECOND QUARTER 2016 MONITORING EVENT
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
DCP TAMPA COMPRESSOR STATION
WELD COUNTY, COLORADO

Location Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Comments
COGCC Standards (µg/L)[1]		**5**	**560**	**700**	**1,400**	
BH01R	5/27/2016	4.2	<1.0	2.0	<1.0	
BH02	5/27/2016	<1.0	<1.0	<1.0	<1.0	
BH03	5/27/2016	**53**	65	100	700	
BH04	5/27/2016	**120**	490	560	**2,600**	
BH05	5/27/2016	**2,300**	130	610	**2,900**	
BH06	5/27/2016	**6,500**	**6,200**	**2,500**	**14,000**	
BH07	5/27/2016	**3,100**	**1,500**	500	**2,700**	
BH08	5/27/2016	**60**	10	19	110	
BH09	5/27/2016	**8.0**	<1.0	<1.0	<1.0	
BH10	5/27/2016	<1.0	<1.0	<1.0	<1.0	
BH11	5/27/2016	**2,100**	180	600	**1,900**	
BH12	5/27/2016	<1.0	<1.0	<1.0	<1.0	

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 of the COGCC 900 Series Rule for E&P Waste Management.
Bold red values indicate an exceedance of the COGCC groundwater standards for the Site.
NS = Not sampled.
µg/L = micrograms per liter.
LNAPL - Light non-aqueous phase liquid

Figures



0 750 1,500 Feet

Figure 1

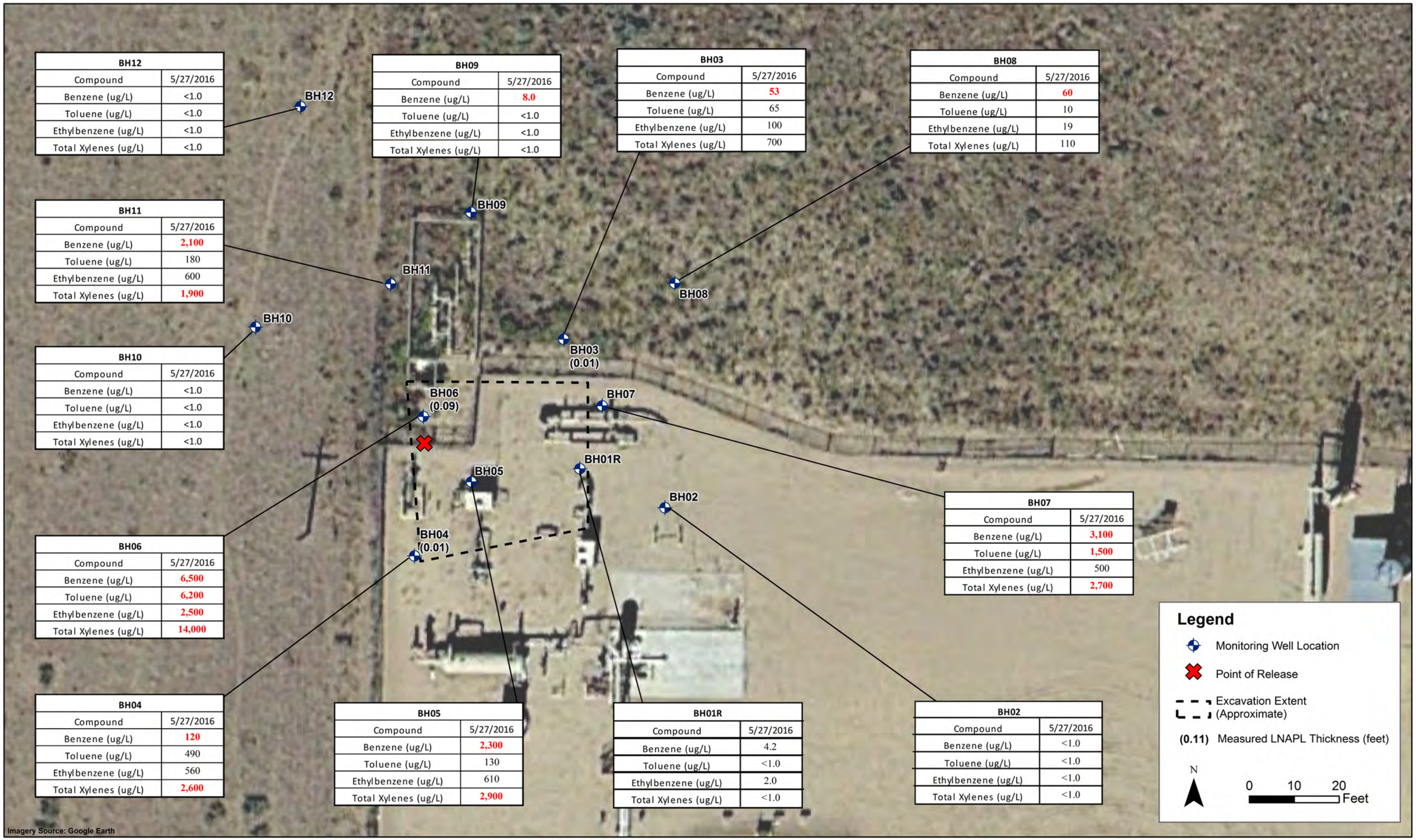
Site Location Map
Tampa Compressor Station
SWSW S31 T3N R63W
Weld County, Colorado

TASMAN GEOSCIENCES

Drawn By: DBA
Date: 2/19/2015

DATE: July 2016 DESIGNED BY: B. Humphrey DRAWN BY: D. Arnold	TASMAN GEOSCIENCES **Tasman Geosciences Inc.** **6899 Pecos Street - Unit C** **Denver, CO 80221**	**DCP Midstream** **Tampa Compressor Station** SWSW Section 31, Township 3 North, Range 63 West Weld County, Colorado	Site Map with Monitoring Well Location	Figure 2

DATE: July 2016 DESIGNED BY: B. Humphrey DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences Inc. 6899 Pecos Street - Unit C Denver, CO 80221	**DCP Midstream** **Tampa Compressor Station** SWSW Section 31, Township 3 North, Range 63 West Weld County, Colorado	Groundwater Elevation Contour Map (May 27, 2016)	Figure 3



BH12	
Compound	5/27/2016
Benzene (ug/L)	<1.0
Toluene (ug/L)	<1.0
Ethylbenzene (ug/L)	<1.0
Total Xylenes (ug/L)	<1.0

BH09	
Compound	5/27/2016
Benzene (ug/L)	8.0
Toluene (ug/L)	<1.0
Ethylbenzene (ug/L)	<1.0
Total Xylenes (ug/L)	<1.0

BH03	
Compound	5/27/2016
Benzene (ug/L)	53
Toluene (ug/L)	65
Ethylbenzene (ug/L)	100
Total Xylenes (ug/L)	700

BH08	
Compound	5/27/2016
Benzene (ug/L)	60
Toluene (ug/L)	10
Ethylbenzene (ug/L)	19
Total Xylenes (ug/L)	110

BH11	
Compound	5/27/2016
Benzene (ug/L)	2,100
Toluene (ug/L)	180
Ethylbenzene (ug/L)	600
Total Xylenes (ug/L)	1,900

BH10	
Compound	5/27/2016
Benzene (ug/L)	<1.0
Toluene (ug/L)	<1.0
Ethylbenzene (ug/L)	<1.0
Total Xylenes (ug/L)	<1.0

BH07	
Compound	5/27/2016
Benzene (ug/L)	3,100
Toluene (ug/L)	1,500
Ethylbenzene (ug/L)	500
Total Xylenes (ug/L)	2,700

BH06	
Compound	5/27/2016
Benzene (ug/L)	6,500
Toluene (ug/L)	6,200
Ethylbenzene (ug/L)	2,500
Total Xylenes (ug/L)	14,000

BH04	
Compound	5/27/2016
Benzene (ug/L)	120
Toluene (ug/L)	490
Ethylbenzene (ug/L)	560
Total Xylenes (ug/L)	2,600

BH05	
Compound	5/27/2016
Benzene (ug/L)	2,300
Toluene (ug/L)	130
Ethylbenzene (ug/L)	610
Total Xylenes (ug/L)	2,900

BH01R	
Compound	5/27/2016
Benzene (ug/L)	4.2
Toluene (ug/L)	<1.0
Ethylbenzene (ug/L)	2.0
Total Xylenes (ug/L)	<1.0

BH02	
Compound	5/27/2016
Benzene (ug/L)	<1.0
Toluene (ug/L)	<1.0
Ethylbenzene (ug/L)	<1.0
Total Xylenes (ug/L)	<1.0

Legend

- Monitoring Well Location
- Point of Release
- Excavation Extent (Approximate)
- **(0.11)** Measured LNAPL Thickness (feet)

N

0 10 20 Feet

DATE: July 2016
DESIGNED BY: B. Humphrey
DRAWN BY: Z. Mahaffey

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

DCP Midstream
Tampa Compressor Station
SWSW Section 31, Township 3 North, Range 63 West
Weld County, Colorado

Groundwater Analytical Results Map
(May 27, 2016)

Figure 4

Appendix A

Historic Analytical Results

APPENDIX A
HISTORIC ANALYTIC DATA
DCP TAMPA COMPRESSOR STATION
WELD COUNTY, COLORADO

Location Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Comments
COGCC Standards (µg/L)		**5**	**560**	**700**	**1,400**	
BH01	2/19/2015	NS	NS	NS	NS	LNAPL
BH01R	11/12/2015	**82**	<1.0	7.5	3.8	
BH01R	2/23/2016	**35**	<1.0	3.7	1.5	
BH01R	5/27/2016	4.2	<1.0	2.0	<1.0	
BH02	2/19/2015	<1.0	1.7	<1.0	1.1	
BH02	11/12/2015	<1.0	1.6	<1.0	4.5	
BH02	2/23/2016	<1.0	<1.0	<1.0	<1.0	
BH02	5/27/2016	<1.0	<1.0	<1.0	<1.0	
BH03	2/19/2015	NS	NS	NS	NS	LNAPL
BH03	11/12/2015	NS	NS	NS	NS	LNAPL
BH03	2/23/2016	NS	NS	NS	NS	LNAPL
BH03	5/27/2016	**53**	65	100	700	
BH04	11/12/2015	NS	NS	NS	NS	LNAPL
BH04	2/23/2016	NS	NS	NS	NS	LNAPL
BH04	5/27/2016	**120**	490	560	**2,600**	
BH05	11/12/2015	**6,700**	**590**	610	**2,300**	
BH05	2/23/2016	**2,900**	180	540	**1,500**	
BH05	5/27/2016	**2,300**	130	610	**2,900**	
BH06	11/12/2015	NS	NS	NS	NS	LNAPL
BH06	2/23/2016	NS	NS	NS	NS	LNAPL
BH06	5/27/2016	**6,500**	**6,200**	**2,500**	**14,000**	
BH07	11/12/2015	**1,600**	**1,000**	290	1,000	
BH07	2/23/2016	**130**	70	170	110	
BH07	5/27/2016	**3,100**	**1,500**	500	**2,700**	
BH08	11/12/2015	**160**	16	11	40	
BH08	2/23/2016	**150**	37	15	74	
BH08	5/27/2016	**60**	10	19	110	
BH09	11/12/2015	**610**	46	18	80	
BH09	2/23/2016	**23**	<1.0	<1.0	<1.0	
BH09	5/27/2016	**8.0**	<1.0	<1.0	<1.0	
BH10	11/12/2015	<1.0	<1.0	<1.0	<1.0	
BH10	2/23/2016	<1.0	<1.0	<1.0	<1.0	
BH10	5/27/2016	<1.0	<1.0	<1.0	<1.0	
BH11	11/12/2015	**2,100**	**1,800**	200	840	
BH11	2/23/2016	NS	NS	NS	NS	LNAPL
BH11	5/27/2016	**2,100**	180	600	**1,900**	

APPENDIX A
HISTORIC ANALYTIC DATA
DCP TAMPA COMPRESSOR STATION
WELD COUNTY, COLORADO

Location Identification	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Comments
COGCC Standards (µg/L)		**5**	**560**	**700**	**1,400**	
BH12	11/12/2015	<1.0	<1.0	<1.0	<1.0	
BH12	2/23/2016	<1.0	<1.0	<1.0	<1.0	
BH12	5/27/2016	<1.0	<1.0	<1.0	<1.0	

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 of the COGCC 900 Series Rule for E&P Waste Management.
Bold red values indicate an exceedance of the COGCC groundwater standards for the Site.
NS = Not sampled.
µg/L = micrograms per liter.
LNAPL - Light non-aqueous phase liquid

Appendix B

Laboratory Analytical Report
Summit Scientific - 1605271

Summit Scientific

741 Corporate Circle – Suite I ♦ Golden, Colorado 80401

303.277.9310 - laboratory ♦ 303.277.9531 - fax

June 05, 2016

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

RE: Tampa Compressor Station

Enclosed are the results of analyses for samples received by Summit Scientific on 05/27/16 16:30. 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: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH12	1605271-01	Water	05/27/16 11:05	05/27/16 16:30
BH10	1605271-02	Water	05/27/16 11:30	05/27/16 16:30
BH02	1605271-03	Water	05/27/16 11:05	05/27/16 16:30
BH09	1605271-04	Water	05/27/16 11:12	05/27/16 16:30
BH01R	1605271-05	Water	05/27/16 11:34	05/27/16 16:30
BH07	1605271-06	Water	05/27/16 11:40	05/27/16 16:30
BH08	1605271-07	Water	05/27/16 12:00	05/27/16 16:30
BH05	1605271-08	Water	05/27/16 11:55	05/27/16 16:30
BH11	1605271-09	Water	05/27/16 12:20	05/27/16 16:30
BH03	1605271-10	Water	05/27/16 12:20	05/27/16 16:30
BH04	1605271-11	Water	05/27/16 12:45	05/27/16 16:30
BH06	1605271-12	Water	05/27/16 13:00	05/27/16 16:30

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

1605271.1

Summit Scientific

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

Page 1 of 2

Client: DCP
Address:
City/State/Zip:
Phone: Fax:
Sampler Name: Mark P EVE B

Project Manager: Steve Weathers / Brian Humphrey
E-Mail: SWeathers@dcpmidstream.com / bhumphrey@Tetratech-gov.com
Project Name: Tampa Compressor Station
Project Number:

Sample Description	Date Sampled	Time Sampled	Number of Containers	Preservative: HCl	Preservative: HNO3	Preservative: None	Preservative: Other (Specify)	Matrix: Groundwater	Matrix: Soil	Matrix: Air - Canister Serial #	Matrix: Other (Specify)	Analyze For: BTEX 8260	Special Instructions
BH12	5-27-16	11:05	3	X				X				X	
BH10		11:30	3	X				X				X	
BH02		11:05	3	X				X				X	
BH09		11:12	3	X				X				X	
BH01R		11:34	3	X				X				X	
BH07		11:40	3	X				X				X	
BH06		12:00	3	X				X				X	
BH05		11:55	3	X				X				X	
BH11		12:20	3	X				X				X	
BH03		3:90	3	X				X				X	

Relinquished by: Mark Pozelos — Date/Time: 5-27-16 1630
Received by: — Date/Time: 5/27/16 1630
Relinquished by: — Date/Time: 5/27/16 1720
Received by: — Date/Time:
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: 5.9°C
Intact: Yes ☑ No ☐

Notes: ON ICE

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DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

1605271.2

Summit Scientific

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303-277-9310 • 303-374-5933 Fax

Page 2 of 2

Client: DCP
Address:
City/State/Zip:
Phone: Fax:
Sampler Name: Mark P EVE B

Project Manager: Steve Weathers / Brian Humphrey
E-Mail: SWeathers@dcpmidstream.com / bhumphrey@hilcorp-corp.com
Project Name: Tampa Compressor Station
Project Number:

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
BH04	5-27-16	1245	3	X				X				X	
BH06	5-27-16	1300	3	X				X				X	

Relinquished by:	Date/Time:	Received by:	Date/Time:
Mark Pavelos	5-27-16 1630	[signature]	5/27/16 1630
[signature]	5/27/16 1720	Received by:	Date/Time:
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: 5.9°C
Intact: Yes No

Notes: On ICE

www.s2scientific.com

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

Sample Receipt Checklist

S2 Work Order: 1605271

Client: DCP Client Project ID: Tampa Compressor Station

Shipped Via: p/u (UPS, FedEx, Hand Delivered, Pick-up, etc.) Airbill #: _____

Matrix (check all that apply): ____Air ____Soil/Solid ✓Water ____Other: _____ (Describe)

Cooler ID					
Temp (°C)	5.9				

Thermometer ID: 61857155-K

	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature just above 0°C to ≤ 6°C [(1)]? NOTE: If samples are delivered the same day of sampling, this requirement is waived provided that there is evidence that cooling has begun.			✓	
Were all samples received intact [(1)]?	✓			
Was adequate sample volume provided [(1)]?	✓			
If custody seals are present, are they intact [(1)]?			✓	
Are short holding time analytes or samples with HTs due within 48 hours present?			✓	
Is a chain-of-custody (COC) form present and filled out completely [(1)]?	✓			
Does the COC agree with the number and type of sample bottles received [(1)]?				
Do the sample IDs on the bottle labels match the COC [(1)]?				
Is the COC properly relinquished by the client w/ date and time recorded [(1)]?	✓			
For volatiles in water – is there headspace present? **If yes, contact client and note in narrative.**				
Are samples preserved that require preservation **(excluding cooling)**[(1)]? Note the type of preservative in the Comments column – HCl, H2SO4, NaOH, HNO3, ect				
If samples are acid preserved for metals, is the pH ≤ 2[(1)]? Record the pH in Comments.			✓	
If dissolved metals are requested, were samples field filtered?			✓	
Additional Comments (if any):				
[(1)] If NO, then contact the client before proceeding with analysis and note in case narrative.				

Nakita **Custodian Printed Name**

Signature or Initials of Custodian

5/27/16 1720 **Date/Time**

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH12
1605271-01 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*98.3 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH10
1605271-02 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:30**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*98.9 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*104 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH02
1605271-03 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:05**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*99.2 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH09

1605271-04 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**8.0**	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:12**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*98.3 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH01R
1605271-05 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**4.2**	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	**2.0**	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:34**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*97.1 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH07

1605271-06 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**3100**	100	ug/l	100	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**1500**	100	"	"	"	"	"	"	
Ethylbenzene	**500**	100	"	"	"	"	"	"	
Xylenes (total)	**2700**	100	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:40**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*105 %*		*37-154*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*45-149*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*		*45-146*	"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH08
1605271-07 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**60**	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**10**	1.0	"	"	"	"	"	"	
Ethylbenzene	**19**	1.0	"	"	"	"	"	"	
Xylenes (total)	**110**	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 12:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*108 %*		*37-154*	"	"	"	"	
Surrogate: Toluene-d8		*101 %*		*45-149*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*		*45-146*	"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH05

1605271-08 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**2300**	100	ug/l	100	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**130**	100	"	"	"	"	"	"	
Ethylbenzene	**610**	100	"	"	"	"	"	"	
Xylenes (total)	**2900**	100	"	"	"	"	"	"	

Date Sampled: **05/27/16 11:55**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH11
1605271-09 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**2100**	100	ug/l	100	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**180**	100	"	"	"	"	"	"	
Ethylbenzene	**600**	100	"	"	"	"	"	"	
Xylenes (total)	**1900**	100	"	"	"	"	"	"	

Date Sampled: **05/27/16 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*102 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH03

1605271-10 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**53**	1.0	ug/l	1	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**65**	1.0	"	"	"	"	"	"	
Ethylbenzene	**100**	1.0	"	"	"	"	"	"	
Xylenes (total)	**700**	1.0	"	"	"	"	"	"	

Date Sampled: **05/27/16 12:20**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*103 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*116 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH04

1605271-11 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**120**	25	ug/l	25	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**490**	25	"	"	"	"	"	"	
Ethylbenzene	**560**	25	"	"	"	"	"	"	
Xylenes (total)	**2600**	25	"	"	"	"	"	"	

Date Sampled: **05/27/16 12:45**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*37-154*		"	"	"	"	
Surrogate: Toluene-d8		*97.1 %*	*45-149*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*45-146*		"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

BH06
1605271-12 (Water)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **05/27/16 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	**6500**	100	ug/l	100	1605309	06/01/16	06/01/16	EPA 8260B	
Toluene	**6200**	100	"	"	"	"	"	"	
Ethylbenzene	**2500**	100	"	"	"	"	"	"	
Xylenes (total)	**14000**	100	"	"	"	"	"	"	

Date Sampled: **05/27/16 13:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4		*107 %*		*37-154*	"	"	"	"	
Surrogate: Toluene-d8		*102 %*		*45-149*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.3 %*		*45-146*	"	"	"	"	

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

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 1605309 - EPA 5030 Water MS										
Blank (1605309-BLK1)				Prepared & Analyzed: 06/01/16						
Benzene	ND	1.0	ug/l							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
Xylenes (total)	ND	1.0	"							
Surrogate: 1,2-Dichloroethane-d4	*14.2*		"	*13.3*		*106*	*37-154*			
Surrogate: Toluene-d8	*13.4*		"	*13.3*		*101*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*13.6*		"	*13.3*		*102*	*45-146*			
LCS (1605309-BS1)				Prepared & Analyzed: 06/01/16						
Benzene	41.6	1.0	ug/l	33.3		125	51-132			
Toluene	43.1	1.0	"	33.3		129	51-138			
Ethylbenzene	48.0	1.0	"	33.1		145	58-146			
m,p-Xylene	90.4	2.0	"	66.5		136	57-144			
o-Xylene	44.8	1.0	"	32.7		137	53-146			
Surrogate: 1,2-Dichloroethane-d4	*13.7*		"	*13.3*		*103*	*37-154*			
Surrogate: Toluene-d8	*13.6*		"	*13.3*		*102*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*13.4*		"	*13.3*		*101*	*45-146*			
Matrix Spike (1605309-MS1)		**Source: 1605248-01**		Prepared & Analyzed: 06/01/16						
Benzene	44.0	1.0	ug/l	33.3	ND	132	34-141			
Toluene	44.6	1.0	"	33.3	ND	134	27-151			
Ethylbenzene	49.9	1.0	"	33.1	ND	151	29-160			
m,p-Xylene	94.1	2.0	"	66.5	ND	141	20-166			
o-Xylene	45.6	1.0	"	32.7	ND	140	33-159			
Surrogate: 1,2-Dichloroethane-d4	*15.1*		"	*13.3*		*113*	*37-154*			
Surrogate: Toluene-d8	*13.6*		"	*13.3*		*102*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*13.5*		"	*13.3*		*101*	*45-146*			

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 1605309 - EPA 5030 Water MS										
Matrix Spike Dup (1605309-MSD1)	**Source: 1605248-01**			Prepared & Analyzed: 06/01/16						
Benzene	43.1	1.0	ug/l	33.3	ND	129	34-141	2.00	32	
Toluene	43.8	1.0	"	33.3	ND	132	27-151	1.76	25	
Ethylbenzene	49.6	1.0	"	33.1	ND	150	29-160	0.663	50	
m,p-Xylene	94.0	2.0	"	66.5	ND	141	20-166	0.0638	36	
o-Xylene	45.5	1.0	"	32.7	ND	139	33-159	0.285	26	
Surrogate: 1,2-Dichloroethane-d4	*14.8*		*"*	*13.3*		*111*	*37-154*			
Surrogate: Toluene-d8	*13.4*		*"*	*13.3*		*101*	*45-149*			
Surrogate: 4-Bromofluorobenzene	*13.0*		*"*	*13.3*		*97.8*	*45-146*			

DCP Midstream 370 17th Street #2500 Denver CO, 80202	Project: Tampa Compressor Station Project Number: [none] Project Manager: Steve Weathers	**Reported:** 06/05/16 15:11

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