

**DCP TAMPA COMPRESSOR STATION SITE  
SECOND QUARTER 2019  
FORM 27 SUPPLEMENTAL GROUNDWATER MONITORING SUMMARY REPORT**

**ATTACHMENTS**

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**TABLE 1**  
**SECOND QUARTER 2019**  
**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 <sup>(1)</sup> (feet)
BH01R	8/28/2018	10.09			15.61	4,805.57	4,795.48	0.36
BH01R	11/15/2018	10.07			15.61	4,805.57	4,795.50	0.02
BH01R	2/14/2019	10.17			15.61	4,805.57	4,795.40	-0.10
BH01R	5/28/2019	9.80			15.65	4,805.57	4,795.77	0.37
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BH02	8/28/2018	12.05			18.48	4,807.70	4,795.65	0.38
BH02	11/15/2018	12.05			18.48	4,807.70	4,795.65	0.00
BH02	2/14/2019	12.14			18.41	4,807.70	4,795.56	-0.09
BH02	5/28/2019	11.76			18.44	4,807.70	4,795.94	0.38
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BH03	8/28/2018	8.82			16.33	4,804.31	4,795.49	0.36
BH03	11/15/2018	8.81			16.33	4,804.31	4,795.50	0.01
BH03	2/14/2019	8.87			16.33	4,804.31	4,795.44	-0.06
BH03	5/28/2019	8.54			16.29	4,804.31	4,795.77	0.33
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BH04	8/28/2018	11.04			16.29	4,806.95	4,795.91	0.59
BH04	11/15/2018	11.03			16.29	4,806.95	4,795.92	0.01
BH04	2/14/2019	11.10			16.29	4,806.95	4,795.85	-0.07
BH04	5/28/2019	10.78			16.07	4,806.95	4,796.17	0.32
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BH05	8/28/2018	10.88			15.67	4,806.51	4,795.63	0.66
BH05	11/15/2018	10.78			15.67	4,806.51	4,795.73	0.10
BH05	2/14/2019	10.88			15.67	4,806.51	4,795.63	-0.10
BH05	5/28/2019	10.46			15.67	4,806.51	4,796.05	0.42
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BH06	8/28/2018	10.94			16.22	4,806.46	4,795.52	0.40
BH06	11/15/2018	10.92			16.22	4,806.46	4,795.54	0.02
BH06	2/14/2019	10.98			16.22	4,806.46	4,795.48	-0.06
BH06	5/28/2019	10.67			16.23	4,806.46	4,795.79	0.31

**TABLE 1**  
**SECOND QUARTER 2019**  
**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 <sup>(1)</sup> (feet)
BH07	8/28/2018	10.59			15.16	4,806.01	4,795.42	0.62
BH07	11/15/2018	10.67			15.16	4,806.01	4,795.34	-0.08
BH07	2/14/2019	10.69			15.16	4,806.01	4,795.32	-0.02
BH07	5/28/2019	10.33			15.15	4,806.01	4,795.68	0.36
BH08	8/28/2018	8.42			15.14	4,803.78	4,795.36	0.38
BH08	11/15/2018	8.42			15.14	4,803.78	4,795.36	0.00
BH08	2/14/2019	8.51			15.14	4,803.78	4,795.27	-0.09
BH08	5/28/2019	8.16			15.18	4,803.78	4,795.62	0.35
BH09	8/28/2018	8.69			15.27	4,804.08	4,795.39	0.34
BH09	11/15/2018	8.67			15.27	4,804.08	4,795.41	0.02
BH09	2/14/2019	8.75			15.27	4,804.08	4,795.33	-0.08
BH09	5/28/2019	8.43			15.21	4,804.08	4,795.65	0.32
BH10	8/28/2018	9.43			15.24	4,805.37	4,795.94	0.59
BH10	11/15/2018	9.65			15.24	4,805.37	4,795.72	-0.22
BH10	2/14/2019	9.73			15.24	4,805.37	4,795.64	-0.08
BH10	5/28/2019	9.43			15.28	4,805.37	4,795.94	0.30
BH11	8/28/2018	9.68			15.25	4,804.97	4,795.29	0.12
BH11	11/15/2018	9.42			15.25	4,804.97	4,795.55	0.26
BH11	2/14/2019	9.49			15.25	4,804.97	4,795.48	-0.07
BH11	5/28/2019	9.18			14.42	4,804.97	4,795.79	0.31
BH12	8/28/2018	9.74			15.20	4,805.13	4,795.39	0.34
BH12	11/15/2018	9.71			15.20	4,805.13	4,795.42	0.03
BH12	2/14/2019	9.78			15.20	4,805.13	4,795.35	-0.07
BH12	5/28/2019	9.50			15.12	4,805.13	4,795.63	0.28
Average change in groundwater elevation (02/14/2019 to 5/28/19)								0.34

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)

TD = Total Depth

**TABLE 2**  
**SECOND QUARTER 2019**  
**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
<b>COGCC Standards (µg/L)</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	
BH01R	5/28/2019	<1.0	<1.0	7.3	<1.0	
BH02	5/28/2019	<1.0	<1.0	<1.0	<1.0	
BH03	5/28/2019	<1.0	<1.0	<1.0	<1.0	
BH04	5/28/2019	<1.0	<1.0	265	608	
BH05	5/28/2019	<b>39</b>	<1.0	13	10.3	
BH06	5/28/2019	<b>84</b>	4.0	638	<b>2,480</b>	
BH07	5/28/2019	<1.0	<1.0	7.7	13.1	
BH08	5/28/2019	<1.0	<1.0	5.6	<1.0	
BH09	5/28/2019	<1.0	<1.0	<1.0	<1.0	
BH10	5/28/2019	<1.0	<1.0	<1.0	<1.0	
BH11	5/28/2019	<1.0	<1.0	689	582	
BH12	5/28/2019	<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.  
µg/L = micrograms per liter.

**TABLE 3  
HISTORICAL GROUNDWATER 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
<b>COGCC Standards (µg/L)</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	
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	
BH01R	8/17/2016	<1.0	<1.0	<1.0	<1.0	
BH01R	11/9/2016	<1.0	<1.0	3.4	<1.0	
BH01R	2/1/2017	<1.0	<1.0	<1.0	<1.0	
BH01R	5/1/2017	<1.0	<1.0	<1.0	<2.0	
BH01R	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH01R	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH01R	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH01R	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH01R	8/28/2018	<1.0	<1.0	3.4	<2.0	
BH01R	11/15/2018	<1.0	<1.0	5.2	<2.0	
BH01R	2/14/2019	1.2	<1.0	2.2	<2.0	
BH01R	5/28/2019	<1.0	<1.0	7.3	<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	
BH02	8/17/2016	<1.0	<1.0	<1.0	<1.0	
BH02	11/9/2016	<1.0	<1.0	<1.0	<1.0	
BH02	2/1/2017	<1.0	<1.0	1.9	<1.0	
BH02	5/1/2017	<1.0	<1.0	<1.0	<2.0	
BH02	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH02	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH02	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH02	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH02	8/28/2018	<1.0	<1.0	<1.0	<2.0	
BH02	11/15/2018	<1.0	<1.0	<1.0	<2.0	
BH02	2/14/2019	<1.0	<1.0	<1.0	<2.0	
BH02	5/28/2019	<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	
BH03	8/17/2016	<1.0	<1.0	<1.0	<1.0	
BH03	11/9/2016	<1.0	<1.0	<1.0	<1.0	
BH03	2/1/2017	<1.0	<1.0	<1.0	<1.0	
BH03	5/1/2017	<1.0	<1.0	<1.0	<2.0	
BH03	8/2/2017	1.1	<1.0	<1.0	<2.0	
BH03	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH03	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH03	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH03	8/28/2018	<1.0	<1.0	<1.0	<2.0	
BH03	11/15/2018	<1.0	<1.0	<1.0	<2.0	
BH03	2/14/2019	<1.0	<1.0	<1.0	<2.0	
BH03	5/28/2019	<1.0	<1.0	<1.0	<1.0	

**TABLE 3  
HISTORICAL GROUNDWATER 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
<b>COGCC Standards (µg/L)</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	
BH04	11/12/2015	NS	NS	NS	NS	LNAPL
BH04	2/23/2016	NS	NS	NS	NS	LNAPL
BH04	5/27/2016	<b>120</b>	490	560	<b>2,600</b>	
BH04	8/17/2016	<b>28</b>	73	140	840	LNAPL
BH04	11/9/2016	<b>120</b>	<b>590</b>	<b>1,800</b>	<b>5,500</b>	LNAPL
BH04	2/1/2017	3.9	46	220	560	
BH04	5/1/2017	1.0	13	83	280	
BH04	8/2/2017	<1.0	8.6	190	390	
BH04	11/28/2017	<1.0	3.7	140	440	
BH04	2/15/2018	<1.0	2.7	200	520	
BH04	5/3/2018	<1.0	<1.0	180	350	
BH04	8/28/2018	<1.0	1.0	160	370	
BH04	11/15/2018	2.2	1.2	350	730	
BH04	2/14/2019	<1.0	<1.0	330	740	
BH04	5/28/2019	<1.0	<1.0	265	608	
BH05	11/12/2015	<b>6,700</b>	<b>590</b>	610	<b>2,300</b>	
BH05	2/23/2016	<b>2,900</b>	180	540	<b>1,500</b>	
BH05	5/27/2016	<b>2,300</b>	130	610	<b>2,900</b>	
BH05	8/17/2016	<b>1,800</b>	30	100	1,100	
BH05	11/9/2016	<b>19,000</b>	<b>2,000</b>	<b>3,500</b>	<b>15,000</b>	
BH05	2/1/2017	<b>2,300</b>	95	450	<b>1,800</b>	
BH05	5/1/2017	<b>1,500</b>	17	210	1,000	
BH05	8/2/2017	<b>1,700</b>	<1.0	230	<b>1,400</b>	
BH05	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH05	2/15/2018	1.6	<1.0	<1.0	<2.0	
BH05	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH05	8/28/2018	<b>7.6</b>	<1.0	3.6	7.3	
BH05	11/15/2018	<b>18</b>	<1.0	3.6	7.2	
BH05	2/14/2019	<b>11</b>	<1.0	2.4	4.1	
BH05	5/28/2019	<b>39</b>	<1.0	13	10.3	
BH06	11/12/2015	NS	NS	NS	NS	LNAPL
BH06	2/23/2016	NS	NS	NS	NS	LNAPL
BH06	5/27/2016	<b>6,500</b>	<b>6,200</b>	<b>2,500</b>	<b>14,000</b>	
BH06	8/17/2016	<b>5,400</b>	<b>3,100</b>	<b>1,400</b>	<b>7,600</b>	
BH06	11/9/2016	NS	NS	NS	NS	LNAPL
BH06	2/1/2017	<b>2,000</b>	<b>800</b>	510	<b>2,100</b>	LNAPL
BH06	5/1/2017	<b>1,100</b>	<b>620</b>	260	<b>1,900</b>	LNAPL
BH06	8/2/2017	<b>3,000</b>	<b>2,600</b>	570	<b>4,100</b>	
BH06	11/28/2017	<b>1,400</b>	<b>770</b>	190	<b>1,900</b>	
BH06	2/15/2018	<b>1,300</b>	340	1.7	<b>2,100</b>	
BH06	5/3/2018	<b>690</b>	500	230	<b>2,200</b>	
BH06	8/28/2018	<b>370</b>	17	560	<b>2,000</b>	
BH06	11/15/2018	<b>230</b>	10	620	<b>2,400</b>	
BH06	2/14/2019	<b>140</b>	1.9	580	<b>2,100</b>	
BH06	5/28/2019	<b>84</b>	4.0	638	<b>2,480</b>	
BH07	11/12/2015	<b>1,600</b>	<b>1,000</b>	290	1,000	
BH07	2/23/2016	<b>130</b>	70	170	110	
BH07	5/27/2016	<b>3,100</b>	<b>1,500</b>	500	<b>2,700</b>	
BH07	8/17/2016	<b>2,500</b>	170	550	<b>2,600</b>	
BH07	11/9/2016	<b>790</b>	71	510	<b>2,400</b>	
BH07	2/1/2017	<b>240</b>	30	410	<b>2,000</b>	
BH07	5/1/2017	<b>56</b>	9.3	300	<b>1,400</b>	
BH07	8/2/2017	<b>26</b>	5.3	130	<b>1,600</b>	
BH07	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH07	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH07	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH07	8/28/2018	<1.0	<1.0	<1.0	<2.0	
BH07	11/15/2018	<1.0	<1.0	<1.0	3.5	
BH07	2/14/2019	<1.0	<1.0	<1.0	<2.0	
BH07	5/28/2019	<1.0	<1.0	7.7	13.1	

**TABLE 3  
HISTORICAL GROUNDWATER 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
<b>COGCC Standards (µg/L)</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	
BH08	11/12/2015	160	16	11	40	
BH08	2/23/2016	150	37	15	74	
BH08	5/27/2016	60	10	19	110	
BH08	8/17/2016	5.1	6.2	20	320	
BH08	11/9/2016	<1.0	<1.0	<1.0	9.1	
BH08	2/1/2017	4.6	<1.0	11	32	
BH08	5/1/2017	<1.0	<1.0	4.7	6.8	
BH08	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH08	11/28/2017	1.6	<1.0	7.5	41	
BH08	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH08	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH08	8/28/2018	<1.0	<1.0	9.7	<2.0	
BH08	11/15/2018	<1.0	<1.0	11	5.1	
BH08	2/14/2019	<1.0	<1.0	7.3	<2.0	
BH08	5/28/2019	<1.0	<1.0	5.6	<1.0	
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	
BH09	8/17/2016	<1.0	<1.0	<1.0	<1.0	
BH09	11/9/2016	<1.0	<1.0	<1.0	<1.0	
BH09	2/1/2017	<1.0	<1.0	<1.0	<1.0	
BH09	5/1/2017	<1.0	<1.0	<1.0	<2.0	
BH09	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH09	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH09	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH09	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH09	8/28/2018	<1.0	<1.0	<1.0	<2.0	
BH09	11/15/2018	<1.0	<1.0	<1.0	<2.0	
BH09	2/14/2019	<1.0	<1.0	<1.0	<2.0	
BH09	5/28/2019	<1.0	<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	
BH10	8/17/2016	<1.0	<1.0	<1.0	<1.0	
BH10	11/9/2016	<1.0	<1.0	<1.0	<1.0	
BH10	2/1/2017	<1.0	<1.0	<1.0	<1.0	
BH10	5/1/2017	<1.0	<1.0	<1.0	<2.0	
BH10	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH10	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH10	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH10	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH10	8/28/2018	<1.0	9.5	540	380	
BH10	11/15/2018	<1.0	<1.0	<1.0	<2.0	
BH10	2/14/2019	<1.0	<1.0	<1.0	<2.0	
BH10	5/28/2019	<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	
BH11	8/17/2016	1,100	3.5	34	770	
BH11	11/9/2016	27	<1.0	100	260	
BH11	2/1/2017	2.0	<1.0	290	330	
BH11	5/1/2017	<1.0	<1.0	160	14	
BH11	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH11	11/28/2017	<1.0	22	370	430	
BH11	2/15/2018	<1.0	32	210	440	
BH11	5/3/2018	<1.0	9.4	30	310	
BH11	8/28/2018	<1.0	<1.0	<1.0	<2.0	
BH11	11/15/2018	<1.0	6.1	770	640	
BH11	2/14/2019	<1.0	2.7	790	700	
BH11	5/28/2019	<1.0	<1.0	689	582	

**TABLE 3  
HISTORICAL GROUNDWATER 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
<b>COGCC Standards (µg/L)</b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	
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	
BH12	8/17/2016	<1.0	<1.0	<1.0	<1.0	
BH12	11/9/2016	<1.0	<1.0	<1.0	<1.0	
BH12	2/1/2017	<1.0	<1.0	<1.0	<1.0	
BH12	5/1/2017	<1.0	<1.0	<1.0	<2.0	
BH12	8/2/2017	<1.0	<1.0	<1.0	<2.0	
BH12	11/28/2017	<1.0	<1.0	<1.0	<2.0	
BH12	2/15/2018	<1.0	<1.0	<1.0	<2.0	
BH12	5/3/2018	<1.0	<1.0	<1.0	<2.0	
BH12	8/28/2018	<1.0	<1.0	<1.0	<2.0	
BH12	11/15/2018	<1.0	<1.0	<1.0	<2.0	
BH12	2/14/2019	<1.0	<1.0	<1.0	<2.0	
BH12	5/28/2019	<1.0	<1.0	<1.0	<1.0	

Notes:

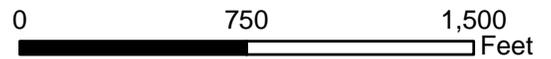
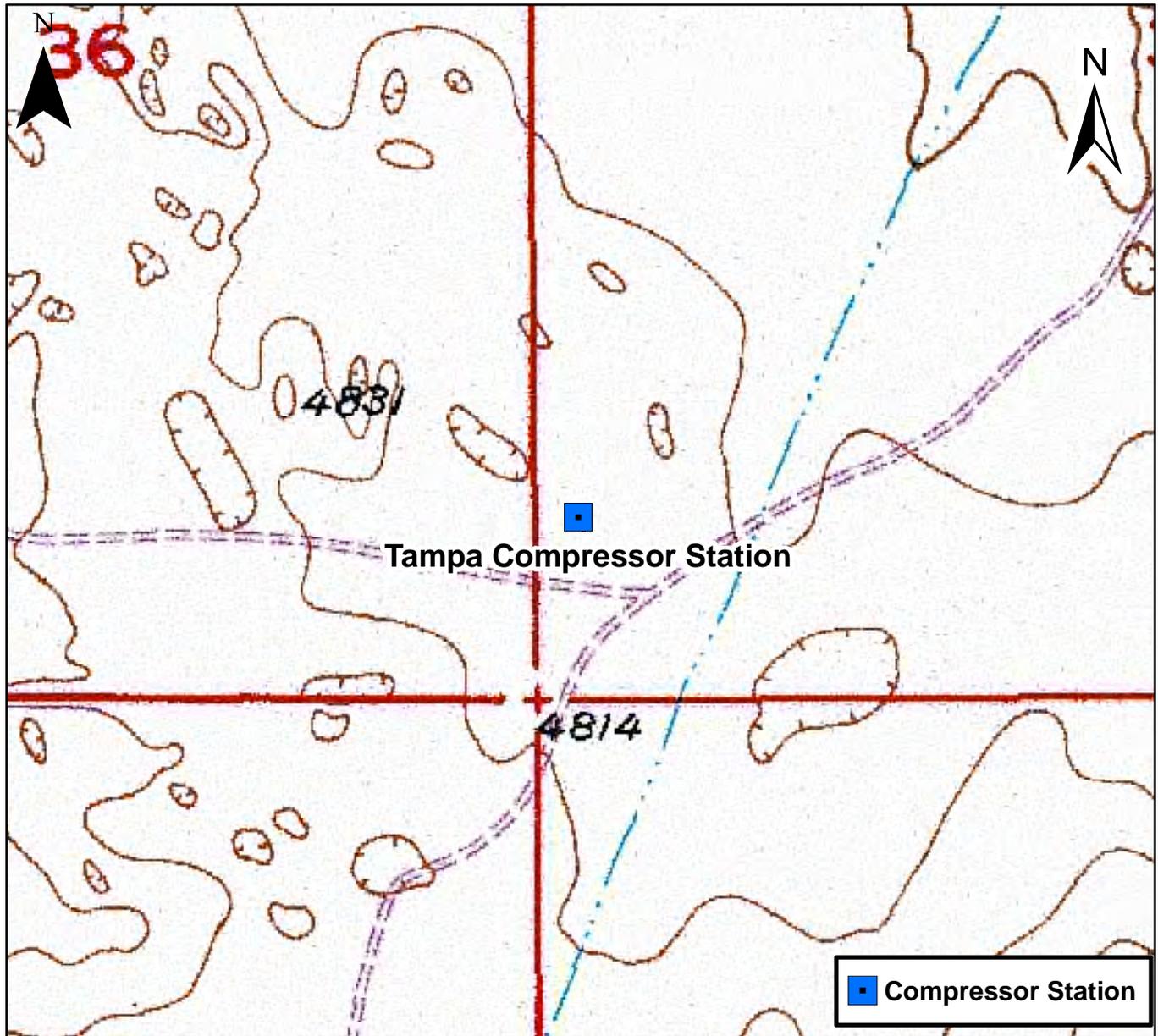
1). The environmental cleanup standards for groundwater that are applicable to this site are the Colorado Oil and Gas Conservation Commission (COGCC) standards for contaminants in groundwater according to Table 910-1 of the COGCC 900 Series Rule for E&P Waste Management.

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

NS = Not sampled.

µg/L = micrograms per liter.

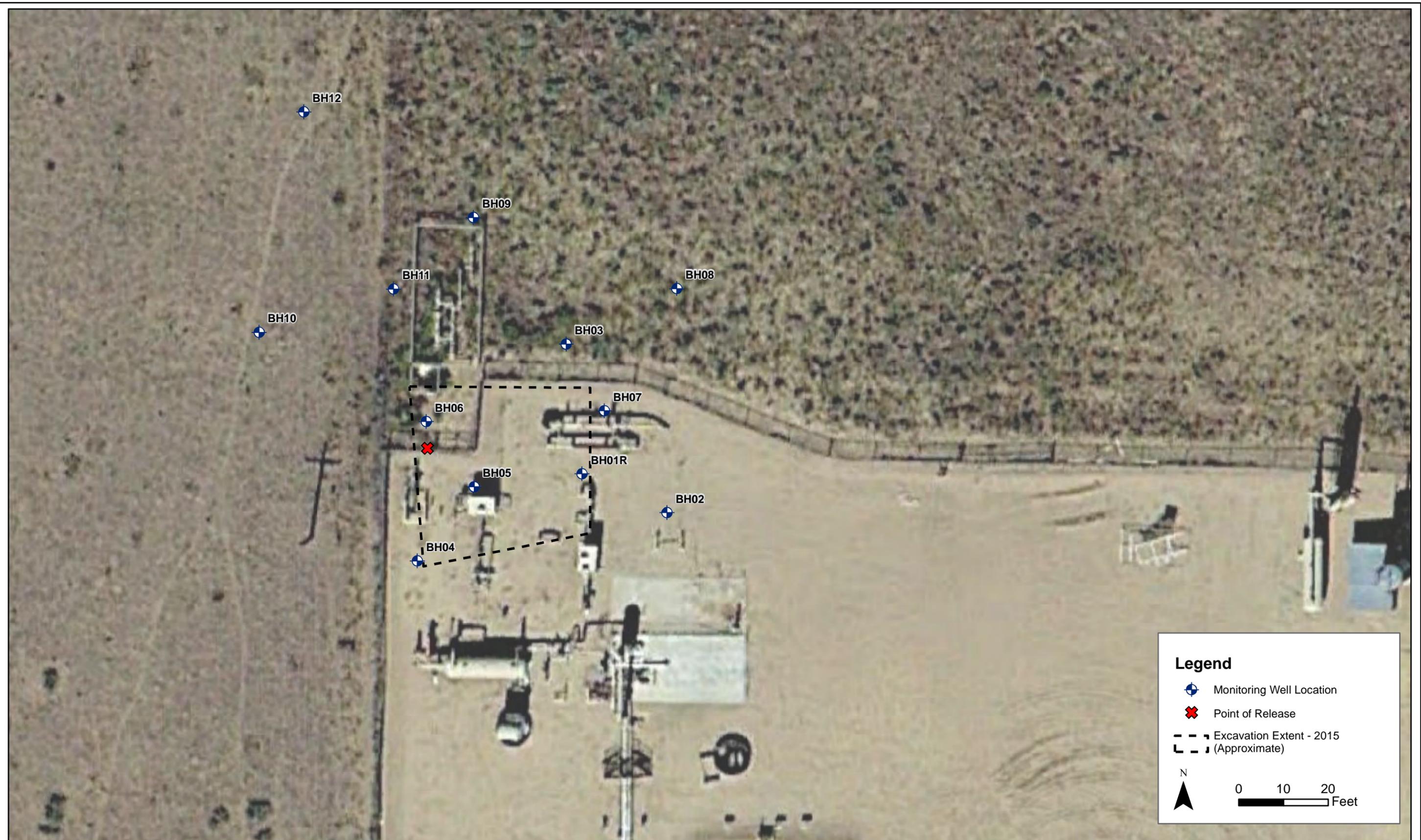
LNAPL - Light non-aqueous phase liquid



### Figure 1

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





**Legend**

-  Monitoring Well Location
-  Point of Release
-  Excavation Extent - 2015 (Approximate)

N

0 10 20 Feet

DATE: November 2018  
 DESIGNED BY: B. Humphrey  
 DRAWN BY: D. Arnold



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

Site Map with  
 Monitoring Well Locations

Figure  
 2



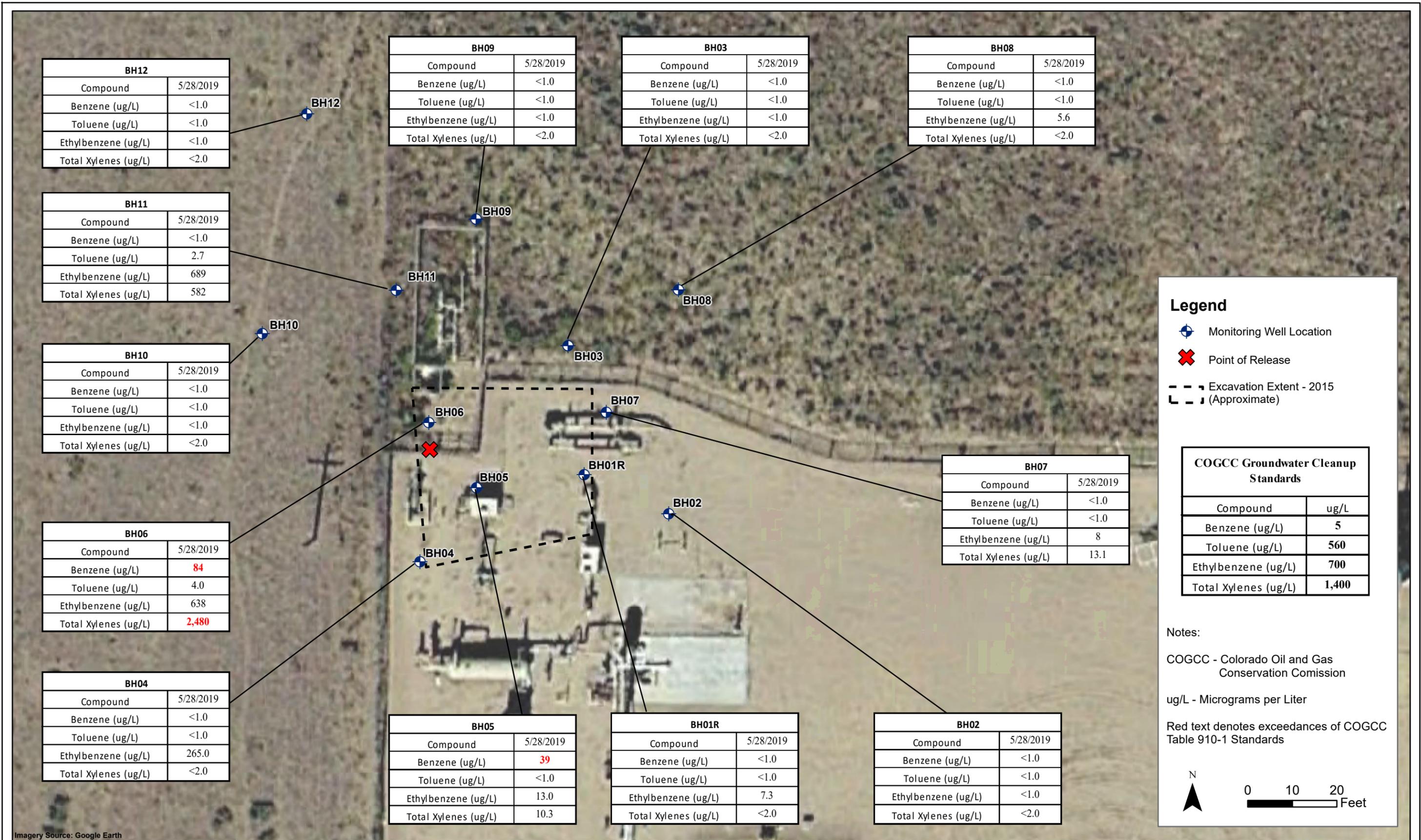
DATE: August 2019  
 DESIGNED BY: B. Humphrey  
 DRAWN BY: J. Clonts



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

Groundwater Elevation  
 Contour Map  
 (May 28, 2019)

Figure  
 3



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



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

Groundwater Analytical Results  
 Map  
 (May 28, 2019)

Figure  
 4

June 03, 2019

Tasman Geosciences

Steve Weathers

6899 Pecos Street, Unit C

Denver CO 80211

**Project Name - DCP - Tampa Compressor Station Project Number - [none]**

Attached are your analytical results for DCP - Tampa Compressor Station received by Origins Laboratory, Inc. May 29, 2019. This project is associated with Origins project number Y905396-01.

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

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

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

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

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

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



Tasman Geosciences  
6899 Pecos Street, Unit C  
Denver CO 80211

Steve Weathers  
Project Number: [none]  
Project: DCP - Tampa Compressor Station

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH01R	Y905396-01	Water	May 28, 2019 12:12	05/29/2019 10:20
BH02	Y905396-02	Water	May 28, 2019 12:13	05/29/2019 10:20
BH03	Y905396-03	Water	May 28, 2019 12:30	05/29/2019 10:20
BH04	Y905396-04	Water	May 28, 2019 12:59	05/29/2019 10:20
BH05	Y905396-05	Water	May 28, 2019 13:20	05/29/2019 10:20
BH06	Y905396-06	Water	May 28, 2019 13:03	05/29/2019 10:20
BH07	Y905396-07	Water	May 28, 2019 12:53	05/29/2019 10:20
BH08	Y905396-08	Water	May 28, 2019 12:24	05/29/2019 10:20
BH09	Y905396-09	Water	May 28, 2019 12:34	05/29/2019 10:20
BH10	Y905396-10	Water	May 28, 2019 12:45	05/29/2019 10:20
BH11	Y905396-11	Water	May 28, 2019 13:13	05/29/2019 10:20
BH12	Y905396-12	Water	May 28, 2019 12:43	05/29/2019 10:20

Origins Laboratory, Inc.



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

Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**ORIGINS**  
 LABORATORY, INC  
 www.originslaboratory.com  
 Y905396  
 page 1 of 2

Client: DL Midstream Tasman Project Manager/Send Report To: Steve Weathers  
 Address: 6899 Pecos St. Email Address: swweathers@originslaboratory.com  
Denver, CO 80221 Project Name/Number: Tampa Compressor Station / N/A  
 Telephone Number: 484-744-3328 Samples Collected By: Alison D. Morgan S.

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

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis/Method	Sample Instructions	
				Unpreserved	HCl	HNO <sub>3</sub>	Other	Groundwater	Soil	Air Summ #			Other
BH016	05/28/14	1212	3	X				X					Tests added per
BH02		1213	1										the email from
BH03		1230	1										known on 5/29/14
BH04		1259	1										9/4
BH05		1320	1										
BH06		1301	1										
BH07		1253	1										
BH08		1224	1										
BH09		1234	1										
BH10		1245	1										
Relinquished By: <u>[Signature]</u>	Date: 05/29/14	Time: 1705	Received By: <u>[Signature]</u>	Date: 05/28/14	Time: 1020	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard	Relinquished By: <u>[Signature]</u>	Date: 05/28/14	Time: 1020	Received By: <u>[Signature]</u>	Date: 05/28/14	Time: 1020	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard

Origins Laboratory, Inc.

Jefe Pellegrini

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



Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: Y905396 Client: Tasman  
 Client Project ID: Tampa Compressor  
 Checklist Completed by: JG Shipped Via: HD  
 Date/time completed: 5/29/2019 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Airbill #: N/A  
 Matrix(s) Received: (Check all that apply): Soil/Solid  Water  Other: \_\_\_\_\_  
 Cooler Number/Temperature: 1 / 2.1 °C \_\_\_\_\_ °C \_\_\_\_\_ °C \_\_\_\_\_ °C (Describe)  
 Thermometer ID: T003

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

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

Reviewed by (Project Manager) OP Date/Time Reviewed 5/30/19

Origins Laboratory, Inc.



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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH01R**

**5/28/2019 12:12:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-01 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	KDK	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	<b>7.33</b>	1.00	"	"	"	KDK	"	"	
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	98.6 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	105 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH02**

**5/28/2019 12:13:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-02 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	KDK	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	98.8 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	105 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH03**

**5/28/2019 12:30:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-03 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	KDK	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	ND	1.00	"	"	"	KDK	"	"	U
Xylenes, total	ND	1.00	"	"	"	KDK	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	99.3 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH04**

**5/28/2019 12:59:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-04 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	KDK	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	KDK	"	"	U
Ethylbenzene	<b>265</b>	10.0	"	10	"	JTD	"	05/30/2019	
Xylenes, total	<b>608</b>	10.0	"	"	"	JTD	"	"	

Surrogate: 1,2-Dichloroethane-d4	104 %	70-130			"	"		05/30/2019	
Surrogate: Toluene-d8	99.8 %	70-130			"	"		"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"		"	

Origins Laboratory, Inc.



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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH05**

**5/28/2019 1:20:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-05 (Water)**

**BTEX by EPA 8260D**

Benzene	38.9	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	13.0	1.00	"	"	"	JTD	"	"	
Xylenes, total	10.3	1.00	"	"	"	JTD	"	"	
Surrogate: 1,2-Dichloroethane-d4	106 %			70-130		"	"	"	
Surrogate: Toluene-d8	98.2 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %			70-130		"	"	"	

Origins Laboratory, Inc.



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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH06**

**5/28/2019 1:03:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-06 (Water)**

**BTEX by EPA 8260D**

Benzene	83.8	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	
Toluene	3.95	1.00	"	"	"	JTD	"	"	
Ethylbenzene	638	20.0	"	20	"	JTD	"	05/30/2019	
Xylenes, total	2480	20.0	"	"	"	JTD	"	"	
Surrogate: 1,2-Dichloroethane-d4	104 %			70-130		"	"	05/30/2019	
Surrogate: Toluene-d8	98.8 %			70-130		"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %			70-130		"	"	"	

Origins Laboratory, Inc.



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

Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH07**

**5/28/2019 12:53:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-07 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	<b>7.69</b>	1.00	"	"	"	JTD	"	"	
Xylenes, total	<b>13.1</b>	1.00	"	"	"	JTD	"	"	

Surrogate: 1,2-Dichloroethane-d4	103 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	97.6 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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

Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH08**

**5/28/2019 12:24:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-08 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	<b>5.64</b>	1.00	"	"	"	JTD	"	"	
Xylenes, total	ND	1.00	"	"	"	JTD	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"		
Surrogate: Toluene-d8	99.5 %	70-130			"	"	"		
Surrogate: 4-Bromofluorobenzene	105 %	70-130			"	"	"		

Origins Laboratory, Inc.



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

Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH09**

**5/28/2019 12:34:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y905396-09 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JTD	"	"	U
Xylenes, total	ND	1.00	"	"	"	JTD	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	99.9 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"	"	

Origins Laboratory, Inc.



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

Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH10**

**5/28/2019 12:45:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
---------	--------	-----------------	-------	----------	-------	---------	----------	----------	-------

**Origins Laboratory, Inc.**  
**Y905396-10 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JTD	"	"	U
Xylenes, total	ND	1.00	"	"	"	JTD	"	"	U

Surrogate: 1,2-Dichloroethane-d4	105 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	99.0 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	104 %	70-130			"	"	"	"	

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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH11**

**5/28/2019 1:13:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y905396-11 (Water)**

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	<b>689</b>	10.0	"	10	"	JTD	"	05/30/2019	
Xylenes, total	<b>582</b>	10.0	"	"	"	JTD	"	"	

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"		05/30/2019	
Surrogate: Toluene-d8	100 %	70-130			"	"		"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"		"	

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 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

**BH12**

**5/28/2019 12:43:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y905396-12 (Water)

**BTEX by EPA 8260D**

Benzene	ND	1.00	ug/L	1	B9E2907	JTD	05/29/2019	05/30/2019	U
Toluene	ND	1.00	"	"	"	JTD	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JTD	"	"	U
Xylenes, total	ND	1.00	"	"	"	JTD	"	"	U

Surrogate: 1,2-Dichloroethane-d4	106 %	70-130			"	"	"	"	
Surrogate: Toluene-d8	96.8 %	70-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	103 %	70-130			"	"	"	"	

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Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9E2907 - EPA 5030B (Water)**

**Blank (B9E2907-BLK1)**

Prepared: 05/29/2019 Analyzed: 05/29/2019

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	65		"	62.5		103	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	70-130			

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Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B9E2907 - EPA 5030B (Water)**

**Blank (B9E2907-BLK2)**

Prepared: 05/29/2019 Analyzed: 05/29/2019

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	64		"	62.5		103	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

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Tasman Geosciences  
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Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9E2907 - EPA 5030B (Water)

**LCS (B9E2907-BS1)**

Prepared: 05/29/2019 Analyzed: 05/29/2019

Benzene	51.0	1.00	ug/L	50.0		102	70-130			
Toluene	50.8	1.00	"	50.0		102	70-130			
Ethylbenzene	51.1	1.00	"	50.0		102	70-130			
m,p-Xylene	103	2.00	"	100		103	70-130			
o-Xylene	50.4	1.00	"	50.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		95.8	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9E2907 - EPA 5030B (Water)

**LCS (B9E2907-BS2)**

Prepared: 05/29/2019 Analyzed: 05/29/2019

Benzene	53.3	1.00	ug/L	50.0		107	70-130			
Toluene	54.3	1.00	"	50.0		109	70-130			
Ethylbenzene	55.8	1.00	"	50.0		112	70-130			
m,p-Xylene	112	2.00	"	100		112	70-130			
o-Xylene	55.0	1.00	"	50.0		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.4	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9E2907 - EPA 5030B (Water)

Matrix Spike (B9E2907-MS1)	Source: Y905396-01			Prepared: 05/29/2019 Analyzed: 05/29/2019						
Benzene	51.5	1.00	ug/L	50.0	0.820	101	70-130			
Toluene	52.3	1.00	"	50.0	ND	105	70-130			
Ethylbenzene	56.3	1.00	"	50.0	7.33	97.9	70-130			
m,p-Xylene	107	2.00	"	100	0.530	107	70-130			
o-Xylene	53.4	1.00	"	50.0	ND	107	70-130			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.0	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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Tasman Geosciences  
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Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9E2907 - EPA 5030B (Water)

Matrix Spike (B9E2907-MS2)	Source: Y905396-02			Prepared: 05/29/2019 Analyzed: 05/29/2019						
Benzene	51.3	1.00	ug/L	50.0	ND	103	70-130			
Toluene	51.0	1.00	"	50.0	ND	102	70-130			
Ethylbenzene	52.6	1.00	"	50.0	ND	105	70-130			
m,p-Xylene	107	2.00	"	100	ND	107	70-130			
o-Xylene	52.6	1.00	"	50.0	ND	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		99.4	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	65		"	62.5		104	70-130			

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Tasman Geosciences  
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 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9E2907 - EPA 5030B (Water)

Matrix Spike Dup (B9E2907-MSD1)	Source: Y905396-01			Prepared: 05/29/2019 Analyzed: 05/29/2019						
Benzene	52.9	1.00	ug/L	50.0	0.820	104	70-130	2.78	20	
Toluene	53.6	1.00	"	50.0	ND	107	70-130	2.49	20	
Ethylbenzene	57.9	1.00	"	50.0	7.33	101	70-130	2.79	20	
m,p-Xylene	111	2.00	"	100	0.530	111	70-130	3.58	20	
o-Xylene	55.1	1.00	"	50.0	ND	110	70-130	3.23	20	
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		98.0	70-130			
Surrogate: Toluene-d8	63		"	62.5		100	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	70-130			

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 Denver CO 80211

Steve Weathers  
 Project Number: [none]  
 Project: DCP - Tampa Compressor Station

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B9E2907 - EPA 5030B (Water)

Matrix Spike Dup (B9E2907-MSD2)	Source: Y905396-02			Prepared: 05/29/2019 Analyzed: 05/29/2019						
Benzene	50.0	1.00	ug/L	50.0	ND	100	70-130	2.43	20	
Toluene	50.6	1.00	"	50.0	ND	101	70-130	0.728	20	
Ethylbenzene	51.7	1.00	"	50.0	ND	103	70-130	1.72	20	
m,p-Xylene	105	2.00	"	100	ND	105	70-130	1.70	20	
o-Xylene	52.2	1.00	"	50.0	ND	104	70-130	0.649	20	
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.3	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	65		"	62.5		104	70-130			

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Tasman Geosciences  
6899 Pecos Street, Unit C  
Denver CO 80211

Steve Weathers  
Project Number: [none]  
Project: DCP - Tampa Compressor Station

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**Notes and Definitions**

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jen Pellegrini For Noelle Doyle Mathis, President