Accepted for the record. 04/26/2023.

NV



2021 ANNUAL GROUNDWATER MONITORING REPORT

Blanco Plant – South Flare Pit and D Plant Areas

NMOCD Incident No. nAPP2110640022

Prepared for:

El Paso Natural Gas Company, LLC 1001 Louisiana Street Houston, Texas 77002

Prepared by:

Stantec Consulting Services, Inc. 11311 Aurora Avenue Des Moines, IA 50322

March 2021

Table of Contents

1.0	INTRODUCTION	.1
2.0	SITE BACKGROUND	.2
2.1	SITE DESCRIPTION	.2
2.2	SITE HISTORY	.2
2.3	GEOLOGY AND HYDROGEOLOGY	.3
3.0	GROUNDWATER MONITORING ACTIVITIES	4
3.1	DEPTH TO WATER MEASUREMENTS	.4
3.2	GROUNDWATER SAMPLING	,4
4.0	GROUNDWATER RESULTS	.6
4.1	GROUNDWATER ELEVATION AND GRADIENT	.6
4.2	GROUNDWATER ANALYTICAL RESULTS	.6
5.0	PLANNED FUTURE ACTIVITIES	.7
6.0	REFERENCES	,8

LIST OF TABLES

Table 1	– Grou	Indwater	Elevation	Data
	0.00			0.0

- Table 2 Summary of Groundwater Volatile Organic Compound Analytical Results
- Table 3 Summary of Groundwater Nitrate/Nitrite Analytical Results

LIST OF FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Plan
- Figure 3 Groundwater Elevation Map November 9, 2021
- Figure 4 Groundwater Analytical Results Nitrate

LIST OF APPENDICES

- Appendix A NMOCD Notification of Site Activities
- Appendix B Wastewater Disposal Documentation
- Appendix C Analytical Laboratory Report

Abbreviations

Bgs	below ground surface
DTP	depth to product
DTW	depth to water
EPA	U.S. Environmental Protection Agency
EPNG	El Paso Natural Gas Company, LLC
LNAPL	light non-aqueous phase liquid
mg/L	milligrams per liter
MW	monitoring well
NMOCD	New Mexico Oil Conservation Division
NMWQCC	New Mexico Water Quality Control Commission
PCE	Tetrachloroethene
QC	quality control
TCE	Trichloroethene
VOC	volatile organic compound

1.0 INTRODUCTION

This 2021 Annual Groundwater Monitoring Report has been prepared on behalf of El Paso Natural Gas Company, LLC (EPNG) to present the results of the 2021 annual groundwater monitoring activities at the Blanco Gas Plant South Flare Pit (SFP) and D Plant Areas (Site).

The Site is currently regulated by the New Mexico Oil Conservation Division (NMOCD) and is located at 81 Road 4900 in Bloomfield, San Juan County, New Mexico. Annual groundwater sampling is typically conducted in the fourth calendar quarter. The Site location is shown in Figure 1 and the Site plan is shown in Figure 2. The 2021 groundwater sampling event was performed by Stantec Consulting Services, Inc. (Stantec), on behalf of EPNG.

2.0 SITE BACKGROUND

2.1 SITE DESCRIPTION

The Blanco South site (the Site) is located approximately 1.5 miles northeast of central Bloomfield, New Mexico. The San Juan River is roughly 2 miles south of the Site. Citizens Ditch, a local irrigation canal, is located immediately south of the Blanco Plant. The subject impacted areas of the Site (SFP and D Plant Areas) are located within the fenced boundary of the Blanco Gas Plant, which is currently operating as a natural gas processing and distribution facility. The D Plant Area is in an active operations area and the SFP is located on the southern portion of the facility outside of the active gas processing area. The SFP was closed in November-December 1992. In 2003, the majority of the Blanco Gas Plant was sold by EPNG to Enterprise Products (Enterprise). Kinder Morgan, the parent company of EPNG, currently operates a portion of the compression facilities at the Site. Properties adjacent to the Site include the following:

- North County Road 4900, natural gas processing and distribution facilities, and the former North Flare Pit.
- South Citizens Ditch (public water supply diversion ditch) and agricultural/residential land.
- East Natural gas processing and distribution facilities.
- West Natural gas processing and distribution facilities.

2.2 SITE HISTORY

Bechtel Environmental (Bechtel, 1989) initially assessed the hydrogeology at the Site during a 1988 Investigation. During the investigation, six monitoring wells were installed and sampled for nitrate/nitrite. Elevated nitrate concentrations were found in samples collected in upgradient monitoring well MW-2 and onsite monitoring well MW-6. This report concluded that the high nitrate concentrations found in upgradient monitoring well MW-2 were not the result of the Blanco Gas Plant operations.

In 1990, a study was conducted by K.W. Brown and Associates, Inc. (K.W. Brown, 1990) to investigate the extent of contamination in the D Plant Area due to a leaking underground storage tank. As part of this study, the source of elevated nitrate in groundwater was further investigated. Off-site monitoring well MW-19 was installed north of MW-2. Based on the results, elevated nitrate concentrations were found in MW-2, MW-19, MW-14, and MW-15. Monitoring wells MW-2 and MW-19 became part of the Blanco North site and were abandoned in 2017. An inspection of the Blanco Gas Plant was performed during the investigation to determine a potential nitrate source; however, no sources were identified.

In 2003, MWH Americas, Inc. (MWH, 2012) conducted a study of area background nitrate data to determine a potential source. The study determined that evaporites present at the Blanco Gas Plant can produce elevated nitrate concentrations in leachate. The study also determined that several products used in the Blanco Gas Plant operations were composed of nitrates and nitrites. However, no major releases of such products were identified. In addition, during the 1990s, fertilizer was commonly used for the in-situ remediation of residual petroleum hydrocarbons. The 2003 nitrate study concluded that groundwater monitoring should be conducted annually.

In 2015, CH2M (now Jacobs) installed additional monitoring wells at the Site to evaluate the nature and extent of volatile organic compounds (VOCs) and nitrate in groundwater at the D Plant Area and nitrate in groundwater on the southern portion of the Site, including the former SFP. Monitoring wells MW-71, MW-72, MW-73, MW-74, MW-75, MW-76, MW-77, MW-78, MW-79, MW-80, and MW-81 were installed. The findings indicated that the VOCs in the D Plant Area

were limited to a small central area and the only exceedance of a New Mexico Water Quality Control Commission (NMWQCC) standard was for 1,1-dichloroethane at MW-13. There were several exceedances of the NMWQCC standard for nitrate in the D Plant Area. Nitrate exceedances of the NMWQCC standard were found throughout the southern portion of the Site, including at the former SFP, however, the nitrate did not exceed standards in the downgradient wells, indicating that the limits of the nitrate exceedances in groundwater were delineated onsite. The findings of that investigation were presented in a Site Characterization Report (CH2M, 2016).

The results of annual groundwater sampling have been documented in annual groundwater monitoring reports submitted to the NMOCD.

2.3 GEOLOGY AND HYDROGEOLOGY

Bechtel Environmental (Bechtel, 1989) and K.W Brown and Associates (K.W. Brown, 1990) summarized the geology and hydrogeology beneath the Blanco Gas Plant during their 1988 and 1990 investigations. According to the investigation results, the plant area is located on Quaternary alluvium consisting of sand, silt, clay, and gravel. The alluvium varies in thickness from less than 3 feet to more than 75 feet (Bechtel, 1989). Beneath the alluvium is the Tertiary Nacimiento Formation, consisting of interbedded, coarse to medium-grained arkosic sandstone, siltstone, and shale; both characterized as channel fill and floodplain deposits. The channel-fill sandstone may locally dictate groundwater flow due to higher hydraulic conductivities in these units.

The direction of groundwater flow was determined to be to the south, towards the San Juan River (Bechtel, 1989). The average hydraulic conductivity was estimated to be 2.1 x 10⁻⁴ centimeters per second. Depth to groundwater in monitoring wells constructed within a relict channel (e.g., MW-2) was approximately 50 feet below ground surface (bgs). Depth to groundwater in monitoring wells constructed in the Nacimiento Formation (e.g., MW-10) was approximately 9 feet bgs. The results of the Bechtel Environmental investigation were generally consistent with the findings of the K.W. Brown and Associates investigation.

Historically, the groundwater flow direction of the D Plant Area and South Flare Pit have been presented separately from the former North Flare Pit property to the north. Beginning in 2017, it was determined that the potentiometric surface from the North Flare Pit property and the SFP and D Plant Areas should be depicted together when evaluating the groundwater flow direction.

3.0 GROUNDWATER MONITORING ACTIVITIES

Stantec conducted annual groundwater monitoring at the Blanco Gas Plant South Flare Pit (SFP) and D Plant Areas (D Plant Areas) Site in November 2021. Stantec provided a field work notification via email to the NMOCD on November 3, 2021, prior to initiating sampling and monitoring activities at the Site. A copy of the 2021 NMOCD notification is provided in Appendix A.

The following sections summarize the activities conducted during 2021.

3.1 DEPTH TO WATER MEASUREMENTS

Site-wide groundwater gauging activities were performed on November 9, 2021, and groundwater elevations at nineteen (19) EPNG monitoring wells (MW-8, MW-12 through MW-15, MW-28, MW-29, MW-30, and MW-71 through MW-81) were measured... Monitoring wells MW-12 through MW-15, and MW-71, are associated with the D Plant Area, while the remaining monitoring wells are associated with the SFP. The monitoring wells associated with the North Flare Pit portion of the Blanco Plant were also gauged on November 9, 2021, to evaluate groundwater elevations across both the north and south portions of the Blanco Plant.

Well gauging was completed using an oil-water interface probe. The depth to water (DTW) and depth to product (DTP), as applicable, were measured at each of the accessed monitoring wells. Light non-aqueous phase liquids (LNAPL) were not encountered during gauging or subsequent sampling at the SFP or D Plant Area. The 2021 groundwater gauging data and resulting groundwater elevations are included with historical gauging results on Table 1.

3.2 GROUNDWATER SAMPLING

Following collection of gauging data, on November 9, 2021, groundwater samples were collected from the EPNG monitoring wells using HydraSleeve samplers. The HydraSleeves used to collect the groundwater samples were installed in the site monitoring wells following the November 2020 annual groundwater sampling event. Following sampling activities, Stantec installed new HydraSleeves to facilitate future groundwater sampling at these locations.

Groundwater samples were placed into laboratory-supplied sample containers, packed on ice, and shipped under standard chain-of-custody protocols to the Eurofins TestAmerica analytical laboratory (Eurofins), located in Pensacola, Florida. One laboratory-supplied trip blank, and two blind field duplicate samples, were also collected during the groundwater sampling event. The groundwater samples were analyzed for nitrate using Method E300.0. Groundwater samples collected from monitoring wells in the D-Plant Area (MW-12, MW-13, MW-14, MW-15, and MW-71) were also analyzed for selected VOCs using United States Environmental Protection Agency (EPA) Method 8260B.

Except for wastewater generated during the sampling of the five monitoring wells in the D Plant Area, excess groundwater and other wastewater generated during the groundwater sampling event was containerized and transported to Basin Disposal, Inc. located in Bloomfield, New Mexico, for treatment and disposal. Waste disposal documentation is included as Appendix B. Any excess water generated during the sampling of monitoring wells MW-12 through MW-15 and MW-71 was sent with the samples to Eurofins.

Groundwater analytical data were subjected to a validation process to review data quality and analytical methods used. The data review focused on the potential impact of laboratory performance and matrix effects on the validity of the analytical results. During the review, sample results that did not meet quality control (QC) acceptance criteria were qualified with flags to indicate a potential problem with the data, as noted on the groundwater analytical data summary tables (Tables 2 and 3). The Stantec data validation report, and associated level IV data packages from Eurofins, are available upon request.

4.0 GROUNDWATER RESULTS

4.1 GROUNDWATER ELEVATION AND GRADIENT

Groundwater elevations determined from the November 9, 2021 gauging event indicate the apparent groundwater flow direction across the Site is generally to the south and southeast, as depicted on Figure 3. The groundwater elevation trends across the Blanco Plant are generally consistent with the previous gauging event in November 2020.

4.2 GROUNDWATER ANALYTICAL RESULTS

Tables 2 and 3 summarize the annual groundwater analytical results for VOCs and nitrates, respectively. The analytical laboratory report is included as Appendix C. As reported in Appendix C, constituents:

- 1,1-dichloroethane (1,1-DCA) was not detected at or above the NMWQCC Standard (0.025 milligrams per liter [mg/L]) in the samples collected from the five monitoring wells for analysis of VOCs.
- 1,2-dichlorobenzene (1,1-DCB) was detected in one of the five monitoring wells sampled and analyzed for VOCs, at a concentration of 0.0051 mg/L (MW-13). A NMWQCC standard for 1,1-DCB has not been established.
- Cis-1,2-dichloroethene (cis-1,2-DCE) was not detected at or above the NMWQCC Standard (0.070 mg/L) in the samples collected from the five monitoring wells for analysis of VOCs.
- Trichloroethene (TCE) was detected above the NMWQCC Standard (0.1 mg/L) in one of the five monitoring wells sampled and analyzed for VOCs, at a concentration of 0.028 mg/L (MW-13).
- Tetrachloroethene (PCE) was not detected at or above the NMWQCC Standard (0.02 mg/L) in the samples collected from the five monitoring wells for analysis of VOCs.
- Nitrate was detected at concentrations exceeding the NMWQCC standard (10 mg/L) in the samples collected from monitoring wells MW-15 (17 mg/L), MW-28 (39 mg/L), MW-29 (73 mg/L), MW-71 (14 mg/L), MW-73 (23 mg/L), MW-75 (54 mg/L), MW-77 (48 mg/L), MW-78 (36 mg/L), MW-80 (74 mg/L), and MW-81 (40 mg/L). Nitrate was either not detected or detected at concentrations below the standard in the remaining site wells.

Field duplicate samples were collected from monitoring wells MW-14 and MW-28 during the 2021 sampling event. No significant differences were noted between the primary and the duplicate samples.

Figure 4 depicts the nitrate concentrations in groundwater samples collected in November 2021.

5.0 PLANNED FUTURE ACTIVITIES

Annual groundwater monitoring is to continue in 2022. Groundwater samples will be collected from the nineteen site monitoring wells. Field duplicates and a trip blank will also be collected during the groundwater sampling event. The groundwater samples, and field duplicates will be analyzed for nitrate using Method 300.0. Monitoring wells MW-12 through MW-15, MW-71, one duplicate sample, and the trip blank will also be analyzed for VOCs.

The activities completed in 2022 and their results will be summarized in the 2022 Annual Report, to be submitted by April 1, 2023.

6.0 **REFERENCES**

Bechtel Environmental, 1989. Groundwater Investigation Report, El Paso Natural Gas Company's Blanco Plant, San Juan County, New Mexico. January 1989.

CH2M, 2016. Site Characterization Report, Blanco Plant South Flare Pit and D Plant Areas, Bloomfield, New Mexico. March 2016.

Jacobs, 2020. 2019 Annual Groundwater Monitoring Report, Blanco Gas Plant – South Flare Pit and D Plant Area, Bloomfield, New Mexico. March 2020.

K.W. Brown and Associates, Inc., 1990. Site Investigation of the Blanco Plant, San Juan County, New Mexico. Prepared for El Paso Natural Gas Company. February 1990.

MWH, 2012. 2011 Groundwater Report for the Blanco Plant South Flare Pit and D Plant Areas. March 2012.

TABLES

- TABLE 1 –
 GROUNDWATER ELEVATION DATA
- TABLE 2 -SUMMARY OF GROUNDWATER VOLATILE ORGANIC
COMPOUND ANALYTICAL RESULTS
- TABLE 3 -SUMMARY OF GROUNDWATER NITRATE/NITRITEANALYTICAL RESULTS

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
MW-8	5581.61	9/23/1988	28.79	5552.82
		1/8/1990	26.47	5555.14
		6/18/1991	NA	NA
		2/19/1993	NA	NA
		6/7/1993	NA	NA
		9/27/1993	NA	NA
		1/27/1994	NA	NA
		11/10/2000	NA	NA
		3/23/2001	NA	NA
		8/28/2001	35.76	5545.85
		5/28/2002	NA	NA
		6/3/2003	34.05	5547.56
		5/17/2004	34.41	5547.20
		5/31/2005	34.66	5546.95
		6/8/2006	34.69	5546.92
		6/20/2007	33.60	5548.01
		5/22/2007	33.22	5548.39
		5/28/2009	33.22	5547.65
		5/25/2010	33.96	5547.05
		10/19/2011	Dry	Dry
		12/18/2013	Dry	Dry
		12/15/2014	NM	NM
		12/16/2015	Dry	Dry
		12/14/2016	29.31	5552.30
		11/15/2017	32.06	5549.55
		1/28/2018	32.30	5549.31
		11/15/2018	29.54	5552.07
		4/16/2019	26.38	5555.23
		9/23/2019	26.82	5554.79
		10/15/2019	26.05	5555.56
		11/17/2020	28.41	5553.20
		11/9/2021	31.23	5550.38
MW-12	5605.04	5/28/2002	20.95	5584.09
		6/3/2003	16.99	5588.05
		5/17/2004	16.59	5588.45
		5/31/2005	15.65	5589.39
		6/8/2006	18.62	5586.42
		6/20/2007	16.55	5588.49
		5/22/2008	16.04	5589.00
		5/28/2009	17.20	5587.84
		5/24/2010	15.90	5589.14
		10/19/2011	16.94	5588.10
		12/18/2013	18.02	5587.02
		12/15/2014	18.50	5586.54
		2/10/2015	18.32	5586.72
		12/16/2015	17.13	5587.91
		12/14/2016	16.15	5588.89
		11/15/2017	17.08	5587.96
		1/29/2018	19.21	5585.83
		11/15/2018	18.46	5586.58
		4/16/2019	15.91	5589.13
		9/23/2019	16.49	5588.55
				0000.00
		10/15/2019	16.98	5588.06
		10/15/2019 11/17/2020	16.98 18.20	5588.06 5586.84

Table 1 Groundwater Elevation Data Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

	TOC Elevation	Measurement	Depth to Water	Groundwater
Monitoring Well	(ft amsl)	Date	(ft btoc)	Elevation
MW-13	5600.64	5/28/2002	16.76	(ft amsl) 5583.88
10100-13	5000.04	6/3/2002	14.44	5586.20
		5/17/2004	14.12	5586.52
		5/31/2005	13.43	5587.21
		6/8/2006	15.60	5585.04
		6/20/2007	14.33	5586.31
		5/22/2008	13.91	5586.73
		5/28/2009	14.55	5586.09
		5/25/2010	14.60	5586.04
		10/19/2011	13.65	5586.99
		12/18/2013	14.95	5585.69
		12/15/2014	15.17	5585.47
		2/10/2015	14.35	5586.29
		12/16/2015	14.38	5586.26
		12/14/2016	13.77	5586.87
		11/15/2017	14.26	5586.38
		1/28/2018	15.52	5585.12
		11/15/2018	15.90	5584.74
		4/16/2019	13.20	5587.44
		9/23/2019	13.81	5586.83
		10/15/2019	14.24	5586.40
		11/17/2020	15.09	5585.55
		11/9/2021	14.67	5585.97
MW-14	5601.54	5/28/2002	21.57	5579.97
		6/3/2003	19.85	5581.69
		5/17/2004	19.78	5581.76
		5/31/2005	18.81	5582.73
		6/8/2006	20.03	5581.51
		6/20/2007	18.43	5583.11
		5/22/2008	16.20 16.30	5585.34 5585.24
		5/28/2009	15.55	
		5/25/2010 10/19/2011	15.03	5585.99 5586.51
		12/18/2013	15.90	5585.64
		12/15/2014	16.06	5585.48
		2/10/2015	15.55	5585.99
		12/16/2015	15.42	5586.12
		12/14/2016	14.91	5586.63
		11/15/2017	15.35	5586.19
		1/28/2018	16.62	5584.92
		11/15/2018	16.00	5585.54
		4/16/2019	14.35	5587.19
		9/23/2019	14.91	5586.63
		10/15/2019	15.19	5586.35
		11/17/2020	16.13	5585.41
		11/9/2021	15.64	5585.90
MW-15	5599.82	5/28/2002	20.33	5579.49
		6/3/2003	18.85	5580.97
		5/17/2004	18.48	5581.35
		5/31/2005	17.80	5582.02
		6/8/2006	19.68	5580.14
		6/20/2007	18.83	5580.99
		5/22/2008	18.12	5581.70
		5/28/2009	18.83	5580.99
		5/25/2010	18.53	5581.29
		10/19/2011	18.02	5581.80
		12/18/2013	19.24	5580.58
		12/15/2014	19.29	5580.53
		2/10/2015	19.56	5580.26
		12/16/2015	18.45	5581.37
		12/14/2016	18.92	5580.90
	1	11/15/2017	18.80	5581.02

Table 1 Groundwater Elevation Data Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

	TOC Elevation	Measurement	Depth to Water	Groundwater
Monitoring Well	(ft amsl)	Date	(ft btoc)	Elevation
	. ,			(ft amsl)
MW-15 (cont.)	5599.82	1/28/2018	19.88	5579.94
		11/15/2018	19.42	5580.40
		4/16/2019 9/23/2019	19.45 18.66	5580.37 5581.16
		10/15/2019	18.81	5581.01
		11/17/2020	19.41	5580.41
		11/9/2021	19.01	5580.81
MW-28	5575.88	10/7/1993	23.12	5552.76
		2/2/1994	NA	NA
		8/20/1994	NA	NA
		12/20/1994	NA	NA
		2/16/1995	NA	NA
		8/10/2000	NA	NA
		11/10/2000	NA	NA
		3/23/2001	NA	NA
		8/28/2001	NA	NA
		5/28/2002	NA	NA
		6/3/2003	29.68	5546.20
		5/17/2004 5/31/2005	30.71	5545.17
		6/8/2006	30.22 29.30	5545.66 5546.58
		6/20/2007	29.50	5547.30
		5/22/2008	29.04	5546.84
		5/28/2009	28.66	5547.22
		5/25/2010	29.79	5546.09
		10/19/2011	27.47	5548.41
		12/18/2013	27.90	5547.98
		12/15/2014	27.80	5548.08
		2/10/2015	28.84	5547.04
		12/16/2015	26.38	5549.50
		12/14/2016	27.71	5548.17
		11/15/2017	26.25	5549.63
		1/28/2018 11/15/2018	27.82 31.62	5548.06 5544.26
		4/16/2019	30.01	5545.87
		9/23/2019	27.21	5548.67
		10/15/2019	27.05	5548.83
		11/17/2020	25.92	5549.96
		11/9/2021	25.83	5550.05
MW-29	5578.40	10/7/1993	26.40	5552.00
		2/2/1994	NA	NA
		8/20/1994	NA	NA
		12/20/1994	NA	NA
		2/16/1995	NA	NA
		8/10/2000 11/10/2000	NA NA	NA NA
		3/26/2001	NA	NA
		8/28/2001	NA	NA
		5/28/2002	NA	NA
		6/3/2002	31.86	5546.54
		5/17/2004	32.21	5546.19
		5/31/2005	32.21	5546.19
		6/8/2006	31.77	5546.63
		6/20/2007	30.86	5547.54
		5/22/2008	30.17	5548.23
		5/28/2009	31.80	5546.60
		5/25/2010	31.87	5546.53
		10/19/2011	30.02	5548.38
		12/18/2013	30.75	5547.65
		12/15/2014	30.86	5547.54

Table 1 Groundwater Elevation Data Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

•

		Groundwater			
Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to Water (ft btoc)	Elevation	
				(ft amsl)	
MW-29 (cont.)	5578.40	2/10/2015	31.69	5546.71	
		12/16/2015	29.65	5548.75	
		12/14/2016 11/15/2017	29.65 29.10	5548.75 5549.30	
		1/28/2018	30.69	5547.71	
		11/15/2018	29.39	5549.01	
		4/16/2019	32.32	5546.08	
		9/23/2019	29.85	5548.55	
		10/15/2019	29.72	5548.68	
		11/17/2020	29.03	5549.37	
		11/9/2021	28.89	5549.51	
MW-30	5578.39	10/7/1993	25.63	5552.76	
		2/2/1994	NA	NA	
		8/20/1994	NA	NA	
		2/16/1995	NA NA	NA NA	
		8/10/2000 11/10/2000	NA	NA	
		3/26/2001	NA	NA	
		8/28/2001	NA	NA	
		5/28/2002	NA	NA	
		6/3/2003	NA	NA	
		5/17/2004	32.21	5546.18	
		5/31/2005	32.28	5546.11	
		6/8/2006	31.74	5546.65	
		6/20/2007	31.01	5547.38	
		5/22/2008	31.20	5547.19	
		5/28/2009	31.85	5546.54	
		5/25/2010	31.91	5546.48	
		10/19/2011	30.24	5548.15	
		12/18/2013 12/15/2014	30.55 30.46	5547.84 5547.93	
		2/10/2015	30.46	5547.93	
		12/16/2015	28.55	5549.84	
		12/14/2016	29.26	5549.13	
		11/15/2017	28.81	5549.58	
		1/28/2018	30.09	5548.30	
		11/15/2018	29.25	5549.14	
		4/16/2019	31.86	5546.53	
		9/23/2019	29.94	5548.45	
		10/15/2019	29.80	5548.59	
		11/17/2020	28.43	5549.96	
		11/9/2021	28.51	5549.88	
MW-71	5596.32	2/10/2015	25.14	5571.18	
		12/16/2015 12/14/2016	21.80 23.71	5574.52 5572.61	
		11/15/2017	23.71	5573.92	
		1/28/2018	24.26	5572.06	
		11/15/2018	24.85	5571.47	
		4/16/2019	26.95	5569.37	
		9/23/2019	23.69	5572.63	
		10/15/2019	23.78	5572.54	
		11/17/2020	24.78	5571.54	
		11/9/2021	24.41	5571.91	
MW-72	5569.51	2/11/2015	20.90	5548.61	
		12/16/2015	18.66	5550.85	
		12/14/2016	17.89	5551.62	
		11/15/2017	17.94	5551.57	
		1/28/2018	20.55	5548.96 5551.05	
		11/15/2018 4/16/2019	18.46 21.30	5551.05	
		9/23/2019	18.58	5550.93	
		10/15/2019	18.65	5550.86	
		11/17/2020	17.71	5551.80	

Table 1 Groundwater Elevation Data Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

•

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)		
MW-73	5578.70	2/11/2015	31.80	5546.90		
11111-75	3370.70	12/16/2015	29.56	5549.14		
		12/14/2016	29.64	5549.06		
		11/15/2017	29.13	5549.57		
		1/28/2018	30.63	5548.07		
		11/15/2018	29.50	5549.20		
		4/16/2019	32.35	5546.35		
		9/23/2019	29.95	5548.75		
		10/15/2019	29.83	5548.87		
		11/17/2020	28.99	5549.71		
		11/9/2021	28.91	5549.79		
MW-74	5571.47	2/11/2015	25.90	5545.57		
		12/16/2015	23.88	5547.59		
		12/14/2016	23.41	5548.06		
		11/15/2017	22.73	5548.74		
		1/28/2018	25.15	5546.32		
		11/15/2018	22.75	5548.72		
		4/16/2019	28.84	5542.63		
		9/23/2019	22.88	5548.59		
		10/15/2019	22.75	5548.72		
		11/17/2020	21.12	5550.35		
		11/9/2021	21.77	5549.70		
MW-75	5582.66	2/10/2015	34.17	5548.49		
		12/16/2015	32.28	5550.38		
		12/14/2016	31.49	5551.17		
		11/15/2017	32.06	5550.60		
		1/28/2018	32.69	5549.97		
		11/15/2018	29.60	5553.06		
		4/16/2019	27.15	5555.51		
		9/23/2019	27.12	5555.54		
		10/15/2019	26.56	5556.10		
		11/17/2020	29.95	5552.71		
		11/9/2021	32.22	5550.44		
MW-76	5567.13	2/11/2015	19.53	5547.60		
		12/16/2015	16.20	5550.93		
		12/14/2016	16.51	5550.62		
		11/15/2017	15.81	5551.32		
		1/28/2018	19.35	5547.78		
		11/15/2018	15.48	5551.65		
		4/16/2019	19.19	5547.94		
		9/23/2019	14.26	5552.87		
		10/15/2019	14.71	5552.42		
		11/17/2020	15.05	5552.08		
		11/9/2021	14.12	5553.01		
MW-77	5574.52	2/11/2015	24.55	5549.97		
		12/16/2015	22.00	5552.52		
		12/14/2016	15.67	5558.85		
		11/15/2017	21.39	5553.13		
		1/28/2018	23.48	5551.04		
		11/15/2018	23.20	5551.32		
		4/16/2019	23.39	5551.13		
		9/23/2019	23.52	5551.00		
		10/15/2019	23.59	5550.93		
		11/17/2020	22.48	5552.04		
		11/9/2021	22.40	5552.12		
MW-78	5576.27	2/11/2015	29.58	5546.69		
		12/16/2015	26.67	5549.60		
		12/14/2016	27.63	5548.64		
		11/15/2017	26.30	5549.97		
		1/28/2018	28.41	5547.86		
		11/15/2018	26.73	5549.54		
		4/16/2019	30.01	5546.26		
		9/23/2019	27.33	5548.94		
		10/15/2019	27.30	5548.97		
				LLL0 00		
		11/17/2020 11/9/2021	25.99 25.92	5550.28 5550.35		

Table 1 Groundwater Elevation Data Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

Monitoring Well	TOC Elevation (ft amsl)	Measurement Date	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)
MW-79	5583.35	2/11/2015	35.67	5547.68
		12/16/2015	33.73	5549.62
		12/14/2016	33.74	5549.61
		11/15/2017	33.17	5550.18
		1/28/2018	34.35	5549.00
		11/15/2018	33.57	5549.78
		4/16/2019	35.96	5547.39
		9/23/2019	34.12	5549.23
		10/15/2019	33.98	5549.37
		11/17/2020	33.39	5549.96
		11/9/2021	33.29	5550.06
MW-80	5587.40	2/10/2015	29.43	5557.97
		12/16/2015	26.65	5560.75
		12/14/2016	28.82	5558.58
		11/15/2017	27.49	5559.91
		1/28/2018	28.81	5558.59
		11/15/2018	30.50	5556.90
		4/16/2019	30.51	5556.89
		9/23/2019	27.50	5559.90
		10/15/2019	27.56	5559.84
		11/17/2020	30.90	5556.50
		11/9/2021	31.70	5555.70
MW-81	5576.50	2/11/2015	30.25	5546.25
		12/16/2015	28.03	5548.47
		12/14/2016	27.95	5548.55
		11/15/2017	27.39	5549.11
		1/28/2018	29.08	5547.42
		11/15/2018	27.78	5548.72
		4/16/2019	30.78	5545.72
		9/23/2019	28.10	5548.40
		10/15/2019	27.98	5548.52
		11/17/2020	27.25	5549.25
		11/9/2021	27.03	5549.47

Table 1 Groundwater Elevation Data Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

Notes:

Data from monitoring wells abandoned prior to 2018 have been removed from the table NA = Historical data is not available

NM = Not measured

ft btoc = Feet below top of casing ft amsl = Feet above mean sea level

TOC = Top of casing

			4 0 0 00	4 4 5 6 5	trans-1,2-		705	205
Monitoring Well	Sample Date	1,1-DCA	1,2-DCB	1,1-DCE	DCE	cis-1,2-DCE	TCE	PCE
NMWQCC Standard (m		0.025	NE	0.005	NE	0.07	0.1	0.02
MW-12	5/28/2002 6/3/2003	0.021 0.0082	0.0052	<0.001 <0.002	0.0017 <0.002	0.02	0.008	0.003
	5/17/2004	0.0082	0.0034	<0.002	<0.002	0.0082	0.0045	0.0032
	5/31/2005	0.0223	< 0.002	< 0.002	<0.002	0.0188	0.0207	< 0.002
	6/8/2006	0.0087	0.0045	< 0.002	0.00087	0.0107	0.0047	0.0025
	6/20/2007	0.0036	0.003	< 0.002	< 0.002	0.0044	0.003	0.0019
	5/22/2008	0.0061	0.0053	< 0.002	0.00069	0.0082	0.0031	0.0024
	5/28/2009	0.0042	0.0041	<0.002	< 0.002	0.005	0.0026	0.002
	5/24/2010	0.0029	0.0039	<0.0021	0.00052	0.0049	0.0025	0.0019
	10/19/2011	0.0035	0.0052	< 0.002	0.00079	0.0065	0.0029	0.0022
	12/18/2013 12/16/2014	0.00253	NT	< 0.00019	0.000384J	0.00377 0.00244	0.00193 0.00181	0.0015
	2/10/2014	0.00181 0.00136	NT NT	<0.00019 0.000192	0.000314 0.000321	0.00244	0.00181	0.00123
	12/16/2015	0.000982	NT	< 0.000192	< 0.000192	0.00125	0.00145	0.00172
	12/14/2016	0.000466 J	NT	< 0.000192	< 0.000192	0.000549 J	0.00101	0.00134
	11/15/2017	0.000508 J	0.000976 J	< 0.000192	< 0.000192	<0.000157	0.00102	0.00138
	11/15/2018	0.000700 J	0.000891 J	< 0.000192	< 0.000192	0.000364 J	0.001	0.00116
	10/16/2019	0.000951 J	0.00184 J	<0.000192	< 0.000192	0.00138 J	0.00111	0.00143 J
	11/18/2020	0.00072 J	0.0006 J	< 0.00050	< 0.00050	< 0.00050	0.00086 J	0.00075 J
	11/9/2021	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00020	0.00067 J	0.00061 J
MW-13	5/28/2002	0.061	0.079	0.0013	0.0082	0.045	0.039	0.0016
	6/3/2003 5/17/2004	0.0538	0.0505	0.0014 <0.002	0.0082	0.033	0.0351 0.0225	0.0014 <0.002
	5/31/2005	0.0412	<0.0292	< 0.002	0.004	0.0212	0.0225	<0.002
	6/8/2006	0.0488	0.0531	0.0052	0.0052	0.0358	0.0269	<0.002
	6/20/2007	0.0588	0.0639	0.0012	0.0078	0.0436	0.0296	0.0011
	5/22/2008	0.0449	0.0699	0.00086	0.005	0.0323	0.0245	0.00095
	5/28/2009	0.049	0.0572	0.00088	0.0059	0.0343	0.0188	0.0012
	5/25/2010	0.0487	0.0482	0.0011	0.0062	0.0415	0.0186	0.0012
	10/19/2011	0.044	0.0507	0.00093	0.0054	0.0344	0.0168	<0.001
	12/18/2013	0.0407	NT	0.000807 J	0.00389	0.0269	0.0142	0.00114
	12/16/2014	0.0302	NT	0.000612	0.00213	0.0161	0.00807	0.000529
	2/10/2015	0.028	NT	0.000691	0.00195	0.0131	0.00914	0.000807
	12/16/2015	0.0186	NT NT	0.000355 0.000471 J	0.00153 0.00219	0.0104 0.0183	0.00842	0.000697 0.000684 J
	12/14/2016 11/15/2017	0.0271	0.00689	< 0.000192	0.00219 0.000581 J	0.00567	0.0059	0.000557 J
	11/15/2018	0.00908	0.00269	< 0.000192	0.000366 J	0.00243	0.00368	< 0.0000333
	10/16/2019	0.0147	0.00586	0.00024 J	0.000641 J	0.00463	0.00489	0.000738 J
	11/18/2020	0.0036	0.00097 J	< 0.00050	< 0.00050	< 0.00050	0.0023	< 0.00058
	11/9/2021	0.0079	0.0051	< 0.00050	< 0.00050	0.0019	0.0028	0.00044 J
MW-14	5/28/2002	0.0087	<0.001	<0.001	< 0.001	0.0029	0.0019	<0.001
	6/3/2003	0.0095	<0.002	<0.002	<0.002	0.0033	0.0024	<0.002
	5/17/2004	0.0057	<0.002	<0.002	<0.002	0.0021	0.0016	<0.002
	5/31/2005	0.0047	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.0012
	6/8/2006	0.0089	< 0.002	< 0.002	< 0.002	0.0034	0.0018	< 0.002
	6/20/2007 5/22/2008	0.0242 0.0093	0.0238	<0.002 <0.002	0.0027 <0.002	0.0142	0.011 0.003	<0.002 <0.002
	5/28/2009	0.0064	0.0047	<0.002	<0.002	0.0014	0.0015	<0.002
	5/25/2010	0.0072	0.0035	< 0.002	< 0.002	0.0026	0.0021	< 0.002
	10/19/2011	0.0083	0.0052	< 0.001	0.00042	0.0033	0.0026	0.00052
	12/18/2013	0.00873	NT	< 0.00019	0.000192 J	0.00135	0.00118	0.000208 J
	12/17/2014	0.00981	NT	<0.00019	<0.00009	0.00187	0.00213	<0.00013
	12/17/2014	0.00981	NT	<0.00019	<0.00009	0.00187	0.00213	< 0.00013
	12/16/2015	0.00328	NT	< 0.000192	< 0.000192	0.000188	0.000329	< 0.000333
	12/14/2016	0.00254	NT	< 0.000192	< 0.000192	0.000482 J	0.000568 J	<0.000333
	11/15/2017 11/15/2018	0.000361 J 0.000921 J	<0.000153 0.000287 J	<0.000192 <0.000192	<0.000192	<0.000157 <0.000157	0.000296 J 0.000266 J	<0.000333
	10/16/2019	0.000921 J	0.000287 J 0.000543 J	<0.000192	<0.000192 <0.000192	<0.000157	0.000266 J 0.000216 J	<0.000333 <0.000333
	11/18/2020	0.00194	< 0.000543 J	< 0.000192	< 0.000192	< 0.000137	< 0.00050	<0.000333
DUP-01 (Duplicate)	11/18/2020	0.00071 J	<0.00050	< 0.00050	< 0.00050	< 0.00050	<0.00050	<0.00058
(_ upilouto)	11/9/2021	0.00056 J	< 0.00050	< 0.00050	< 0.00050	< 0.00020	< 0.00012	< 0.00015
DUP-01 (Duplicate)	11/9/2021	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00020	< 0.00012	< 0.00015
MW-15	5/28/2002	0.0053	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
	6/3/2003	0.006	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	5/17/2004	0.0063	< 0.002	<0.002	<0.002	<0.002	<0.002	<0.002
	5/31/2005	<0.002	<0.002	<0.002	<0.002	< 0.002	<0.002	< 0.002
	6/8/2006	0.0043	<0.002	<0.002	< 0.002	<0.002	<0.002	<0.002

 Table 2

 Summary of Groundwater Volatile Organic Compound Analytical Results

 Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

Monitoring Well	Sample Date	1,1-DCA	1,2-DCB	1,1-DCE	trans-1,2- DCE	cis-1,2-DCE	TCE	PCE
MWQCC Standard (m	ng/L):	0.025	NE	0.005	NE	0.07	0.1	0.02
MW-15	6/20/2007	0.0048	<0.002	<0.002	< 0.002	<0.002	<0.002	<0.002
	5/22/2008	0.0036	<0.002	<0.002	< 0.002	0.00064	<0.002	<0.002
	5/28/2009	0.0033	<0.002	<0.002	< 0.002	< 0.002	<0.002	<0.002
	5/25/2010	0.0027	<0.002	<0.002	< 0.002	< 0.002	<0.002	<0.002
	10/19/2011	0.003	<0.001	<0.001	< 0.001	0.00044	<0.001	<0.001
	12/18/2013	0.00321	NT	<0.00019	<0.00009	0.000465 J	0.000324 J	< 0.00013
	12/17/2014	0.00284	NT	<0.00095	< 0.00045	0.000526	< 0.0009	0.000798
	2/10/2015	0.00187	NT	0.000962	0.000961	0.000785	0.000688	0.00257
	12/16/2015	< 0.00336	NT	<0.00384	< 0.00384	< 0.00314	< 0.00276	<0.00666
	12/14/2016	0.00191	NT	<0.000192	< 0.000192	0.000176 J	0.000168 J	< 0.000333
	11/15/2017	0.00158	< 0.000153	<0.000192	< 0.000192	<0.000157	< 0.000138	< 0.000333
	11/15/2018	< 0.000840	0.000765	<0.000960	< 0.000960	< 0.000785	< 0.000690	<0.00167
	10/16/2019	0.00204 J	< 0.000765	< 0.00096	< 0.00096	< 0.000785	< 0.000690	<0.00167
	11/18/2020	0.0015	< 0.00050	<0.00050	<0.00050	<0.00050	<0.00050	<0.00058
	11/9/2021	0.0012	< 0.00050	<0.00050	< 0.00050	<0.00020	<0.00015	< 0.00012
MW-71	2/10/2015	0.000612	NT	0.000192	0.000192	0.000157	0.00025	0.000593
	12/16/2015	< 0.000168	NT	<0.000192	< 0.000192	< 0.000157	0.000383 J	0.002
	12/14/2016	0.000372 J	NT	<0.000192	< 0.000192	< 0.000157	0.000335 J	0.00165
	11/15/2017	0.000296 J	< 0.000153	<0.000192	< 0.000192	<0.000157	0.000419 J	0.00164
	11/15/2018	0.000620 J	< 0.000153	<0.000192	< 0.000192	<0.000157	0.000366 J	0.00174
	10/16/2019	0.000429 J	0.000191 J	<0.000192	< 0.000192	<0.000157	< 0.000138	0.00173
	11/18/2020	0.0007 J	< 0.00050	<0.00050	<0.00050	<0.00050	<0.00050	0.0011
	11/9/2021	0.00051 J	< 0.00050	<0.00050	< 0.00050	<0.00020	0.00037 J	0.0012

Table 2 Summary of Groundwater Volatile Organic Compound Analytical Results Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

Bold text indicates a detected concentration

Shaded cells and bold text indicate concentrations exceeded the NMWQCC standard < = The analyte was not detected above the method detection limit 1,1-DCA = 1,1-dichloroethane

1,1-DCR = 1,1-dichloroethane 1,1-DCE = 1,1-dichloroethane 1,2-DCB = 1,2-dichloroethane cis-1,2-DCE = cis-1,2-dichloroethane J = The analyte was detected at concentration above the metod detection limit but below the reporting limit.

mg/L = milligrams per liter

NMWQCC = New Mexico Water Quality Control Commission

NT = sample was not tested for listed analyte

PCE = tetrachloroethene

trans-1,2-DCE = trans-1,2-dichloroethene

TCE = trichloroethene

Monitoring Well	Sample Date	Nitrate/Nitrite (mg/L)
NMWQCC Standard (mg/L)):	10
MW-8	9/23/1988	<0.1
	6/18/1991	<0.06
	2/19/1993	1.95
	6/7/1993	<1.0
	9/27/1993	<1.0
	1/27/1994	<1.0
	11/10/2000	<0.1
	3/23/2001	0.21
	8/28/2001	0.33
	5/28/2002	0.26
	6/3/2003	0.13
	5/17/2004	0.43
	5/31/2005	0.3
	6/8/2006	0.3
	6/20/2007	0.5
	5/22/2008	0.16
	5/28/2009	<2.0
	5/25/2010	0.19
_	10/19/2011	Dry
_	12/18/2013	0.122 (Dry)
_	12/17/2015	<0.017 (Dry)
_	11/15/2018	21.5
_	10/16/2019	36.3 J
_	<u>11/18/2020</u> 11/9/2021	0.074 J-
MW-12	1/15/1990	<0.063 9.6
_	6/19/1991 2/25/1993	7.8
_	6/7/1993	8.45
	9/28/1993	9.1
	1/27/1994	7.32
	8/8/2000	<10
-	11/9/2000	5.7
-	3/22/2001	8.4
-	8/28/2001	8
	5/28/2002	2
=	6/3/2003	6.7
	5/17/2004	7.6
	5/31/2005	8.6
F	6/8/2006	6.5
F	6/20/2007	7.6
	5/22/2008	6.7
	5/28/2009	4.3
	5/25/2010	7.2
F	10/19/2011	6.2
F	12/18/2013	13.2
F	12/16/2014	9.61
F	2/10/2015	6.04
F	12/16/2015	10.9
F	12/14/2016	5.17
F	11/15/2017	4.72
F	11/15/2018	4.7
F	10/16/2019	13.1 J
F	11/18/2020	4.2 J-
	11/9/2021	4.4

Monitoring Well	Sample Date	Nitrate/Nitrite (mg/L)		
/WQCC Standard (mg/L):	10		
MW-13	1/15/1990	16.4		
	6/19/1991	6.3		
	2/24/1993	10.9		
	6/8/1993	8.09		
	9/28/1993	4.1		
	1/27/1994	5.37		
	8/8/2000	<12.5		
	11/9/2000	9.8		
	3/22/2001	13		
_	8/28/2001	7.9		
	5/28/2002	6		
	6/3/2003	5.8		
_	5/17/2004	9.8		
_	5/31/2005	8.2		
_	6/8/2006	8.2		
_	6/20/2007	6.1		
F	5/22/2008	3.9		
	5/28/2009	4.8		
F	5/25/2010 10/19/2011	4.6		
_	12/18/2013	15.4		
_	12/16/2013	23		
_	2/10/2015	7.88		
_	12/16/2015	32		
-	12/14/2016	5.34		
=	11/15/2017	6.45		
-	11/15/2018	6.73		
-	10/16/2019	28.3 J		
-	11/18/2020	7.9 J-		
-	11/9/2021	7.5		
MW-14	1/15/1990	210		
	2/25/1993	19.2		
-	6/8/1993	17.5		
=	9/28/1993	11.8		
=	1/27/1994	15.4		
=	8/8/2000	19		
	11/13/2000	0.24		
	3/22/2001	13		
	8/28/2001	20		
	5/28/2002	15		
	6/3/2003	15		
	5/17/2004	16		
	5/31/2005	24		
	6/8/2006	14		
	6/20/2007	15		
	5/22/2008	13.3		
	5/28/2009	7.8		
	5/25/2010	15.5		
F	10/19/2011	13.9		
Ļ	12/18/2013	29.7		
F	12/17/2014	6.12		
F	2/10/2015	16.1		
F	12/16/2015	61.6		
F	12/14/2016	15.8		
F	11/15/2017	7.56		
F	12/15/2018	9.97 J		
F	10/16/2019	20 J		
	11/18/2020	8.8 J-		
DUP-01 (Duplicate)	11/18/2020	8.2 J-		
	11/9/2021	7.6 H J-		

Monitoring Well	Sample Date	Nitrate/Nitrite (mg/L
WWQCC Standard (mg/L		10
MW-15	1/15/1990	89
	6/19/1991	50
	2/24/1993	5
	6/8/1993	48.1
	9/28/1993	43
	1/27/1994	43.7
	8/8/2000	35
_	11/9/2000	38
	3/22/2001	25
	8/28/2001	30
_	5/28/2002	24
_	6/3/2003	21
_	5/17/2004	20
_	5/31/2005	35
_	6/8/2006	17
_	6/20/2007	18
_	5/22/2008	21.6 12
_	5/28/2009	
_	5/25/2010 10/19/2011	22.9 24.8
_	12/18/2013	54.8
_	12/17/2014	22.2
=	2/10/2015	15.4
=	12/16/2015	45.6
-	12/14/2016	18.1
-	11/15/2017	20.2
-	11/15/2018	22.2
-	10/16/2019	67.9 J
_	11/18/2020	25 J+
	11/9/2021	17 H J-
MW-28	10/7/1993	2.1
	2/2/1994	2.83
	8/20/1994	2.72
	12/20/1994	0.33
	2/16/1995	1.56
	8/10/2000	25
	11/10/2000	53
	3/23/2001	34
	8/28/2001	63
	5/28/2002	83
_	6/3/2003	87
_	5/17/2004	82
_	5/31/2005	85
	6/8/2006	68
F	6/20/2007	42
F	5/22/2008	38.5
F	5/28/2009	22.7
F	5/25/2010	51.4
F	10/19/2011	29.8
F	12/18/2013	47.2
F	12/16/2014	89.8
F	2/10/2015	2.74
F	12/16/2015	39.9
F	12/14/2016	52.4 35.1
F	11/15/2017	35.1
F	11/15/2018	
	10/15/2019	30 J 130 J+
	11/18/2020 11/18/2020	
DUP-02 (Duplicate)	11/9/2021	130 J- 45 H J-

Monitoring Well	Sample Date	Nitrate/Nitrite (mg/L)
MWQCC Standard (mg/L)):	10
MW-29	10/7/1993	8.3
	2/2/1994	19.6
	8/20/1994	28.84
	12/20/1994	41
	2/16/1995	28.1
	8/10/2000	50
	11/10/2000	66
	3/26/2001	70
	8/28/2001	58
	5/28/2002	70
	6/3/2003	79
	5/17/2004	88
	5/31/2005	97
	6/8/2006	71
	6/20/2007	79
F	5/22/2008	72.5
F	5/28/2009	46.2
F	5/25/2010	79.9
F	10/19/2011	77.7
F	12/18/2013 12/16/2014	180
_		148
_	2/10/2015 12/16/2015	78 162
_	12/14/2016	74
_	11/15/2017	91.7
-	11/15/2018	114
	10/16/2019	130 J
	11/18/2020	100 J-
-	11/9/2021	93 H J-
MW-30	10/7/1993	28.1
11111-50	2/2/1994	57.1
	8/20/1994	67.63
	2/16/1995	91.3
	8/10/2000	84
F	11/10/2000	70
F	3/26/2001	72
	8/28/2001	76
F	5/28/2002	66
	6/3/2003	58
	5/17/2004	52
	5/31/2005	58
	6/20/2007	57
	5/22/2008	43.2
	5/28/2009	16.9
	5/25/2010	34.8
	10/19/2011	51.3
	12/18/2013	101
	12/16/2014	55.6
	2/10/2015	36.8
	12/16/2015	5.92
	12/14/2016	2.17
F	11/15/2017	3.97
	11/15/2018	15.4 23.4 J
		22 /
	10/15/2019 11/18/2020	23.4 J 15 J-

 Table 3

 Summary of Groundwater Nitrate/Nitrite Analytical Results

 Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

Monitoring Well	Sample Date	Nitrate/Nitrite (mg/L
NMWQCC Standard (mg/L	.):	10
MW-71	2/10/2015	17.1
	12/16/2015	47.4
_	12/14/2016	15.8
-	11/15/2017	19.4
-	11/15/2018	17.8
-	10/16/2019 11/18/2020	29.6 J 17 J-
-	11/9/2021	14 H J-
MW-72	2/11/2015	9.15
	12/16/2015	28.7
	12/14/2016	10
	11/15/2017	6.08
-	11/15/2018	9.99
-	10/15/2019	24.9 J
-	11/18/2020	9.6 J-
-	11/9/2021	9.6
MW-73	2/11/2015	17.3
	12/16/2015	15.8
	12/14/2016	30.6
	11/15/2017	30.6
	11/15/2018	68.9
	10/15/2019	56.4 J
	11/18/2020	22 J-
-	11/9/2021	23 H J-
MW-74	2/11/2015	2.5
IVI VV-74	12/17/2015	0.902
-	12/14/2016	1.78
	11/15/2017	1.34
	11/15/2018	0.952
-	10/16/2019	9.66 J
	11/18/2020	
-		8.0 J-
NAVA 75	<u>11/9/2021</u> 2/10/2015	3.5
MW-75	12/17/2015	54.8 191
-	12/14/2016	64.4
	11/15/2017	42.7
-	11/15/2018	71
	10/16/2019	131 J
ŀ		
=	11/18/2020	68 J+
RALA/ 70	11/9/2021	65 H J-
MW-76	2/11/2015 12/16/2015	0.457
-	12/14/2016	0.468
	11/15/2017	0.81
	11/15/2018	0.366
F		
-	10/15/2019	0.419 J
F	11/18/2020	0.23 J-
	11/9/2021	0.15
MW-77	2/11/2015	54.8
F	12/17/2015	34.3
F	12/14/2016	4.15
=	11/15/2017	27.3
F	11/15/2018	24.9
F	10/16/2019	54.1 J
	11/18/2020	62 J-
	11/9/2021	55 H J-

Table 3
Summary of Groundwater Nitrate/Nitrite Analytical Results
Blanco Gas Plant South Flare Pit - Bloomfield, New Mexico

Monitoring Well	Sample Date	Nitrate/Nitrite (mg/L)			
NMWQCC Standard (mg/	_):	10			
MW-78	2/11/2015	15.5			
	12/17/2015	13.5			
	12/14/2016	35.3			
	11/15/2017	24.2			
	11/15/2018	23.3			
	10/15/2019	13.9 J			
	11/18/2020	43 J-			
	11/9/2021	34 H J-			
MW-79	2/10/2015	10			
	12/17/2015	18.4			
	12/14/2016	1.95			
	11/15/2017	1.06			
	11/15/2018	2.55			
	10/15/2019	14.9 J			
	11/18/2020	0.66 J-			
	11/9/2021	0.85			
MW-80	2/10/2015	24.4			
	12/17/2015	89.4			
	12/14/2016	92			
	11/15/2017	69.6			
	11/15/2018	<1.7			
	10/15/2019	92.7 J			
	11/18/2020	110 J-			
	11/9/2021	96 H J-			
MW-81	2/11/2015	15.7			
	12/17/2015	52.3			
	12/14/2016	34.6			
	11/15/2017	8.8			
	11/15/2018	41.3			
	10/16/2019	48.7 J			
	11/18/2020	40 J-			
	11/9/2021	43 H J-			

Notes:

Analytical data from monitoring wells abandoned prior to 2018 have been removed from the table.

< = The analyte was not detected above the method detection limit

E = Result exceeded calibration range

H = Sample was prepped or analyzed beyond the specified holding time

J = The analytical result is estimated. J- = the analytical result was positively identified; the quantitation is an

estimation with a potential low bias. J+ = the analytical result was positively identified; the quantitation is an

estimation with a potential high bias. NE = not established

Bolded text indicates a detected concentration

Shaded cells and bolded text indicate concentrations

exceeded the NMWQCC standard

FIGURES

- FIGURE 1: SITE LOCATION MAP
- FIGURE 2: SITE PLAN
- FIGURE 3: GROUNDWATER ELEVATION MAP NOVEMBER 9, 2021
- FIGURE 4: GROUNDWATER ANALYTICAL RESULTS



Released to Imaging: 4/26/2023 9:40:06 AM

U:\193710238\07_historical\SJRB GENERAL\GIS-NEW_MXDs\BLANCO SOUTH FLARE PIT2020\Figure_2_BSFP_Site_Map.m



MW-53 613.9 MW-48 Former North MW-48 5597.80 MW-52 Flare Pit MW-32 MW-32 MW-54 MW-51 591.49 Leo Manning MW-54 588.6 592.48 MW-51 Former Evaporation #100S (Hilcorp)) MW-47 MW-46 Pope MW-47 MW-46 5601.89 5590.60 Kutz Hydrocarbon **Recovery Facility** MW-55 MW-23 584.84 574.97 **H**55 MW-23 MW-45 MW-50 MW-45 5558.65 MW-50 DRY MW-44 MW-49 MW-49 MW-56 MW-44 DRY MW-56 558.6 DRY MW-43 5555.93 MW-43 MW-42 5553.81 **MW-33** Substation MW-41 Scrubber MW-41 558.6 MW-40 MW-12 MW-40 MW-12 MW-13 "C" Compressor 585.9 Area 111 MW-13 MW-14 Former "B" MW-14 MW-15 Compressor Area (compressor bldg. "D" Plant 5580.81 [™]A[™] Area Compressor MW-15 removed) Area MW-71 MW-71 5571.9⁻ 000 FF-9101A Coal Seam Fin-Fan **Boiler** and "D" Plant Cenerator Building **Cas** Fin-Fan Grude Off Tank MW-79 5550.06 **MW-80** MW-80 🗲 MW-79 Abandoned 5555.70 Ponds MW-73 5549.79 Former MW-73 South MW-78 5550.35 Flare Pit MW-30 MW-29 MW-75 5550.44 MW-77 MW-78 MW-28 549 5 MW-30 MW-75 MW-77 MW-29 5498 552.12 MW-28 550.0 MW-81 MW-8 SPCC Holding MW-81 MW-8 MW-72 Pond 549.47 MW-72



MW-12 **MW-12** 4.2 ⁿC^m Compressor Area MW-14 Dup-1 8.8 8.0 **MW-13** 7.9 MW-14 MW-13 Former "B" "A" Compressor Bldg. MW+15 Compressor Area (compressor bldg, removed) "D". Plant_ MW-15 25 Area "A" Compressor . Area MW-71 14411 MW-71 17 1111 **FF-9101A Coal Seam Fin-Fan** "D" Plant Gas Fin-Fan Boiler and Generator Building Crude Ofl Tank MW-80 110 0 MW-79 0.66 Abandoned Ponds 1.54. Q.P MW-73 22 Former South Flare Pft MW-73 MW-78 MW-30 43 MW-75 68 MW-77 MW-30 15 MW-29 100 MW-777 MW-28 62 MW-78 MW-75 -MW-29 **MW-8** 0.074 MW-8 MW-28 Dup-2 130 130 MW-81 MW-81 40 SPCC Holding Pond MW-72 **MW-72** 9.6 **MW-74** 8.0 **MW-76** 0.23 *****MW-74 MW-76 Citizens Ditch 101



EGEND

MONITORING WELL	EXPLANATION OF ANALYTES AND APPLICABLE STANDARDS:	
SITE FEATURE	RESULTS IN BOLDFACE/RED TYPE INDICATE CONCENTRATION IN EXCESS OF THE STANDARD FOR THAT	SCALE IN FEET
FENCE	ANALYTE. mg/L = MILLIGRAMS PER LITER	
GATE	<1 = BELOW METHOD DETECTION LIMIT Dup = DUPLICATE SAMPLE RESULT	REVISION DATE DESIGN BY DRAWN BY REVIEWED BY
PUBLIC WATER SUPPLY DIVERSION DITCH FLARE PIT	ANALYTE NMWQCC STANDARD Nitrate 10 mg/L	TITLE: GROUNDWATER ANALYTICAL RESULTS - NITRATE NOVEMBER 18, 2020
		PROJECT: <i>BLANCO PLANT - SOUTH FLARE PIT</i> AND D PLANT AREA BLOOMFIELD, NEW MEXICO
		Stantec Figure No.: 4

APPENDICES

- APPENDIX A NMOCD NOTIFICATION OF SITE ACTIVITIES
- APPENDIX B WASTEWATER DISPOSAL DOCUMENTATION
- APPENDIX C GROUNDWATER ANALYTICAL LAB REPORTS

APPENDIX A



From:	Varsa, Steve
To:	Smith, Cory, EMNRD
Cc:	Griswold, Jim, EMNRD; Wiley, Joe
Subject:	El Paso Natural Gas Company/Blanco Plant South Flare Pit & D Plant Area (Incident Number NAPP2110640022) -
	Notice of upcoming sampling activities
Date:	Wednesday, November 03, 2021 10:41:18 AM

Hi Cory –

On behalf of El Paso Natural Gas Company (EPNG), this correspondence is to provide notice to the NMOCD of upcoming annual groundwater sampling activities at the above-referenced project site. Site activities are to occur on November 9, 2021.

Please contact Mr. Joseph Wiley, Project Manager with EPNG, at (713) 420-3475, or me, if you have questions.

Thank you, Steve

Stephen Varsa, P.G.

Senior Hydrogeologist Stantec Environmental Services 11153 Aurora Avenue Des Moines, Iowa 50322 Direct: (515) 251-1020 Cell: (515) 710-7523 Office: (515) 253-0830 <u>steve.varsa@stantec.com</u>

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

APPENDIX B



Received by OCD: 3/30/2022 6:43:52 PM

				1, NM 87413 14-3013	NMOCD Oil Field INVOIO DEL. 1 BILL T DRIVE CODE	C: C: C: C: C: C: C: C: C: C:	001-0005 ent, Form C1 Sent Form C1 Vame) On Fluids	as O	
		LOCATION		VOLUME	COST	H2S	COST	TOTAL	TIME
<u>NO.</u> 1	TRUCK	Blanco Gus F		at 1	.70			7.00	· · · · ·
2								"21 MOV	9 452100
3									
4									
5	1	11							do hereby
I, certify that above desc	cribed waste	o the Resource Conservation and Re is: RCRA Exempt: Oil field wastes ge	, representative or au ecovery Act (RCRA) and i enerated from oil and ga	the US Environme as exploration and	r ental Protecti d production	on Agency's . operations a	July 1988 rend are not r	egulatory determ nixed with non -e	ination, the

Martin Charles

and a second the second second second and the second second second second second second second second second s
APPENDIX C



Received by OCD: 3/30/2022 6:43:52 PM

🔅 eurofins

Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pensacola 3355 McLemore Drive Pensacola, FL 32514 Tel: (850)474-1001

Laboratory Job ID: 400-210926-1

Client Project/Site: CMI Kinder Morgan Blanco South

For:

Stantec Consulting Services Inc 11311 Aurora Avenue Des Moines, Iowa 50322-7904

Attn: Steve Varsa

ntmire

Authorized for release by: 11/30/2021 6:16:38 PM

Cheyenne Whitmire, Project Manager II (850)471-6222 Cheyenne.Whitmire@Eurofinset.com

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

LINKS Review your project results through TOTOLACCESS Have a Question? Ask The Expert

www.eurofinsus.com/Env

Released to Imaging: 4/26/2023 9:40:06 AM

Page 39 of 92

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Detection Summary	4
Sample Summary	8
Client Sample Results	9
Definitions	31
Surrogate Summary	32
QC Association	33
QC Sample Results	35
Chronicle	41
Method Summary	49
Certification Summary	50
Chain of Custody	51
Receipt Checklists	54

Case Narrative

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Job ID: 400-210926-1

Laboratory: Eurofins TestAmerica, Pensacola

Narrative

Job Narrative 400-210926-1

Comments

No additional comments.

Receipt

The samples were received on 11/10/2021 9:13 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.0° C and 0.5° C.

GC/MS VOA

Method 8260B: Sample DUP-01 (400-210926-2) appears to be a duplicate of sample MW-14 (400-210926-23). There was a detection for 1,1-Dichloroethane in both samples, but was just below the method detection limit (MDL) in sample DUP-01 (400-210926-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

HPLC/IC

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-555317 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300.0: The continuing calibration blank (CCB) for analytical batch 400-555317 contained Nitrate as N above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 300.0: The MRL recovered outside of criteria for Nitrate as N; however, all other batch QC recovered within criteria. Therefore, the data is reported. (MRL 400-555317/121)

Method 300.0: Due to the high concentration of Nitrate as N and Nitrate Nitrite as N, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 400-555556 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-71 (400-210926-5), MW-15 (400-210926-6), MW-80 (400-210926-10), MW-75 (400-210926-11), MW-29 (400-210926-12), MW-28 (400-210926-13) and MW-78 (400-210926-15). Elevated reporting limits (RLs) are provided.

Method 300.0: The following samples were received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: DUP-01 (400-210926-2), MW-13 (400-210926-7[MS]), MW-13 (400-210926-7[MS]), MW-78 (400-210926-15[MS]), MW-78 (400-210926-15[MS]) and MW-14 (400-210926-23).

Method 300.0: Reanalysis of the following sample(s) was performed outside of the analytical holding time in order to bring the target analyte within calibration range. Initial, in hold data is reported as primary : DUP-02 (400-210926-3), MW-71 (400-210926-5), MW-15 (400-210926-6), MW-80 (400-210926-10), MW-75 (400-210926-11), MW-29 (400-210926-12), MW-28 (400-210926-13), MW-78 (400-210926-15), MW-73 (400-210926-16), MW-77 (400-210926-17) and MW-81 (400-210926-19).

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-556929 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job ID: 400-210926-1

Detection Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: TB-01

..... 10

No Detections. 10

....

Client Sample ID: DUP-0	1					Lab	Sample II	D: 400-210926-2
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Nitrate as N	8.2	Н	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate Nitrite as N	8.4	Н	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrite as N	0.22	Н	0.10	0.083	mg/L	1	300.0	Total/NA

Client Sample ID: DUP-02

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Nitrate as N	37	E	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate as N	40	н	1.0	0.63	mg/L	10	300.0	Total/NA
Nitrate Nitrite as N	37	E	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate Nitrite as N	40	Н	1.0	0.63	mg/L	10	300.0	Total/NA

Client Sample ID: MW-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	DN	Viethod	Prep Type
1,1-Dichloroethane	0.00051	J	0.0010	0.00050	mg/L	1	- 8	3260B	Total/NA
Tetrachloroethene	0.0012		0.0010	0.00012	mg/L	1	8	3260B	Total/NA
Trichloroethene	0.00037	J	0.0010	0.00015	mg/L	1	8	3260B	Total/NA
Nitrate as N	14	E	0.10	0.063	mg/L	1	3	300.0	Total/NA
Nitrate as N	14	н	0.50	0.32	mg/L	5	3	300.0	Total/NA
Nitrate Nitrite as N	14	E	0.10	0.063	mg/L	1	3	300.0	Total/NA
Nitrate Nitrite as N	14	Н	0.50	0.32	mg/L	5	3	300.0	Total/NA
Nitrite as N	0.10		0.10	0.083	mg/L	1	3	300.0	Total/NA

Client Sample ID: MW-15

Analyte Result Qualifier RL MDL Unit Dil Fac D Method Prep Type 1,1-Dichloroethane 0.0012 0.0010 8260B 0.00050 mg/L Total/NA 1 Nitrate as N 17 E 0.10 0.063 mg/L 1 300.0 Total/NA Nitrate as N 17 H 0.50 0.32 mg/L 5 300.0 Total/NA Nitrate Nitrite as N 300.0 Total/NA 17 E 0.10 0.063 mg/L 1 Nitrate Nitrite as N 17 H 0.50 0.32 mg/L 5 300.0 Total/NA

Client Sample ID: MW-13

Lab Sample ID: 400-210926-7

Lab Sample ID: 400-210926-6

Analyte	Result (Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0079		0.0010	0.00050	mg/L	1	_	8260B	Total/NA
1,2-Dichlorobenzene	0.0051		0.0010	0.00050	mg/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.0019		0.0010	0.00020	mg/L	1		8260B	Total/NA
Tetrachloroethene	0.00044	J	0.0010	0.00012	mg/L	1		8260B	Total/NA
Trichloroethene	0.0028		0.0010	0.00015	mg/L	1		8260B	Total/NA
Nitrate as N	7.3		0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	7.5		0.10	0.063	mg/L	1		300.0	Total/NA
Nitrite as N	0.17		0.10	0.083	mg/L	1		300.0	Total/NA

Client Sample ID: MW-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00067	J	0.0010	0.00012	mg/L	1	_	8260B	Total/NA
Trichloroethene	0.00061	J	0.0010	0.00015	mg/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pensacola

Lab Sample ID: 400-210926-8

Job ID: 400-210926-1

Lab Sample ID: 400-210926-1

Lab Sample ID: 400-210926-3

Lab Sample ID: 400-210926-5

. - 4

Analyte

Analyte

Analyte

Nitrate as N

Nitrate as N

Nitrite as N

Analyte

Nitrate as N

Nitrate as N

Nitrite as N

Nitrate as N

Nitrate Nitrite as N

Nitrate as N

Nitrate Nitrite as N

Client Sample ID: MW-79

Client Sample ID: MW-80

Client Sample ID: MW-75

Detection Summary

RL

0.10

0.10

RL

0.10

0.10

RL

0.10

1.0

0.10

1.0

0.10

RL

0.10

1.0

0.10

1.0

0.10

MDL Unit

0.063 mg/L

0.063 mg/L

MDL Unit

0.063

MDL Unit

0.063

0.063 mg/L

mg/L

mg/L

0.63 mg/L

0.063 mg/L

0.63 mg/L

0.083 mg/L

MDL Unit

0.063 mg/L

0.63 mg/L

0.083 mg/L

mg/L

0.063 mg/L

0.63

Result Qualifier

Qualifier

Qualifier

4.4

4.4

Result

0.85

0.85

Result

74 Е

96 н

74 Е

0.20

96 H

Result Qualifier

54 Е

54 Е

65 н

0.31

65 H

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-12 (Continued)

Job ID: 400-210926-1

Prep Type

Total/NA

Total/NA

Prep Type

Total/NA

Total/NA

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Prep Type

Total/NA

Total/NA

Total/NA

Total/NA

Total/NA

Lab Sample ID: 400-210926-8

Lab Sample ID: 400-210926-9

Lab Sample ID: 400-210926-10

Lab Sample ID: 400-210926-11

Lab Sample ID: 400-210926-12

Lab Sample ID: 400-210926-13

Lab Sample ID: 400-210926-14

Dil Fac D Method

1

1

Dil Fac D

1

1

Dil Fac D

1

10

1

10

1

Dil Fac D

1

10

1

10

1

300.0

300.0

Method

300.0

300.0

Method

300.0

300.0

300.0

300.0

300.0

Method

300.0

300.0

300.0

300.0

300.0

4

3

Client Sample ID: MW-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	lethod	Prep Type
Nitrate as N	72	E	0.10	0.063	mg/L	1	- 3	00.0	Total/NA
Nitrate as N	93	Н	1.0	0.63	mg/L	10	3	0.00	Total/NA
Nitrate Nitrite as N	73	E	0.10	0.063	mg/L	1	3	0.00	Total/NA
Nitrate Nitrite as N	93	Н	1.0	0.63	mg/L	10	3	00.0	Total/NA
Nitrite as N	0.51		0.10	0.083	mg/L	1	3	0.00	Total/NA

Client Sample ID: MW-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	39	E	0.10	0.063	mg/L	1	_	300.0	Total/NA
Nitrate as N	45	Н	1.0	0.63	mg/L	10		300.0	Total/NA
Nitrate Nitrite as N	39	E	0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	45	Н	1.0	0.63	mg/L	10		300.0	Total/NA

Client Sample ID: MW-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	7.8		0.10	0.063	mg/L	1	_	300.0	Total/NA
Nitrate Nitrite as N	8.0		0.10	0.063	mg/L	1		300.0	Total/NA
Nitrite as N	0.19		0.10	0.083	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-78

Client Sample ID: MW-78						Lab S	Sample ID:	400-210926-15
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Nitrate as N	36	E	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate as N	34	H F1	1.0	0.63	mg/L	10	300.0	Total/NA
Nitrate Nitrite as N	36	E	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate Nitrite as N	34	Н	1.0	0.63	mg/L	10	300.0	Total/NA

Client Sample ID: MW-73

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Nitrate as N	23	E	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate as N	23	н	1.0	0.63	mg/L	10	300.0	Total/NA
Nitrate Nitrite as N	23	E	0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate Nitrite as N	23	Н	1.0	0.63	mg/L	10	300.0	Total/NA

Client Sample ID: MW-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	48	E	0.10	0.063	mg/L	1	_	300.0	Total/NA
Nitrate as N	55	н	1.0	0.63	mg/L	10		300.0	Total/NA
Nitrate Nitrite as N	48	E	0.10	0.063	mg/L	1		300.0	Total/NA
Nitrate Nitrite as N	55	Н	1.0	0.63	mg/L	10		300.0	Total/NA

Client Sample ID: MW-74

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	Method	Prep Type
Nitrate as N	3.5		0.10	0.063	mg/L	1	300.0	Total/NA
Nitrate Nitrite as N	3.5		0.10	0.063	mg/L	1	300.0	Total/NA

Client Sample ID: MW-81

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Me	thod	Prep Type
Nitrate as N	40	E	0.10	0.063	mg/L	1	30	0.0	Total/NA
Nitrate as N	43	н	1.0	0.63	mg/L	10	30	0.0	Total/NA
Nitrate Nitrite as N	40	E	0.10	0.063	mg/L	1	30	0.0	Total/NA
Nitrate Nitrite as N	43	Н	1.0	0.63	mg/L	10	30	0.0	Total/NA
Nitrite as N	0.12		0.10	0.083	mg/L	1	30	0.0	Total/NA

Client Sample ID: MW-8

No Detections.

Client Sample ID: MW-72

Analyte	Result C	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	9.6		0.10	0.063	mg/L	1	_	300.0	Total/NA
Nitrate Nitrite as N	9.6		0.10	0.063	mg/L	1		300.0	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type	
Nitrate as N	0.15		0.10	0.063	mg/L	1	_	300.0	Total/NA	_
Nitrate Nitrite as N	0.15		0.10	0.063	mg/L	1		300.0	Total/NA	

This Detection Summary does not include radiochemical test results.

4

13

Page 43 of 92

Lab Sample ID: 400-210926-16

Lab Sample ID: 400-210926-17

Lab Sample ID: 400-210926-18

Lab Sample ID: 400-210926-19

Lab Sample ID: 400-210926-20

Lab Sample ID: 400-210926-21

Detection Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-14

A	nalyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type	Ē
1,	,1-Dichloroethane	0.00056	J	0.0010	0.00050	mg/L	1	_	8260B	Total/NA	
N	litrate as N	7.6	Н	0.10	0.063	mg/L	1		300.0	Total/NA	E
N	itrate Nitrite as N	7.8	Н	0.10	0.063	mg/L	1		300.0	Total/NA	
N	itrite as N	0.20	Н	0.10	0.083	mg/L	1		300.0	Total/NA	÷.

Job ID: 400-210926-1

Lab Sample ID: 400-210926-23

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Job ID: 400-21092	6-1

i	P	a	Į	3	е	4	4	5		0	ŋ	f	9)2	?			
				_	_			_										
)-	-2	2	1	0	9)2	26	<u>-</u> 6	-	1								
													ĺ		Į	5		
													I		e	3		
													ĺ		8	3		
													ĺ		ç			
													ĺ					
													İ				3	
													İ					

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-210926-1	TB-01	Water	11/09/21 07:00	11/10/21 09:13
400-210926-2	DUP-01	Water	11/09/21 12:58	11/10/21 09:13
400-210926-3	DUP-02	Water	11/09/21 10:51	11/10/21 09:13
400-210926-5	MW-71	Water	11/09/21 08:05	11/10/21 09:13
400-210926-6	MW-15	Water	11/09/21 08:23	11/10/21 09:13
400-210926-7	MW-13	Water	11/09/21 08:36	11/10/21 09:13
400-210926-8	MW-12	Water	11/09/21 08:56	11/10/21 09:13
400-210926-9	MW-79	Water	11/09/21 09:10	11/10/21 09:13
400-210926-10	MW-80	Water	11/09/21 09:24	11/10/21 09:13
400-210926-11	MW-75	Water	11/09/21 09:33	11/10/21 09:13
400-210926-12	MW-29	Water	11/09/21 09:42	11/10/21 09:13
400-210926-13	MW-28	Water	11/09/21 09:51	11/10/21 09:13
400-210926-14	MW-30	Water	11/09/21 10:00	11/10/21 09:13
400-210926-15	MW-78	Water	11/09/21 10:04	11/10/21 09:13
400-210926-16	MW-73	Water	11/09/21 10:11	11/10/21 09:13
400-210926-17	MW-77	Water	11/09/21 10:24	11/10/21 09:13
400-210926-18	MW-74	Water	11/09/21 10:51	11/10/21 09:13
400-210926-19	MW-81	Water	11/09/21 10:57	11/10/21 09:13
400-210926-20	MW-8	Water	11/09/21 11:04	11/10/21 09:13
400-210926-21	MW-72	Water	11/09/21 11:25	11/10/21 09:13
400-210926-22	MW-76	Water	11/09/21 11:35	11/10/21 09:13
400-210926-23	MW-14	Water	11/09/21 11:48	11/10/21 09:13

.

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: TB-01 Date Collected: 11/09/21 07:00

Date Received: 11/10/21 09:13

Method: 8260B - Volatile Orga	anic Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00050	U	0.0010	0.00050	mg/L			11/17/21 19:42	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 19:42	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 19:42	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 19:42	1
Tetrachloroethene	0.00012	U	0.0010	0.00012	mg/L			11/17/21 19:42	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 19:42	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/L			11/17/21 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	97		72 _ 119			-		11/17/21 19:42	1
Dibromofluoromethane	95		75 - 126					11/17/21 19:42	1
Toluene-d8 (Surr)	102		64 - 132					11/17/21 19:42	1

Job ID: 400-210926-1

Lab Sample ID: 400-210926-1

Matrix: Water

5

6

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: DUP-01 Date Collected: 11/09/21 12:58

Date Received: 11/10/21 09:13

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:08	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:08	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:08	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 20:08	1
Tetrachloroethene	0.00012	U	0.0010	0.00012	mg/L			11/17/21 20:08	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:08	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/L			11/17/21 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 - 119			-		11/17/21 20:08	1
Dibromofluoromethane	97		75 - 126					11/17/21 20:08	1
Toluene-d8 (Surr)	101		64 - 132					11/17/21 20:08	1
Method: 300.0 - Anions, Ion	Chromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	8.2	н	0.10	0.063	mg/L			11/11/21 15:42	1

Nitrate as N	8.2 H	0.10	0.063	mg/L	11/11/21 15:42	1
Nitrate Nitrite as N	8.4 H	0.10	0.063	mg/L	11/11/21 15:42	1
Nitrite as N	0.22 H	0.10	0.083	mg/L	11/11/21 15:42	1

Eurofins TestAmerica, Pensacola

Page 47 of 92

6

Job ID: 400-210926-1

Lab Sample ID: 400-210926-2

Matrix: Water

Client Sample ID: DUP-02 Date Collected: 11/09/21 10:51

Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion (Chromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	37	E	0.10	0.063	mg/L			11/11/21 06:35	1
Nitrate as N	40	н	1.0	0.63	mg/L			11/23/21 06:25	10
Nitrate Nitrite as N	37	E	0.10	0.063	mg/L			11/11/21 06:35	1
Nitrate Nitrite as N	40	н	1.0	0.63	mg/L			11/23/21 06:25	10
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 06:35	1
-									

Job ID: 400-210926-1

Page 48 of 92

Lab Sample ID: 400-210926-3 Matrix: Water

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-71 Date Collected: 11/09/21 08:05

Date Received: 11/10/21 09:13

Method: 8260B - Volatile Org	janic Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00051	J	0.0010	0.00050	mg/L			11/17/21 20:35	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:35	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:35	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 20:35	1
Tetrachloroethene	0.0012		0.0010	0.00012	mg/L			11/17/21 20:35	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 20:35	1
Trichloroethene	0.00037	J	0.0010	0.00015	mg/L			11/17/21 20:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		72 - 119					11/17/21 20:35	1
Dibromofluoromethane	97		75 - 126					11/17/21 20:35	1
Toluene-d8 (Surr)	100		64 - 132					11/17/21 20:35	1
 Method: 300.0 - Anions, Ion	Chromatography								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

I	Analyte	Result	Quaimer		NIDL	Unit	 riepaieu	Analyzeu	Dirrac	
	Nitrate as N	14	E	0.10	0.063	mg/L	 	11/11/21 00:23	1	
	Nitrate as N	14	н	0.50	0.32	mg/L		11/13/21 06:42	5	
	Nitrate Nitrite as N	14	E	0.10	0.063	mg/L		11/11/21 00:23	1	
	Nitrate Nitrite as N	14	Н	0.50	0.32	mg/L		11/13/21 06:42	5	
	Nitrite as N	0.10		0.10	0.083	mg/L		11/11/21 00:23	1	
	Nitrite as N	0.42	UH	0.50	0.42	mg/L		11/13/21 06:42	5	
ι	—									

Eurofins TestAmerica, Pensacola

Page 49 of 92

5

6

Job ID: 400-210926-1

Lab Sample ID: 400-210926-5

Matrix: Water

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-15 Date Collected: 11/09/21 08:23

Date Received: 11/10/21 09:13

Method: 8260B - Volatile Organic Comp	ounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0012		0.0010	0.00050	mg/L			11/17/21 21:01	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:01	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:01	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 21:01	1
Tetrachloroethene	0.00012	U	0.0010	0.00012	mg/L			11/17/21 21:01	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:01	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/L			11/17/21 21:01	1
Surrogate %F	Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		72 - 119			-		11/17/21 21:01	1
Dibromofluoromethane	98		75 - 126					11/17/21 21:01	1
Toluene-d8 (Surr)	100		64 - 132					11/17/21 21:01	1
_ Method: 300.0 - Anions, Ion Chromatog	raphy								

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Nitrate as N	17	E	0.10	0.063	mg/L			11/11/21 00:48	1	
Nitrate as N	17	н	0.50	0.32	mg/L			11/13/21 07:07	5	
Nitrate Nitrite as N	17	E	0.10	0.063	mg/L			11/11/21 00:48	1	
Nitrate Nitrite as N	17	н	0.50	0.32	mg/L			11/13/21 07:07	5	
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 00:48	1	
Nitrite as N	0.42	UH	0.50	0.42	mg/L			11/13/21 07:07	5	

Eurofins TestAmerica, Pensacola

Page 50 of 92

Job ID: 400-210926-1

Matrix: Water

Lab Sample ID: 400-210926-6

Released to Imaging: 4/26/2023 9:40:06 AM Page

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-13 Date Collected: 11/09/21 08:36

Date Received: 11/10/21 09:13

Method: 8260B - Volatile Org	anic Compounds ((GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0079		0.0010	0.00050	mg/L			11/17/21 17:56	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 17:56	1
1,2-Dichlorobenzene	0.0051		0.0010	0.00050	mg/L			11/17/21 17:56	1
cis-1,2-Dichloroethene	0.0019		0.0010	0.00020	mg/L			11/17/21 17:56	1
Tetrachloroethene	0.00044	J	0.0010	0.00012	mg/L			11/17/21 17:56	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 17:56	1
Trichloroethene	0.0028		0.0010	0.00015	mg/L			11/17/21 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		72 _ 119			-		11/17/21 17:56	1
Dibromofluoromethane	97		75 - 126					11/17/21 17:56	1
Toluene-d8 (Surr)	101		64 - 132					11/17/21 17:56	1
Method: 300.0 - Anions, Ion	Chromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

11/11/21 01:13 Nitrate as N 7.3 0.10 0.063 mg/L 1 Nitrate Nitrite as N 11/11/21 01:13 0.10 0.063 mg/L 1 7.5 0.083 mg/L 11/11/21 01:13 1 Nitrite as N 0.17 0.10

Job ID: 400-210926-1

Lab Sample ID: 400-210926-7

Matrix: Water

5

6

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-12 Date Collected: 11/09/21 08:56

Date Received: 11/10/21 09:13

Nitrate Nitrite as N

Nitrite as N

Method: 8260B - Volatile Organic	Compounds (GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:28	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:28	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:28	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 21:28	1
Tetrachloroethene	0.00067	J	0.0010	0.00012	mg/L			11/17/21 21:28	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:28	1
Trichloroethene	0.00061	J	0.0010	0.00015	mg/L			11/17/21 21:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		72 - 119			-		11/17/21 21:28	1
Dibromofluoromethane	97		75 - 126					11/17/21 21:28	1
Toluene-d8 (Surr)	102		64 - 132					11/17/21 21:28	1
Method: 300.0 - Anions, Ion Chro	omatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	4.4		0.10	0.063	mg/L			11/11/21 01:37	1

0.10

0.10

4.4 0.083 U 0.063 mg/L

0.083 mg/L

Job ID: 400-210926-1

Lab Sample ID: 400-210926-8

11/11/21 01:37

11/11/21 01:37

1

Matrix: Water

5

6

Page 52 of 92

Page 53 of 92

Job ID: 400-210926-1

Matrix: Water

5 6 7

Lab Sample ID: 400-210926-9

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-79 Date Collected: 11/09/21 09:10

Date Collected: 11/09/21 09:10
Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion	Method: 300.0 - Anions, Ion Chromatography									
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Nitrate as N	0.85	0.10	0.063	mg/L			11/11/21 02:02	1		
Nitrate Nitrite as N	0.85	0.10	0.063	mg/L			11/11/21 02:02	1		
Nitrite as N	0.083 U	0.10	0.083	mg/L			11/11/21 02:02	1		

Lab Sample ID: 400-210926-10
Matrix: Water

Method: 300.0 - Anions, Ion Chromatograph	ıy								
Analyte Re	sult Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	74 E		0.10	0.063	mg/L			11/11/21 02:27	1
Nitrate as N	96 H	I	1.0	0.63	mg/L			11/13/21 07:32	10
Nitrate Nitrite as N	74 E		0.10	0.063	mg/L			11/11/21 02:27	1
Nitrate Nitrite as N	96 H	ł	1.0	0.63	mg/L			11/13/21 07:32	10
Nitrite as N	0.20		0.10	0.083	mg/L			11/11/21 02:27	1
Nitrite as N	0.83 U	JН	1.0	0.83	mg/L			11/13/21 07:32	10

Page 54 of 92

Client Sample ID: MW-75 Date Collected: 11/09/21 09:33 Date Received: 11/10/21 09:13

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	54	E	0.10	0.063	mg/L			11/11/21 02:52	1
Nitrate as N	65	н	1.0	0.63	mg/L			11/13/21 07:56	10
Nitrate Nitrite as N	54	E	0.10	0.063	mg/L			11/11/21 02:52	1
Nitrate Nitrite as N	65	Н	1.0	0.63	mg/L			11/13/21 07:56	10
Nitrite as N	0.31		0.10	0.083	mg/L			11/11/21 02:52	1
Nitrite as N	0.83	UН	1.0	0.83	mg/L			11/13/21 07:56	10

Job ID: 400-210926-1

Lab Sample ID: 400-210926-11

93 H

0.83 UH

0.51

Nitrite as N

Nitrite as N

Nitrate Nitrite as N

Date Received: 11/10/21 09:13									
Method: 300.0 - Anions, Ion Chro	matography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	72	E	0.10	0.063	mg/L			11/11/21 03:17	1
Nitrate as N	93	н	1.0	0.63	mg/L			11/13/21 08:21	10
Nitrate Nitrite as N	73	E	0.10	0.063	mg/L			11/11/21 03:17	1

0.63 mg/L

0.083 mg/L

0.83 mg/L

1.0

0.10

1.0

loh	ın	400	-21	nac	ิค

Lab Sample ID: 400-210926-12

11/13/21 08:21

11/11/21 03:17

11/13/21 08:21

Matrix: Water

Page 56 of 92

10

1

10

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-28 Date Collected: 11/09/21 09:51 Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion C	hromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	39	E	0.10	0.063	mg/L			11/11/21 03:42	1
Nitrate as N	45	н	1.0	0.63	mg/L			11/13/21 08:46	10
Nitrate Nitrite as N	39	E	0.10	0.063	mg/L			11/11/21 03:42	1
Nitrate Nitrite as N	45	н	1.0	0.63	mg/L			11/13/21 08:46	10
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 03:42	1
Nitrite as N	0.83	UH	1.0	0.83	mg/L			11/13/21 08:46	10

Matrix: Water

Job ID: 400-210926-1

Lab Sample ID: 400-210926-13

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-30

Date Collected: 11/09/21 10:00	
Date Received: 11/10/21 09:13	

Method: 300.0 - Anions, Ion Chromatography									
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Nitrate as N	7.8	0.10	0.063	mg/L			11/11/21 04:56	1	
Nitrate Nitrite as N	8.0	0.10	0.063	mg/L			11/11/21 04:56	1	
Nitrite as N	0.19	0.10	0.083	mg/L			11/11/21 04:56	1	

Matrix: Water

Job ID: 400-210926-1

Lab Sample ID: 400-210926-14

Nitrite as N

Nitrite as N

Date Received: 11/10/21 09:13									
Method: 300.0 - Anions, Ion Chr	omatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	36	E	0.10	0.063	mg/L			11/11/21 05:21	1
Nitrate as N	34	H F1	1.0	0.63	mg/L			11/22/21 14:01	10
Nitrate Nitrite as N	36	E	0.10	0.063	mg/L			11/11/21 05:21	1
Nitrate Nitrite as N	34	н	1.0	0.63	mg/L			11/22/21 14:01	10

0.10

1.0

0.083 mg/L

0.83 mg/L

0.083 U

0.83 UH

Job ID: 400-210926-1

Page 59 of 92

11/11/21 05:21

11/22/21 14:01

Lab Sample ID: 400-210926-15 Matrix: Water

1

10

Client Sample ID: MW-73 Date Collected: 11/09/21 10:11 Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion Chroi	natography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	23	E	0.10	0.063	mg/L			11/11/21 05:46	1
Nitrate as N	23	н	1.0	0.63	mg/L			11/23/21 06:50	10
Nitrate Nitrite as N	23	E	0.10	0.063	mg/L			11/11/21 05:46	1
Nitrate Nitrite as N	23	Н	1.0	0.63	mg/L			11/23/21 06:50	10
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 05:46	1

Job ID: 400-210926-1

Lab Sample ID: 400-210926-16 Matrix: Water

: Water

Page 60 of 92

Client Sample ID: MW-77 Date Collected: 11/09/21 10:24 Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion Chromatography	/							
Analyte Res	ult Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	48 E	0.10	0.063	mg/L			11/11/21 06:11	1
Nitrate as N	55 H	1.0	0.63	mg/L			11/23/21 07:15	10
Nitrate Nitrite as N	48 E	0.10	0.063	mg/L			11/11/21 06:11	1
Nitrate Nitrite as N	55 H	1.0	0.63	mg/L			11/23/21 07:15	10
Nitrite as N 0.0	83 U	0.10	0.083	mg/L			11/11/21 06:11	1

Job ID: 400-210926-1

Lab Sample ID: 400-210926-17

Matrix: Water

Page 61 of 92

Job ID: 400-210926-1

Matrix: Water

Lab Sample ID: 400-210926-18

Client Sample Results

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-74 Date Collected: 11/09/21 10:51

Date Collected: 11/09/21 10:51	
Date Received: 11/10/21 09:13	

Method: 300.0 - Anions, Ion	Chromatography							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	3.5	0.10	0.063	mg/L			11/11/21 07:00	1
Nitrate Nitrite as N	3.5	0.10	0.063	mg/L			11/11/21 07:00	1
Nitrite as N	0.083 U	0.10	0.083	mg/L			11/11/21 07:00	1

Method: 300.0 - Anions, Ion Chi	romatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	40	E	0.10	0.063	mg/L			11/11/21 07:25	1
Nitrate as N	43	н	1.0	0.63	mg/L			11/23/21 07:39	10
Nitrate Nitrite as N	40	E	0.10	0.063	mg/L			11/11/21 07:25	1
Nitrate Nitrite as N	43	Н	1.0	0.63	mg/L			11/23/21 07:39	10
Nitrite as N	0.12		0.10	0.083	mg/L			11/11/21 07:25	1

Lab Sample ID: 400-210926-19

Matrix: Water

5 6

Page 63 of 92

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-8

Date Collected: 11/09/21 11:04 Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion Chror	natography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.063	U	0.10	0.063	mg/L			11/11/21 07:50	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			11/11/21 07:50	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 07:50	1

Eurofins TestAmerica, Pensacola

Matrix: Water

5 6 7

Lab Sample ID: 400-210926-20

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-72

Date Collected: 11/09/21 11:25 Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion Chromatography											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Nitrate as N	9.6		0.10	0.063	mg/L			11/11/21 08:15	1		
Nitrate Nitrite as N	9.6		0.10	0.063	mg/L			11/11/21 08:15	1		
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 08:15	1		

Eurofins TestAmerica, Pensacola

Job ID: 400-210926-1 Lab Sample ID: 400-210926-21 Matrix: Water 5 6 7

Job ID: 400-210926-1

Matrix: Water

Lab Sample ID: 400-210926-22

Client Sample Results

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-76 Date Collected: 11/09/21 11:35

Date Collected: 11/09/21 11:35 Date Received: 11/10/21 09:13

Method: 300.0 - Anions, Ion Cl	hromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.15		0.10	0.063	mg/L			11/11/21 08:39	1
Nitrate Nitrite as N	0.15		0.10	0.063	mg/L			11/11/21 08:39	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 08:39	1

Eurofins TestAmerica, Pensacola

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-14 Date Collected: 11/09/21 11:48

Date Received: 11/10/21 09:13

Method: 8260B - Volatile Org	ganic Compounds	(GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00056	J	0.0010	0.00050	mg/L			11/17/21 21:54	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:54	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:54	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 21:54	1
Tetrachloroethene	0.00012	U	0.0010	0.00012	mg/L			11/17/21 21:54	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 21:54	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/L			11/17/21 21:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		72 _ 119			-		11/17/21 21:54	1
Dibromofluoromethane	98		75 - 126					11/17/21 21:54	1
Toluene-d8 (Surr)	101		64 - 132					11/17/21 21:54	1
Method: 300.0 - Anions, Ion	Chromatography								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	7.6	н	0.10	0.063	ma/L			11/11/21 14:52	1

Nitrate as N	7.6 H	0.10	0.063 mg/L	11/11/21 14:52 1	
Nitrate Nitrite as N	7.8 H	0.10	0.063 mg/L	11/11/21 14:52 1	
Nitrite as N	0.20 H	0.10	0.083 mg/L	11/11/21 14:52 1	

5

6

Job ID: 400-210926-1

Lab Sample ID: 400-210926-23

Matrix: Water

Eurofins TestAmerica, Pensacola

Released to Imaging: 4/26/2023 9:40:06 AM

Definitions/Glossary

Page 68 of 92

Client: Stantec Consulting Services Inc.									
	c Consulting Services Inc Job ID: 400-210926-1 CMI Kinder Morgan Blanco South	2							
-									
Qualifiers									
GC/MS VOA Qualifier	Qualifier Description								
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.								
U	Indicates the analyte was analyzed for but not detected.	5							
HPLC/IC									
Qualifier	Qualifier Description								
^3-	Reporting Limit Check Standard is outside acceptance limits, low biased.								
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not	7							
_	applicable.								
E	Result exceeded calibration range.	8							
F1	MS and/or MSD recovery exceeds control limits.								
Н	Sample was prepped or analyzed beyond the specified holding time	9							
U	Indicates the analyte was analyzed for but not detected.								
Glossary									
Abbreviation	These commonly used abbreviations may or may not be present in this report.								
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis								
%R	Percent Recovery								
CFL	Contains Free Liquid								
CFU	Colony Forming Unit								
CNF	Contains No Free Liquid	13							
DER	Duplicate Error Ratio (normalized absolute difference)								
Dil Fac	Dilution Factor								
DL	Detection Limit (DoD/DOE)								
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample								
DLC	Decision Level Concentration (Radiochemistry)								
EDL	Estimated Detection Limit (Dioxin)								
LOD	Limit of Detection (DoD/DOE)								
LOQ	Limit of Quantitation (DoD/DOE)								
MCL	EPA recommended "Maximum Contaminant Level"								
MDA	Minimum Detectable Activity (Radiochemistry)								
MDC	Minimum Detectable Concentration (Radiochemistry)								
MDL	Method Detection Limit								
ML	Minimum Level (Dioxin)								
MPN	Most Probable Number								
MQL	Method Quantitation Limit								
NC	Not Calculated								
ND	Not Detected at the reporting limit (or MDL or EDL if shown)								
NEG	Negative / Absent								
POS	Positive / Present								
PQL	Practical Quantitation Limit								
PRES	Presumptive								
QC	Quality Control								
RER	Relative Error Ratio (Radiochemistry)								
RL	Reporting Limit or Requested Limit (Radiochemistry)								
RPD	Relative Percent Difference, a measure of the relative difference between two points								
TEF	Toxicity Equivalent Factor (Dioxin)								

 TEF
 Toxicity Equivalent Factor (Dioxin)

 TEQ
 Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Job ID: 400-210926-1

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 8260B - Volatile Organic Compounds (GC/MS) Matrix: Water

				Percent Surrogate	Recovery (Accept
		BFB	DBFM	TOL	
Lab Sample ID	Client Sample ID	(72-119)	(75-126)	(64-132)	
400-210926-1	TB-01	97	95	102	
400-210926-2	DUP-01	96	97	101	
100-210926-5	MW-71	94	97	100	
400-210926-6	MW-15	95	98	100	
400-210926-7	MW-13	95	97	101	
400-210926-7 MS	MW-13	96	99	100	
400-210926-7 MSD	MW-13	97	98	101	
400-210926-8	MW-12	95	97	102	
400-210926-23	MW-14	94	98	101	
LCS 400-556301/1002	Lab Control Sample	96	96	102	
MB 400-556301/4	Method Blank	96	95	103	

Surrogate Legend

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Prep Type: Total/NA

QC Association Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

GC/MS VOA

Analysis Batch: 556301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-210926-1	TB-01	Total/NA	Water	8260B	
400-210926-2	DUP-01	Total/NA	Water	8260B	
400-210926-5	MW-71	Total/NA	Water	8260B	
400-210926-6	MW-15	Total/NA	Water	8260B	
400-210926-7	MW-13	Total/NA	Water	8260B	
400-210926-8	MW-12	Total/NA	Water	8260B	
400-210926-23	MW-14	Total/NA	Water	8260B	
MB 400-556301/4	Method Blank	Total/NA	Water	8260B	
LCS 400-556301/1002	Lab Control Sample	Total/NA	Water	8260B	
400-210926-7 MS	MW-13	Total/NA	Water	8260B	
400-210926-7 MSD	MW-13	Total/NA	Water	8260B	

HPLC/IC

Analysis Batch: 555317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-210926-3	DUP-02	Total/NA	Water	300.0	
400-210926-5	MW-71	Total/NA	Water	300.0	
400-210926-6	MW-15	Total/NA	Water	300.0	
400-210926-7	MW-13	Total/NA	Water	300.0	
400-210926-8	MW-12	Total/NA	Water	300.0	
400-210926-9	MW-79	Total/NA	Water	300.0	
400-210926-10	MW-80	Total/NA	Water	300.0	
400-210926-11	MW-75	Total/NA	Water	300.0	
400-210926-12	MW-29	Total/NA	Water	300.0	
400-210926-13	MW-28	Total/NA	Water	300.0	
400-210926-14	MW-30	Total/NA	Water	300.0	
400-210926-15	MW-78	Total/NA	Water	300.0	
400-210926-16	MW-73	Total/NA	Water	300.0	
400-210926-17	MW-77	Total/NA	Water	300.0	
400-210926-18	MW-74	Total/NA	Water	300.0	
400-210926-19	MW-81	Total/NA	Water	300.0	
400-210926-20	MW-8	Total/NA	Water	300.0	
400-210926-21	MW-72	Total/NA	Water	300.0	
400-210926-22	MW-76	Total/NA	Water	300.0	
MB 400-555317/120	Method Blank	Total/NA	Water	300.0	
MB 400-555317/7	Method Blank	Total/NA	Water	300.0	
LCS 400-555317/118	Lab Control Sample	Total/NA	Water	300.0	
LCS 400-555317/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-555317/119	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 400-555317/6	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 400-555317/121	Lab Control Sample	Total/NA	Water	300.0	
MRL 400-555317/8	Lab Control Sample	Total/NA	Water	300.0	
400-210926-7 MS	MW-13	Total/NA	Water	300.0	
400-210926-7 MSD	MW-13	Total/NA	Water	300.0	

Analysis Batch: 555556

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
400-210926-2	DUP-01	Total/NA	Water	300.0	
400-210926-23	MW-14	Total/NA	Water	300.0	
MB 400-555556/6	Method Blank	Total/NA	Water	300.0	

5 6

Job ID: 400-210926-1

QC Association Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

HPLC/IC (Continued)

Analysis Batch: 555556 (Continued)

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batc
LCS 400-555556/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-555556/5	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 400-555556/7	Lab Control Sample	Total/NA	Water	300.0	
400-210926-15 MS	MW-78	Total/NA	Water	300.0	
400-210926-15 MSD	MW-78	Total/NA	Water	300.0	

Analysis Batch: 555747

Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MW-71	Total/NA	Water	300.0	
MW-15	Total/NA	Water	300.0	
MW-80	Total/NA	Water	300.0	
MW-75	Total/NA	Water	300.0	
MW-29	Total/NA	Water	300.0	
MW-28	Total/NA	Water	300.0	
Method Blank	Total/NA	Water	300.0	
Lab Control Sample	Total/NA	Water	300.0	
Lab Control Sample Dup	Total/NA	Water	300.0	
Lab Control Sample	Total/NA	Water	300.0	
-	MW-71 MW-15 MW-80 MW-75 MW-29 MW-28 Method Blank Lab Control Sample Lab Control Sample Dup	MW-71 Total/NA MW-15 Total/NA MW-80 Total/NA MW-75 Total/NA MW-29 Total/NA MW-28 Total/NA Method Blank Total/NA Lab Control Sample Total/NA Lab Control Sample Dup Total/NA	MW-71 Total/NA Water MW-15 Total/NA Water MW-80 Total/NA Water MW-75 Total/NA Water MW-29 Total/NA Water MW-28 Total/NA Water Method Blank Total/NA Water Lab Control Sample Total/NA Water	MW-71Total/NAWater300.0MW-15Total/NAWater300.0MW-80Total/NAWater300.0MW-75Total/NAWater300.0MW-29Total/NAWater300.0MW-28Total/NAWater300.0Method BlankTotal/NAWater300.0Lab Control SampleTotal/NAWater300.0Lab Control Sample DupTotal/NAWater300.0

Analysis Batch: 556929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-210926-3	DUP-02	Total/NA	Water	300.0	
400-210926-15	MW-78	Total/NA	Water	300.0	
400-210926-16	MW-73	Total/NA	Water	300.0	
400-210926-17	MW-77	Total/NA	Water	300.0	
400-210926-19	MW-81	Total/NA	Water	300.0	
MB 400-556929/6	Method Blank	Total/NA	Water	300.0	
LCS 400-556929/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-556929/5	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 400-556929/7	Lab Control Sample	Total/NA	Water	300.0	
400-210926-15 MS	MW-78	Total/NA	Water	300.0	
400-210926-15 MSD	MW-78	Total/NA	Water	300.0	

QC Sample Results

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-556301/4	
Matrix: Water	

Analysis Batch: 556301

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.00050	U	0.0010	0.00050	mg/L			11/17/21 17:30	1
1,1-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 17:30	1
1,2-Dichlorobenzene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 17:30	1
cis-1,2-Dichloroethene	0.00020	U	0.0010	0.00020	mg/L			11/17/21 17:30	1
Tetrachloroethene	0.00012	U	0.0010	0.00012	mg/L			11/17/21 17:30	1
trans-1,2-Dichloroethene	0.00050	U	0.0010	0.00050	mg/L			11/17/21 17:30	1
Trichloroethene	0.00015	U	0.0010	0.00015	mg/L			11/17/21 17:30	1

	MB	МВ				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		72 _ 119		11/17/21 17:30	1
Dibromofluoromethane	95		75 - 126		11/17/21 17:30	1
Toluene-d8 (Surr)	103		64 - 132		11/17/21 17:30	1

Lab Sample ID: LCS 400-556301/1002 Matrix: Water Analysis Batch: 556301

Spike	LCS	LCS				%Rec.	
Added	Result	Qualifier	Unit	D	%Rec	Limits	
0.0500	0.0430		mg/L		86	70 - 130	
0.0500	0.0401		mg/L		80	63 - 134	
0.0500	0.0509		mg/L		102	67 _ 130	
0.0500	0.0463		mg/L		93	68 _ 130	
0.0500	0.0503		mg/L		101	65 _ 130	
0.0500	0.0446		mg/L		89	70 - 130	
0.0500	0.0456		mg/L		91	70 - 130	
	Added 0.0500 0.0500 0.0500 0.0500 0.0500 0.0500	Added Result 0.0500 0.0430 0.0500 0.0440 0.0500 0.0509 0.0500 0.0463 0.0500 0.0463 0.0500 0.0503 0.0500 0.0446	Added Result Qualifier 0.0500 0.0430 - 0.0500 0.0401 - 0.0500 0.0509 - 0.0500 0.0463 - 0.0500 0.0503 - 0.0500 0.0446 -	Added Result Qualifier Unit 0.0500 0.0430 mg/L 0.0500 0.0401 mg/L 0.0500 0.0509 mg/L 0.0500 0.0463 mg/L 0.0500 0.0503 mg/L 0.0500 0.0463 mg/L 0.0500 0.0463 mg/L 0.0500 0.0463 mg/L	Added Result Qualifier Unit D 0.0500 0.0430 mg/L mg/L 0.0500 0.0401 mg/L 0.0500 0.0509 mg/L 0.0500 0.0463 mg/L 0.0500 0.0503 mg/L 0.0500 0.0463 mg/L	Added Result Qualifier Unit D %Rec 0.0500 0.0430 mg/L mg/L 86 0.0500 0.0401 mg/L 80 0.0500 0.0509 mg/L 102 0.0500 0.0463 mg/L 93 0.0500 0.0503 mg/L 101 0.0500 0.0446 mg/L 89	Added Result Qualifier Unit D %Rec Limits 0.0500 0.0430 mg/L 86 70 - 130 0.0500 0.0401 mg/L 80 63 - 134 0.0500 0.0509 mg/L 102 67 - 130 0.0500 0.0463 mg/L 93 68 - 130 0.0500 0.0503 mg/L 101 65 - 130 0.0500 0.0446 mg/L 89 70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene	96		72 - 119
Dibromofluoromethane	96		75 - 126
Toluene-d8 (Surr)	102		64 - 132

Lab Sample ID: 400-210926-7 MS Matrix: Water Analysis Batch: 556301

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethane	0.0079		0.0500	0.0456		mg/L		75	61 - 144	
1,1-Dichloroethene	0.00050	U	0.0500	0.0345		mg/L		69	54 ₋ 147	
1,2-Dichlorobenzene	0.0051		0.0500	0.0462		mg/L		82	52 ₋ 137	
cis-1,2-Dichloroethene	0.0019		0.0500	0.0442		mg/L		85	59 ₋ 143	
Tetrachloroethene	0.00044	J	0.0500	0.0404		mg/L		80	52 ₋ 133	
trans-1,2-Dichloroethene	0.00050	U	0.0500	0.0388		mg/L		78	61 - 143	
Trichloroethene	0.0028		0.0500	0.0423		mg/L		79	64 - 136	
	MS	MS								

Surrogate	%Recovery	Qualifier	Limits		
4-Bromofluorobenzene	96		72 _ 119		
Dibromofluoromethane	99		75 - 126		

Client Sample ID: Method Blank

Prepared	Analyzed	Dil Fa
	11/17/21 17:30	
	11/17/21 17:30	
	11/17/21 17:30	

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Client S	ample ID: MW-13	
Pr	ep Type: Total/NA	
%Rec		

Eurofins TestAmerica, Pensacola

Page 72 of 92

5 6 7

10

Job ID: 400-210926-1

Prep Type: Total/NA
Lab Sample ID: 400-210926-7 MS

Matrix: Water

Analysis Batch: 556301

QC Sample Results

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

MS MS Surrogate %Recovery Qualifier Limits Toluene-d8 (Surr) 100 64 - 132 Lab Sample ID: 400-210926-7 MSD **Client Sample ID: MW-13** Matrix: Water Prep Type: Total/NA Analysis Batch: 556301 MSD MSD %Rec. RPD Sample Sample Spike Analyte **Result Qualifier** Added **Result Qualifier** Unit D %Rec Limits RPD Limit 1,1-Dichloroethane 0.0079 0.0500 0.0494 mg/L 83 61 - 144 8 30 1,1-Dichloroethene 0.00050 0.0500 0.0380 76 54 - 147 30 U mg/L 10 1,2-Dichlorobenzene 0.0051 0.0500 0.0480 mg/L 86 52 - 137 4 30 cis-1,2-Dichloroethene 0.0019 0.0500 0.0468 mg/L 90 59 - 143 6 30 Tetrachloroethene 0.00044 J 0.0500 0.0439 mg/L 87 52 - 133 8 30 trans-1,2-Dichloroethene 0.00050 U 0.0500 0.0429 mg/L 86 61 - 143 10 30 Trichloroethene 0.0028 0.0500 0.0454 mg/L 85 64 - 136 7 30 MSD MSD %Recovery Qualifier Limits Surrogate 4-Bromofluorobenzene 72 - 119 97 Dibromofluoromethane 98 75 - 126 Toluene-d8 (Surr) 101 64 - 132

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-555317/120 Matrix: Water							Client Sa	ample ID: Metho Prep Type: 1	
Analysis Batch: 555317									
	МВ	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.063	U	0.10	0.063	mg/L			11/11/21 11:58	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			11/11/21 11:58	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/11/21 11:58	1
 Lab Sample ID: MB 400-555317/7							Client Sa	ample ID: Metho	d Blank
Matrix: Water								Prep Type: 1	Total/NA
Analysis Batch: 555317									
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.063	U	0.10	0.063	mg/L			11/10/21 22:19	1
Nitrate Nitrite as N	0.063	U	0.10	0.063	mg/L			11/10/21 22:19	1
Nitrite as N	0.083	U	0.10	0.083	mg/L			11/10/21 22:19	1
- Lab Sample ID: LCS 400-555317/118						CI	ient Sample	ID: Lab Control	Sample
Matrix: Water								Prep Type: 1	
Analysis Batch: 555317									
-			Spike	LCS LCS				%Rec.	

	эріке	L03	LUS				%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate as N	2.26	2.15		mg/L		95	90 _ 110		
Nitrate Nitrite as N	5.30	5.19		mg/L		98	90 - 110		
Nitrite as N	3.04	3.04		mg/L		100	90 _ 110		

Eurofins TestAmerica, Pensacola

Job ID: 400-210926-1

Client Sample ID: MW-13

Prep Type: Total/NA

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-55	5317/5						Client	Sample	D: Lab Co	ontrol Sa	mple
Matrix: Water									Prep 1	Type: Tot	al/NA
Analysis Batch: 555317											
			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate as N			2.26	2.11		mg/L		93	90 - 110		
Nitrate Nitrite as N			5.30	5.15		mg/L		97	90 _ 110		
Nitrite as N			3.04	3.04		mg/L		100	90 _ 110		
_											
Lab Sample ID: LCSD 400-5	55317/119					Clie	ent Sam	ple ID:	Lab Contro	I Sample	e Dup
Matrix: Water									Prep 1	Type: Tot	al/NA
Analysis Batch: 555317											
			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added		Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrate as N			2.26	2.16		mg/L		95	90 - 110	0	15
Nitrate Nitrite as N			5.30	5.23		mg/L		99	90 - 110	1	15
Nitrite as N			3.04	3.07		mg/L		101	90 - 110	1	15
Lab Sample ID: LCSD 400-5	55317/6					Clie	ent Sam	ple ID:	Lab Contro	ol Sample	e Dup
Matrix: Water										· Type: Tot	
Analysis Batch: 555317											
-			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
			2.26	2.12		mg/L		94	90 - 110	1	15
Nitrate as N										0	15
Nitrate as N Nitrate Nitrite as N			5.30	5.17		mg/L		98	90 - 110	0	15
			5.30 3.04	5.17 3.05		mg/L mg/L		98 100	90 - 110 90 - 110	0 1	15
Nitrate Nitrite as N Nitrite as N						-		100	90 _ 110	1	15
Nitrate Nitrite as N Nitrite as N — Lab Sample ID: MRL 400-55	5317/121					-	Client	100	90 ₋ 110 e ID: Lab Co	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N 	5317/121					-	Client	100	90 ₋ 110 e ID: Lab Co	1	15 Imple
Nitrate Nitrite as N Nitrite as N — Lab Sample ID: MRL 400-55	5317/121		3.04	3.05	MDI	-	Client	100	90 - 110 e ID: Lab Co Prep 1	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317	5317/121		3.04 Spike	3.05 MRL	MRL	mg/L		100 : Sample	90 - 110 e ID: Lab Co Prep 1 %Rec.	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte	5317/121		3.04 Spike Added	3.05 MRL Result	Qualifier	mg/L	Client	100 Sample	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N	5317/121		3.04 Spike Added 0.226	3.05 MRL Result 0.103	Qualifier	mg/L		100 2 Sample <u>%Rec</u> 45	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N	5317/121		3.04 Spike Added 0.226 0.530	3.05 MRL Result 0.103 0.403	Qualifier	mg/L - Unit mg/L mg/L		100 Sample %Rec 45 76	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N	5317/121		3.04 Spike Added 0.226	3.05 MRL Result 0.103	Qualifier	mg/L		100 2 Sample <u>%Rec</u> 45	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150	1 Ontrol Sa	15 Imple
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N			3.04 Spike Added 0.226 0.530	3.05 MRL Result 0.103 0.403	Qualifier	mg/L - Unit mg/L mg/L	<u>D</u>	100 Sample %Rec 45 76 99	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N			3.04 Spike Added 0.226 0.530	3.05 MRL Result 0.103 0.403	Qualifier	mg/L - Unit mg/L mg/L	<u>D</u>	100 Sample %Rec 45 76 99	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 e ID: Lab Co	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555 Matrix: Water			3.04 Spike Added 0.226 0.530	3.05 MRL Result 0.103 0.403	Qualifier	mg/L - Unit mg/L mg/L	<u>D</u>	100 Sample %Rec 45 76 99	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 e ID: Lab Co	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55			3.04 Spike Added 0.226 0.530 0.304	3.05 MRL Result 0.103 0.403 0.300	Qualifier	mg/L - Unit mg/L mg/L	<u>D</u>	100 Sample %Rec 45 76 99	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 e ID: Lab Co	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317			3.04 Spike Added 0.226 0.530 0.304 Spike	3.05 MRL Result 0.103 0.403 0.300 MRL	Qualifier ^3-	mg/L - Unit mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 6 ID: Lab Co Prep 1 %Rec.	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water			3.04 Spike Added 0.226 0.530 0.304	3.05 MRL Result 0.103 0.300 MRL Result	Qualifier ^3-	mg/L <u>Unit</u> mg/L mg/L mg/L mg/L	<u>D</u>	100 Sample %Rec 45 76 99	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 e ID: Lab Co Prep 1	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte			3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226	3.05 MRL Result 0.103 0.403 0.300 MRL Result 0.176	Qualifier ^3-	mg/L - Unit mg/L mg/L mg/L - Unit mg/L	D_	100 Sample %Rec 45 76 99 Sample Sample %Rec 78	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N			3.04 Spike Added 0.226 0.530 0.304 Spike Added	3.05 MRL Result 0.103 0.300 MRL Result	Qualifier ^3-	mg/L <u>Unit</u> mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample %Rec	90 - 110 e ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 6 ID: Lab Co Prep 1 %Rec. Limits	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate as N Nitrate as N			3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530	3.05 MRL 0.103 0.403 0.300 MRL Result 0.176 0.425	Qualifier ^3-	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 50 - 150	1 Sontrol Sa Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate as N Nitrate as N	5317/8		3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530	3.05 MRL 0.103 0.403 0.300 MRL Result 0.176 0.425	Qualifier ^3-	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 50 - 150	1 Type: Tot	15 ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate as N Nitrate as N Nitrate as N	5317/8		3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530	3.05 MRL 0.103 0.403 0.300 MRL Result 0.176 0.425	Qualifier ^3-	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150	1 Type: Tot	15 ample al/NA ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Nitrite as N	5317/8		3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530	3.05 MRL 0.103 0.403 0.300 MRL Result 0.176 0.425	Qualifier ^3-	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150	1 Sontrol Sa Sontrol Sa Sype: Tot	15 ample al/NA ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate as N Nitrate Nitrite as N	5317/8	Sample	3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530	3.05 MRL Result 0.103 0.403 0.300 MRL Result 0.176 0.425 0.249	Qualifier ^3-	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150	1 Sontrol Sa Sontrol Sa Sype: Tot	15 ample al/NA ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-553 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate as N Nitrate Nitrite as N	5317/8 	Sample Qualifier	3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530 0.304	3.05 MRL Result 0.103 0.403 0.300 MRL Result 0.176 0.425 0.249 MS Result	Qualifier ^3- MRL Qualifier MS Qualifier	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D_	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 6 ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 7 - 150	1 Sontrol Sa Sontrol Sa Sype: Tot	15 ample al/NA ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Signal Sample ID: 400-210926- Matrix: Water Analysis Batch: 555317	5317/8 	-	3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530 0.304 Spike Spike	3.05 MRL Result 0.103 0.403 0.300 MRL Result 0.176 0.425 0.249 MS Result 9.49	Qualifier ^3- MRL Qualifier H	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 6 ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 %Rec. Limits 50 - 150 50 - 170 %Rec. Limits 50 - 150 50 - 150 %Rec. Limits 50 - 150 50 - 150 %Rec. Limits %Rec. Kec. Kec. Kec. Kec. Kec. Kec. Kec. Kec. Kec. Kec. Kec.	1 Sontrol Sa Sontrol Sa Sype: Tot	15 ample al/NA ample al/NA
Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrate Nitrite as N Lab Sample ID: MRL 400-55 Matrix: Water Analysis Batch: 555317 Analyte Nitrate as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Nitrite as N Nitrate Signal D: 400-210926- Matrix: Water Analysis Batch: 555317 Analyte	5317/8 7 MS Sample Result	-	3.04 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530 0.304 Spike Added 0.226 0.530 0.304	3.05 MRL Result 0.103 0.403 0.300 MRL Result 0.176 0.425 0.249 MS Result	Qualifier ^3- MRL Qualifier H	mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L mg/L	D	100 Sample %Rec 45 76 99 Sample * Sample * Rec 78 80 82	90 - 110 Prep 1 %Rec. Limits 50 - 150 50 - 150 50 - 150 50 - 150 6 ID: Lab Co Prep 1 %Rec. Limits 50 - 150 50 - 150 %Rec. Limits %Rec. Limits	1 Sontrol Sa Sontrol Sa Sype: Tot	15 ample al/NA ample al/NA

Job ID: 400-210926-1

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-210926-7 MSD Matrix: Water												Client Sam Prep T	ple ID: I Type: To	
Analysis Batch: 555317														
	Sample	Sample	Spike			MSD						%Rec.		RPD
Analyte		Qualifier	Added		Result		lifier	Unit		D	%Rec	Limits	RPD	Limit
Nitrate as N	7.3		2.26		9.51			mg/L			97	80 - 120	0	20
Nitrate Nitrite as N	7.5		5.30		12.8			mg/L			101	80 - 120	1	20
Nitrite as N	0.17		3.04		3.32	Н		mg/L			104	80 - 120	3	20
Lab Sample ID: MB 400-555556/6											Client S	Sample ID:		
Matrix: Water												Prep 1	ype: To	tal/NA
Analysis Batch: 555556		MB MB												
Analyte	R	esult Qualifier		RL		MDL	Unit		D	P	repared	Analyz	ed	Dil Fac
Nitrate as N	(0.063 U		0.10	(0.063	mg/L					11/12/21 (03:42	1
Nitrate Nitrite as N	(0.063 U		0.10	(0.063	mg/L					11/12/21 (03:42	1
Nitrite as N	(0.083 U		0.10	(0.083	mg/L					11/12/21 (03:42	1
Lab Sample ID: LCS 400-555556/4									Cli	ent	Sample	D: Lab Co	ontrol S	ample
Matrix: Water												Prep T	ype: To	tal/NA
Analysis Batch: 555556														
			Spike		LCS	LCS						%Rec.		
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits		
Nitrate as N			2.26		2.09			mg/L			93	90 _ 110		
Nitrate Nitrite as N			5.30		5.12			mg/L			97	90 - 110		
Nitrite as N			3.04		3.03			mg/L			100	90 - 110		
Lab Sample ID: LCSD 400-555556/5	;							С	lient S	Sam	ple ID:	Lab Contro	l Samn	
													- oump	le Dup
Matrix: Water													уре: То	
Matrix: Water Analysis Batch: 555556												Prep T	-	
			Spike		LCSD	LCS	D						-	
Analysis Batch: 555556 Analyte			Added		Result			Unit		D	%Rec	Prep 1 %Rec. Limits	ype: To	RPD Limit
Analysis Batch: 555556 Analyte Nitrate as N			Added		Result 2.20			Unit mg/L			%Rec 97	Prep 1 %Rec. Limits 90 - 110	RPD 5	RPD Limit 15
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N			Added 2.26 5.30		Result 2.20 5.30			Unit mg/L mg/L			%Rec 97 100	Prep 7 %Rec. Limits 90 - 110 90 - 110	RPD 3	RPD Limit 15 15
Analysis Batch: 555556 Analyte Nitrate as N			Added		Result 2.20			Unit mg/L			%Rec 97	Prep 1 %Rec. Limits 90 - 110	RPD 5	RPD Limit 15
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7			Added 2.26 5.30		Result 2.20 5.30			Unit mg/L mg/L		<u>D</u>	%Rec 97 100 102	Prep 7 %Rec. Limits 90 - 110 90 - 110 90 - 110 90 - 110	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water			Added 2.26 5.30		Result 2.20 5.30			Unit mg/L mg/L		<u>D</u>	%Rec 97 100 102	Prep 7 %Rec. Limits 90 - 110 90 - 110 90 - 110 90 - 110	RPD 3 2	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7			Added 2.26 5.30 3.04		Result 2.20 5.30 3.10	Qual	lifier	Unit mg/L mg/L		<u>D</u>	%Rec 97 100 102	Prep T %Rec. Limits 90 - 110 90 - 110 90 - 110 90 - 110 90 - 110	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556			Added 2.26 5.30 3.04 Spike		Result 2.20 5.30 3.10 MRL	Qual	lifier	Unit mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample	Prep 7 %Rec. Limits 90 - 110 90 - 110 90 - 110 90 - 110 • ID: Lab Co Prep 7 %Rec.	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte			Added 2.26 5.30 3.04 Spike Added		Result 2.20 5.30 3.10 MRL Result	Qual	lifier	Unit mg/L mg/L mg/L		<u>D</u>	%Rec 97 100 102 Sample	Prep 7 %Rec. Limits 90 - 110 90 - 110 90 - 110 90 - 110 e ID: Lab Co Prep 7 %Rec. Limits	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N			Added 2.26 5.30 3.04 Spike Added 0.226		Result 2.20 5.30 3.10 MRL Result 0.218	Qual	lifier	Unit mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97	Prep 7 %Rec. Limits 90 - 110 90 - 110	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N			Added 2.26 5.30 3.04 Spike Added 0.226 0.530		Result 2.20 5.30 3.10 MRL Result 0.218 0.474	Qual	lifier	Unit mg/L mg/L mg/L Mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97 89	Prep 7 %Rec. Limits 90 - 110 90 - 110	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N			Added 2.26 5.30 3.04 Spike Added 0.226		Result 2.20 5.30 3.10 MRL Result 0.218	Qual	lifier	Unit mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97	Prep 7 %Rec. Limits 90 - 110 90 - 110	RPD 5 3 2 Sontrol S	RPD Limit 15 15 15 ample
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-5555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Nitrite as N Nitrite as N Nitrite as N			Added 2.26 5.30 3.04 Spike Added 0.226 0.530		Result 2.20 5.30 3.10 MRL Result 0.218 0.474	Qual	lifier	Unit mg/L mg/L mg/L Mg/L mg/L		D ent	%Rec 97 900 100 102 Sample %Rec 97 99 84	Prep 7 %Rec. Limits 90 - 110 90 - 150 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150	ype: To RPD 5 3 2 5 3 2 5 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrate SN Nitrite as N Nitrite as N Nitrite as N			Added 2.26 5.30 3.04 Spike Added 0.226 0.530		Result 2.20 5.30 3.10 MRL Result 0.218 0.474	Qual	lifier	Unit mg/L mg/L mg/L Mg/L mg/L		D ent	%Rec 97 900 100 102 Sample %Rec 97 99 84	Prep 7 %Rec. Limits 90 - 110 90 - 150 50 - 150 50 - 150 50 - 150 50 - 150 50 - 150	Type: To RPD 5 3 2 2 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-5555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Nitrite as N Nitrite as N Nitrite as N			Added 2.26 5.30 3.04 Spike Added 0.226 0.530 0.304		Result 2.20 5.30 3.10 MRL Result 0.218 0.474 0.256	Qual MRL Qual	lifier	Unit mg/L mg/L mg/L Mg/L mg/L		D ent	%Rec 97 900 100 102 Sample %Rec 97 99 84	Prep T %Rec. Limits 90 - 110 90 - 150 50 - 150 50 - 150 50 - 150 50 - 150 90 - 150 90 - 150 90 - 150	ype: To RPD 5 3 2 5 3 2 5 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrate SN Nitrite as N Nitrite as N Nitrite as N Nitrite as N	-		Added 2.26 5.30 3.04 Spike Added 0.226 0.530 0.304 Spike		Result 2.20 5.30 3.10 MRL Result 0.218 0.474 0.256	Qual MRL Qual	lifier	Unit mg/L mg/L mg/L mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97 89 84 6	Prep 7 %Rec. Limits 90 - 110 90 - 150 50 - 150 50 - 150 50 - 150 90 - 150	ype: To RPD 5 3 2 5 3 2 5 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrate SN Nitrite as N Nitrite as N Analysis Batch: 555556 Analyte Analysis Batch: 555556	Result	Qualifier	Added 2.26 5.30 3.04 Spike Added 0.226 0.530 0.304 Spike Added		Result 2.20 5.30 3.10 MRL Result 0.218 0.474 0.256 MS Result	Qual MRL Qual MS Qual	lifier	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97 89 84 %Rec	Prep T %Rec. 110 90 - 110 90 - 150 50 - 150 50 - 150 50 - 150 90 -	ype: To RPD 5 3 2 5 3 2 5 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: 400-210926-15 MS Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N	Result 36	Qualifier H E	Added 2.26 5.30 3.04 Spike Added 0.226 0.530 0.304 Spike Added 2.26		Result 2.20 5.30 3.10 MRL Result 0.218 0.474 0.256 MS Result 36.8	MRL Qual MS Qual HE	lifier lifier	Unit mg/L mg/L mg/L mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97 89 84 %Rec 39 39	Prep T %Rec. Limits 90 - 110 90 - 110 90 - 110 90 - 110 90 - 110 91 - 110 90 - 150 50 - 150 50 - 150 50 - 150 90 - 150 90 - 110 90 - 150 90 ype: To RPD 5 3 2 5 3 2 5 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA	
Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrite as N Lab Sample ID: MRL 400-555556/7 Matrix: Water Analysis Batch: 555556 Analyte Nitrate as N Nitrate Nitrite as N Nitrate SN Nitrite as N Nitrite as N Analysis Batch: 555556 Analyte Analysis Batch: 555556	Result 36	Qualifier H E H E	Added 2.26 5.30 3.04 Spike Added 0.226 0.530 0.304 Spike Added		Result 2.20 5.30 3.10 MRL Result 0.218 0.474 0.256 MS Result 36.8	Qual MRL Qual MS Qual HEC HEC	lifier lifier	Unit mg/L mg/L mg/L mg/L mg/L mg/L mg/L		D ent	%Rec 97 100 102 Sample %Rec 97 89 84 %Rec	Prep T %Rec. 110 90 - 110 90 - 150 50 - 150 50 - 150 50 - 150 90 -	ype: To RPD 5 3 2 5 3 2 5 5 3 2 5 5 3 2 5 5 3 2 5 5 5 3 2 5 5 5 5 5 5 5 5 5 5 5 5 5	RPD Limit 15 15 15 ample tal/NA

10

Job ID: 400-210926-1

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 300.0 - Anions, Ion Chromatography (Continued)

_ Lab Sample ID: 400-210926-15 MSD Matrix: Water	1												Client Samı Prep T		MW-78 otal/NA
Analysis Batch: 555556															
-	Sample	Sam	ple	Spike		MSD	MSD)					%Rec.		RPD
Analyte	Result	Qual	lifier	Added		Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limit
Nitrate as N	36	ΗE		2.26		36.8	ΗE	4	mg/L		_	42	80 - 120	0	20
Nitrate Nitrite as N	36	ΗE		5.30		39.9	ΗE	4	mg/L			73	80 - 120	0	20
Nitrite as N	0.083	UΗ		3.04		3.09	Н		mg/L			102	80 - 120	1	20
Lab Sample ID: MB 400-555747/33												Client S	Sample ID: I		
Matrix: Water Analysis Batch: 555747													Prep I	ype: n	otal/NA
		ΜВ	МВ												
Analyte	Re	esult	Qualifier		RL		MDL	Unit		D	Р	repared	Analyz	ed	Dil Fac
Nitrate as N	0	.063	U		0.10	(0.063	mg/L					11/12/21 2	21:36	1
Nitrate Nitrite as N	0	.063	U		0.10	(0.063	mg/L					11/12/21 2	21:36	1
Nitrite as N	0	.083	U		0.10	(0.083	mg/L					11/12/21 2	21:36	1
- Lab Sample ID: LCS 400-555747/4 Matrix: Water										Cli	ient	Sample	e ID: Lab Co		Sample otal/NA
Analysis Batch: 555747													Fiebi	ype. n	JaimA
Analysis Batch. 000141				Spike		LCS	LCS						%Rec.		
Analyte				Added		Result	Qua	lifier	Unit		D	%Rec	Limits		
Nitrate as N				2.26		2.18			mg/L		_	96	90 - 110		
Nitrate Nitrite as N				5.30		5.26			mg/L			99	90 - 110		
Nitrite as N				3.04		3.08			mg/L			101	90 _ 110		
Lab Sample ID: LCSD 400-555747/3 Matrix: Water	2								C	lient S	Sam	ple ID:	Lab Contro Prep T		le Dup otal/NA
Analysis Batch: 555747				Spike		LCSD	1.05	п					%Rec.		RPD
Analyte				Added		Result			Unit		D	%Rec	Limits	RPD	Limit
Nitrate as N				2.26		2.18			mg/L		_	96	90 - 110	0	15
Nitrate Nitrite as N				5.30		5.26			mg/L			99	90 - 110	0	15
Nitrite as N				3.04		3.08			mg/L			101	90 _ 110	0	15
 Lab Sample ID: MRL 400-555747/34										CI	iont	Sample	e ID: Lab Co	ntrol 9	Samplo
Matrix: Water										CI	ent	Sample			otal/NA
Analysis Batch: 555747													Ticpi	ype. n	
				Spike		MRL	MRL	_					%Rec.		
Analyte				Added		Result			Unit		D	%Rec	Limits		
Nitrate as N				0.226		0.178			mg/L		—	79	50 - 150		
Nitrate Nitrite as N				0.530		0.429			mg/L			81	50 - 150		
Nitrite as N				0.304		0.251			mg/L			82	50 - 150		
Lab Sample ID: MB 400-556929/6												Client S	Sample ID: I	Nethoo	l Blank
Matrix: Water													Prep T	ype: To	otal/NA
Analysis Batch: 556929			мв												
Analysia	-		MB		-			11 14		-	-		A I		DI 5
Analyte			Qualifier		RL			Unit		<u>D</u>	P	repared	Analyz		Dil Fac
Nitrate as N		.063			0.10			mg/L					11/22/21 1		1
Nitrate Nitrite as N		.063			0.10			mg/L					11/22/21 1		1
Nitrite as N	0	.083	U		0.10	(J.083	mg/L					11/22/21 1	13:12	1

5 6 7

10

Job ID: 400-210926-1

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Method: 300.0 - Anions, Ion Chromatography (Continued)

	Prep T									Analysis Batch: 556929
	%Rec.				LCS	LCS	Spike			-
	Limits	%Rec	D	Unit	Qualifier	Result	Added			Analyte
	90 - 110	91		mg/L		2.06	2.26			Nitrate as N
	90 - 110	95		mg/L		5.03	5.30			Nitrate Nitrite as N
	90 - 110	98		mg/L		2.97	3.04			Nitrite as N
Sample Dup	ab Control	ple ID:	nt Sam	Clie					/5	Lab Sample ID: LCSD 400-556929
pe: Total/N/	Prep T									Matrix: Water
										Analysis Batch: 556929
RPI	%Rec.				LCSD	LCSD	Spike			
RPD Limi	Limits	%Rec	D	Unit	Qualifier	Result	Added			nalyte
3 1	90 - 110	93		mg/L		2.11	2.26			litrate as N
2 1	90 - 110	97		mg/L		5.15	5.30			litrate Nitrite as N
2 1	90 - 110	100		mg/L		3.04	3.04			Nitrite as N
ntrol Sampl	ID: Lab Co	Sample	Client						7	ab Sample ID: MRL 400-556929/7
pe: Total/N	Prep T									Matrix: Water
										Analysis Batch: 556929
	%Rec.				MRL	MRL	Spike			
	Limits	%Rec	D	Unit	Qualifier	Result	Added			nalyte
	50 - 150	82		mg/L		0.186	0.226			litrate as N
	50 - 150	77		mg/L		0.409	0.530			litrate Nitrite as N
	50 ₋ 150	73		mg/L		0.223	0.304			Nitrite as N
le ID: MW-7	Client Samp								8	Lab Sample ID: 400-210926-15 MS
pe: Total/N/	Prep T									Matrix: Water
										Analysis Batch: 556929
	%Rec.				MS	MS	Spike	Sample	-	
	Limits	%Rec	D	Unit	Qualifier		Added	Qualifier		Analyte
	80 - 120	124		mg/L	H F1	62.1	22.6	H F1	34	Nitrate as N
	80 - 120	111		mg/L	Н	92.7	53.0	Н	34	Nitrate Nitrite as N
	80 - 120	101		mg/L	Н	30.6	30.4	UH	0.83	Nitrite as N
e ID: MW-7	Client Samp								SD	Lab Sample ID: 400-210926-15 MS
									SD	
									SD	Matrix: Water
pe: Total/N/		1			MSD	MSD	Spike	Sample		Matrix: Water
pe: Total/N/ RPI	Prep T	%Rec	D	Unit	MSD Qualifier		Spike Added	Qualifier	Sample Result	Matrix: Water Analysis Batch: 556929
le ID: MW-78 rpe: Total/NA RPD RPD 1 20	Prep T		D	- <mark>Unit</mark> mg/L	Qualifier		-	•	Sample Result	Matrix: Water Analysis Batch: 556929 Analyte
rpe: Total/NA RPI <u>RPD</u> Limi	Prep T %Rec. Limits	%Rec	<u> </u>		Qualifier H F1	Result	Added	Qualifier H F1	Sample Result	Lab Sample ID: 400-210926-15 MS Matrix: Water Analysis Batch: 556929 Analyte Vitrate as N Vitrate Nitrite as N

Job ID: 400-210926-1

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sampl Date Collected: Date Received:	11/09/21 07:00							Lab Sample		Matrix: Wate
Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	556301	11/17/21 19:42	BEP	TAL PEN
Client Sampl Date Collected: Date Received:	11/09/21 12:58	3						Lab Sample		0-210926- Aatrix: Wate
_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	556301	11/17/21 20:08	BEP	TAL PEN
Total/NA	Analysis	300.0		1			555556	11/11/21 15:42	KIS	TAL PEN
Client Sampl Date Collected: Date Received:	11/09/21 10:5	1						Lab Sample		0-210926- Matrix: Wate
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 06:35	KIS	TAL PEN
Total/NA	Analysis	300.0		10			556929	11/23/21 06:25	KIS	TAL PEN
Client Sampl Date Collected: Date Received:	11/09/21 08:0	5						Lab Sample		
Date Collected:	11/09/21 08:0	5	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Lab Sample Prepared or Analyzed		
Date Collected: Date Received:	11/09/21 08:09 11/10/21 09:13 Batch	Batch	Run					Prepared	Π	Aatrix: Wate
Date Collected: Date Received: Prep Type	11/09/21 08:09 11/10/21 09:13 Batch Type	Batch Method	Run	Factor	Amount	Amount	Number	Prepared or Analyzed	Analyst	Matrix: Wate
Date Collected: Date Received: Prep Type Total/NA	E 11/09/21 08:09 11/10/21 09:13 Batch Type Analysis	5 Batch Method 8260B	<u>Run</u>	Factor	Amount	Amount	Number 556301	Prepared or Analyzed 11/17/21 20:35	Analyst BEP	Matrix: Wate
Date Collected: Date Received: Prep Type Total/NA Total/NA	11/09/21 08:00 11/10/21 09:13 Batch Type Analysis Analysis Analysis Industrian Industrian Industrian Industrian Industrian Industrian Analysis Analysis Industrian Ind	Batch Method 8260B 300.0 300.0	<u>Run</u>	Factor 1 1	Amount	Amount	Number 556301 555317	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23	Analyst BEP KIS KIS e ID: 400	Aatrix: Wate - Lab TAL PEN TAL PEN TAL PEN TAL PEN
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected:	11/09/21 08:00 11/10/21 09:13 Batch Type Analysis Analysis Analysis Industrian Industrian Industrian Industrian Industrian Industrian Analysis Analysis Industrian Ind	Batch Method 8260B 300.0 300.0	Run	Factor 1 1	Amount	Amount	Number 556301 555317	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42	Analyst BEP KIS KIS e ID: 400	Atrix: Wate Lab TAL PEN TAL PEN TAL PEN TAL PEN D-210926-
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected:	E 11/09/21 08:05 11/10/21 09:13 Batch Type Analysis Analysis Analysis E ID: MW-15 11/09/21 08:23 11/10/21 09:13	Batch Method 8260B 300.0 300.0	Run	Factor 1 5	Amount 5 mL	Amount 5 mL	Number 556301 555317 555747	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample	Analyst BEP KIS KIS e ID: 400	Aatrix: Wate - Lab TAL PEN TAL PEN TAL PEN TAL PEN
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received:	E 11/09/21 08:04 11/10/21 09:13 Batch Type Analysis Analysis Analysis de ID: MW-15 11/09/21 08:23 11/10/21 09:13 Batch	Batch Method 8260B 300.0 300.0 300.0 Batch		Factor 1 5 Dil	Amount 5 mL	Amount 5 mL	Number 556301 555317 555747 Batch	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared	Analyst BEP KIS KIS e ID: 400	Matrix: Wate Lab TAL PEN TAL PEN TAL PEN D-210926- Matrix: Wate
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type	E 11/09/21 08:00 11/10/21 09:13 Batch Type Analysis Analysis Analysis E ID: MW-15 11/09/21 08:23 11/10/21 09:13 Batch Type	Batch Method 8260B 300.0 300.0 300.0 Batch Method		Factor 1 5 Dil Factor	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 556301 555317 555747 Batch Number	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared or Analyzed	Analyst BEP KIS KIS e ID: 400	Matrix: Wate Lab TAL PEN TAL PEN TAL PEN 0-210926- Matrix: Wate
Date Collected: Date Received: Prep Type Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA	11/09/21 08:00 11/10/21 09:13 Batch Type Analysis Analysis Analysis Interpretation 11/09/21 08:23 11/10/21 09:13 Batch Type Analysis Analysis Batch Type Analysis Analysis	Batch Method 8260B 300.0 300.0 300.0 Batch Method 8 Batch 8 Batch 8260B		Factor 1 5 Dil Factor 1	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 556301 555317 555747 Batch Number 556301	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared or Analyzed 11/17/21 21:01	Analyst BEP KIS KIS e ID: 400 M Analyst BEP	Matrix: Wate - Lab TAL PEN TAL PEN TAL PEN 0-210926- Matrix: Wate - Lab TAL PEN
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA Total/NA	11/09/21 08:04 11/10/21 09:13 Batch Type Analysis Analysis Analysis Introduction Batch Type Analysis Introduction Batch Type Analysis Introduction Batch Type Analysis Analysis Analysis Analysis Introduction Analysis Intopological analysis Intopological analysis	Batch Method 8260B 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0		Factor - 1 - 5 - Dil - Factor - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 556301 555317 555747 Batch Number 556301 555317	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared or Analyzed 11/17/21 21:01 11/17/21 21:01 11/17/21 00:48	Analyst BEP KIS KIS e ID: 400 M Analyst BEP KIS KIS e ID: 400	Matrix: Wate Lab TAL PEN TAL PEN TAL PEN D-210926- Matrix: Wate Lab TAL PEN TAL PEN TAL PEN TAL PEN TAL PEN TAL PEN
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected:	11/09/21 08:04 11/10/21 09:13 Batch Type Analysis Analysis Analysis Introduction Batch Type Analysis Introduction Batch Type Analysis Introduction Batch Type Analysis Analysis Analysis Analysis Introduction Analysis Intopological analysis Intopological analysis	Batch Method 8260B 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0		Factor 1 5 Dil Factor 1	Amount 5 mL Initial Amount	Amount 5 mL Final Amount	Number 556301 555317 555747 Batch Number 556301 555317	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared or Analyzed 11/17/21 21:01 11/17/21 21:01 11/11/21 00:48 11/13/21 07:07	Analyst BEP KIS KIS e ID: 400 M Analyst BEP KIS KIS e ID: 400	Matrix: Wate Lab TAL PEN TAL PEN TAL PEN D-210926- Matrix: Wate Lab TAL PEN TAL PEN TAL PEN TAL PEN TAL PEN TAL PEN
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected:	11/09/21 08:04 11/10/21 09:13 Batch Type Analysis Analysis Analysis Analysis Interpretation Batch Type Analysis Interpretation Analysis Into 21 09:13	Batch Method 8260B 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0		Factor 1 5 Dil Factor 1 1 5	Amount 5 mL Initial Amount 5 mL	Amount 5 mL Final Amount 5 mL	Number 556301 555317 555747 Batch Number 556301 555317 555317 555317	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared or Analyzed 11/17/21 21:01 11/11/21 00:48 11/13/21 07:07 Lab Sample	Analyst BEP KIS KIS e ID: 400 M Analyst BEP KIS KIS e ID: 400	Matrix: Wate Lab TAL PEN TAL PEN TAL PEN O-210926- Matrix: Wate Lab TAL PEN TAL PEN TAL PEN TAL PEN TAL PEN TAL PEN
Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA Total/NA Total/NA Client Sampl Date Collected: Date Received:	11/09/21 08:04 11/10/21 09:13 Batch Type Analysis Analysis Analysis Indivision Analysis Indivision Analysis Indivision Analysis Indivision Analysis Indivision Indivision Analysis Batch Type Analysis	Batch Method 8260B 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 300.0 Batch Batch	Run	Factor 1 5 Dil Factor 1 5 Dil Dil Dil	Amount 5 mL Initial Amount 5 mL	Amount 5 mL Final Amount 5 mL Final	Number 556301 555317 555747 Batch Number 556301 555317 555317 555317 555747	Prepared or Analyzed 11/17/21 20:35 11/11/21 00:23 11/13/21 06:42 Lab Sample Prepared or Analyzed 11/17/21 21:01 11/11/21 00:48 11/13/21 07:07 Lab Sample Prepared	Analyst BEP KIS KIS e ID: 400 M Analyst BEP KIS KIS e ID: 400	Matrix: Wate - Lab TAL PEN TAL PEN TAL PEN 0-210926- Matrix: Wate - Lab TAL PEN TAL PEN

Eurofins TestAmerica, Pensacola

Client Sample ID: MW-12

Date Collected: 11/09/21 08:56

Date Received: 11/10/21 09:13

Client Sample ID: MW-79

Date Collected: 11/09/21 09:10

Date Received: 11/10/21 09:13

Client Sample ID: MW-80

Date Collected: 11/09/21 09:24

Date Received: 11/10/21 09:13

Prep Type

Total/NA

Total/NA

Prep Type

Prep Type

Total/NA

Total/NA

Total/NA

Initial

Amount

5 mL

Initial

Amount

Initial

Amount

Final

Amount

5 mL

Final

Amount

Final

Amount

Batch

Number

556301

555317

Batch

Number

555317

Batch

Number

555317

555747

Dil

1

1

Dil

1

Dil

1

10

Factor

Factor

Factor

Run

Run

Run

Job ID: 400-210926-1

Lab

TAL PEN

TAL PEN

Matrix: Water

Lab

TAL PEN

Matrix: Water

TAL PEN

TAL PEN

Matrix: Water

Matrix: Water

Lab

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Batch

Туре

Analysis

Analysis

Batch

Туре

Analysis

Batch

Туре

Analysis

Analysis

Batch

Method

8260B

300.0

Batch

Method

300.0

Batch

300.0

300.0

Method

Lab Sample ID: 400-210926-8 Matrix: Water

Analyst

BEP

KIS

Lab Sample ID: 400-210926-9

Analyst

KIS

Lab Sample ID: 400-210926-10

Prepared

or Analyzed

11/17/21 21:28

11/11/21 01:37

Prepared

or Analyzed

11/11/21 02:02

Prepared

or Analyzed

11/11/21 02:27

11/13/21 07:32

Lab Sample ID: 400-210926-11

Analyst

KIS

KIS

Matrix: Water

Date Collected: 11/09/21 09:33 Date Received: 11/10/21 09:13

Client Sample ID: MW-75

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 02:52	KIS	TAL PEN
Total/NA	Analysis	300.0		10			555747	11/13/21 07:56	KIS	TAL PEN
Client Samp	ole ID: MW-29							Lab Sample	ID: 400-	-210926-12

Client Sample ID: MW-29

Date Collected: 11/09/21 09:42 Date Received: 11/10/21 09:13

Ргер Туре	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 03:17	KIS	TAL PEN
Total/NA	Analysis	300.0		10			555747	11/13/21 08:21	KIS	TAL PEN

Client Sample ID: MW-28 Date Collected: 11/09/21 09:51 Date Received: 11/10/21 09:13

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 03:42	KIS	TAL PEN
Total/NA	Analysis	300.0		10			555747	11/13/21 08:46	KIS	TAL PEN

Eurofins TestAmerica, Pensacola

Lab Sample ID: 400-210926-13

Released to Imaging: 4/26/2023 9:40:06 AM

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South Job ID: 400-210926-1

Lab Sample ID: 400-210926-14 Matrix: Water

Date Collected: 11/09/21 10:00 Date Received: 11/10/21 09:13

Client Sample ID: MW-30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
			Kuli		Amount	Amount				TAL PEN
Total/NA	Analysis	300.0		1			555317	11/11/21 04:56	KIS	IAL PEN
Client Samp	le ID: MW-78	}						Lab Sample	ID: 400-	210926-1
Date Collected	: 11/09/21 10:04	4							N	Aatrix: Wat
Date Received:	11/10/21 09:13	3								
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 05:21	KIS	TAL PEN
Total/NA	Analysis	300.0		10			556929	11/22/21 14:01	KIS	TAL PEN
Client Samp	le ID: MW-73							Lab Sample	ID: 400-	210926-1
	: 11/09/21 10:1									Atrix: Wat
	11/10/21 09:13									
-	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 05:46	KIS	TAL PEN
Total/NA	Analysis	300.0		10			556929	11/23/21 06:50	KIS	TAL PEN
-		,						Lab Sample	ID: 400-	210926-1
Client Samp	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13	4						Lab Sample		
Client Samp	le ID: MW-77 : 11/09/21 10:24	4		Dil	Initial	Final	Batch	Lab Sample		
Client Samp	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13	4 3	Run	Dil Factor	Initial Amount	Final Amount	Batch Number			210926-1 Natrix: Wate
- Client Samp Date Collected Date Received: -	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch	4 Batch	Run					Prepared	N	latrix: Wate
Client Samp Date Collected Date Received: Prep Type	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type	4 Batch Method	Run	Factor			Number	Prepared or Analyzed	Analyst	Aatrix: Wate
Client Samp Date Collected Date Received: 	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis	4 Batch Method 300.0 300.0	Run	Factor			Number 555317	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15	Analyst KIS KIS	Atrix: Wate TAL PEN TAL PEN
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis	4 Batch Method 300.0 300.0	<u>Run</u>	Factor			Number 555317	Prepared or Analyzed 11/11/21 06:11	Analyst KIS KIS ID: 400-	Matrix: Wate - Lab TAL PEN TAL PEN 210926-1
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis le ID: MW-74	4 Batch Method 300.0 300.0	Run	Factor			Number 555317	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15	Analyst KIS KIS ID: 400-	Matrix: Wate - Lab TAL PEN TAL PEN 210926-1
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis Ie ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13	4 Batch Method 300.0 300.0	Run	Factor 1 - 10	Amount	Amount	Number 555317 556929	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample	Analyst KIS KIS ID: 400-	Atrix: Wate TAL PEN TAL PEN
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected Date Received:	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis Ie ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13 Batch	4 Batch Method 300.0 300.0	Run Run	Factor			Number 555317	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15	Analyst KIS KIS ID: 400-	Matrix: Wate - Lab TAL PEN TAL PEN 210926-1
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis Ie ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13	4 Batch Method 300.0 300.0 Batch		Factor 1 10 Dil	Amount	Amount	Number 555317 556929 Batch	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared	Analyst KIS KIS ID: 400-	Atrix: Wat - Lab TAL PEN TAL PEN 210926-1 Matrix: Wat
Prep Type Total/NA Client Samp Total/NA Client Samp Date Collected Date Received: Prep Type Total/NA	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis Ie ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13 Batch Type Analysis	4 Batch Method 300.0 300.0 300.0 Batch Method Batch Method 300.0 300.0		Factor 1 10 Dil Factor	Amount	Amount	Number 555317 556929 Batch Number	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared or Analyzed 11/11/21 07:00	Analyst KIS KIS ID: 400- M Analyst KIS	Atrix: Wate Lab TAL PEN TAL PEN C210926-1 Matrix: Wate Atrix: Wate Lab TAL PEN
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected Date Received: Prep Type Total/NA Client Samp	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis le ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13 Batch Type Analysis le ID: MW-81	Batch Method 300.0 300.0 300.0 Batch Method 300.0		Factor 1 10 Dil Factor	Amount	Amount	Number 555317 556929 Batch Number	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared or Analyzed	Analyst KIS KIS ID: 400- M Analyst KIS ID: 400-	Lab TAL PEN TAL PEN 210926-1 Matrix: Wat Lab TAL PEN 210926-1
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected Date Received: Prep Type Total/NA Client Samp Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis Ie ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13 Batch Type Analysis	Batch Method 300.0 300.0 300.0 Batch Method 300.0		Factor 1 10 Dil Factor	Amount	Amount	Number 555317 556929 Batch Number	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared or Analyzed 11/11/21 07:00	Analyst KIS KIS ID: 400- M Analyst KIS ID: 400-	Lab TAL PEN TAL PEN 210926-1 Matrix: Wat Lab TAL PEN 210926-1
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected Date Received: Prep Type Total/NA Client Samp Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis le ID: MW-74 : 11/09/21 10:5 Batch Type Analysis le ID: MW-81 : 11/09/21 10:5	Batch Method 300.0 300.0 300.0 Batch Method 300.0		Factor 1 10 Dil Factor	Amount	Amount	Number 555317 556929 Batch Number	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared or Analyzed 11/11/21 07:00	Analyst KIS KIS ID: 400- M Analyst KIS ID: 400-	Lab TAL PEN TAL PEN 210926-1 Matrix: Wat Lab TAL PEN 210926-1
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected Date Received: Prep Type Total/NA Client Samp Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis Analysis le ID: MW-74 : 11/09/21 10:5 : 11/10/21 09:13 le ID: MW-81 : 11/09/21 10:5 : 11/10/21 09:13	Batch Method 300.0 300.0 300.0 Batch Method 300.0		Factor 1 10 Dil Factor 1	Amount	Final	Number 555317 556929 Batch Number 555317	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared or Analyzed 11/11/21 07:00 Lab Sample	Analyst KIS KIS ID: 400- M Analyst KIS ID: 400-	Atrix: Wate Lab TAL PEN TAL PEN C210926-1 Matrix: Wate Atrix: Wate Lab TAL PEN
Client Samp Date Collected Date Received: Prep Type Total/NA Total/NA Client Samp Date Collected Date Received: Prep Type Total/NA Client Samp Date Collected Date Collected	le ID: MW-77 : 11/09/21 10:24 : 11/10/21 09:13 Batch Type Analysis le ID: MW-74 : 11/09/21 10:55 : 11/10/21 09:13 Batch Type Analysis le ID: MW-81 : 11/09/21 10:55 : 11/10/21 09:13 Batch	Batch Method 300.0 300.0 Batch Method 300.0 Batch Method 300.0 Batch Method 300.0 Batch	Run	Factor 1 10 Dil Factor 1 Dil	Amount Initial Amount Initial	Amount Final Amount Final	Number 555317 556929 Batch Number 555317	Prepared or Analyzed 11/11/21 06:11 11/23/21 07:15 Lab Sample Prepared or Analyzed 11/11/21 07:00 Lab Sample Prepared	Analyst KIS ID: 400- M Analyst KIS ID: 400- M	Matrix: Wat

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South Client Sample ID: MW-8

Job ID: 400-210926-1

Date Collected:	e ID: MW-8 11/09/21 11:04	1						Lab Sample		·210926-20 Aatrix: Water
Date Received:	11/10/21 09:13	}								
_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 07:50	KIS	TAL PEN
Client Sampl	e ID: MW-72	2						Lab Sample	ID: 400-	210926-21
Date Collected:	11/09/21 11:2	5							N	Aatrix: Water
Date Received:	11/10/21 09:13	}								
_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 08:15	KIS	TAL PEN
Client Sampl	e ID: MW-76	•						Lab Sample	ID: 400-	210926-22
Date Collected:									N	Aatrix: Water
Date Received:	11/10/21 09:13	3								
—	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555317	11/11/21 08:39	KIS	TAL PEN
Client Sampl	e ID: MW-14							Lab Sample	ID: 400-	210926-23
Date Collected:										Atrix: Water
Date Received:										
_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Bron Tuno	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Prep Type	Analysis	8260B		1	5 mL	5 mL	556301	11/17/21 21:54	BEP	TAL PEN
Total/NA	Analysis						000001			
	Analysis	300.0		1			555556	11/11/21 14:52	KIS	TAL PEN
Total/NA Total/NA	Analysis	300.0					555556			
Total/NA Total/NA Client Sampl	Analysis e ID: Metho	300.0					555556	11/11/21 14:52 Sample ID: N	1B 400-5	55317/120
Total/NA Total/NA Client Sampl Date Collected:	Analysis e ID: Methoo N/A	300.0					555556		1B 400-5	55317/120
Total/NA Total/NA Client Sampl Date Collected:	Analysis e ID: Methoo N/A	300.0			Initial	Final	555556		1B 400-5	55317/120
Total/NA Total/NA Client Sampl Date Collected:	Analysis e ID: Methoo N/A N/A Batch	300.0 d Blank	Run	1			555556 Lab	Sample ID: M	1B 400-5	
Total/NA Total/NA Client Sampl Date Collected: Date Received:	Analysis e ID: Methoo N/A N/A	300.0 d Blank Batch	Run	1 Dil	Initial	Final	555556 Lab Batch	Sample ID: M	IB 400-5 N	55317/120 Aatrix: Water
Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA	Analysis e ID: Methoo N/A N/A Batch Type Analysis	300.0 d Blank Batch Method 300.0	Run	1 Dil	Initial	Final	555556 Lab Batch <u>Number</u> 555317	Sample ID: M Prepared or Analyzed	IB 400-5 N Analyst KIS	5 55317/120 Matrix: Water - Lab TAL PEN
Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA Client Sampl	Analysis e ID: Metho N/A N/A Batch Type Analysis e ID: Metho	300.0 d Blank Batch Method 300.0	Run	1 Dil	Initial	Final	555556 Lab Batch <u>Number</u> 555317	Sample ID: M Prepared or Analyzed 11/11/21 11:58	Analyst KIS MB 400	555317/120 Matrix: Water - Lab TAL PEN 0-555317/7
Total/NA Total/NA Client Sampl Date Collected: Date Received: Date Received: Total/NA Client Sampl Date Collected:	Analysis e ID: Metho N/A N/A Batch Type Analysis e ID: Metho N/A	300.0 d Blank Batch Method 300.0	Run	1 Dil	Initial	Final	555556 Lab Batch <u>Number</u> 555317	Sample ID: M Prepared or Analyzed 11/11/21 11:58	Analyst KIS MB 400	555317/120 Matrix: Water - Lab TAL PEN 0-555317/7
Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type	Analysis e ID: Metho N/A N/A Batch Type Analysis e ID: Metho N/A	300.0 d Blank Batch Method 300.0	Run	1 Dil	Initial	Final	555556 Lab Batch <u>Number</u> 555317	Sample ID: M Prepared or Analyzed 11/11/21 11:58	Analyst KIS MB 400	555317/120 Matrix: Water - Lab TAL PEN 0-555317/7
Total/NA Total/NA Client Sampl Date Collected: Date Received: Prep Type Total/NA Client Sampl Date Collected:	Analysis e ID: Method N/A N/A Batch Type Analysis e ID: Method N/A N/A	300.0 d Blank Batch Method 300.0 d Blank	Run	Dil Factor 1	Initial Amount	Final Amount	555556 Lab Batch <u>Number</u> 555317 La	Sample ID: M Prepared or Analyzed 11/11/21 11:58 ab Sample ID	Analyst KIS MB 400	5 55317/120 Matrix: Water - Lab TAL PEN

Client Sample ID: Method Blank

Date Collected: N/A Date Received: N/A

_										
	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Ргер Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555556	11/12/21 03:42	KIS	TAL PEN

Eurofins TestAmerica, Pensacola

Lab Sample ID: MB 400-555556/6

Matrix: Water

11

Job ID: 400-210926-1

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South Lab Sample ID: MB 400-555747/33 **Client Sample ID: Method Blank** Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Method Run Factor Amount Amount Number or Analyzed Analyst Type Lab Total/NA Analysis 300.0 555747 11/12/21 21:36 KIS TAL PEN 1 Lab Sample ID: MB 400-556301/4 **Client Sample ID: Method Blank** Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Туре Run Factor Analyst Lab 8260B 556301 11/17/21 17:30 BEP TAL PEN Total/NA Analysis 5 mL 5 mL 1 **Client Sample ID: Method Blank** Lab Sample ID: MB 400-556929/6 Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 300.0 556929 11/22/21 13:12 KIS TAL PEN Analysis 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: LCS 400-555317/118 Date Collected: N/A Matrix: Water Date Received: N/A Dil Batch Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 300.0 555317 11/11/21 11:08 Analysis KIS TAL PEN Total/NA 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: LCS 400-555317/5 Date Collected: N/A Matrix: Water Date Received: N/A Batch Dil Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Analysis 300.0 555317 11/10/21 10:19 KIS TAL PEN 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: LCS 400-555556/4 Date Collected: N/A Matrix: Water Date Received: N/A Dil Initial Batch Batch Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 300.0 555556 11/12/21 02:52 KIS TAL PEN Analysis 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: LCS 400-555747/4 Date Collected: N/A Matrix: Water Date Received: N/A Batch Dil Final Batch Initial Batch Prepared Method Amount Number or Analyzed Prep Type Туре Run Factor Amount Analyst Lab Total/NA Analysis 300.0 555747 11/12/21 20:46 KIS TAL PEN 1

Eurofins TestAmerica, Pensacola

11

Job ID: 400-210926-1

Lab Sample ID: LCS 400-556301/1002 **Client Sample ID: Lab Control Sample** Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Method Run Factor Amount Amount Number or Analyzed Analyst Type Lab Total/NA Analysis 8260B 5 mL 5 mL 556301 11/17/21 16:31 BEP TAL PEN 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: LCS 400-556929/4 Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Amount Number or Analyzed Туре Run Factor Analyst Lab 300.0 556929 11/22/21 12:22 KIS TAL PEN Total/NA Analysis 1 **Client Sample ID: Lab Control Sample Dup** Lab Sample ID: LCSD 400-555317/119 Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 300.0 555317 11/11/21 11:33 KIS TAL PEN Analysis 1 Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 400-555317/6 Date Collected: N/A Matrix: Water Date Received: N/A Dil Batch Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 300.0 555317 11/10/21 21:54 KIS TAL PEN Total/NA Analysis 1 Client Sample ID: Lab Control Sample Dup Lab Sample ID: LCSD 400-555556/5 Date Collected: N/A Matrix: Water Date Received: N/A Batch Dil Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Analysis 300.0 555556 11/12/21 03:17 KIS TAL PEN 1 **Client Sample ID: Lab Control Sample Dup** Lab Sample ID: LCSD 400-555747/32 Date Collected: N/A Matrix: Water Date Received: N/A Dil Initial Batch Batch Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 300.0 555747 11/12/21 21:11 KIS TAL PEN Analysis 1 **Client Sample ID: Lab Control Sample Dup** Lab Sample ID: LCSD 400-556929/5 Date Collected: N/A Matrix: Water Date Received: N/A Batch Dil Batch Initial Final Batch Prepared Method Amount Number or Analyzed Prep Type Туре Run Factor Amount Analyst Lab Total/NA Analysis 300.0 556929 11/22/21 12:47 KIS TAL PEN 1

Eurofins TestAmerica, Pensacola

Lab Chi

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Job ID: 400-210926-1

11

Project/Site: CMI Kinder Morgan Blanco South **Client Sample ID: Lab Control Sample** Lab Sample ID: MRL 400-555317/121 Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Method Run Factor Amount Amount Number or Analyzed Analyst Type Lab Total/NA Analysis 300.0 1 555317 11/11/21 12:23 KIS TAL PEN **Client Sample ID: Lab Control Sample** Lab Sample ID: MRL 400-555317/8 Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Method Amount Number or Analyzed Туре Run Factor Amount Analyst Lab 300.0 555317 11/10/21 22:44 KIS TAL PEN Total/NA Analysis 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: MRL 400-555556/7 Date Collected: N/A Matrix: Water Date Received: N/A Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 300.0 555556 11/12/21 04:07 KIS TAL PEN Analysis 1 Lab Sample ID: MRL 400-555747/34 **Client Sample ID: Lab Control Sample** Date Collected: N/A Matrix: Water Date Received: N/A Dil Batch Batch Initial Final Batch Prepared Prep Type Method Run Factor Amount Amount Number or Analyzed Type Analyst Lab 300.0 555747 11/12/21 22:00 KIS TAL PEN Total/NA Analysis 1 **Client Sample ID: Lab Control Sample** Lab Sample ID: MRL 400-556929/7 Date Collected: N/A Matrix: Water Date Received: N/A Batch Dil Batch Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 11/22/21 13:36 Total/NA Analysis 300.0 556929 KIS TAL PEN 1 **Client Sample ID: MW-13** Lab Sample ID: 400-210926-7 MS Date Collected: 11/09/21 08:36 Matrix: Water Date Received: 11/10/21 09:13 Dil Initial Batch Batch Final Batch Prepared Method Prep Type Туре Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA 8260B 5 mL 556301 11/17/21 18:23 TAL PEN Analysis 5 ml BFP 1 Total/NA 300.0 555317 11/11/21 09:54 KIS TAL PEN Analysis 1 **Client Sample ID: MW-13** Lab Sample ID: 400-210926-7 MSD Date Collected: 11/09/21 08:36 Matrix: Water Date Received: 11/10/21 09:13 Dil Batch Batch Initial Final Batch Prepared Method Prep Type Туре Run Factor Amount Amount Number or Analyzed Analyst Lab Total/NA Analysis 8260B 5 mL 5 mL 556301 11/17/21 18:49 REP TAL PEN 1 Total/NA Analysis 300.0 1 555317 11/11/21 10:19 KIS TAL PEN

Eurofins TestAmerica, Pensacola

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco Sout

Lab Chronicle

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Client Sample ID: MW-78 Date Collected: 11/09/21 10:04 Date Received: 11/10/21 09:13

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555556	11/12/21 01:38	KIS	TAL PEN
Total/NA	Analysis	300.0		10			556929	11/22/21 14:26	KIS	TAL PEN

Client Sample ID: MW-78 Date Collected: 11/09/21 10:04 Date Received: 11/10/21 09:13

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			555556	11/12/21 02:27	KIS	TAL PEN
Total/NA	Analysis	300.0		10			556929	11/22/21 14:51	KIS	TAL PEN

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Job ID: 400-210926-1

Lab Sample ID: 400-210926-15 MS Matrix: Water

Lab Sample ID: 400-210926-15 MSD

Matrix: Water

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Released	to	Imaging:	4/26/2023 9:40:06 AM
H eret B		1	

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PEN
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
5030B	Purge and Trap	SW846	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PEN = Eurofins TestAmerica, Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc Project/Site: CMI Kinder Morgan Blanco South

Laboratory: Eurofins TestAmerica, Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-22
ANAB	ISO/IEC 17025	L2471	02-23-23
Arizona	State	AZ0710	01-12-22
Arkansas DEQ	State	88-0689	09-01-22
California	State	2510	06-30-22
Florida	NELAP	E81010	06-30-22
Georgia	State	E81010(FL)	06-30-22
Illinois	NELAP	200041	10-09-22
lowa	State	367	08-01-22
Kansas	NELAP	E-10253	11-30-21
Kentucky (UST)	State	53	06-30-22
Kentucky (WW)	State	KY98030	12-31-21
Louisiana	NELAP	30976	06-30-22
Louisiana (DW)	State	LA017	12-31-21
Maryland	State	233	09-30-22
Massachusetts	State	M-FL094	06-30-22
Michigan	State	9912	06-30-22
New Jersey	NELAP	FL006	06-30-22
North Carolina (WW/SW)	State	314	12-31-21
Oklahoma	State	9810	08-31-22
Pennsylvania	NELAP	68-00467	01-31-22
Rhode Island	State	LAO00307	12-30-21
South Carolina	State	96026	06-30-22
Tennessee	State	TN02907	06-30-22
Texas	NELAP	T104704286	09-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22
USDA	US Federal Programs	P330-21-00056	05-17-24
Virginia	NELAP	460166	06-14-22
Washington	State	C915	05-15-22
West Virginia DEP	State	136	12-31-21

11/30/2021

3355 McLemore Drive Pensacola, FL 32514 Phone: 850-474-1001 Fax: 850-478-2671	U	Chain o	of Cust	Chain of Custody Record	sord				🐝 eurofins	Environm
Client Information	Sampler: Su			Lab PM: Edwards, Mortu D	Mortu		Carrier Tracking No(s):	ing No(s):	COC No:	
Client Contact: Steve Varsa	20	10 40	5	E-Mail:	, Marty		State of Origin:		400-105809-3 Page:	684.1
Company:			PWSID:	Marty.Eo	awards(Marty.Edwards@Eurofinset.com			Page 1 of X	M
Stantec Consulting Services Inc Address:	1 1 1					Ani	Analysis Requested		# gor	
11311 Aurora Avenue	Due Date Requested:	;pe							Preservation Codes	odes:
City: Des Moines	TAT Requested (days):	iys):							A - HCL B - NAOH	
State, Zip: IA, 50322-7904	Compliance Project:	t: A Yes A No	on the second se		100				C - Zn Acetate D - Nitric Acid	
Phone:	PO #: MD801012				8560			_	E - NaHSO4 F - MeOH	
Email: steve.varsa@stantec.com	:# OM			N NO)	-				H - Ascorbic Acid	5 - H2SU4 T - TSP Doc U - Acetone
Project Name: CMI Kinder Morgan Blanco South	Project #: 40012762			(168 C		Nitrite			an and a state of	V - MCAA W - pH 4-5
Site	SSOW#:			əlqmı	_	irate &	400-210926 COC		Contai Contai Other:	Z - other (s
			Sample	Matrix (w-water	Blanco So	JEWS - NII			mper of (
Sample Identification	Sample Date	Sample Time	(C=comp, G=orab)	S=solid, O=waste/oll,		୦୫୦ [−] ୦୦			641 - 14 - 14 - 14 - 14 - 14	
	X	X		- International	× ×	۲ ع ۲				Special Instructions
18-01	A121	opto	S	Water 💫	2 2	0			10.01	1 10
DUP-61	12/6/11	1258	5	Water N	2	-				A NOID
202-02	12/6/11	1051	5	Water 🔥	2				J -	shirt c
Exass volume	11/6/11	((Water					1 / 500 1	dort -
(E-MW	12/6/11	0805	S	Water N	2					A ALLS
Mw-15	12/6/11	0813	S	Water 💉	2				4	
MW-13	12/6/11	0836	S	Water 💊	79	3			12 00500	00
WW-12	12/6/11	0896	S	Water N	2					
1	(2/6/11	0110	5	Water	2	-			K	
301	12/6/11	4260	S	Water A	5					
St-MW	1216/11	0933	S	Water &	2					
	Poison R				Sample	e Disposal (A fe	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	samples are ret	ained longer than	1 month)
			radiological		Special	Special Instructions/QC Requirements:	Disposal By Lab		Archive For	Months
Empty Kit Relinquished by:		Date:		Time:	:e:		Method	Method of Shipment:		
Reimquished by: Am A CM	Date/Time/	1315		Company	Rec	Received by:		Date/Time:		Company
Keinquished by:	Date/Time:			Company	Rec	Received by:		Date/Time:		Company

Special Instructions/Note:

SOUNL EXCLOS

Environment Testing America 😵 eurofins

Received by OCD: 3/30/2022 6:43:52 PM

N - None O - ANAO2 P - NA2045 A - NA2045 G - NA2503 G - NA2503 S - H2504 T - 175 P D04cahydrate U - Acetone U - Acetone W - PH 4-5 W - PH 4-5 C - other (specify)

11/30/2021

telinquished by: telinquished by:

Custody Seal No.:

Page 88 of 92

Months

Company Company

Company

09:13

1.10.21 Date/Time: Date/Time:

20

Cooler Temperature(s) °C and Other Remarks:

Received by: Received by:

Company Company

Date/Time:

C

5 6

Teg 2000

9

Client Information Cent Conset: Cent Conset: Cent Conset: Cent Conset: Conset:	Pensacola, FL 32514 Phone: 850-474-1001 Fax: 850-478-2671									MINUTED
Construction Internation	Client Information	Sampler:	1		Lab PM: Edwards_N	Aarty P	Carrier Tracking	l No(s):	COC No:	
	Client Contact: Steve Varsa	Phone:			E-Mail:	ando@Eurofinnet	State of Origin:		400-105809-376 Page:	84.2
Million Consideration Consideration Consideration Presentation District Distring Distring District </td <td>Company: Stantec Consulting Services Inc</td> <td></td> <td>id.</td> <td>VSID:</td> <td></td> <td></td> <td></td> <td></td> <td>2 of 8</td> <td></td>	Company: Stantec Consulting Services Inc		id.	VSID:					2 of 8	
Общенство Отвеннатории Отвеннатории <td>Address: 11311 Aurora Avenue</td> <td>Due Date Request</td> <td>ed:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Preservation Co</td> <td>les:</td>	Address: 11311 Aurora Avenue	Due Date Request	ed:						Preservation Co	les:
State, for An State, for An State, for An State, for An State, for An State	City: Des Moines	TAT Requested (d	ays):						A - HCL B - NaOH	M - Hexane N - None
Protein Optimization	State, Zip: IA, 50322-7904	Compliance Proje	A Yes A	07		(C - Zn Acetate D - Nitric Acid	0 - AsNaO2 P - Na204S
Поли инструма Мал. Поли инструма Поли инструма <td>Phone:</td> <td>PO#: WD801913</td> <td></td> <td></td> <td></td> <td>0978 se</td> <td></td> <td></td> <td>E - Narr504 F - MeOH G - Amchlor</td> <td>u - Na2SO3 R - Na2S2O3 S - H2SO4</td>	Phone:	PO#: WD801913				0978 se			E - Narr504 F - MeOH G - Amchlor	u - Na2SO3 R - Na2S2O3 S - H2SO4
Transie for function Second Seco	Email: steve.varsa@stantec.com	# OM			OL NO				H - Ascorbic Acid I - Ice	T - TSP Dodecahydrate U - Acetone
Ове Sample Identification Identification Sample Identification Identification Identification Identification Identification Identification Identification Identification Identification Identification Identification Identification Identification <td>Project Name: CMI Kinder Morgan Blanco South</td> <td>Project #: 40012762</td> <td></td> <td>c</td> <td>68))</td> <td></td> <td></td> <td>INOLS</td> <td>AND A COMPANY S</td> <td>V - MCAA W - pH 4-5 7 - other (specific)</td>	Project Name: CMI Kinder Morgan Blanco South	Project #: 40012762		c	68))			INOLS	AND A COMPANY S	V - MCAA W - pH 4-5 7 - other (specific)
Sample Identification Sample Type Type Sample Type	Site:	SSOW#:			oldme			l conta	The second second second second second second second second second second second second second second second s	(abenil)
MW A N Permanent X Permanent X Permanent X Permanent X N Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N Y N	Sample Identification	Samole Date			ield Filtered S	2 oonsia - 8082		o tedmuvi list		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$					<u>-</u>	.8		01		structions/Note:
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	NW-Z	191	2460	× S		0				
MW-30 Ingl21 Ibo0 K Water K C I MSMSD MW-32 Ingl21 Ibo4 K Water K	2- MW	61	0951	-	5					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	MW-30	-	1000	\vdash	2					
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	K-WW	6	1004		5				W	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	13	12/6/11	101	S W	2					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1	11/9/21	4201	M S	2					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1	12/6/11	1051		Ş	-				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	13	12/6/11	1057	N S	5			~		
M.W72 Wild IX II.3 C Water A C I II.3 C Water A C II.3 C Water A C II.3 C Water A C II.3 C C Water A C II.3 C C Water A C II.3 C	ĩ	1216/11	holl		2					
M	1	12/6/11	1125	N N	5					
Possible Hazard Identification Oscille Hazard Identification Non-Hazard Flammable Skin Irritant Disposal (A fee may be assessed if samples are retained longer than 1 mo Non-Hazard Deliverable Requested: I, II, II, V. Other (specify) Sin Irritant Disposal (A fee may be assessed if samples are retained longer than 1 mo Disposal By Lab Archive For Empty Kit Relinquished by: III, IV. Other (specify) Date/Time: Disposal By Lab Archive For Relinquished by: III, IV. Other (specify) Date/Time: Distructions/OC Requirements: Method of Shipment: Company Relinquished by: III, III, V. Other (specify) Date/Time: Date/Time: Company Relinquished by: Date/Time: Date/Time: Company Received by: Date/Time: Company Relinquished by: Date/Time: Date/Time: Company Received by: Date/Time: Company A fee to No A fee to No Received by: Company Received by: Date/Time: Company Reinquished by: Date/Time: Date/Time: Date/Time: Company Company A fee A No A fee A No A fee A No Received by: <t< td=""><td>Nw-76</td><td>12/6/11</td><td>1135</td><td>M S</td><td>2</td><td>- 0</td><td></td><td></td><td></td><td></td></t<>	Nw-76	12/6/11	1135	M S	2	- 0				
Deliverable Requested: I, II, IV, Other (specify) Deliverable Return To Client Disposal By Lab Archive For Empty Kit Relinquished by: Empty Kit Relinquished by: Imate:	Possible Hazard Identification				Sa	imple Disposal (A fee may	be assessed if s	amples are retain	ed longer than 1	month)
Empty Kit Relinquished by: Date: Time: Method of Shipment: Reinquished by: Method of Shipment: Received by: Method of Shipment: Reinquished by: Method of Shipment: Date/Time: Date/Time: Reinquished by: Method Seal No: Date/Time: Date/Time: A Yes A No A Yes A No Cooler Temperature(s/C and Other Remarks: 09:13	Deliverable Requested: I, II, III, IV, Other (specify)			ulological	Sp	ecial Instructions/QC Requi	Disposal By La		hive For	Months
Reinducised by: Date/Time: Date/Time: Netwood of Supment: Reinquished by: Date/Time: Date/Time: Date/Time: Reinquished by: Date/Time: Date/Time: Date/Time: Reinquished by: Company Received by: Date/Time: Custody Seals Intact: Custody Seals Intact: Cooler Temperature(s)*C and Other Remarks:	Empty Kit Relinquished by:		Date:				- E			
Reinquished by: Date/Time: Date/Time: Date/Time: Date/Time: Reinquished by: Date/Time: Company Received by: Date/Time: Date/Time: Reinquished by: Date/Time: Date/Time: Company Received by: Date/Time: Custody Seals Intact: Custody Seals Intact: Custody Seal No.: Cooler Temperature(s)*C and Other Remarks: 09:13	Relinquished by:		6	Compa		Received by:		Snipment: Date/Time		
als Intact: Custody Seal No.: Date/Time:	Relinquished by:		_	Compa	-	Rereived by:				Company
Custody Seals Intact: Custody Seal No.: Date/Time: 09:13		Date/Time.				section of.		Date/Time:		Company
A Yes A No	Custodu Scola Intent.			Compa	υλ	Received by:				Company
ļ	A Yes A No					Cooler Temperature(s) ^o C and Ot	her Remarks:	5		

EUROTINS LESTAMERICA, PENSACOLA

Pensacola		
s TestAmerica, Pensacola	re Drive	EI 27614
urotins	3355 McLemore Drive	Pencacola E
Ц	33	đ

Released to Imaging: 4/26/2023 9:40:06 AM

Chain of Custody Record

🛟 eurofins

Client Information	- cambier	Edward	Lab PM: Edwards Marty D	Carrier Tracking No(s):	COC No:
ent Contact:	Phone:		is, marry P		400-105809-37684.3
Steve Varsa	/		E-Mail: Marty.Edwards@Eurofinset.com	State of Origin:	Page:
Stantec Consulting Services Inc	PWSID:		Analvsis Reminested		# qor
aures. 11311 Aurora Avenue	Due Date Requested:				Preservation Codes:
city: Des Moines	TAT Requested (days):				
State. Zip: IA, 50322-7904	Compliance Project: Δ Yes Δ No		(C - Zn Acetate 0 - AsNaO2 D - Nitric Acid P - Na2O4S
Phone:			1. 1.		
Email: steve.varsa@stantec.com	:# OM	01.70	ynalyte		
Project Name: CMI Kinder Morgan Blanco South	Project #: 40012762	(66))	ire Pit /		J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA 7 - other (snecify)
	SSOW#:		a dtuoi		Other:
Sample Identification	Sample Date Trimo		агоста 2 28 200 2 2000	tal Number of	
		Preservation Code:	28		Special Instructions/Note:
MW-IL	2 8 HI 12/6/11	C Water	N 2 1 -	X	
		Water			
		Water			
		Water			
1000		Water			
1 AC		Water		F	
x		Water			
		Water			
		Water			
		Water			
ودأمان لامسمط لطمسماني منص		Water			
Own-Hazard Hammable Skin Irritant	Poison B Unknown Radio	Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	Issessed if samples are retaine	ed longer than 1 month)
iliverable Kequested: I, II, III, IV, Other (specify)			Requireme	iusai by Lab	Archive For Months
Empty Kit Relinquished by:	Date:	Ē	Time:	Method of Shipment:	
Relinquished by A 1 UM	Date/Time: / 1/ 1/ 21 / 3/5	Company Company	Received by:	Date/Time:	Company
roundusted by. Dilinaulahad hu	Date/Time:	Company	Received by:	Date/Time:	Сотралу
	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Custody Seal No.:			Coder Truncher	2	

Page 90 of 92

10 11

Job Number: 400-210926-1

List Source: Eurofins TestAmerica, Pensacola

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Login Number: 210926 List Number: 1

Creator: Whitley, Adrian

Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0, 0.5°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 94595

CONDITIONS		
Operator:	OGRID:	
El Paso Natural Gas Company, L.L.C	7046	
1001 Louisiana Street	Action Number:	
Houston, TX 77002	94595	
	Action Type:	
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)	

CONDITIONS

-	Condition	Condition
Ву		Date
nvelez	Accepted for the record. See app ID 202015 for most updated status.	4/26/2023